ANNUAL REPORT 2023

भाकृअनुप
ICAR

DIVYAYAN KRISHI VIGYAN KENDRA, RANCHI
RAMAKRISHNA MISSION ASHRAMA
Morabadi, Ranchi-834008
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RAMAKRISHNA MISSION

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Compilation Assistance:

Prafulla Kumar Sio

Rahul Ray

CONTENTS

PROFORMA FOR ANNUAL REPORT 2023 (01st January- 31st December 2023)

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

Name and address of KVK	Telephone		E-Mail
	Office	FAX	
Divyayan Krishi Vigyan Kendra, Ranchi-834008, **Jharkhand**	0651-2551008, 2551970		kvk.divyayan@gmail.com

1.2. Name and address of host organization with phone, fax and e-mail

Name and address of Host Organization	Telephone		E mail
	Office	FAX	
Ramakrishna Mission Ashrama Morabadi, Ranchi – 834008 Jharkhand	0651-2551008, 2551970		ranchi.morabadi@rkmm.org

1.3. Name of Senior Scientist and Head with phone & mobile No.

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Ajeet Kumar Singh		9430379197	Singhajeet1978@gmail.com

1.4. Year of sanction of KVK with council order No. and date:

1.5. Year of start of KVK: **1977**

1.5. Staff Position (**as on 31st December 2023**)

Sl. No.	Sanctioned post	Name of the Incumbent	Designation	Discipline	Pay Scale with Present Basic	Date of joining	Permanent/ probation	Category (SC/ST/ OBC/ Others)
1	Senior Scientist& Head	Dr. Ajeet Kumar Singh	Programme Coordinator	Soil Science	Level -13A, 7th CPC Rs. 1,66,400/-	01-01-2012	Permanent	Others
2	Subject Matter Specialist	Dr. Bharat Mahto	SMS Animal Husbandry	Animal Husbandry	Level -10, 7th CPC Rs. 87,400/-	01-04-2007	Permanent	OBC
3	Subject Matter Specialist	Dr. Rajesh Kumar	SMS Plant Protection	Plant Protection	Level -10, 7th CPC Rs. 87,400/-	01-02-2007	Permanent	OBC
4	Subject Matter Specialist	Sri Manoj Kumar Singh	SMS Agronomy	Agronomy	Level -10, 7th CPC Rs. 87,400/-	01-02-2007	Permanent	Others
5	Subject Matter Specialist	Dr. Neha Rajan	SMS Genetics & Plant Breading	Genetics & Plant Breading	Level -10, 7th CPC Rs. 75,400/-	15-10-2012	Permanent	OBC
6	Subject Matter Specialist	Dr. Ravindra Kumar Singh	SMS Horticulture	Horticulture	Level -10, 7th CPC Rs. 63,100/-	01-07-2019	Permanent	Others
7	Subject Matter Specialist	Dr. Vishakha Singh	SMS Home Science	Home Science	Level -10, 7th CPC Rs. 57,800/-	23-03-2022	Probation	Others
8	Programme Assistant	Sri Om Prakash Sharma	Program Assistant (Agri . Engg.)	Agriculture Engineering	Level -6, 7th CPC Rs. 60,400/-	01-02-2007	Permanent	Others
9	Computer Programmer	Sri Prafulla Kumar Sio	Program Assistant (computer)	Computer	Level -6, 7th CPC Rs. 60,400/-	01-02-2007	Permanent	Others
10	Farm Manager	Sri Santosh Kumar	Farm Manager	Farm Manager	Level -6, 7th CPC Rs. 60,400/-	01-02-2007	Permanent	OBC
11	Assistant	Sri Narayan Ohdar	Assistant	Accounts	Level -6, 7th CPC Rs. 60,400/-	01-11-2007	Permanent	OBC
12	Stenographer	Sri Rahul Ray	Stenographer	Steno	Level -4, 7th CPC Rs. 32,300/-	01-09-2015	Permanent	OBC
13.	Driver	Sri Amit Bhattacharjee	Driver	Driver	Level -3, 7th CPC Rs. 36,100/-	01-11-2007	Permanent	Others
14.	Driver	Sri Rajendra Mahto	Driver	Driver	Level -3, 7th CPC Rs.23,100/	21-01-2021	Permanent	OBC
15.	Supporting staff	Sri Mohan Mahto	Supporting staff	Supporting staff	Level -1, 7th CPC Rs.29,700/	01-02-2007	Permanent	OBC
16.	Supporting staff	Sri Deepak Pahan	Supporting staff	Supporting staff	Level -1, 7th CPC Rs.21,500/	01-04-2017	Permanent	ST

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)	Name of infrastructure
1	Under Buildings	0.374	Administrative/Class Rooms/ Laboratory
2.	Under Demonstration Units	0.086	Dairy/Poultry/Mushroom Cultivation/Bee Keeping/Vermi Composting/Fisheries/Goat Farm
3.	Under Crops	23.600	Crop Cafeteria
4.	Orchard	10.00	Mango. Lirchi, Guava
5.	Agro-forestry	25.140	
6.	**Others with details**	**0.00**	
	Total	**59.20**	

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Functional/ non-functional*	Source of funding
1.	Administrative Building					Completed	1328	Under use	I.C.A.R.
2.	Farmers Hostel					Completed	788	Under use	I.C.A.R
3.	Staff Quarters (6)					Completed	621	Under use	I.C.A.R
4.	Piggery unit								
5	Fencing					Completed		Under use	RKMA
6	Rain Water harvesting structure					Completed	8775	Under use	ICAR
7	Threshing floor					Completed	567	Under use	RKVY
8	Farm godown					Completed	137.44	Under use	RKMA
9.	Dairy unit					completed	580	Under use	RKMA
10.	Poultry unit					completed	440.77	Under use	RKMA
11.	Goatry unit					2019-20	376	Under use	I.C.A.R
12.	Mushroom Lab					Completed	22.89	Under use	RKMA
13.	Mushroom production unit					Completed	31.24	Under use	RKMA
14.	Shade house					completed	446	Under use	NHM
15.	Soil test Lab					Completed	219.52	Under use	RKMA
16	Others, Please Specify								
	Agricultural Museum, Paddock, Poultry Demonstration Unit					Completed	631	Under use	Bank of India & ICAR (National award money)

* If not in use, then since when and reason for non-use

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Bike(Honda) JH01BT 8134	05/10/2015	52563	52520km as on 31/1/24	Good
Bike(Honda) JH01BT 3089	05/10/2015	52563	54356 km as on 31/1/24	Good
Tractor JH01AJ 6173	27 Dec 2010		1735 hrs	Good
Jeep (Bolero)	Jan 2024	900000	500 km as on 31/1/24	Good

C) Equipment & AV aids

Name of equipment	**Year of purchase**	**Cost (Rs.)**	**Present status**	**Source of fund**
a. Lab equipment				
Nitrogen Distillation unit	2016-17	244635.00	Good	RKVY through state Govt
EC meter	2016-17	13000.00	Good	RKVY through state Govt
Analytical Balance	2016-17	8500.00	Good	RKVY through state Govt
Digital Balance	2016-17	36565.00	Good	RKVY through state Govt
Shaker machine	2016-17		Good	RKVY through state Govt
GPS enabled camera	2016-17	42000.00	Good	RKVY through state Govt
Atomic Absorption Spectrophotometer (AAS)	2015-16	950000.00	Good	NABARD
Spectrophotometer	2015-16		Good	NABARD
Flame Photometer	2015-16		Good	RKVY through state Govt
pH meter	2015-16	11000.00	Good	RKVY through state Govt
EC meter	2015-16	13000.00	Good	RKVY through state Govt
Hot air oven	2016-17	11500.00		RKVY through state Govt

Autoclave	2017-18	108560.00	Good	KVK(EFC)
Distillation unit	2017-18	234818.00	Good	KVK(EFC)
Solar power station (25 KW)	2018-19		Good	JREDA
Solar power station (25 KW)	2022-23	550000.00	Good	KVK (TSP)
b. Farm machinery				
c. AV Aids				
Projector cum computer	2016-17	102000.00	Good	ICAR
Biometrics system	2018-19	15500.00	Good	ICAR
Printer cum photo copier	2018-19	51271.00	Good	ICAR
Scanner Machine	2018-19	4250.00	Good	ICAR
Video Conferencing System	2021-22	766164.00	Good	RKMA
Interactive Board (2pc) for class room	2021-22	236000.00	Good	RKMA

D) Farm implements

Name of implements	Year of purchase	Cost (Rs.)	Present status	Source of fund
Disc Harrow	2011-12	31800.00	Good	ICAR
Multi crop thresher	2011-12	102000.00	Good	ICAR
Self-propelled reaper	2011-12	102000.00	Good	ICAR
Rotavator	2011-12	98000.00	Good	ICAR
Cultivator	2010	16000.00	Good	ICAR
Mobile power sprayer	2010	25740.00	Good	ICAR
Raised bed planter	2008-09	70000.00	Not proper working	ICAR/CIAE
Plastic drum seeder	2013-14	6500.00	Good	ICAR/TNAU
Zero till machine	2011-12	60000.00	Good	ICAR/CIAU
Sprinkler	2011-12	35000.00	Good	GOJ
Line marker	2011-12	2000.00	Good	ICAR/GOJ
Conoweeder	2011-12	2500.00	Good	ICAR/CIAE
Twin wheel hoe	2013-14	1800.00	Good	ICAR
Mini Tractor	2014-15		Good	GOJ
Rain gun with stand	2018-19	45640.00	Good	AMRIT KRISHI

Manual Hand weeder	2018-19	6500.00	Good	KVK (ICAR)
Grass cutter Machine	2018-19	39200.00	Good	AMRIT KRISHI
Twin wheel hoe	2018-19	14000.00	Good	AMRIT KRISHI
Watering can	2018-19	1110.00	Good	AMRIT KRISHI
Grain Winnower	2018-19	52500.00	Good	KVK (ICAR)

1.8. Details SAC meeting* conducted in the year

Date	Number of Participants	Total statutory member present (State line dept.)	Salient Recommendations	Action taken	If not conducted, state reason
10/09/2022	36	15	It was suggested that Front Line Demonstrations (FLDs) should be conducted on Bio Fortified Varieties.	**225 nos. of FLD** on Mustard var. PM-30 were conducted in different locations of Ranchi district. Av. yield of 14.5 q was recorded against the 9.5 q (local check).	
			It was suggested to conduct an on campus trial to assess high value vegetables under natural farming.	A trial on broccoli was conducted in which average curd weight of 750 g was achieved.	
			It was suggested adopt IPM package and practices under natural farming demonstrations	Application of **bio-pestisides like Dashparni/ Neemastra/ Agneyastra/ Brahmastra** (as per insect incidence) at **15 days** interval along with spray of fungicidal solution (Chena Pani 150 ml + Turmeric 5 g**)** per litre water starting 20 DAT as precautionary measure has been found very effective.	
			It was suggested that KVK should promote Swarna Vasudha a promising bael variety developed by ICAR-RCER FSRCHPR, Plandu, Ranchi.	Due to availability of same season's budded plants and availability of very limited irrigation it could not be planted last year. One year old plants will be planted in next financial year	
			It was suggested that KVK should promote Swarna Vasudha a promising bael variety developed by ICAR-RCER FSRCHPR, Plandu, Ranchi.	Due to availability of same season's budded plants and availability of very limited irrigation it could not be planted last year. One year old plants will be planted in next financial year.	
			It was suggested to organize training & awareness program on production and value addition of millets in light of International Year of Millets (2023) declared by United Nations	**Three** millet based competition cum awareness programme were organized in two different blocks. **7** trainings and **18** awareness programme were organized. FLD on finger millet was also conducted in **100** acre area.	

			It was informed that Promotion of Nutri-Garden Program will be continued under FLD instead of NARI	50 Demonstrations have been conducted	
			It was suggested that photos with GPS reading must be taken in Natural Farming demo. Data of crop growth and yield should be recorded in a separate register.	Photos have been taken and data have been recorded. Details are given in a separate slide.	
			It was suggested to promote Fig and Seedless litchi in Ranchi district.	Trail have been conducted in three villages and KVK farm.	

** Salient recommendation of SAC in bullet form*
Attach a copy of SAC proceedings along with list of participants

2.a. District level data on agriculture, livestock and farming situation (2023)

Sl. No.	Items	Information
1	Major Farming system of the district	Major crop: Rice, Maize, Niger, Chickpea and pigeon pea. Major livestock –Goat, Pig, Birds, Cattle, Buffalo
2	One district one product (NITI Ayog)	Guava
2	Agro-climatic Zone	**VIIthAgro Climatic zone (eastern plateau zone (Agro-climatic Zone V)**
3	Agro ecological situation	Eastern plateau (chotanagpur) And Eastern Ghats, Hot Sub Humid Eco-Region (12.3), Moderately to Gently Sloping Chattisgarh Mahanadi Basin, Hot Moist/Dry Sub humid Transitional ESR With Deep Loamy to Clayey Red And Yellow Soils (11.0)
4	Soil type	Soil orders namely Entisols, Inceptisols and Alfisols were observed in Ranchi district. Alfisols were the dominant soils covering 71.0 percent of TGA followed by Inceptisols (17.2 %) and Entisols (9.6 %).
5	Productivity of major crops of districts	
	Paddy	2000 kg/ ha
	Wheat	2000 kg/ ha
	Pulse	925 kg/ ha
	Oilseed	695 kg/ ha
	Veg. (name)	Okara- 13.73 ton/ha, Brinjal- 19.71 ton/ha, cauliflower- 15.66 ton/ha, cabbage- 15.70 ton/ha, Tomato- 19.41 ton/ha, potato- 9.28 ton/ha, onion-19.71 ton/ha
	Fruit (Name)	Mango- 9.20 ton/ha, Guava- 9.42 ton/ha, Citrus- 8.64 ton/ha, Banana- 8.48 ton/ha, litchi- 9.47 ton/ha
	Others	Green chilli- 6.25 ton/ha, Spices- 1.10 ton/ha, Flower- 1.56 ton/ha
	Enterprises	
6	Mean yearly temperature, rainfall, humidity of the district	Average annual rainfall- 1100-1400 mm, Max. temp. 44 0C, Minimum- 5.6 0C
7	Production of major livestock products like, , etc.	

	milk	15.5 lakh tonn
	egg	
	meat	4153 lakh tonn

Note: Please give recent data only

2.b. Details of operational area / villages (2023)

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1.		- do -	Getalsud	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Bee-keeping, Lac cultivation, Organic farming
2.		- do -	Chotkigorang	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Bee-keeping, Lac cultivation, Organic farming
3.		- do -	Simratoli	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Bee-keeping, Lac cultivation, Organic farming
4.		- do -	Gundlitoli	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Bee-keeping, Lac cultivation, Organic farming
5.		- do -	Burhakocha	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig	**Paddy**- stem borer, BLB, false smut Pigeon Pea- Wilt, pod borer, sterility mosaic virus, **Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Bee-keeping, Lac cultivation, Organic farming
6.		- do -	Tirlakocha-Dhurleta	Vegetable , Rice, Maize, Niger, Chickpea and pigeon pea, Lac	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus, **Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Bee-keeping, Lac cultivation, Organic farming
7.		- do -	Kuturloba	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Bee-keeping, Lac cultivation, Organic farming
8.		- do -	Sursu	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig, Lac	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Bee-keeping, Lac cultivation, Organic farming

9.		- do -	Kucchu	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig	**Paddy**- stem borer, BLB, false smut Pigeon Pea- Wilt, pod borer, sterility mosaic virus, **Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Bee-keeping, Lac cultivation, Organic farming
10.		- do -	Badri	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig	**Paddy**- stem borer, BLB, false smut Pigeon Pea- Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Bee-keeping, Lac cultivation, Organic farming
11.		- do -	Obar	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig, Lac, Beekeeping	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran&potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Bee-keeping, Lac cultivation, Organic farming
12.		- do -	Barwatoli	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Bee-keeping, Lac cultivation, Organic farming
13.		Angara	Nagrabera	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig	**Paddy**- stem borer, BLB, false smut Pigeon Pea- Wilt, pod borer, sterility mosaic virus, **Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Bee-keeping, Lac cultivation, Organic farming
14.		- do -	Mahuwagungri	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird	**Paddy**- stem borer, BLB, false smut Pigeon Pea- Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Bee-keeping, Lac cultivation, Organic farming
15.		- do -	Sirka	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig	**Paddy**- stem borer, BLB, false smut Pigeon Pea- Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Bee-keeping, Lac cultivation, Organic farming
16.		- do -	Putadag	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig, Lac	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Bee-keeping, Lac cultivation, Organic farming

17.		- do -	Angara	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Bee-keeping, Lac cultivation, Organic farming
18.		Angara	Hahe	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Bee-keeping, Lac cultivation, Organic farming
19.		- do -	Sarjamdih	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Bee-keeping, Lac cultivation, Organic farming
20.		- do -	Parastoli	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig	**Paddy**- stem borer, BLB, false smut Pigeon Pea- Wilt, pod borer, sterility mosaic virus, **Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Bee-keeping, Lac cultivation, Organic farming
21.		- do -	Hundru	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig	**Paddy**- stem borer, BLB, false smut Pigeon Pea- Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Bee-keeping, Lac cultivation, Organic farming
22.		Angara	Hundrujara	Bamboo craft, Rice, & Animal Husbandry	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Bee-keeping, Lac cultivation, Organic farming
23.		Tamar	Baisnadih	Vegetable, Pigeon Pea, paddy, Goatery, Poultry	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Bee-keeping, Lac cultivation, Organic farming
24.		Tamar	Bhuiyadih	Vegetable, Pigeon Pea, paddy, Goatery, Poultry	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Vegetable cultivation, Goatery, Organic farming, Pulse cultivation

25.		- do -	Kothadih	Vegetable, Pigeon Pea, paddy, Goatery, Poultry	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Vegetable cultivation, Goatery, Organic farming, Pulse cultivation
26.		- do -	Kuchru	Vegetable, Pigeon Pea, paddy, Goatery, Poultry	**Paddy**- stem borer, BLB, false smut Pigeon Pea- Wilt, pod borer, sterility mosaic virus, **Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Vegetable cultivation, Goatery, Organic farming, Pulse cultivation
27.		Tamar	Chipibandhdih	Vegetable, Pigeon Pea, paddy, Goatery, Poultry	**Paddy**- stem borer, BLB, false smut Pigeon Pea- Wilt, pod borer, sterility mosaic virus, **Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Vegetable cultivation, Goatery, Organic farming, Pulse cultivation
28.		Ratu	Tigranayatoli	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig	**Paddy**- stem borer, BLB, false smut Pigeon Pea- Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Vegetable cultivation, Goatery, Organic farming, Pulse cultivation
29.		Bero	Kathartoli	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Vegetable cultivation, Goatery, Organic farming, Pulse cultivation
30.		- do -	Sarnatoli	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Vegetable cultivation, Goatery, Organic farming, Pulse cultivation
31.		- do -	Kokre	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig	**Paddy**- stem borer, BLB, false smut Pigeon Pea- Wilt, pod borer, sterility mosaic virus, **Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Vegetable cultivation, Goatery, Organic farming, Pulse cultivation
32.		Bero	Lamkana	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig	**Paddy**- stem borer, BLB, false smut Pigeon Pea- Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Vegetable cultivation, Goatery, Organic farming, Pulse cultivation

33.		Chanho	Lundri	Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Bird, Pig	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Vegetable cultivation, Goatery, Organic farming, Pulse cultivation
34.		Burmu	Soba	Vegetable, Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Cow	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Vegetable cultivation, Goatery, Organic farming, Pulse cultivation
35.		- do -	Baraudi	Vegetable, Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Cow	**Paddy**- stem borer, BLB, false smut Pigeon Pea- Wilt, pod borer, sterility mosaic virus, **Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Vegetable cultivation, Goatery, Organic farming, Pulse cultivation
36.		- do -	Khakra	Vegetable, Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Cow	**Paddy**- stem borer, BLB, false smut Pigeon Pea- Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Vegetable cultivation, Goatery, Organic farming, Pulse cultivation
37.		- do -	Kharkutoli	Vegetable, Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Cow	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Vegetable cultivation, Goatery, Organic farming, Pulse cultivation
38.		- do -	Hesalpiri	Vegetable, Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Cow	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Vegetable cultivation, Goatery, Organic farming, Pulse cultivation
39.		Burmu	Gesway	Vegetable, Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Cow	**Paddy**- stem borer, BLB, false smut Pigeon Pea- Wilt, pod borer, sterility mosaic virus, **Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Vegetable cultivation, Goatery, Organic farming, Pulse cultivation
40.		- do -	Lawagara	Vegetable, Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Cow	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Vegetable cultivation, Goatery, Organic farming, Pulse cultivation

41.		Burmu	Katingdiri	Vegetable, Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Cow	**Paddy**- stem borer, BLB, false smut Pigeon Pea- Wilt, pod borer, sterility mosaic virus, **Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Vegetable cultivation, Goatery, Organic farming, Pulse cultivation
42.		Mandar	Gurgurjari	Vegetable, Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Cow	**Paddy**- stem borer, BLB, false smut, **Pigeon Pea-** Wilt, pod borer, sterility mosaic virus,**Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Vegetable cultivation, Goatery, Organic farming, Pulse cultivation
43.		Lapung	Jhinki	Vegetable, Rice, Maize, Niger, Chickpea and pigeon pea & Goat, Cow	**Paddy**- stem borer, BLB, false smut Pigeon Pea- Wilt, pod borer, sterility mosaic virus, **Tomato-** Wilt, early& late blight, fruit borer, leaf curl virus, calcium, boran& potassium deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	Vegetable cultivation, Goatery, Organic farming, Pulse cultivation

2. c. Details of village adoption programme during 2023:

Name of the villages adopted by Sr. Scientist & Head and SMS (in year 2023) for its development and action plan

Name of village	Block	Action taken for development
Barkigorang,	Angara	➢ Azolla unit-4 ➢ Bird cum duck unit- 2 ➢ Training Green Gram under CFLD
Soso	Angara	➢ Azolla unit-2 ➢ Bird cum duck unit- 2 Training, Green Gram under CFLD
Nawagarh,	Angara	➢ Azolla unit-5 ➢ Bird cum duck unit- 2 ➢ Training CFLD on sunflower, Green Gram
Rangamati,	Angara	➢ Azolla unit-3 ➢ Bird cum duck unit- 2 ➢ Cow floor for liquid manure- 30 ➢ Farmers Scientist interaction on Natural Farming ➢ Green Gram under CFLD Bee-box distribution under ARYA project
Ober	Angara	➢ Azolla unit-4 ➢ Bird cum duck unit- 2

		➢ Training ➢ CFLD on sunflower, Green Gram ➢ Bee-box distribution under ARYA project Promotion of lac cultivation under ARYA project

2.1 Priority thrust areas of KVKs

S. No	Thrust area
1.	Demonstration of **low costsustainable**, **climate resilient,attractive and remunerative** agricultural technology
2.	Formation of producers groups for different produces like organic vegetables, lac, honey, animal etc. small and large for management of the products and facilitate the process of marketing of products. The small group will function as core implementing agency in association with KVK.
3.	Conducting long and short duration, residential vocational training for self-employment to the rural youth.
4.	Production of quality seed by progressive farmers of our adopted village
5.	Formation of self-help groups & village level organization for integrated development
6.	Up gradation of breed improvement through natural and Artificial Insemination (AI) programme
7.	Promotion of Back Yard Poultry and duck farming in the village
8.	Awareness on Creation of Water Harvesting Technique

3. TECHNICAL ACHIEVEMENTS

3.1. Summary details of target and achievement of mandatory activities by KVK during the year 2023

OFT												FLD										
No. of technologies tested:												No. of technologies demonstrated:										
Number of OFTs		Number of farmers										Number of FLDs		Number of farmers								
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement							
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
13	12	129	0	1	34	40	30	31	64	72	136	232	377	232	2	4	165	140	110	69	277	213	490

Training											Extension activities										
Number of Courses		Number of Participants									Number of activities		Number of participants								
Target	Achievement	Target	Achievement								Target	Achievement	Target	Achievement							
			SC		ST		Others		Total					SC		ST		Others		Total	
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
134	169	3976	22	48	1481	1915	820	470	2323	2433	4756	134	379	35941	1021	2382	1131	2639	6969	2293	4390	2996	7366

Impact of capacity building											Impact of Extension activities										
Number of Participants trained		Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)									Number of Participants attended		Number of participants got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)								
Target	Achievement	SC		ST		Others		Total			Target	Achievement	SC		ST		Others		Total		
		M	F	M	F	M	F	M	F	T			M	F	M	F	M	F	M	F	T
3976	4756	2	0	90	2	58	4	150	6	156	35941	73666	25	10	156	47	115	65	296	122	418

Seed production (q)			Planting material (in Lakh)		
Target (Crop and variety)	Achievement (q)	Sold (q)	Target (crop and variety)	Achievement	Sold (number)
Paddy-130	143.47	143.47	Mango-0.1	0.00745	0.00745
Pigeon Pea-5	15.30	15.30	Guava-0.03	0.00186	0.00186
Green Gram-6	0	0	Litchi-0.02	0.00657	0.00657

Black Gram-10	0	0	Vegetable Seedlings-0.5	0.21159	0.21159
Pea-30	16.65	16.65	Other Hort. Crop-0.05	0.28159	0.28159
Wheat-30	64.80	64.80			
Mustard-15	25.19	25.19			
Potato-200	63.50	63.50			
Sesbania-4	6.14	6.14			
Gram-6	9.75	9.75			
Linseed-2	1.78	1.78			
EFY-160	76.28	76.28			
Finger Millet	19.87	19.87			
Sunn hemp	4.2	4.2			
Tephrosia	3.1	3.1			

Livestock strains (in no's) and fish fingerlings produced (in lakh)*		**Soil, water, plant, manures samples tested (in lakh)**	
Target	Achievement	Target	Achievement
0.5	**0.75245**	0.003	0.00333

* Give no. only in case of fish fingerlings

3.2 ACHIEVEMENTS ON TECHNOLOGIES ASSESSED AND REFINED (OFT)

3.2. 1 Technology Assessed by KVK (Discipline wise)

A	**Technologies assessed under various crops (Cereal Crop Production)**			
	Thematic areas	**Number of the technologies (Technology Interventions)**	**No. of trials**	**No. of Locations**
1	Integrated Nutrient Management	-	-	-
2	Varietal Evaluation	-	-	-
3	Integrated Pest Management	-	-	-
4	Integrated Crop Management	-	-	-
5	Integrated Disease Management	-	-	-
6	Small Scale Income Generation Enterprises	-	-	-
7	Weed Management	-	-	-
8	Resource Conservation Technology	-	-	-
9	Farm Machineries	-	-	-

10	Integrated Farming System	-	-	-
11	Seed / Plant production	-	-	-
12	Post Harvest Technology / Value addition	-	-	-
13	Drudgery Reduction	-	-	-
14	Storage Technique	-	-	-
15	Others (Pl. specify)	-	-	-
16	Cropping Systems	-	-	-
17	Farm Mechanization	-	-	-
18	Others	2	20	2
	Total	**2**	**20**	**2**
B	**Technologies assessed under various crops (Hort. crops.)**			
	Thematic areas	**Number of the technologies (Technology Interventions)**	**No. of trials**	**No. of locations**
1	Integrated Nutrient Management	-	-	-
2	Varietal Evaluation	-	-	-
3	Integrated Pest Management	-	-	-
4	Integrated Crop Management	1	14	2
5	Integrated Disease Management	4	42	5
6	Small Scale Income Generation Enterprises	-	-	-
7	Weed Management	-	-	-
8	Resource Conservation Technology	-	-	-
9	Post-harvest Technology / Value addition	-	-	-
10	Others if any specify		-	-
	Total	5	56	7
C	**Technologies assessed under livestock & Fisheries by KVKs**			
	Thematic areas	**No. of technologies (Technology Interventions)**	**No. of trials**	**No. of locations**
1	Disease & Health Management	-	-	-
2	Breeding management/Evaluation of Breeds	-	-	-
3	Feed and Fodder management	-	-	-
4	Nutrition Management	2	39	1
5	Production and Management	-	-	-

6	Processing and Value addition	-	-	-
7	Fisheries management	-	-	-
8	Others (waste, ITK etc)	-	-	-
	Total	**02**	**39**	**0**
D	**Technologies assessed under miscellaneous enterprises by KVKs**			
	Thematic areas	**No. of technologies (Technology Interventions)**	**No. of trials**	**No. of locations**
1	Drudgery reduction	-	-	-
2	Entrepreneurship Development	-	-	-
3	Health and nutrition	-	-	-
4	Processing and value addition	2	20	2
5	Energy conservation	-	-	-
6	Small-scale income generation	-	-	-
7	Storage techniques	-	-	-
8	Household food security	-	-	-
9	Organic farming	-	-	-
10	Agroforestry management	-	-	-
11	Mechanization	-	-	-
12	Resource conservation technology	-	-	-
13	Value Addition	-	-	-
14	Others	-	-	-
	Total	**02**	**20**	**02**
E	**Technologies assessed under various enterprises for women empowerment**			
	Thematic areas	**No. of technologies (Technology Interventions)**	**No. of trials**	**No. of locations**
1	Drudgery Reduction			
2	Entrepreneurship Development			
3	Health and Nutrition			
4	Value Addition			
5	Others			
	Total	**0**	**0**	**0**

3.2.2 OFT (All discipline)

OFT 1 – Agronomy (2022-23)

- **Thematic area:** Crop Management
- **Problem definition/Name of OFT**
  Imbalanced use of Urea as a source of nitrogen affects the crop yield as well as soil health. Further, increasing price of urea increases the total cost of production also.

1.	Title of On farm Trial	**Improvement of Nitrogen use efficiency in wheat.**
2.	Problem diagnosed	Imbalance use of chemical fertilizer and Spiraling price of urea leads to increase in cost of cultivation.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Technology assessed** **Farmer practice (FP):** RDF (100:60:40) kg/ha **Technology Option 1 (TO 1):** 50 % of RDN & 100% P K + Nano urea @ 4 ml/lt. water (Single spray at 35 days). **Technology Option 2 (TO 2):**50 % of RDN & 100 % P K + 2 sprays of Nano Urea at (35 Days) and (60-65 Days) @ 4 ml/ ltr. water. **Variety -** DBW 187 (Karan Vandana)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BAU, Ranchi, RPCAU, Pusa and ICAR - RCER, Patna
5.	Production system and thematic area	Irrigated crop production and management
6.	Performance of the Technology with performance indicators	Both the technological options were found better than Farmer's practice in terms of yield, Net Return and B:C ratio. However, maximum yield (37.58 q/ha), Net Return (33237.70) and B:C ratio (1.78) were recorded with Technological Option 2 i.e. application of 50% of RDN & 100% P & K + 2 sprays of Nano Urea (at 35 Days and 60-65 Days) @ 4 ml/ltr water.
7.	Final recommendation for micro level situation	Technology Option (TO_2) is better than T_1 and FP due to B:C ratio is high 1.78 and net return Rs. 33237.7/ha. Both (TO_2 & FP) technologies recommended for the farmers of the district.
8.	Constraints identified and feedback for research	No constraint was identified.
9.	Process of farmers participation and their reaction	Farmers were involved in participatory approach they are satisfied the testing and very much enthusiastic about the findings.

Result

Both the technological options were found better than Farmer's practice in terms of yield, Net Return and B:C ratio. However, maximum yield (37.58 q/ha), Net Return (33237.70) and B:C ratio (1.78) were recorded with Technological Option 2 i.e. application of 50% of RDN & 100% P & K + 2 sprays of Nano Urea (at 35 Days and 60-65 Days) @ 4 ml/ltr water.

Table 1: Effect of nano-urea application on yield and economics of wheat production

Thematic area	Technology option	No. of trials	Days to maturity	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs./ha)	Net return (Rs./ha)	B:C ratio
Crop production and management	**FP:** RDF (100:60:40) Kg/ha	10	120	36.05	41930.00	72640.75	30710.75	1.73
	TO 1:50% of RDN & 100% PK + Nano urea @ 4ml/lt. water (Single spray at 35 days).	10	118	35.30	41881.00	71129.50	29248.50	1.69
	TO 2: 50% of RDN & 100% PK + 2 sprays of Nano Urea at (35 Days) and (60-65 Days) @ 4ml/ltr. water	10	122	37.58	42486.00	75723.70	33237.70	1.78

Table 2:Effect of nano-urea application on different growth parameters of wheat production

Thematic area	Treatment	Plant height in cm	Number of total tiller M^{-2}	Number of grains ear head $^{-1}$	Dry matter accumulation (g plant^{-1})	Ear length (cm)	Test weight (g)	Grain yield (q ha^{-1})	Straw yield (q ha^{-1})	Biological yield (q ha^{-1})
Crop production and management	**FP : RDF (100:60:40) kg/ha**	85.08	329.78	24.36	19.78	8.96	39.59	36.05	37.45	73.50
	TO 1:50% of RDN & 100% PK + Nano Urea @ 4 ml/lt. water (Single spray at 35 days)	79.22	323.28	23.65	18.49	8.76	39.16	35.30	37.41	72.71
	TO 2: 50% of RDN & 100% PK + 2 sprays of Nano Urea at (35 Days) and (60-65 Days) @ 4ml/ltr. water	82.85	343.49	25.98	21.37	9.17	40.98	37.58	38.33	75.91
	Note : Variety DBW187 (Karan Bandana)									

Photographs of OFT

		
OFT Training Programme at Khaksitoli	**OFT Input Distribution at Khaksitoli**	**OFT Farmer Field**
		
OFT Farmer Field (FP)	**OFT Farmer Field (TO 1)**	**OFT Farmer Field (TO 2)**

OFT 2 – Agronomy (2022-23)

- **Thematic area:** Crop Management
- **Problem definition/ Name of OFT:**Injudicious use of chemical fertilizers

1.	Title of On farm Trial	**Integration of fertilizer in different form on yield of lentil.**
2.	Problem diagnosed	Injudicious use of chemical fertilizers
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmer practice (FP):** Seed Treatment + RDF (20:50:25:20) kgN:P:K:S/ha **Technological Option 1 (TO 1):** 50% of RDF + WS 19:19:19 @5 gm/ltr water (Single spray at pre flowering stage) **Technological Option 2 (TO 2):** Seed treatment with PSB + Rhizobium, 50% of RDF + WS 18:18:18 @5 gm/ltr water (Single spray at pre flowering stage) (RDF, concerned SAU/ICAR recommendation)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BAU Sabour, BAU Ranchi and RPCAU Pusa, ICAR RCER Patna
5.	Production system and thematic area	Irrigated, crop production
6.	Performance of the Technology with performance indicators	As per the data recorded in the present OFT, Technological Option (TO 2) was found superior than Technological Option (TO 1) and Farmer's Practice in terms of growth parameters like plant height (35.78 cm), no. of pods/ plant (71.23), no. of branches / plant(3.25), yield (9.50 q/ha), Net Return (25541.5) and B:C ratio (1.81).
7.	Final recommendation for micro level situation	In order to achieve better yield and net return from lentil cultivation, Seed treatment with PSB + Rhizobium along with 50% of RDF and single spray of WS 18:18:18 @5 gm/ltr water at pre flowering stage is recommended for farmers of Ranchi district.
8.	Constraints identified and feedback for research	No constraints identified.
9.	Process of farmers participation and their reaction	Farmers were involved in participatory approach they are satisfied the testing and very much enthusiastic about the findings

Result

As per the data recorded in the present OFT, Technology Option (TO 2) was found superior than Technological Option (TO 1) and Farmer's Practice in terms of growth parameters like plant height (35.78 cm), no. of pods/ plant (71.23), no. of branches / plant (3.25), yield (9.50 q/ha), Net Return (25541.5) and B:C ratio (1.81).

Table 1: Yield and economics of lentil crop affected by different treatments under On Farm Trial

Thematic area	Technology options	No. of trials	Days to maturity	Yield (q/ha)	Cost of cultivation(Rs./ha)	Gross return (Rs./ha)	Net return (Rs./ha)	BC ratio
Crop management	**FP:** Seed Treatment + RDF (20:50:25) Kg N:P:K/ha	10	114	9.25	33047.00	55500.00	22453.00	1.67
	TO 1: : 50% of RDF + WS 19:19:19 @5 gm/ltr water (Single spray at pre flowering stage)	10	110	8.95	31218.50	53700.00	22481.50	1.72
	TO 2: Seed treatment with PSB + Rhizobium, 50% of RDF + WS 19:19:19 @5 gm/ltr water (Single spray at pre flowering stage)	10	112	9.50	31458.50	57000.00	25541.5	1.81
Note : Variety IPL316								

Table 2: Growth parameters of lentil affected by different treatments under On Farm Trial

Technology option	Plant height in cm	Number of pod /plant	Dry matter accumulation (g plant^{-1})	Number of branches (plant^{-1})	Test Grain Weight (g)	Grain yield q/ha	Straw Yield (q/ha^{-1})
FP: Seed Treatment + RDF (20:50:25) Kg N:P:K/ha	35.49	68.75	11.23	3.07	28.50	9.25	18.16
TO 1: : 50% of RDF + WS 19:19:19 @5 gm/ltr water (Single spray at pre flowering stage)	34.25	67.10	11.63	3.00	27.26	8.95	17.50
TO 2: Seed treatment with PSB + Rhizobium, 50% of RDF + WS 19:19:19 @5 gm/ltr water (Single spray at pre flowering stage)	35.78	71.23	12.15	3.25	29.76	9.50	18.95
Note : Variety IPL316							

		
OFT Training Programme at Mahadevtoli	**OFT Input Distribution at Mahadevtoli**	**OFT Farmer Field**
		
OFT Farmer Field (FP)	**OFT Farmer Field (T1)**	**OFT Farmer Field (T2)**

OFT 3 - Agronomy (2023-24)

Thematic area: Crop Management

Problem definition/ Name of the OFT : Excessive use of chemical fertilizer and Spiraling price of urea leads to increase in cost of cultivation

1.	Title of On farm Trial	**Improvement of Nitrogen use efficiency in wheat.**
2.	Problem diagnosed	Excessive use of chemical fertilizer and Spiraling price of urea leads to increase in cost of cultivation
3.	Details of technologies selected for assessment/ refinement (Mention either Assessed or Refined)	**Farmer Practice (FP): RDF (100:40:20) kg/ha** **Technological Option 1 (TO 1) :** 50% of RDN & 100% PK + Nano urea @ 4ml/lt. water (Single spray at 35 days). **Technological Option 2 (TO 2) :**50% of RDN & 100% PK + 2 sprays of Nano Urea at (35 Days) and (60-65 Days) @ 4ml/ltr water.

4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BUA Ranchi and RPCAU, Pusa, ICAR RCER, Patna
5.	Production system and thematic area	Irrigated, crop production
6.	Performance of the Technology with performance indicators	Trial is ongoing
7.	Final recommendation for micro level situation	Trial is ongoing
8.	Constraints identified and feedback for research	Trial is ongoing
9.	Process of farmers participation and their reaction	Farmers were involved in participatory approach they are satisfied the testing and very much enthusiastic about the findings.

Result - Awaited (Trial is ongoing)

Photographs of trial

Input distribution under On Farm Trial of Agronomy

OFT 4 - Agronomy (2023-24)

Thematic area: Crop Management

Problem definition/ Name of the OFT : Injudicious use of chemical fertilizer

1.	Title of On farm Trial	**Integration of fertilizer in different form on yield of lentil.**
2.	Problem diagnosed	Injudicious use of chemical fertilizer
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmer practice (FP):** Seed Treatment + RDF **Technology Option 1 (TO 1):** 50% of RDF + WS 18:18:18 @5 gm/ltr water (Single spray at pre flowering stage) **Technology Option 2 (TO 2):**Seed treatment with PSB + Rhizobium, 50% of RDF + WS 18:18:18 @5 gm/ltr water (Single spray at pre flowering stage) (RDF, concerned SAU/ICAR recommendation)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BAU Sabour
5.	Production system and thematic area	Irrigated, crop production
6.	Performance of the Technology with performance indicators	Result awaited (Trial is ongoing)
7.	Final recommendation for micro level situation	Result awaited (Trial is ongoing)
8.	Constraints identified and feedback for research	Result awaited (Trial is ongoing)
9.	Process of farmers participation and their reaction	Farmers were involved in participatory approach they are satisfied the testing and very much enthusiastic about the findings

Result - Awaited (Trial is ongoing)

Photographs of trial

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<tr><td colspan="2">Input distribution</td></tr>
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OFT 5 – Genetics and plant breeding (2022-23)

- **Thematic area:** Crop Production
- **Problem definition/ Name of the OFT:** Low yield due to presence of more numbers of male flowers in gourd family (Cucurbitaceae) which do not produce fruit as they act as pollinators only. Cutting of branches in bitter gourd, may increase in the ratio of female flowers which will positively affect yield.

1.	Title of On farm Trial	Augmenting cucurbits (bitter gourd) production in Ranchi district by using different cutting techniques.

2.	Problem diagnosed	Low yield due to presence of more numbers of male flowers in gourd family (Cucurbitaceae) which do not produce fruit as they act as pollinators only.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmer practice (FP) :**No cutting **Technology Option 1 (TO 1)**: Cutting of apical tip about 4-5 inches after the main branch reaches the height of about 6-7 feet. **Technology Option 2 (TO 2)**: T1 + removal of apical tip again when the secondary branch reaches the height of 2-3 feet.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Chaudhary Charan Singh Haryana Agricultural University, Hisar, Haryana.
5.	Production system and thematic area	Vegetable based production system and crop production
6.	Performance of the Technology with performance indicators	OFT started in the month of December 2022. Seedlings of bittergourd were transplanted on 3rd February 2023. Cutting practices of apical tip of main branch and lateral branches significantly increased yield of bitter gourd.Cutting of apical tip of main branch (TO 1) increased the yield of bitter gourd by 14.54 % over no cutting practices (FP) and cutting practices of apical tips of both the branches *i.e*. main branch and secondary branches (TO 2) increased the yield by 29.43% of bitter gourd over farmer's practice and 14.60% over treatment 1.
7.	Final recommendation for micro level situation	Cutting of apical tip about 4-5 inches after the main branch reaches the height of about 6-7 feet and removal of apical tip again when the secondary branch reaches the height of 2-3 feet is fruitful for farmers for getting better yield. Farmer can increase overall crop yield very easily. Without using chemical fertilizers and practicing this technique alone can help to increase overall crop yield.
8.	Constraints identified and feedback for research	This technique is labor intensive however, due to its significant effect on yield (29.43 %increases), farmers are ready to use this technique in cultivation of bitter gourd. The selling price of bitter gourd is never less than Rs. 30/- per kg and farmers always try to get better yield. So, using this technique they will get better yield and profit from bitter gourd cultivation.
9.	Process of farmers participation and their reaction	Farmers were selected for OFT on the basis of information received from survey and discussion with farmers. After that, seed of bitter gourd was distributed among 7 farmers of village Devgain, Namkum, Ranchi on pilot basis. They were then motivated and trained in cutting techniques in bitter gourd.

Result

Based on the result presented in the following table, it can be concluded that cutting of apical tip about 4-5 inches after the main branch reaches the height of about 6-7 feet and removal of apical tip again when the secondary branch reaches the height of 2-3 feet was significantly increased yield of

bitter gourd (14.60 t/ha) followed by treatment 1(cutting of apical tip about 4-5 inches after the main branch reaches the height of about 6-7 feet) whereas farmer's practice had yield of 11.28 t/ha. In terms of benefit-cost, treatment 2 had maximum B:C ratio i.e. 24.38% more than farmer's practice.

Table 1: Effect of different cutting techniques on yield and economics of bitter gourd production

Thematic area	Technology options	No. of trials	Yield (Tonn/ha)	Cost of cultivation(Rs./ha)	Gross return (Rs./ha)	Net return (Rs./ha)	BC ratio
Crop Production	**FP:** No cutting	7	11.28	101000	451200	350200	4.47
	TO 1: Cutting of apical tip about 4-5 inches after the main branch reaches the height of about 6-7 feet.		12.92	103200	516800	413600	5.01
	TO 2: T1 + removal of apical tip again when the secondary branch reaches the height of 2-3 feet.		14.60	105000	584000	479000	5.56
	C.D. at 5%		**2.13**				

Photographs of OFT

Training at Devgayin, Namkum under OFT

Seed Distribution

Seedling transplanted in to main field

Crop at growth stage

Scientist visit to Farmer's OFT field

Farmer's Practice

Technology Option 1

Technology Option 2

Effect of cutting of apical tip of braches in Bitter Gourd

OFT 6 – Genetics and Plant Breeding (2022-23)

Thematic area: Crop Production

Problem definition / Name of the OFT: Low crop productivity as compared to state as well as national productivity due to high incidence of different diseases like Leaf Curl Virus, Bacterial Wilt, Early and late Blight.

1.	Title of On farm Trial	Evaluation of grafted tomato for yield and disease resistance.
2.	Problem diagnosed	High rate of plant mortality due to severe infestation of soil borne diseases like bacterial and *fusarium* wilt in tomato.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmer practice (FP):**Sowing of hybrid variety **Technology Option 1 (TO 1):**Sowing of non-grafted tomato hybrid variety RCDTH-21 **Technology Option 2 (TO 2):**Sowing of grafted tomato variety RCDTH-21
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR-RCER, FSRCHPR, Ranchi
5.	Production system and thematic area	Vegetable based production system and crop production
6.	Performance of the Technology with performance indicators	The present study revealed that grafted tomato variety RCDTH-21significantly increased yield by 49.77 % and decreased wilt incidence % by 81% in comparison to farmer's variety but marketability of this variety was very poor due to its shorter shelf life.
7.	Final recommendation for micro level situation	Using of grafted tomato for exploiting the yield potential and better growth ability would be a potential tool for growing tomatoes in off season and to avoid *fusarium* wilt incidence. However, as per findings of short marketability of the variety RCDTH-21, it is recommended for transplanting of tomato plants grafted with other tomato varieties suitable particularly for Kharif season.
8.	Constraints identified and feedback for research	Grafted tomato variety RCDTH-21 has poor marketability and shorter shelf life.
9.	Process of farmers participation and their reaction	Tomato seedlings of Laxmi 5005, grafted and non-grafted tomato var. RCDTH-21distributed among 7 farmers of Kashi toli of Angara block on pilot basis. Farmers were then motivated and trained time to time for cultivation. The farmers were very satisfied with the performance of the grafted tomato at growth stage but after harvesting they had faced problem in marketing due to shorter shelf life of the produce.

Result

Result: Based on the above data recorded and presented in the following table, it can be concluded that grafted tomato var. RCDTH-21 had maximum yield (65.3t/ha) followed by non-grafted RCDTH-21 (44.2t/ha) whereas farmer's variety had yield of 43.6 t/ha. In context to wilt incidence percentage grafted tomato had minimum wilt incidence (1.64%). Variety RCDTH-21 had very thin skin and cracks appeared during marketing so the price of this variety of tomato is less than farmer's variety. So, in context of benefit-cost, farmer's variety had maximum B:C ratio due to its better selling price.

Table 1:Effect of grafting technique on disease incidence, yield and economics of tomato crop

Thematic area	Technology options	No. of trials	Wilt percentage	Yield (Tonn/ha)	Cost of cultivation(Rs./ha)	Gross return (Rs./ha)	Net return (Rs./ha)	B:C ratio
Crop production	**FP:** Sowing of hybrid variety	**7**	8.62	43.6	166300.00	436000	269700.00	2.62
	TO 1: Sowing of non-grafted tomato hybrid variety RCDTH.		4.16	44.2	162600.00	309400	146800.00	1.90
	TO 2: Sowing of grafted tomato variety RCDTH		1.64	65.3	222467.00	457100	234633.00	2.05
	C.D. at 5%		**2.001**	**3.88**	**-**	**-**	**-**	**-**

Photographs of OFT

		
Nursery Raising by Farmers	**Seedling distribution to farmers**	**Field preparation for transplanting**

		
Growth stages of tomato		

		
FP: Laxmi 5005	**TO 1: Non-grafted of tomato var. RCDTH-21**	**TO 2: Grafted tomato var. RCDTH-21**

			
Fruit cracking in RCDTH 21	**Wilted plant in FP**	**Fruit cracking after harvesting**	

OFT 7 – Genetics and Plant Breeding (2023-24)

Result: Based on the above findings it can be concluded that cutting of apical tip about 4-5 inches after the main branch reaches the height of about 6-7 feet and removal of apical tip again when the secondary branch reaches the height of 2-3 feet was significantly increased yield of bitter gourd (13.48 t/ha) followed by treatment 1(cutting of apical tip about 4-5 inches after the main branch reaches the height of about 6-7 feet)whereas farmer's practice had yield of 10.42 t/ha. In terms of benefit-cost, treatment 2 had maximum B:C ratio i.e. 23.02% more than farmer's practice.

Table: 1: Effect of cutting of apical branches on yield and economics of bitter gourd

Thematic area	Technology options	No. of trials	Yield (Tonn/ha)	Cost of cultivation(Rs./ha)	Gross return (Rs./ha)	Net Return (Rs./ha)	B:C ratio
Crop production	**FP:** No cutting	7	10.42	103100	416800	313700	4.04
	TO 1: Cutting of apical tip about 4-5 inches after the main branch reaches the height of about 6-7 feet.		11.86	105600	474400	368800	4.49
	TO 2: TO 1 + removal of apical tip again when the secondary branch reaches the height of 2-3 feet.		13.48	108400	539200	430800	4.97
	C.D. at 5%		**2.13**				

Photographs of On Farm Trial

Training and seed distribution at Hindebili, Ormanjhi

Growth stages of Bitter gourd crop under OFT

FP

TO 1

TO 2

Effect of cutting of apical tip of branches in Bitter gourd

OFT - Genetics and Plant Breeding (2023-24)

Thematic area: Crop Production

Problem definition/ Name of the OFT: Ranchi district has the highest area (3932.53 ha) under tomato crop. About 17.8 % of total tomato is produced in the district. But the productivity of the crop is low as compared to state as well as country productivity due to several reasons. Out of which pest and disease attack is one of the major challenges in the district. In the district, tomato is affected by many diseases like Leaf Curl Virus, Bacterial Wilt, Early and late Blight which cause loss in yield drastically.

1.	Title of On farm Trial	Evaluation of grafted tomato for yield and disease resistance.
2.	Problem diagnosed	Plants die due to severe infestation of soil borne diseases like bacterial and *Fusarium* wilt in tomato.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmers practice(FP)**: Sowing of hybrid variety **Technology Option 1 (TO 1)**: Sowing of non-grafted tomato hybrid variety RCDTH-21 **Technology Option 2 (TO 2) :**Sowing of grafted tomato variety RCDTH-21
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR-RCER, FSRCHPR, Ranchi
5.	Production system and thematic area	Vegetable based production system and crop production
6.	Performance of the Technology with performance indicators	The present study revealed that grafted tomato variety RCDTH-21 significantly increased yield by 53.15 % and decreased wilt incidence % by 78.91% in comparison to farmer's variety but marketability of this variety was very poor due to its shorter shelf life.
7.	Final recommendation for micro level situation	Using of grafted tomato for exploiting the yield potential and better growth ability would be a potential tool for growing tomatoes in off season and to avoid *Fusarium* wilt incidence. However, as per findings of short marketability of the variety RCDTH-21, it is recommended for transplanting of tomato plants grafted with other tomato varieties suitable particularly for Kharif season.

8.	Constraints identified and feedback for research	Grafted tomato variety RCDTH-21 has poor marketability and shorter shelf life.
9.	Process of farmers participation and their reaction	Tomato seedlings of Laxmi 5005, grafted and non-grafted tomato var. RCDTH-21 distributed among 7 farmers of Hindebilli village of Ormanjhi block on pilot basis in the month of June 23. Farmers were then motivated and trained time to time for cultivation. The farmers were very happy with the performance of the grafted tomato at growth stage but after harvesting they had faced problem in marketing due to their shorter shelf life.

Technology assessed: Assessment of grafted tomato variety RCDTH-21 for yield and disease resistance

Table 1: Effect of grafting technique on disease incidence, yield and economics of tomato crop

Thematic area	**Technology option**	**No. of trials**	**Wilt Incidence %**	**Yield (Tonn/ha)**	**Cost of cultivation(Rs./ha)**	**Gross return (Rs./ha)**	**Net return (Rs./ha)**	**B:C ratio**	
Crop Production	**FP:** Sowing of hybrid variety	**7**	9.53	41.2	160100.00	453200	293100.00	2.83	
	TO 1: Sowing of non-grafted tomato hybrid variety RCDTH.		5.36	42.4	166800.00	318000	151200.00	1.91	
	TO 2: Sowing of grafted tomato variety RCDTH		2.01	63.1	218560.00	441700	223140.00	2.02	
	C.D. at 5%		2.001	3.88					

Results: Based on the above findings it can be concluded that grafted tomato var. RCDTH-21 had maximum yield (63.1t/ha) followed by non-grafted RCDTH-21 (42.4t/ha) whereas farmer's variety had yield of 41.2t/ha. In context to wilt incidence percentage grafted tomato had minimum wilt incidence (2.01%). Variety RCDTH-21 had very thin skin and cracks appeared during marketing so the price of this variety of tomato is less than farmer's variety. So, in context of benefit-cost, farmer's variety had maximum B:C ratio due to its better selling price.

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<tr><td>Nursery Raising by Farmers</td><td>Seedling distribution to the farmers</td><td>Field is ready to transplant</td></tr>
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<tr><td colspan="3">Growth stages of tomato</td></tr>
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FP: Laxmi 5005	**TO1: Non-grafted of tomato var. RCDTH-21**	**TO2: Grafted tomato var. RCDTH-21**

				
Fruit cracking in RCDTH-21	**Wilted plants on Farmer's Practice Plot**	**Wilted plants on Farmer's Practice Plot**	**Fruit cracking appeared after harvesting**	

OFT9 – Plant Protection (2022-23)

Thematic area: Plant Protection
Problem definition/ Name of the OFT - Assessment of bio-intensive management practices for major pests in Tomato.

1.	Title of On farm Trial	Assessment of bio-intensive management practices for major pests in Tomato.
2.	Problem diagnosed	Severe infestation of insect-pest in tomato crop leading to significant yield loss
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmer Practice (FP)**: Use of chemical pesticides **Technology Option 1 (TO 1)** • Application of Bio consortia of IIHR (Soil application) • Seed treatment by *P. fluorescens* @10 g/kg • Nursery bed treatment by P. fluorescens@20 g/ m^2 • Soil application *P. fluorescens* @5 kg/ha mixed with 500 kg vermi-compost/ha at 30 days after transplanting • Spray of HNPV @ 250 LE /ha **Technology Option 2 (TO 2)** • Soil application of Bio consortia of IARI • Seed treatment by *Trichoderma viride* @10 g/kg • Nursery bed treatment by *Trichoderma viride* @50 g/ m2 • Soil application *Trichoderma viride* @ 5 kg/ha mixed with 500 kg vermi-compost/ha at 30 days after transplanting • Spray of HNPV@ 250 LE /ha
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ATARI, Patna
5.	Production system and thematic area	Pest Management
6.	Performance of the Technology with performance indicators	Among both technology options, TO 1 was found superior over Farmers' Practice and TO 2 in terms of per cent wilted plants (6.53), per cent borer infestation (8.40), and % reduction in borer after spray (88.09). Maximum yield (35.75 t/ha), Net Return (171368.00) and B:C ratio (4.90) were also recorded with TO 1.

7.	Final recommendation for micro level situation	**Technology Option 1 i.e.** • Application of Bio consortia of IIHR (Soil application) • Seed treatment by *P. fluorescens*@10 g/kg • Nursery bed treatment by *P. fluorescens* @20 g/ m2 • Soil application *P. fluorescens* @ 5 kg/ha mixed with 500 kg vermi-compost/ha at 30 days after transplanting • Spray of HNPV @ 250 LE /ha is recommended for as an effective measure was found best practice for control of leaf curl disease maintaining highest yield.
8.	Constraints identified and feedback for research	Technology was affordable and easy to apply in field.
9.	Process of farmers participation and their reaction	Discussion with farmers.

Result

Among both technology options, TO 1 was found superior over Farmers' Practice and TO 2 in terms of per cent wilted plants (6.53), per cent borer infestation (8.40), and % reduction in borer after spray (88.09).

Table 1: Effect of bio-intensive management practices on disease incidence and yield of tomato

Thematic area	Technology options	No. of trials	Wilted plants (%)	Fruit borer (%)	Reduction in borer (%)	Protection over control (%)	Yield (t/ha)	Cost (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	B:C ratio
Pest Management	**FP**	10	16.62	35.88	65.65		13.50	38510.00	126600.00	88090.00	3.28:1
	TO 1	10	06.53	08.40	88.09	34.18	35.75	43900.00	215268.00	171368.00	4.90:1
	TO 2	10	08.06	09.49	86.00	30.99	34.39	42350.00	192900.00	150550.00	4.55:1
	CD at 5%			2.12			3.01				




Assessment of bio-intensive management practices for major pests in Tomato

OFT 10 – Plant Protection (2022-23)

Thematic area: Plant Protection

Problem definition/ Name of the OFT –Fruit fly infestation is very common problem in cucumber which leads to significant yield loss.

1.	Title of On farm Trial	Eco-friendly management practices to control fruit fly in cucurbits.
2.	Problem diagnosed	Problem of fruit fly in cucumber leading to significant yield loss in Ranchi district.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmer practice (FP):** Spray of any pesticides as per their knowledge **Technology option 1 (TO 1) :** Mix Ethyl Alcohol- 60 ml + Cue lure (P-Acetoxyl butanone-2) - 40 ml + Malathion/DDVP - 20 ml (i.e., 6:4:2) @ 10 traps/ha **Technology option 2 (TO2) :** Bait Application Technique (BAT) spray liquid of 0.1% insecticide (Malathion) and 10% Jaggery or 10% ripe banana or erect cue lure (Para Pheromone trap) @ 3 per acre to attract and trap male fruit flies.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ATARI, Patna
5.	Production system and thematic area	Rice and vegetable-based production system

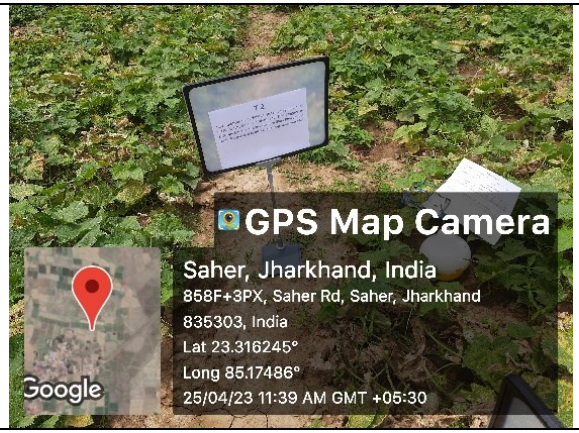
6.	Performance of the Technology with performance indicators	Both the technology options significantly reduced the infestation of fruit flies over control which also positively affected the yield, Net Return and B:C ratio. However, maximum reduction in fruit fly infestation (12.33 %), maximum yield (153.67 q/ha), Net Return (Rs. 171985.00) and B:C ratio (2.27) was recorded with Technology option 1.
7.	Final recommendation for micro level situation	TO1: • Mix Ethyl Alcohol- 60 ml + Cue lure (P-Acetoxyl butanone-2)- 40 ml + Malathion/DDVP- 20 ml (i.e., 6:4:2) @ 10 traps/ha of production increased over farmers' practice.
8.	Constraints identified and feedback for research	Technology was affordable and easy to apply in cucurbit cultivation. The yield may increase fruit fly incidence will reduce with same management.
9.	Process of farmers participation and their reaction	Meeting with the farmers

Result

As per the data presented in following table, both the technology options significantly reduced the infestation of fruit flies over control which also positively affected the yield, Net Return and B:C ratio. However, maximum reduction in fruit fly infestation (12.33 %), maximum yield (153.67 q/ha), Net Return (Rs. 171985.00) and B:C ratio (2.27) was recorded with Technology option 1 i.e. Mix Ethyl Alcohol - 60 ml + Cue lure (P-Acetoxyl butanone-2) - 40 ml + Malathion/DDVP- 20 ml (i.e., 6:4:2) @ 10 traps/ha of production increased over farmers' practice.

Table 1:Effect of eco-friendly management practices on infestation of fruit fly, yield and economics of cucumber

Thematic area	Technology options	No. of trials	Infestation %	No. of damaged fruit /plant	Yield (q/ha)	Cost of cultivation (Rs./ha.)	Gross return (Rs./ha.)	Net return (Rs./ha)	B:C ratio
Plant Protection	**FP**	10	52.43	25.33	90.49	128500.00	180980.00	52480.00	1.40:1
	TO 1	10	12.50	12.33	153.67	135355.00	307340.00	171985.00	2.27:1
	TO 2	10	13.33	13.66	138.27	134200.00	276540.00	142340.00	2.06:1
	CD at 5%		3.12	2.8	3.61				



Eco-friendly management practices to control fruit fly in cucurbits

OFT 11–Plant Protection (2023-24)

Thematic area: Plant Protection
Problem definition/ Name of the OFT - Assessment of bio-intensive management practices for major pests in Tomato.

1.	Title of On farm Trial	Assessment of bio-intensive management practices for major pests in Tomato.
2.	Problem diagnosed	Severe infestation of insect-pest in tomato crop leading to significant yield loss
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmer Practice (FP)** : Use of chemical pesticides **Technology Option 1 (TO 1)** • Application of Bio consortia of IIHR (Soil application) • Seed treatment by *P. fluorescens* @10 g/kg • Nursery bed treatment by P. fluorescens@20 g/ m2 • Soil application *P. fluorescens* @5 kg/ha mixed with 500 kg vermi-compost/ha at 30 days after transplanting • Spray of HNPV @ 250 LE /ha **Technology Option 2 (TO 2)** • Soil application of Bio consortia of IARI • Seed treatment by *Trichoderma viride* @10 g/kg • Nursery bed treatment by *Trichoderma viride* @50 g/ m2 • Soil application *Trichoderma viride* @ 5 kg/ha mixed with 500 kg vermi-compost/ha at 30 days after transplanting • Spray of HNPV@ 250 LE /ha
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ATARI, Patna
5.	Production system and thematic area	Pest Management
6.	Performance of the Technology with performance indicators	Result awaited (Trial is running)
7.	Final recommendation for micro level situation	Result awaited (Trial is running)
8.	Constraints identified and feedback for research	Result awaited (Trial is running)

9.	Process of farmers participation and their reaction	Discussion with farmers.

Result – Awaited (Trial is running)

OFT 12 – Plant Protection (2023-24)

Thematic area: Plant Protection

Problem definition/ Name of the OFT – Fruit fly infestation is very common problem in cucumber which leads to significant yield loss.

1.	Title of On farm Trial	Eco-friendly management practices to control fruit fly in cucurbits.
2.	Problem diagnosed	Problem of fruit fly in cucumber leading to significant yield loss in Ranchi district.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmer practice (FP):** Spray of any pesticides as per their knowledge **Technology option 1 (TO 1) :** Mix Ethyl Alcohol- 60 ml + Cue lure (P-Acetoxyl butanone-2)-40 ml + Malathion/DDVP- 20 ml (i.e., 6:4:2) @ 10 traps/ha **Technology option 2 (TO 2) :** Bait Application Technique (BAT) spray liquid of 0.1% insecticide (malathion) and 10% Jaggery or 10% ripe banana or erect cue lure (Para Pheromone trap) @ 3 per acre to attract and trap male fruit flies.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ATARI, Patna
5.	Production system and thematic area	Rice and vegetable-based production system
6.	Performance of the Technology with performance indicators	Result awaited (Trial is ongoing)
7.	Final recommendation for micro level situation	Result awaited (Trial is ongoing)
8.	Constraints identified and feedback for research	Result awaited (Trial is ongoing)

9.	Process of farmers participation and their reaction	Discussion with farmers

Result: Awaited (Trial is ongoing)

OFT 13 – Horticulture (2022-23)

Thematic area: Plant protection

Problem definition/ Name of OFT: Tomato is one of the major vegetable grown in Ranchi district. Wilt is one of the most common diseases of tomato which leads to 10-50 per cent yield loss and significant decrease in overall productivity. This disease is caused by *Fusarium oxysporum* f.sp. lycopersici which is a serious soil-borne pathogen and persists in soil for very long period.

1.	**Title of On Farm Trial**	**Assessment of microbial consortia against wilting in Solanaceous crops (Tomato)**
2.	**Problem diagnosed**	Low productivity of tomato due to high incidence of wilt disease.
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	**Farmers' practice:** Chemical Pesticides **TO 1**: IIHR Consortia (Arka Microbial Consortia) **TO 2**: NRC Litchi Trichoderma
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	ICAR – IHR, Bangaluru and ICAR – NRC on Litchi
5.	**Production system and thematic area**	Rice based production system and Crop Production
6.	**Performance of the Technology with performance indicators**	Application of Arka Microbial Consortia (TO 1) most effectively controlled wilt disease. Significantly lowest value of wilting percentage was recorded with TO 1 i.e. 16.35 per cent only at 75th day after transplanting following by TO 2 (18.30 per cent) while the highest value was recorded with farmers practice (26.69 per cent). Similarly, highest yield was also recorded with TO 1 i.e. 495 q/ha followed by TO 2 (445 q/ha.).
7.	**Final recommendation for micro level situation**	In order to control the incidence of wilt in tomato, pre transplanting application of FYM treated with Arka Microbial Consortia (@ 1 kg/q FYM) is recommended under field condition of Ranchi district.
8.	**Constraints identified and feedback for research**	No any constraints identified during the trial

9.	**Process of farmers participation and their reaction**	Discussion with farmers

Results: As per the data recorded in the trial, technology option 1 (application of Arka Microbial Consortia) most effectively controlled wilt disease. Significantly lowest value of wilting percentage was recorded with TO 1 i.e. 16.35 per cent only at 75th day after transplanting following by TO 2 (18.30 per cent) while the highest value was recorded with farmer's practice (26.69 per cent). Similarly, highest yield was also recorded with TO_1 i.e. 495 q/ha followed by TO_2 (445 q/ha.).

Table 1: Assessment of microbial consortia against wilting in Solanaceous crops (Tomato)

Technology option	No. of trials	Initial plant population	First wilt incidence (DAT)	Wilting percentage					Yield (q/ha.)	Gross income	Net income	B:C ratio
				15	30	45	60	75				
FP (Chemical pesticides)	8	1081*	13	3.26	11.19	16.96	21.40	26.69	398	620880	530345	3.04
TO_1(IIHR consortia)		1081*	25	-	4.92	8.53	12.37	16.35	465	725400	748850	3.87
TO_2(NRC Litchi Trichoderma)		1081*	21	-	6.76	9.25	14.45	18.30	435	678600	620400	3.39
C.D. at 5%					1.2	1.703	1.393	1.496				

***Treatment wise plot area = 400 m^2, Planting distance = 2 X 2 feet**

Photographs of trial

Treatment of FYM with NRCL Trichoderma

Treatment of FYM with Arka Microbial Consortia

Tomato seedling raising

Biological control of wilt in tomato

		
FP - Chemical fungicide	**TO 1 - Arka Microbial Consortia**	**TO 2 - NRCL Trichoderma**

OFT 14: Horticulture (2022-23)

Thematic area: Crop Production/ Regulation

Problem definition/ Name of the OFT: China cultivar of litchi shows the tendency of alternate bearing habit where good yield is obtained in one year and no or negligible yield is obtained in another year. Occurrence of late vegetative flushing in autumn or winter, with insufficient degree of dormancy has been attributed to this problem.

1.	Title of On farm Trial	Regulation of bearing potential in litchi (*Litchi chinensis*) through girdling of primary branches.
2.	Problem diagnosed	Occurrence of late vegetative flushing in autumn or winter, with insufficient degree of dormancy.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmer's Practice (FP) :** No girdling **Technology Option 1 (TO1) :** Circular girdling of 2 mm on 50 % primary branches during 1st week of September **Technology Option 2 (TO2) :** Circular girdling of 4 mm diameter on 50% primary branches during 1st week of September
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR-RCER, Research Centre, Ranchi
5.	Production system and thematic area	Upland Rain-fed system, Bearing regulation in litchi
6.	Performance of the technology with performance indicators	Among both the technological options, TO 2 (Circular girdling of 4 mm diameter on 50% primary branches during 1st week of September) was found significantly superior over Farmer' Practice (No girdling) and TO 1 (Circular girdling of 2

		mm on 50 % primary branches during 1st week of September) in terms of flowering percentage (28.53), yield per hectare (32.92 q) and B:C ratio (2.83) in off season of litchi cv. China.
7.	Final recommendation for micro level situation	Circular girdling of 4 mm diameter on 50% primary branches during 1st week of September is recommended as an essential practice for litchi cv. China.
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Discussion with farmers

Result – As per the result presented in the following table both technological options i.e. circular girdling of 2 mm (TO_1) and 4 mm (TO_2) on 50 per cent primary branches, showed significant influence on flowering, yield and Net Return from the litchi cv. China. However, maximum flowering percentage (28.53), yield per plant (32.92 kg), Net return per hectare (Rs. 145920.00) and B:C ratio (2.83) was obtained with 4 mm girdling (TO_2). Hence, circular girdling of 4 mm width in 50 per cent primary branches after emergence of second vegetative flush is recommended as an essential practice for bearing regulation in litchi cv. China.

Table 1: Influence of girdling of 50 per cent primary branches on flowering, yield and economics of litchi trees cv. China

Thematic area	Technology options	No. of trials	Flowering (%)	Av. Fruit Weight (g)	Yield/tree (kg)	Cost (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	B:C ratio
Crop Regulation	FP – No girdling	8	3.62	21.88	7.58	50600	45480	-5120	-0.10
	TO 1 – 2 mm girdling	8	23.62	22.33	26.06	51300	156360	105060	2.05
	TO 2 – 4 mm girdling	8	28.53	21.50	32.92	51600	197520	145920	2.83
	CD at 5 %		1.93	NS	2.88				

Photographs of OFT

			
2 mm girdling with pruning saw	**4 mm girdling with girdling knife**	**Flowering in girdled branches (2 mm)**	**Flowering in girdled branches (4 mm)**

OFT 15: Horticulture (2023-24)

Thematic area: Plant protection

Problem definition/ Name of OFT: Tomato is one of the major vegetable grown in Ranchi district. Wilt is one of the most common diseases of tomato which leads to 10-50 per cent yield loss and significant decrease in overall productivity. This disease is caused by *Fusarium oxysporum* f.sp. lycopersici which is a serious soil-borne pathogen and persists in soil for very long period.

1.	**Title of On Farm Trial**	**Assessment of microbial consortia against wilting in Solanaceous crops (Tomato)**
2.	**Problem diagnosed**	Low productivity of tomato due to high incidence of wilt disease.
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	**Farmers' practice (FP) :** Chemical Pesticides **TO 1** - IIHR Consortia (Arka Microbial Consortia) **TO 2** - NRC Litchi Trichoderma
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	ICAR – IHR, Bangluru and ICAR – NRC on Litchi
5.	**Production system and thematic area**	Rice based production system and Crop Production
6.	**Performance of the Technology with performance indicators**	OFT is running
7.	**Final recommendation for micro level situation**	In order to control the incidence of wilt in tomato, pre transplanting application of FYM treated with Arka Microbial Consortia (@ 1 kg/q FYM) is recommended under field condition of Ranchi district.
8.	**Constraints identified and feedback for research**	No constraints identified during the trial.
9.	**Process of farmers participation and their reaction**	Discussion with farmers

Result – Awaited (OFT is running)

OFT 16 : Horticulture (2023-24)

Thematic area: Crop Production/ Regulation

Problem definition/ Name of the OFT - China cultivar of litchi shows the tendency of alternate bearing habit where good yield is obtained in one year and no or negligible yield is obtained in another year. Occurrence of late vegetative flushing in autumn or winter, with insufficient degree of dormancy has been attributed to this problem.

1.	Title of On farm Trial	Regulation of bearing potential in litchi (*Litchi chinensis*) through girdling of primary branches.
2.	Problem diagnosed	China cultivar of litchi shows the tendency of alternate bearing habit where good yield is obtained in one year and no or negligible yield is obtained in another year. Occurrence of late vegetative flushing in autumn or winter, with insufficient degree of dormancy has been attributed to this problem.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmer's Practice (FP):** No girdling **Technology Option (TO1):** Circular girdling of 2 mm on 50 % primary branches during 1st week of September **Technology Option (TO2):** Circular girdling of 4 mm diameter on 50% primary branches during 1st week of September
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR-RCER, Research Centre, Ranchi
5.	Production system and thematic area	Upland Rain-fed system, Bearing regulation in litchi
6.	Performance of the technology with performance indicators	**Result awaited (Trial is ongoing)**
7.	Final recommendation for micro level situation	Circular girdling of 4 mm diameter on 50% primary branches during 1st week of September is recommended as an essential practice for litchi cv. China.
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Discussion with farmers

Result – Awaited (Trial is ongoing)

OFT 17: Animal Husbandry (2022-23)

Thematic area: Nutrition Management

Problem definition: Improper mixing and proportion of cereals, legumes and concentrate in animal feed leads to imbalance microbial activity and result into low digestibility which leads to decrease milk production.

1.	Title of On farm Trial	To assess the effect of probiotic on milk production.
2.	Problem diagnosed	Improper mixing and proportion of cereals, legumes and concentrate in animal feed leads to imbalance microbial activity and result into low digestibility which leads to decrease milk production.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmers practice:** Feeding of dry and green fodder, concentrate ration in improper proportion. **Technology Option 1 (TO1):** Farmers practice + Probiotic 15 gm per day for 60 days. **Technology Option 2 (TO 2):** Farmers practice + Probiotic 20 gm per day for 60 days.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Anand Agricultural University, Gujrat
5.	Production system and thematic area	Livestock based farming system and Nutrition Management
6.	Performance of the Technology with performance indicators	A positive impact of supplementing probiotics to the ration of lactating cows was observed in terms of milk production as well as milk rate. Since the B: C ratio of TO_1 and TO_2 were almost same. Therefore, it may be recommended that the use of probiotics 15 g/day/cowis sufficient and beneficial for lactating cows.
7.	Final recommendation for micro level situation	On the basis of this assessment, probiotics may be recommended for dairy cattle without any adverse effect to increase milk production.
8.	Constraints identified and feedback for research	Lack of awareness about feeding of probiotics.
9.	Process of farmers participation and their reaction	Progressive farmers were selected for technology assessment. All were participated very actively and agreed to adopt this technology.

Table 1: Effect of supplementing probiotic to the ration of lactating cows on milk production.

Thematic area	S. No.	Particulars	Farmers Practice	Technology Option 1	Technology Option 2
	1.	Total feed cost (Rs./ animal/ day)	225.00	225.00	225.00
	2.	Cost of probiotics (Rs./ animal/ day)	00	5.70	7.60

Animal Nutrition Management	3.	Total expenses in ration (Rs./ animal/ day)	225.00	230.70	232.60
	4.	Av. Milk production			
	a.	Before trail (lit / day/animal)	10.24	10.92	10.56
	b.	During trial period (lit / day/animal)	10.54	12.57	12.34
	c.	Percentage increase in milk yield	3	15.50	16.80
	6.	Rate of milk / lit			
	a.	Before trail (Rs/lit / day)	34.60	34.90	34.86
	b.	During trial period (lit / day)	34.90	36.83	37.57
	5.	Extra price fetched (Rs. / lit)	0.30	1.93	2.71
	6.	Daily income from milk only	367.84	462.95	463.61
	7.	B: C ratio	1.63	2.00	1.99

Results: The result of trials indicated that supplementing probiotics to the ration of lactating cows increased the milk production and rate of milk also and B: C ratio of TO_1 and TO_2 were almost same. Therefore, it may be recommended that the use of probiotics 15 g/day/cow is sufficient and beneficial for lactating cows.

Photographs of trial

Distribution of critical inputs

Farmers practice

Technology option 1

Technology option 2

OFT 18 – Animal Husbandry (2022-23)

Thematic area: Nutrition Management

Problem definition/ Name of the OFT: Less profitability from backyard poultry farming due to higher mortality and poor growth rate.

1.	Title of On farm Trial	Assessment of the effect of Moringa Leaves Powder (*Moringaoleifera*) on growth performance in backyard poultry.
2.	Problem diagnosed	Poor FCR and immunity
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers practice (FP): feed without supplementation of *Moringa* leaves ad lib. Technology Option (TO 1) : Feed supplemented with 3.0% *Moringa* leaves ad lib. Technology Option (TO 2) : Feed supplemented with 4.5% *Moringa* leaves ad lib
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Birsa Agricultural University, Ranchi, Jharkhand
5.	Production system and thematic area	Livestock based farming system and Nutrition Management

6.	Performance of the Technology with performance indicators	It was observed in present trial that both the technology options i.e. TO 1 and TO 2 (Moringa leaves powder added feed) were found superior than Farmer's Practice in terms of egg production and egg quality traits. From the growth, production and egg quality data it may be concluded that the MoLP may be included at up to 3-4.5 % for growth and egg production with advantage.
7.	Final recommendation for micro level situation	From this trial we found that egg production and egg quality traits were higher in Moringa leaves powder added feed (TO1&TO2) as compare to farmer's practice. From the growth, production and egg quality data it may be concluded that the MoLP may be included at up to 3-4.5 % for growth and egg production with advantage.
8.	Constraints identified and feedback for research	None
9.	Process of farmers participation and their reaction	Discussion with farmers.

Results

As per the data recorded in the present trial and presented in following tables (Table 1 to 3), it was observed both the technology options i.e. TO 1 (Feed supplemented with 3.0% *Moringa* leaves ad lib.) and TO 2 (Feed supplemented with 4.5% *Moringa* leaves ad lib.) were found superior over Farmer's Practice (FP) in terms of egg production and egg quality traits. However, maximum egg production per bird (158.26), Net profit per bird (1173.08) and B:C ratio (Female – 5.82) were recorded with TO 2. From the growth, production and egg quality data it may be concluded that the MoLP may be included at up to 3-4.5 % for growth and egg production with advantage.

Table 1.Proximate Analysis of MOLP

Nutrients %	BIS/ ISI standards	Sample I	Sample II	Average
Moisture	7.5-9.53	8.00	8.10	8.05
C.P	22.9-29.36	30.84	28.27	29.55
E.E	4.03-9.50	4.50	4.50	4.50
C.F	6.0-9.60	20.00	25.00	22.50
T. Ash	8.05-10.38	14.60	16.80	15.70

Table 2: Effect of supplementation of Moringa leaves powder on production performance of backyard chicken.

S. No.	Parameters	F.P	TO_1	TO_2
1	Cost of chicks 15 day old (Rs.)	95.00	95.00	95.00
2	Total feed consumption/ birds (g)	2400	2400	2400

3	Rate of feed Rs./kg	50.00	50.00	50.00
4	Cost of feed consumption / birds (Rs.)	120	120	120
5	Av. Body weight after 180 days(g)	1588.26	1590.72	1586.54
6	Miscellaneous cost (Rs.)	28	28	28
7	Total cost of production (1+4+6) (Rs.)	243.00	243.00	243.00
	Average price realized/bird, @ 350 Rs/kg live weight, before laying	553.00	556.50	553.00
8	Av.egg production/ birds (up to72wks) @Rs.8/egg	124.62	156.30	158.26
9	Cost of spent birds (Rs.)	150.00	150.00	150.00
10	Gross income (Rs.)	1146.96	1400.40	1416.08
11	Net profit/ birds(8+9-7)	903.96	1157.40	1173.08
12	**B:C ratio** **a) Male** **b) Female**	 2.27 4.72	 2.29 5.76	 2.27 5.82
13	Av. wt. of egg (g)	49.58	49.66	50.06

Table 3 - Egg quality traits at 40 weeks (based on minimum of 12 eggs)

Trait	**40 weeks**		
	FP **Average**	**TO_1** **Average**	**TO_2** **Average**
Egg weight (g)	49.60	49.95	50.63
Shell weight (g)	5.14	5.29	5.26
Albumin wt (g)	28.88	29.15	28.34
Yolk weight (g)	15.58	15.51	17.03
Shell thickness(mm)	0.35	0.35	0.37
Specific gravity	1.03	1.03	1.05
Shape index%	76.59	76.82	76.86
Albumin index	0.085	0.087	0.091
Yolk index	0.29	0.32	0.36
Haugh unit(score)	69.35	70.38	74.45
Shell colour	Brown	Brown	Brown

Photos of the trial

Training of beneficiaries before input distribution

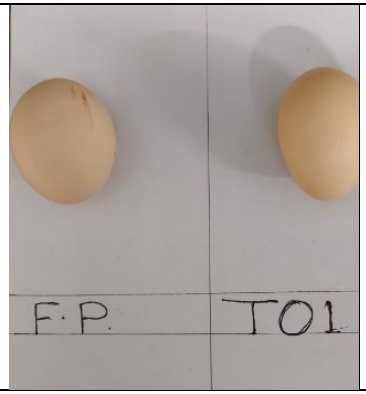


Proper mixing of experimental feed & input distribution


Weighing and follow up of experimental birds



Weighing and follow up of experimental birds



Data recording of Egg quality traits

OFT 19 – Animal Husbandry (2023-24)

Thematic area: Nutrition Management

Problem definition/ Name of the OFT: Less profitability from backyard poultry farming due to higher mortality and poor growth rate.

1.	Title of On farm Trial	Assessment of the effect of Moringa Leaves Powder (*Moringa oleifera*)on growth performance in backyard poultry.
2.	Problem diagnosed	Poor FCR and immunity
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmers practice (FP):** feed without supplementation of *Moringa* leaves ad lib. **Technology Option (TO 1) :** Feed supplemented with 3.0% *Moringa* leaves ad lib. **Technology Option (TO 2) :** Feed supplemented with 4.5% *Moringa* leaves ad lib
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Birsa Agricultural University, Ranchi, Jharkhand
5.	Production system and thematic area	Livestock based farming system and Nutrition Management
6.	Performance of the Technology with performance indicators	Result Awaited (Trial is running)
7.	Final recommendation for micro level situation	Result Awaited (Trial is running)

8.	Constraints identified and feedback for research	Result Awaited (Trial is running)
9.	Process of farmers participation and their reaction	

OFT 20 - Animal Husbandry (2023-24)

Thematic area : Disease Management

Problem definition/ Name of the OFT : High incidence of clinical mastitis in bovine animals leads to low milk yield and economic return.

1.	Title of On Farm Trial	Assessment of different management practices in preventing bovine mastitis'.
2.	Problem diagnosed	High incidence of clinical mastitis and Decrease milk yield, Low economic return.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmers Practice (FP) :** Use of Antibiotics, Anti-inflammatory for treatment against Mastitis **Technology Option (TO1) :** 0.5 g alpha-Tocopherol acetate + 0.25 mg sodium selenite (Vitamin E and Selenium Powder) orally daily for last 30 days before calving. **Technology Option (TO2) :** Blanket dry cow treatment (BDCT) (infused with 7.5 g Dicloxacillin sodium in each quarter) immediately after the last milking of lactation and 0.5 g alpha-tocopherol acetate + 0.25 mg sodium selenite (E-Selenium Powder) orally daily for last 30 days before calving.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	GBPUAT, Pantnagar and ATARI Patna.
5.	Production system and thematic area	Livestock based farming system and Disease Management
6.	Performance of the Technology with performance indicators	Result awaited (Trial is ongoing)
7.	Final recommendation for micro level situation	Result awaited (Trial is ongoing)
8.	Constraints identified and feedback for research	Result awaited (Trial is ongoing)
9.	Process of farmers participation and their reaction	Progressive farmers were selected for technology assessment. All were participated very actively and doing sincerely.

Results: Awaited (Trial is ongoing)

OFT 22 - Home Science (2022-23)

Thematic area: Value addition

Problem definition/ Name of the OFT: Futkal (*Ficus virens) is a common but underutilized tree of Jharkhand state. Its fresh new leaves are consumed as leafy vegetable (having good health benefits) by local people. However, the availability span of consumable stage (fresh new leaves) is very short.* So, standardization of recipes to exploit its benefit is required.

1.	Title of On farm Trial	Value addition of futkal leaf (*Ficus virens*) to improve the consumption span
2.	Problem diagnosed	Futkal leaf is not utilized to the extent due to only seasonal availability and lack of popularization of utilization technologies.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Sag preparation from fresh leaf of Futkal TO 1: Preparation of Futkal leaf based Instant Soup Mix (FISM) TO 2: Preparation of Futkal leaf and *Moringa oleifera* leaf based Instant Soup Mix (FMISM)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	College of agriculture, UAS Dharwad, Karnataka
5.	Production system and thematic area	• Post-harvest management • Value addition
6.	Performance of the Technology with Performance indicators	• Organoleptic evaluation of formulated product on a nine-point hedonic scale ➢ Appearance ➢ Colour ➢ Flavour ➢ Taste ➢ Texture ➢ Consistency and overall acceptability
7.	Final recommendation for micro level situation	The developed soup mix was highly acceptable by persons from different age groups. Developed product improves the consumption rate of futkal leaf and ensure the therapeutic security from its medicinal property. Thus such type of product should be developed by the farm women either for self-consumption or for commercial purpose.

8.	Constraints identified and feedback for research	No any constraints identified during the trial.
9.	Process of farmers participation and their reaction	The problem was identified after the group discussion with farm women. Training for candy making was provided to the selected beneficiaries. The farm women were very happy and satisfied by making soup mix due to its instant and convenient preparation and consumption, its good sensory quality such as taste, flavor, and its higher acceptability by person from every age group.

Table 1: Organoleptic assessment of Futkal leaf based instant soup mix

Thematic area	Technology option	No of trials	Organoleptic assessment						
			Appearance	Colour	Flavour	Taste	Texture	Consistency	Over all acceptability
Value addition	**FP:** Sag preparation from fresh leaf of futkal	10	5	6	5	5	5	6	5
	TO1: Preparation of Futkal leaf based Instant Soup Mix (FISM)		9	9	8	8	8	9	9
	TO2: Preparation of Futkal leaf and *Moringa oleifera* leaf based Instant Soup Mix (FMISM)		8	9	8	7	8	7	8

Result: Based on the above findings it can be concluded that TO 1 had higher acceptability score (9) in terms of Appearance (9), Colour (9), Flavour (8), Taste (8), Texture (8) and consistency (9), followed by TO 2, whereas FP had at par result. These formulations are also very useful to develop small scale startup for empowering the women.

Photographs of OFT

Preparation of instant soup mixes

OFT 23 - Home Science (2023-24)

Thematic area: Value addition

Problem definition: Only raw tamarind is consumed by local people but is not utilized to the extent due to due to lack of processing, it remains under-exploited to meet growing domestic and commercial needs. That's why the objective of this framework is to preparation of Candy from tamarind

1.	Title of on farm trial	Preparation of Candy from tamarind
2.	Problem diagnosed	Due to lack of processing, it remains under-exploited to meet growing domestic and commercial needs.
3.	Details of technologies selected for assessment/ refinement (Mention either Assessed or Refined)	**Farmer's Practice (FP) :**Consumption of raw pulp **Technology Option 1 (TO1) :** Formulation of tamarind candy with sugar **Technology Option 2 (TO2) :** Formulation of tamarind candy with jaggery
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	College of Agriculture, UAS Dharwad, Karnataka
5.	Production system and thematic area	Value addition
6.	Performance of the Technology with Performance indicators	Trial is ongoing
7.	Final recommendation for micro level situation	Trial is ongoing
8.	Constraints identified and feed back for research	Trial is ongoing
9.	Process of farmers participation and their reaction	The problem was identified after the group discussion with farm women.

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Result: Awaited (Trial is ongoing)

OFT 24 - Home Science

Thematic area: Value addition

Problem definition/ Name of the OFT: Only fresh leaf of futkal is consumed by local people but is not utilized to the extent due to only seasonal availability, lack of processing technology awareness and lack of popularization of utilization technologies. It remains under-exploited to meet growing domestic and commercial needs. That's why the object of this framework is to develop a value-added product from futkal leaf with and without the incorporation of *Moringa oleifera* leaf that could be crucial for the treatment of many diseases.

1.	Title of On Farm Trial	Value addition of futkal leaf (*Ficus virens*) to improve the consumption span
2.	Problem diagnosed	Futkal leaf is consumed by local people of Jharkhand in their traditional practice for the treatment of diarrhoea, indigestion etc. but is not utilized to the extent due to only seasonal availability and lack of popularization of utilization technologies. That's why the objective of this framework is to develop a value-added product from futkal leaf with and without the incorporation of *Moringa oleifera* leaf that could be crucial for the treatment of many diseases.
3.	Details of technologies selected for assessment/ refinement (Mention either Assessed or Refined)	**Farmers' Practice (FP) :** Sag preparation from fresh leaf of futkal **Technology Option 1 (TO1) :** Preparation of Futkal leaf based instant soup mix (FISM) **Technology Option 2 (TO2) :** Preparation of Futkal leaf and *Moringa oleifera* leaf instant soup mix from (FMISM)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	College of Home Science, O.U.A.T Bhubaneswar, Odisha
5.	Production system and thematic area	• Post-harvest management • Value addition
6.	Performance of the Technology with Performance indicators	• Organoleptic evaluation on a nine-point hedonic scale ➢ Appearance ➢ Colour ➢ Flavour ➢ Taste ➢ Texture ➢ Consistency and overall acceptability
7.	Final recommendation for micro level situation	Trial is ongoing
8.	Constraints identified and feed back for research	Trial is ongoing

9.	Process of farmers participation and their reaction	The problem was identified after the group discussion with farm women. All ingredients for candy making were distributed among 2 groups (10 women in each group). Training for preparation of futkal leaf based instant beverage mix with and without incorporation of Moringa leaf powder was provided to selected beneficiaries.

Thematic area: Value addition

Problem definition: Only fresh leaf of futkal is consumed by local people but is not utilized to the extent due to only seasonal availability, lack of processing technology awareness and lack of popularization of utilization technologies. It remains under - exploited to meet growing domestic and commercial needs. That's why the object of this framework is to develop a value-added product from futkal leaf with and without the incorporation of *Moringa oleifera* leaf that could be crucial for the treatment of many diseases.

Result: Awaited (Trial is ongoing)

3.3 ACHIEVEMENTS OF FRONTLINE DEMONSTRATIONS (FLD)

A. Overall achievements of FLDs conducted during the year 2023

S. No.	Crop category	No. of FLD	Area (ha.)	No of beneficiaries	Yield in Demo (q/ha)	Yield in check (q/ha)
1.	Cereals					
	i. Paddy - CR Dhan 320	1	5	25	52.2	44.6
	ii. Paddy - CR Dhan 314	1	2	8	58.59	51
2.	**Oil Seed**					
	i. Mustard - Pusa Mustard 30	1	40	100	12.8	8.6
3.	**Pulses**					
4.	Horticulture Crops					
	i. Vegetable pea - Pusa Pragati	1	2	28	72.7	61.3
	ii. Tomato - Arka Abhed	1	2	12	468.5	344.8
	iii. Nutri-Garden	1	0.1	50	450	351
5.	Other crops					
	i. Finger Millet - A 404	1	40	140	18.32	14
6.	Hybrid crop					
7.	Livestock					
	i. Utilization of turmeric power to enhance immunity in backyard poultry chicks	1	-	50	Mortality 12 %	Mortality 26 %
	ii. Fodder maize production (J-1006	1	-	36	12.40 lit./day/cow	9.40 lit./day/cow
8.	Fisheries					
9.	Other enterprises					
10.	Women empowerment					
11.	**Farm Machinery**					
	i. Paddy Weeder (Paddy crop)	1	5	13	20 man hr/ ha	60 man hr/ ha
	ii. Cycle Hoe (Pea crop)	1	5	13	25 man hr/ ha	70 man hr/ ha
	iii. Battery Sprayer (Paddy crop)	1	5	15	5 man hr/ ha	20 man hr/ ha
12.	**Grand Total**	**12**	**106.1**	**490**		

B. Details of FLDs conducted during the year 2023

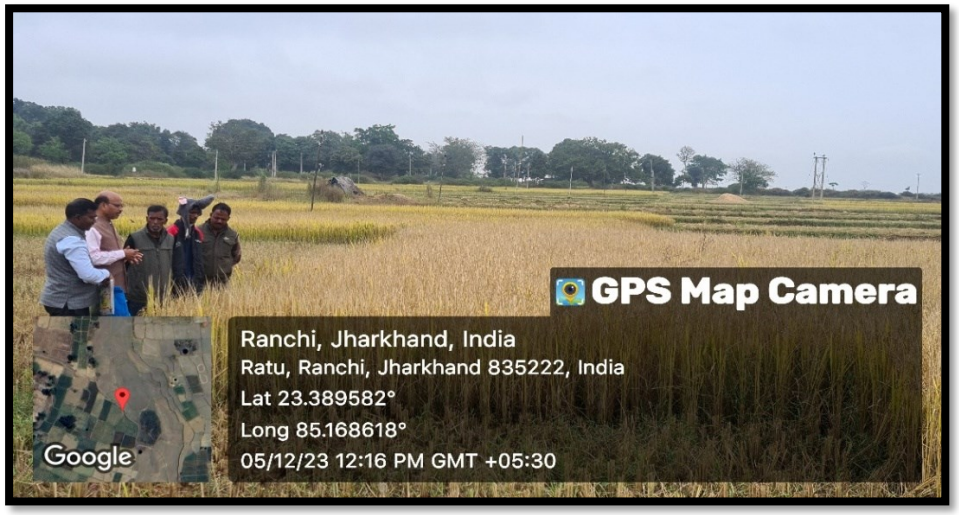
1. Cereals

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Paddy	Crop Production	Newly Released HYV CR Dhan 320	25	5	52.2	44.6	17.04	70154	104400	34246	1.49	68250	89200	20950	1.31
Paddy	Crop Production	Newly Released HYV CR Dhan 314	8	2	58.59	51	14.88	76167	117180	41013	1.54	73300	102000	28700	1.39
Total			33	7											

Photographs of Paddy var. CR Dhan320

Training and seed distribution

Growth Stages of paddy Var. CR Dhan 320 at Tigranayatoli Village Ratu during Kh 2023



Demonstration Plot of CR Dhan 320	Scientists of ICAR-NRRI-CRURRS Hazaribag visited Demo Plot

Photographs of Paddy var. CR Dhan 314

Training and seed distribution

Demonstration Plot of CR Dhan - 314 at Tigranayatoli, Ratu

Growth Stages of paddy Var. CR Dhan 314 at Tigranayatoli Village Ratu during Kharif 2023

Field day and Farmer's Scientist Interaction program organized in the village by ICAR-NRRI Cuttack Scientist

Crop cutting program of CR Dhan 314 at village

2. Oilseeds

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Mustard	Crop production	HYV Pusa Mustard 30, nutrient management by Nano Urea and Sagarika, Pest control by Biopesticide Dashparni.	100	40	12.8	8.6	48.84	34176.00	69760.00	35584.00	2.04	30200.00	46870.00	16670.00	1.55
Total			100	40											

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Photographs of Demonstration of Mustard var. Pusa Mustard 30

Awareness cum Training program on Scientific Cultivation of Mustard

Input distribution

Demonstration plot of mustard var. PM 30 at Kuturloba and Tilayi Village

Demonstration plot of mustard var. PM 30 at Chhotki gorang, Angara

Kisangosthi cum Field Day



Crop Cutting program organized at Kuturloaa, Angara

Photographs of Frontline Demonstration of Mustard var. Pusa Mustard 30

3. Pulses

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total														

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

4. Horticultural crops (separately Fruit, Vegetables, Flower, Medicinal and aromatics, etc.

Crop	**Thematic Area**	**Name of the technology demonstrated**	**No. of Farmers**	**Area (ha)**	**Yield (q/ha)**		**% Increase**	***Economics of demonstration (Rs./ha)**				***Economics of check (Rs./ha)**			
					Demo	**Check**		**Gross Cost**	**Gross Return**	**Net Return**	** **BCR**	**Gross Cost**	**Gross Return**	**Net Return**	** **BCR**
Veg. Pea	Crop production	High yielding variety Pusa Pragati	27	2	72.7	61.3	18.6	66200.00	159940.00	93740	2.42	62810.00	134860.00	72050.00	2.14
Tomato	Varietal Demonstration	Tomato Hybrid cv. Arka Abhed	25	2	468.5	344.8	35.87	77400	382300	304900	3.93	72850	312250	239400	3.28
Nutri-Garden	Nutritional Security	HYVs	25	0.1	450	351	28.2	2,18,750	3,20,000	1,01,250	1.46	1,57,500	1,76,400	18,900	1.12
	Total		**77**	**4.1**											

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Photographs of demonstration of vegetable pea var. Pusa Pragati

Training and Input Distribution under FLD on vegetable pea var. Pusa Pragati

Scientist Visit to Farmer's Demo Plot

Flowering and Podding stage of vegetable Pea var. Pusa Pragati

Field day on Veg. Pea variety Pusa Pragati at Tigranayatoli Ratu

Photographs of demonstration of Tomato var. Arka Abhed

Nursery raising of Tomato cv. Arka Abhed

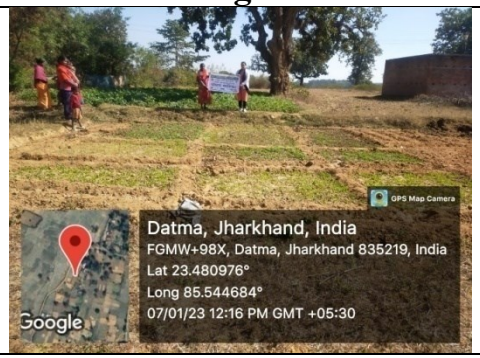
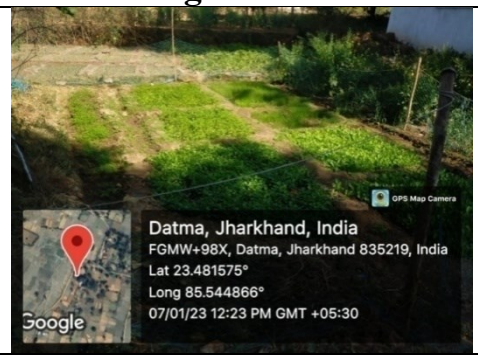
Field preparation for transplanting

Field preparation for transplanting

Vegetative growth of tomato crop

		
Fruiting and harvesting of tomato crop		**Field Day under FLD**

Photographs of demonstration of Nutri-Garden

		
Input Distribution Under FLD on Nutri-garden	**Field preparation under FLD on Nutri-garden**	**Field preparation under FLD on Nutri-garden**
		

	
Field Photographs of Demonstration of Nutri-garden	**Field Photographs of Demonstration of Nutri-garden**

5. Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Finger Millet	Rainfed and INM	Seed, INM,IPM	140	40	18.32	14.00	30.85	40.30	29.40	25200	54960	29760	2.18	22000	9200	2000	1.90
Total			**140**	**40**													



Demonstration on Finger Millet

6. Demonstration details on crop hybrid varieties

Crop	Name of the Hybrid	No. of Farmers	Area (ha)	Yield (q/ha) / major parameter			Economics (Rs./ha)			
				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	B:CRatio
Cereals										
Bajra	-	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-	-	-	-
Paddy	-	-	-	-	-	-	-	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
Total Cereals	-	-	-	-	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-	-	-	-	-
Castor	-	-	-	-	-	-	-	-	-	-
Mustard	-	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-	-
Sunflower	-	-	-	-	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-	-	-	-	-
Soybean	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
Total Oilseeds	-	-	-	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-	-	-	-
Greengram	-	-	-	-	-	-	-	-	-	-
Blackgram	-	-	-	-	-	-	-	-	-	-
Bengalgram	-	-	-	-	-	-	-	-	-	-
Redgram	-	-	-	-	-	-	-	-	-	-

Crop	Name of the Hybrid	No. of Farmers	Area (ha)	Yield (q/ha) / major parameter			Economics (Rs./ha)			
				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	B:CRatio
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
Total Pulses	-	-	-	-	-	-	-	-	-	-
Vegetable crops	-	-	-	-	-	-	-	-	-	-
Bottle gourd	-	-	-	-	-	-	-	-	-	-
Capsicum	-	-	-	-	-	-	-	-	-	-
Cucumber	-	-	-	-	-	-	-	-	-	-
Tomato	Arka Abhed	25	2	468.5	344.8	35.87	77400	382300	304900	3.93
Brinjal	-	-	-	-	-	-	-	-	-	-
Okra	-	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-	-
Potato	-	-	-	-	-	-	-	-	-	-
Field bean	-	-	-	-	-	-	-	-	-	-
Vegetable pea	-	-	-	-	-	-	-	-	-	-
Nutri Garden	Hybrid veg. varieties	25	0.1	450	351	28.2	218750	320000	101250	1.46
Total Veg. Crops		50	2.1							
Commercial Crops	-	-	-	-	-	-	-	-	-	-
Cotton	-	-	-	-	-	-	-	-	-	-
Coconut	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
Total Commercial Crops	-	-	-	-	-	-	-	-	-	-
Fodder crops	-	-	-	-	-	-	-	-	-	-
Napier (Fodder)	-	-	-	-	-	-	-	-	-	-
Maize (Fodder)	-	-	-	-	-	-	-	-	-	-
Sorghum (Fodder)	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
Total Fodder Crops	-	-	-	-	-	-	-	-	-	-

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

7. Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buffalo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poultry	Health Management	Utilization of turmeric power to enhance immunity in backyard poultry chicks.	50	50	Mortality (12 %)	Mortality (26 %)	15	-	-	485	1550	1065	3.19	380	1020	640	2.68
Rabbitary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheep and goat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Duckery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (Fodder Maize)	Nutrition management	Fodder maize production (J-1006)	40	40	12.40 lit./day/cow	9.20 lit./day/cow	34	-	-	260	446	186	1.71	220	345	125.60	1.56
Total			**90**	**90**													

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Demonstration of Health Management of Poultry Chicks through turmeric mixed feed

Distribution and proper mixing of turmeric powder with feed

Distribution of turmeric powder mixed feed

Demonstration on fodder maize production

Distribution of fodder maize seed

Trial plot

Training on fodder management in dairy animals

Recording of data at milk collection center

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

8. Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Common carps	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mussels	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ornamental fishes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl. specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total																	

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

9. Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Button mushroom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermicompost	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apiculture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total																

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

10. Women empowerment

Name of technology	No. of demonstrations	Name of technology	Observations		No. of Beneficiaries
			Check	**Demonstration**	
Women					
Drudgery Reduction	15	Use and operation of battery sprayer	20 man hr/ha	5man hr/ha	15
	13	Use and operation of Cycle Hoe	70 man hr/ha	25man hr/ha	13
	13	Use and operation of Cono weeder	60 man hr/ha	20 man hr/ha	13
Enterprises	50	Utilization of turmeric power to enhance immunity in backyard poultry chicks.	280 Rs (Gross Cost)	485 Rs (Gross Cost)	50
	65	Oyster mushroom enterprises developed	850 Rs (Gross Cost)	790 Rs (Gross Cost)	65
Farming System					
Health and nutrition					
Kitchen Garden					
Nutrigarden	75	Establishment of nutrition garden to ensure nutritional security	450 (Yield- q/ha)	351 (Yield- q/ha)	75
Storage Technique					
Value addition					
Women Empowerment					
Others					
Total - Women					
Children					
Health and nutrition	40	Supplementation of millet based value added product	**65%** children were normal (35 % were suffering from malnutrition)	**90%** children were normal (only 10 % were suffering from malnutrition)	40
Others					
Total - Children					
Other if any					

Total others					
Grand Total	0	0			

11. Farm implements and machinery

Category	**No. of FLDs**	**Name of the implement**	**Crop**	**No. of Farmer**	**Area (ha)**	**Filed observation (output/man hour)**		**% change in major parameter**	**Labor reduction (man days)**	**Cost reduction (Rs./ha or Rs./Unit)**
						Demonstration	**Check**			
Sowing and planting tools and machineries										
Total Sowing and planting Machineries										
Intercultural operation tools and machineries	1 1	Paddy Weeder/ cycle hoe	Paddy pea	13 13	5 5	20man hr/ha 25 manhr/ha	60 manhr/ha 70 manhr/ha	66.66 64.28	14 18	4250 5480
Irrigation management tools and machineries										
Plant protection tools and machineries	1	Battery Sprayer	Paddy	15	5	5 man hr/ha	20 manhour/ha	75	8	2850
Harvesting tools and machineries										
Postharvest processing tools and machineries										
Total mechanization										

tools and machineries										
Others										
Total of Others	**3**			**41**	**15**					

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Paddy Weeder Demonstration

Cycle hoe

Battery Sprayer

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	5.12.23 25.01.23 18.03.23	3 1 1	40 50 54	-
		17.10.23	1	26	-
		13.12.23	1	39	-
2.	Farmers Training	22.06.23 23.06.23 14.07.23 27.10.23 28.10.23 11.12.23 19.6.23 28.7.23 6.11.23	1 1 1 2 2 1 1 1 1	14 25 7 65 72 26 25 50 50	-

		23.1.23 17.3.23 30.3.23 13.3.23 30.8.23 29.9.23 25.12.23 5.5.23 23.5.23 22.5.23 24.5.23 22.6.23 28.6.23 6.7.23 23.9.23 11.10.23 17.10.23 5.1.23 23.2.23	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	40 25 22 12 15 12 8 25 26 23 24 22 21 20 29 19 22 50 23	
3.	Media coverage	19.3.23 19.7.23 31.8.23	2 1 1	- - -	- - -
4.	Training for extension functionaries	12.6.23 22.6.23	1 1	17 32	- -

Technical Feedback on the demonstrated technologies (if any)

Sl. No.	Crop	Feed Back
1.	Paddy Var. CR Dhan 320 and 314	The performance of these varieties was good. Farmers liked CR Dhan 320 due to its long grain type and earliness. They can fetch good price from this particular variety. CR Dhan 314 is suitable for lowland and farmers observed that there was no any disease and pest infection during crop cycle.
2.	Mustard var. PM 30	Mustard var. PM 30 gave good yield in comparison to check variety. Farmers found that this variety has better oil content than local variety. This suggests potential economic benefits due to higher oil yield per unit of produce.
3.	Vegetable pea var. Pusa Pragati	Farmers reported that Pusa Pragati is high yielding variety and well accepted in the locality. They are happy due to quick selling of fruit in market due to its physical appearance and long pod.
4.	Oyster Mushroom Production	Demonstration of Oyster mushroom production technology and Pest management in paddy straw reduced cost of cultivation and there was significant increase in yield of Mushroom up to 15%.

5.	Paddy	Demonstration of cono weeder in paddy reduced cost of weeding and there was significant increase in yield of paddy up to 30%.
6.	Paddy	Demonstration if battery sprayer in paddy reduced cost of spraying in terms of labour and also reduced drudgery
7.	Vegetables (Pea)	Demonstration of cycle weeder in vegetables reduced cost of weeding in terms of labour and also reduced drudgery in traditional method of intercultural operation by kudal/khurpi.
8.	Poultry	After adoption of advised technologies and tools of care and management of backyard chicken in rural condition mortality decreased by 30 percent and B:C ration also increased.

A. PERFORMANCE OF THE DEMONSTRATION UNDER CFLD ON PULSE AND OILSEED CROPS (CFLD)
(During Kharif, Rabi and Summer)

1. Technical Parameters:

Sl No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Chick pea (2022-23)	Pusa 256	12.00	10.00	11.85	18	New variety PUSA 3043 ,use of Bio fertilizers, line sowing, use of INM &IPM	25	10	12.60	17.00	15.00	74.41	26.58	-16.66
2	lentil (2022-23)	K-851	9.00	8.00	8.50	14	New variety IPL316,use of Bio fertilizers, line sowing, use of INM &IPM	50	20	12.25	8.65	10.35	29.37	22	-28.07
3	Mustard (2022-23)	Siwani	9.00	8.00	8.19	18.25	New variety u PM-30 use of Biofertilixer, line sowing, use of INM &IPM	100	40	14.75	8.05	13.25	58.33	61.78	-27.35
4	Linseed (2022-23)	Krishna	7.10	6.00	5.92	12-13	New variety Priyam,use of Biofertilixer, line sowing, use of INM &IPM	50	20	10.00	7.50	9.15	52.5	54.56	-23.75
5	Black gram		7.85	8.00	8.42	15	New variety Pant U 31, use of Biofertilizers, line sowing, use of INM &IPM	37	14.25	12.15	8.05	10.50	31.25	24.70	-30

	(2023-24)		7.80	8.00	8.42	12	WBU109 use of Biofertilizers, line sowing, use of INM &IPM	33	13.75	11.90	8.00	10.00	23.75	18.76	-16.6
			7.80	8.00	8.42	12	Combonent use of Biofertilizers, line sowing, use of INM &IPM	5	2.00	11.00	7.50	9.40	17.5	11.63	-21.66
6	Sunflower (2022-23) Summer	Local	9.50	9.00	6.45	20	New variety KBSH41 use of Biofertilixer, line sowing, use of INM &IPM	25	10	15.70	8.75	12.50	38.88	93.78	-60
7	Pigeonpea (2022-23)	Upas120	10.75	10.29	11.29	18-19	New variety Rajiv Lochan use of Bio fertilizer, line sowing, use of INM &IPM	50	20	15.75	10.50	14.30	61.11	28.43	-24.13
8	Sesame (2023-24)	Kankesaphed	4.60	4.50	4.18	7.5	New variety GJT-5,use of Bio fertilizer, line sowing, use of INM &IPM	25	10	7.00	3.25	6.15	36.66	47.12	-18
9	Niger (2023-24)	BN2	4.85	3.10	2.98	7.00	New varitietyBN-3,use of Bio fertilizer, line sowing, use of NainoureaINM&IPM	25	10	6.5	2.9	5.75	85.48	92.95	-17.85
10	Sunflower (2023-24)	DRSF-108	9.00	6.25	3.63	22	Modarn 23	25	10	12.90	10.15	12.00	92	230	-45.45
11	Soyabeen (2023-24)	RKS-18	8.00	6.00	8.45	27	JS2098	25	10	11.70	9.15	10.75	79	27.21	-60.18

2. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1	New variety PUSA 3043, use of Bio-fertilizers , line sowing, use of INM &IPM	37200	62760	25560	1.68	39000	78450	39450	2.01
2	New variety IPL-316, , use of Bio-fertilizers , line sowing, use of INM &IPM	32700	49440	16746	1.51	33500	62100	28600	1.85
3	New variety PM-30, use of Bio-fertilizers , line sowing, use of INM &IPM	29300	49050	19750	1.67	33300	72215	38915	2.16

4	New variety PRIYAM , use of Bio-fertilizers , line sowing, use of INM &IPM	23200	44020	20820	1.89	25800	56730	30930	2.19
5	New variety , use of Bio-fertilizers , line sowing, use of INM &IPM	36900	54557	17657	1.47	38000	72975	34975	1.92
		36900	54210	17310	1.46	37800	69500	31700	1.83
		36900	54210	17310	1.46	37000	65330	28330	1.76
6	New variety Samrat, use of Bio-fertilizers , use of Bio-fertilizers , line sowing, use of INM &IPM.	34700	70950	36250	2.04	37800	95700	57900	2.52
7	New variety Samrat, use of Bio-fertilizers , line sowing, use of INM &IPM	28200	60800	32600	2.15	34000	80000	46000	2.35
8	New variety GJT-5, use of Bio-fertilizers , line sowing, use of INM &IPM	22750	39721	16971	1.75	23670	53105	29435	2.24
9	New variety BN-3, use of Bio-fertilizers , line sowing, use of INM &IPM	21700	37509	15809	1.72	22450	44470	22020	1.98
10	New Variety Modern 23 use of Bio-fertilizers , line sowing, use of INM &IPM	28900	60840	31940	2.10	35100	81120	46020	2.31
11	New Variety JS 2098 use of Bio-fertilizers , line sowing, use of INM &IPM	30000	36800	6800	1.22	36000	49450	13450	1.37

3. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/house hold)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/ house hold)
1	Chick pea (2022-23)	1500	1300	52.30	80	120	food,education,& Health	137
2	Lentil (2022-23)	1035	935	60.00	30	70	food,education,& Health	72

3	Mustard (2022-23)	1325	1260	54.50	5	60	food,education,& Health	92
4	Linseed (2022-23)	915	800	62	25	75	food,education,& Health	72
5	Black gram (2023-24)	1050	990	69.50	20	40	food,education,& Health	72
		10.00	940	69.50	20	40		
		9.40	8.80	69.50	20	40		
6	Summer Sunflower (2022-23)	1250	1200	64.00	10	40	food,education,& Health	85
7	Pigeon pea (2022-23)	1450	1380	66	20	50	food,education,& Health	95
8	Sesame (2023-24)	615	559	86.35	6	50	food,education,& Health	75
9	Niger (2023-24)	575	509	77.34	6	60	food,education,& Health	65
10	Sunflower (2023-24)	1200	1140	67.60	10	50	food,education,& Health	85
11	Soyabeen (2023-24)	1075	985	46.00	40	50	food,education,& Health	72

B. Pulses/Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	**Technologies demonstrated (with name)**	**Farmers' Perception parameters**					
		Suitability to their farming system	**Likings (Preference)**	**Affordability**	**Any negative effect**	**Is Technology acceptable to all in the group/village**	**Suggestions, for change/improvement, if any**
1	Chick pea 1.**Introduction of new improved variety(**PUSA-3043) 2.**INM& IPM practices** (Recommended dose of fertilizer application	Ranchi district is having undulated land with less water holding capacity. Chick pea is one of the most suitable crops for Rabi season due to its short duration, requirement of less irrigation and its suitability of upland areas. Farmers do it as additional	It is a cheap source of protein for resource poor farmers in district. Besides that it gives additional				

	25:50:25::N:P:K , along with seed treatment by Rhizobium and PSB @ 200 gm per 10 kg seed each. Use of liquid bio pesticides (Dasparni), Neem oil on every 15 days interval . Yellow sticky trap was used @ 20 sticky trap per ha. for identification and control of insect.	crop which provide good income. Green gram can also be used for feed for cattle after harvesting the pods, green plants uprooted or cut from ground level and chopped into small pieces and fed to cattle. Vegetative part of crop is also used Being a leguminous crop it has the capacity to improve the soil health.	income with low input cost (due to use of locally available resources) in short duration. So preferred by the farmers. Farmers reported that it gives them filling of fullness after eating which reduces carving for more foo				
2	Lentil 1.**Introduction of new improved variety** (IPL-316) **INM& IPM practices** (Recommended dose of fertilizer application 25:50:25::N:P:K , along with seed treatment by Rhizobium and PSB @ 200 gm per 10 kg seed each. Use of liquid bio pesticides (Dasparni), Neem oil on every 15 days interval . Yellow sticky trap was used @ 20 sticky trap per ha. for identification	Ranchi district is having undulated land with less water holding capacity. Lentil is one of the most suitable crops for Rabi season due to its short duration, requirement of less irrigation and its suitability of upland areas. Farmers do it as additional crop which provide good income. Lentil can also be used for feed for cattle after harvesting the pods, green plants uprooted or cut from ground level and chopped into small pieces and fed to cattle. Vegetative part of crop is also used Being a leguminous crop it has the capacity to improve the soil health.	It is a cheap source of protein for resource poor farmers in district. Besides that it gives additional income with low input cost (due to use of locally available resources) in short duration. So preferred by the farmers. Farmers reported that it gives them filling of fullness after				

	and control of insect.		eating which reduces carving for more food				
3	Mustard Introduction of new improved variet Mustard Pusa M-30 y, with use of INM & IPM practices (Recommended dose of fertilizer 20:40:20::N:P:K , application along with seed treatment by PSB @ 200 gm per 10 kg seed. Use of liquid bio pesticides (Dasparni), Neem oil on every 15 days interval . Yellow sticky trap was used @ 20 sticky trap per ha. for identification and control of insect.	Bee-keeping is an integral part of tribal agriculture mustard farming is highly suitable to the areas where beekeeping is being done. Mustard oil is used in every house hold as the only source of the fat in there diet as well as for body and hair oil. So farmers are enthusiastic for mustard farming for house hold purpose as well as for income generation	Farmers preferred to grow mustard as it is highly required for house hold purpose, suitable for bee-keepers, mustard cake used as animal feed and for income generation. Farmers grow crop as border and mixed crop also.				
4	Linseed1.Introduction **of new improved varietyPRIYAM**, with of INM & IPM practices (Recommended dose of fertilizer 20:40:20::N:P:K , application along with seed treatment by PSB	farmers are enthusiastic for Lins seed farming for house hold purpose as well as for income generation	Farmers are growing lineseed crop as border and mixed crop also				

	@ 200 gm per 10 kg seed. Use of liquid bio pesticides (Dasparni), Neem oil on every 15 days interval . Yellow sticky trap was used @ 20 sticky trap per ha. for identification and control of insect.						
5	Black gram 1.**Introduction of new improved variety**- Pant urad-31& UBW 109 2.**INM& IPM practices** (Recommended dose of fertilizer application 25:50:25::N:P:K, along with seed treatment by Rhizobium and PSB @ 200 gm per 10 kg seed each. Use of liquid bio pesticides (Dasparni),	Since black gram is a rainfed crop suitable for upland is best suited for rainfed areas of Ranchi district having lots of undulated land. The variety is YMV tolerant so easy to adopt IPM practices. It is cheap source of protein in diet of small tribal farmers of Ranchi district. Farmers are enthusiastic for black gram farming for house hold purpose as well as for income generation.	It is a cheap source of protein for resource poor farmers in district. Besides that it gives additional income with low input cost (due to use of locally available resources) So preferred by the farmers. It may also be used as green manure crop	It is suitable for all farmers because it requires less seed. It can be grown in rainfed and summer condition with low input cost	No	It is acceptable to all groups of the farmers having lots of upland.	The average land holding of farmers in Ranchi district is less than one hectare with very little irrigation facilities (8 %). It is very difficult to conduct cluster demonstration on 10 acre at one place. If possible minimum area of cluster demonstration should be fix to 4 to 5 acre.
6	Green Gram 1.**Introduction of new improved variety** (IPM 2-3) 2.**INM& IPM practices** (Recommended dose of fertilizer application 25:50:25::N:P:K ,	Ranchi district is having undulated land with less water holding capacity. Green Gram is one of the most suitable crops for kharif and summer season due to its short duration, requirement of less irrigation and its suitability	It is a cheap source of protein for resource poor farmers in district. Besides that it gives additional income with	It is suitable for all farmers because it requires less seed and very short duration crop can be taken before kharif vegetable. It can be grown in rainfed and summer condition with low input cost	No	It is acceptable to all group of the farmers	The average land holding of farmers in Ranchi district is less than one hectare with very little irrigation facilities (8 %). It is very difficult to conduct cluster demonstration on 10 acre at one place. If possible minimum area of cluster demonstration should be fix to 4 to 5 acre.

	along with seed treatment by Rhizobium and PSB @ 200 gm per 10 kg seed each. Use of liquid bio pesticides (Dasparni).	of upland areas. Farmers do it as additional crop which provide good income. Green gram can also be used for feed for cattle after harvesting the pods, green plants uprooted or cut from ground level and chopped into small pieces and fed to cattle. Vegetative part of crop is also used as green manuring crop. Being a leguminous crop it has	low input cost (due to use of locally available resources) in short duration. So preferred by the farmers. Farmers reported that it gives them filling of fullness after eating which				
7	Pigeon pea						
8	Sesame 1.Introduction of new improved variety: GJT-5.INM& IPM practices (Recommended dose of fertilizer 40:40:20: N:P: K, application along with seed treatment by PSB @ 200 gm per 10 kg seed. Use of liquid bio pesticides (Dasparni), Neem oil on every 15 days interval . Yellow sticky trap was used @ 20 sticky trap per ha. for identification and control of insect.	Seeds of sesmum are widely used for food purpose. Oil is important for cooking and cosmetic purposes. It is suitable for upland rainfed areas of Ranchi district. Since animals do not eat its leaves it is suitable for village having open grazing system. It was also observed that fallen leaves of plants reduce weed growth. It having rich in ca content it adds to provide nutritional securities to tribal areas.	Farmers preferred to grow Sesamem as it is highly required for house hold purpose. It has good market value Rs 80 to 120 per kg.	It is suitable for all farmers because it requires less seed and less disease incidence. It is suitable for upland rainfed areas.	No	It is acceptable to marginal and medium land of the farmers	

9	Niger 1.Introduction of **new improved variety:BN-3 2**. INM & IPM practices (Recommended dose of fertilizer 20:40:20::N:P:K , application along with seed treatment by PSB @ 200 gm per 10 kg seed. Use of liquid bio pesticides (Dasparni), Neem oil on every 15 days interval . Yellow sticky trap was used @ 20 sticky trap per ha. for identification and control of insect.	Bee-keeping is an integral part of tribal agriculture Niger farming is highly suitable to the areas where beekeeping is being done. It is cultivated in upland in late kharif season. Niger can also be grown as a contingent crop. It suitable for upland rainfed farming.	Although niger is not used for house hold purpose farmers preferred to grow niger as it is highly suitable as contingent crop and bee-keeping. It has good market value in the district.	It is suitable for all farmers because it is a rainfed crop having minimum incidence of disease and pest and has good market value.	No	It is acceptable to all group of the farmers	

C. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check			Farmers Feedback
		Demo Yield qt/ha	CkeckYeildqt/ha	Increase %	
Chick pea(2022-23)		15.00	12.00	25.00	
Lentil(2022-23)		10.35	8.25	23.33	
Mustard(2022-23)		13.25	9.00	47.22	

Linseed(2022-23)		9.15	7.10	28.87	
Summer sunflower (2022-23)		12.50	9.50	31.57	
Black gram (2023-24)	Since black gram is a rainfed crop suitable for upland is best suited for rainfed areas of Ranchi district having lots of undulated land. The variety pant u31 is YMV tolerant so easy to adopt IPM practices. It is cheap source of protein in diet of small tribal farmers of Ranchi district. Farmers are enthusiastic for black gram farming for house hold purpose as well as for income generation	10.50 10.00 9.40	7.85 7.80 7.80	33.75 28.20 20.51	1. Black Gram was already in practice among farmers of Ranchi district due its suitability to their farming system and food habit. 2. Since yield from introduced variety was per cent more, farmers like this variety for house hold purpose as well as income generation. 3. Most of the farmers are ready to adopt the technologies demonstrated as they reported that it reduces input cost, improve soil health and prepared by locally available waste materials. 4. farmers also liked the YMV resistant nature of variety, which is main disease of Black Gram in this areas.
	Suitability to their farming system Since black gram is a rainfed crop suitable for upland is best suited for rainfed areas of Ranchi district having lots of undulated land. The variety is YMV tolerant so easy to adopt IPM practices. It is cheap source of protein in diet of small tribal farmers of Ranchi district. Farmers are enthusiastic for black gram farming for house hold purpose as well as for income generation.	14.50	10.75	34.88	1. Green Gram Less incidence of disease and pest in comparison of local variety reported by farmers 2. Yield was 34.88 per cent more. 3. Most of the farmers are ready to adopt this variety with Green Gram Less incidence of disease and pest in comparison of local variety reported by farmers
Pigeon pea (2022-23)	Since Pigeon pea is a rainfed crop suitable for upland is best suited for rainfed areas of Ranchi district having lots of undulated land. The varietyRajiv lochan is YMV tolerant so easy to adopt IPM practices. It is cheap source of protein in diet of small	14.50	10.75	34.88	1. Pigeon pea was already in practice among farmers of Ranchi district due its suitability to their farming system and food habit. 2. Since yield from introduced variety was 34.88 per cent more, farmers like this variety for house

	tribal farmers of Ranchi district. Farmers are enthusiastic for black gram farming for house hold purpose as well as for income generationIt is acceptable and suitable for upland rainfed areas of Ranchi district				hold purpose as well as income generation. 3. Most of the farmers are ready to adopt the technologies demonstrated as they reported that it reduces input cost, improve soil health and prepared by locally available waste materials. 4. farmers also liked the resistant to sterility mosaic virus and wilt tolerant to pod brorer ,bold seeded with higher Dal recovery
Sesame (2023-24)	Oil content of RT-346 is nearly 1to 2 % more in comparison to existing variety. It is suitable for all farmers because it is a rainfed crop having minimum incidence of disease and pest and has good market value	6.15	4.60	25.20	1.Since yield from introduced variety was per cent more, farmers like this variety for house hold purpose as well as income generation. 2.Farmers preferred to grow Sesamem as it is highly required for house hold purpose. It has good market value Rs 70 to 100 per kg.
Niger (2023-24)	Bee-keeping is an integral part of tribal agriculture Niger farming is highly suitable to the areas where beekeeping is being done. It is cultivated in upland in late kharif season. Niger can also be grown as a contingent crop. It is suitable for upland rainfed farming.Birsa Niger -3 is having minimum incidence of disease and pest and has good market value.	5.75	4.85	18.55	Farmers are very eager to adopt the technology in future as it is not only increasing his earning from Niger cultivation but also from Bee-keeping. It is suitable for all farmers because
Sunflower (2023-24)		12.00	9.00	33.33	
Soyabeen (2023-24)		10.75	8.00	34.37	

D. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Training cum follow up on chick pea	15/07/2022 Badakigorang	37
		19/12/2022 Khaksitoli	26
		08/07/2022 Khaksitoli	13
		15/07/2022 Badkigorang	37
		12/8/2022 Khaksitoli	9
		08/10/2022 Khaksitoli	45
		31/12/2022 Badakigorang	41
		Total	**208**
2	Training cum follow up on lentil	21/11/2022 Mahadevtoli	17
		08/10/2022 Khaksitoli	45
		12/08/2022 Khaksitoli	9
		19/12/2022 Khaksitoli	26
		05/1/2023 Mahadevtoli	43
		14/02/2023 Mahadevtoli	23
		Total	**163**
3	Training cum follow up on Mustard	19/11/2022 Khaksitoli	20
		25/10/2022 Manatu	60
		31/12/2022 Badakigorang	41
		13/01/1023 Khaksitoli	25
		Total	**146**
4	Training cum follow up on Linseed	14/02/2022 Hadrabera	36
		Total	**36**
5	Training cum follow up on Black Gram	08/11/2023 Bandhuwadih	13
		27/11/2023 Kharkutoli	27

		18/07/2023 Khakhra	52
		Total	**92**
6	Training cum follow up on Sunflower Summer	21/04/2023 Bandhuwadih	30
		14/02/2022 Obar	22
		23/02/2023 Bandhuwadih	36
		28/02/2022 Ramdaga	11
		22/09/2023 Bandhuwadih	47
		Total	**146**
7	Training cum follow up on Pigeon pea	16/06/2022 Chipibandhdih	89
		04/07/2022 Dimra	66
		08/07/2022 Khaksitoli	13
		08/07/2022 Obar	31
		08/07/2022 Soso	12
		13/01/2023	25
		28/03/2023 Khaksitoli	21
		Total	**257**
8	Training cum follow-up for Sesame	12/07/2023 Karanjwatoli	22
		16/10/2023 Gurgurjari	18
		20/10/2023 Chutrudih	18
		Total	**58**
9	Training cum follow-up for Niger	21/08/2023 Jhiki	15
		Total	**15**
10	Training cum follow-up for Sunflower	17/08/2023 Lawagara	10
		19/19/2023 Lawagara	10
		Total	**20**
11	Training cum follow-up for Soyabeen	16/10/2023 Gurgurjari	18
		20/10/2023 Chutrudih	18

		Total	**36**
		Sub Total	**1140**

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	**Chick pea 2022-23 (Field Day, Training cum follow up) Khaksitoli, Badkigorang, Rangamati, Mahadevtoli**	15/07/2022 Badakigorang 19/12/2022 Khaksitoli 08/07/2022 Khaksitoli 15/07/2022 Badakigorang 12/8/2022 Khaksitoli 08/10/2022 Khaksitoli 31/12/2022 Badakigorang	208
2	**Lentil 2022-23 (Field Day, Training cum follow up) Khaksitoli, Lawagara, Mahadevtoli, Manatu**	21/11/2022 Mahadevtoli 17 08/10/2022 Khaksitoli 45 12/08/2022 Khaksitoli 9 19/12/2022 Khaksitoli 26 05/1/2023 Mahadevtoli 43 14/02/2023 Mahadevtoli 23	163
3	**Mustard 2022-23 (Field Day, Training cum follow up) Khaksitoli, Obar, Hadrabera, Dumartoli, Badkigorang, rangamati, Soso, Manatu**	19/11/2022 Khaksitoli 20 25/10/2022 Manatu 60 31/12/2022 Badakigorang 41 13/01/1023 Khaksitoli 25	156
4	**Linseed 2022-23 (Field Day, Training cum follow up) Khaksitoli, Hadrabera, Badkigorang, Lawagara**	14/02/2022 Hadrabera 36	36

5	**Black Gram 2023-24 (Field Day, Training cum follow up) Karkutoli, Bandhuwadih, Khakhara, Khaksitoli**	08/11/2023 Bandhuwadih 13 27/11/2023 Kharkutoli 27 18/07/2023 Khakhra 52	92
6	**Sunflower Summe r2022-23 (Field Day, Training cum follow up) Khaksitoli, Obar, Mahuwatungri, Ramdaga, Banduwadih**	21/04/2023 Bandhuwadih 30 14/02/2022 Obar 23/02/2023 Bandhuwadih 36 28/02/2022 Ramdaga 11 22/09/2023 Bandhuwadih 47	
7	**Pigeon Pea2022-23 (Field Day, Training cum follow up) Chipibandih, Khaksitoli, obar, Soso, Lenkiya, Dimra, Kandula**	16/06/2022 Chipibandhdih 89 04/07/2022 Dimra 66 08/07/2022 Khaksitoli 13 08/07/2022 Obar 31 08/07/2022 Soso 12 13/01/2023 25 28/03/2023 Khaksitoli 21	257
8	**Sesame 2023-24 (Field Day, Training cum follow up) Karanjwatoli, Gurgurjari, Chutrudih, Merhetungri**	12/07/2023 Karanjwatoli 22 16/10/2023 Gurgurjari 18 20/10/2023 Chutrudih 18	58
9	**Niger 2023-24 (Field Day, Training cum follow up) Jhiki**	21/08/2023 Jhiki 15	
10	**Sunflower 2023-24 (Field Day, Training cum follow up) Lawagara, Chutrudih, Gurgurjari, Jhaki**	17/08/2023 Lawagara 10 19/19/2023 Lawagara 10	20
	Soyabeen 2023-24 (Field Day, Training cum follow up)	16/10/2023 Gurgurjari 18	

11	**Karanjwatoli, Gurgurjari, Simalbera, Chutrudih**	20/10/2023 Chutrudih 18	36

E. Sequential good quality photographs (as per crop stages i.e. growth & development)

		
Field Visit Of Chick Pea	**Input Distribution of Chick Pea**	**Input Distribution of Mustard**
		
Training of Lentil	**Input Distribution of Lentil**	**Input Distribution of Black Gram**

		
Field Visit Of Mustard	**Field Visit Of Black Gram**	**Input Distribution of Sunflower Summer**
		
Input Distribution of Linseed	**Input Distribution of Pigeon Pea**	**Field Visit Of Sunflower Summer**

		
Input Distribution of Soyabean	**Input Distribution of Sesame**	**Input Distribution of Sunflower**

F. Farmers' training photographs

		
Training of Chick Pea	**Training of Soyabean**	**Training of Sunflower**

		
Training of Sesame	**Training of Nizer**	**Training of Pigeon Pea**
		
Training of Black Gram	**Training of Sunflower Summer**	**Training of Linseed**

G. Quality Action Photographs of field visits/field days and technology demonstrated.

		
Field Visit Of Mustard	**Field Visit Of Nizer**	**Field Visit Of Pigeon Pea**
		
Field Visit Of Lentil	**Field Visit Of Sun Flower**	**Field Visit of Sesmum**

H. Details of budget utilization

SN.	Crop (provide crop wise information)	Items	Budget	Budget Utilization	Balance
			(Rs.)	(Rs.)	(Rs.)

1	Chick pea (2022-23)	i) Critical input	81000	86987	-5987
		ii) TA/DA/POL etc. for monitoring	9000	2993	6007
2	Lentil (2022-23)	i) Critical input	162000	157946	4054
		ii) TA/DA/POL etc. for monitoring	18000	17996	4
3	Pigeon pea (2022-23)	i) Critical input	162000	135433	26567
		ii) TA/DA/POL etc. for monitoring	18000	17949	51
4	Linseed (2022-23)	i) Critical input	90000	75250	14750
		ii) TA/DA/POL etc. for monitoring	10000	9982	18
5	Mustard (2022-23)	i) Critical input	216000	214274	1726
		ii) TA/DA/POL etc. for monitoring	24000	23996	4
6	Soybean (2023-24)	i) Critical input	67500	65550	1950
		ii) TA/DA/POL etc. for monitoring	7500	4870	2630
7	Black gram (2023-24)	i) Critical input	243000	172957	70043
		ii) TA/DA/POL etc. for monitoring	27000	8550	18450
8	Sesame (2023-24)	i) Critical input	45000	14880	30120
		ii) TA/DA/POL etc. for monitoring	5000	3250	1750
9	Niger (2023-24)	i) Critical input	45000	20450	24550
		ii) TA/DA/POL etc. for monitoring	5000	3925	1075
10	Sunflower (2023-24)	i) Critical input	54000	33400	20600
		ii) TA/DA/POL etc. for monitoring	6000	5047	953

List of Farmer under FLD (Attached)

CLUSTER FRONT LINE DEMONSTRSTION PROGRAMME (CFLD) - CROP -Black Gram - 2022 - 23																
SL.NO.	NAME OF FARMER	FATHER NAME	GENDER	VILLAGE	BLOCK	DISTRICT	CASTE	LAND HOLDING (IN HA)	LATITUDE	LONGITUDE	BANK NAME	IFSC CODE	A/C NO.	DATE OF SOWING	ADHAAR NO.	MOBILE NO
1	DIPENDRA BEDIYA	DHANESHWAR BEDIYA	Male	KHAKSIT OLI	ANGARA	RANCHI	ST	0.4						10.7.22	2196 4207 0360	6205922405
2	LALU MUNDA	SAMAN DEVI	Male	NAVAGA DHSOSO	ANGARA	RANCHI	ST	0.4	23.44 8759	85.58 1053	BOI	BKID0004941	49411010 0001900	12.7.22	7421 3987 4632	8541856908
3	HARIYA BEDIYA	LATE KARMA BEDIYA	Male	OBER	ANGARA	RANCHI	ST	0.4			BOI	BKID0004941	49411011 0003859	14.7.22	6698 7324 8089	8789572535
4	NISHANT SHAHI MUNDA	ADITYA PRASAD SHAHI MUNDA	Male	KHAKSIT OLI	ANGARA	RANCHI	ST	0.4	23.26 8	85.36 45	BOI	BKID0004941	49411051 0005193	15.7.22	3096 7910 3990	6205641837
5	PARMESHWAR SHAHI	RAVINDRA PRASAD SHAHI	Male	KHAKSIT OLI	ANGARA	RANCHI	ST	0.4	23.25 52	85.36 21	BOI	BKID0004941	49411010 0004648	10.7.22	8739 8679 1256	6207341950
6	BALESHWAR MUNDA	LATE MALASAY MUNDA	Male	NAVAGA DHSOSO	ANGARA	RANCHI	ST	0.4	23.44 5982	85.59 449	BOI	BKID0004941	49411011 0011912	9.7.22	6017 6063 6975	9142886207
7	SHIVRAM PAHAN	RUSKA PAHAN	Male	NAVAGA DHSOSO	ANGARA	RANCHI	ST	0.4	23.44 8877	85.58 126	BOI	BKID0004941	49411010 0002753	15.7.22	2051 1786 2638	
8	VINAY KUMAR MUNDA	LATE FUNUWA MUNDA	Male	NAVAGA DHSOSO	ANGARA	RANCHI	ST	0.4	23.44 869	85.58 1346	BOI	BKID0004941	49411051 0007925	13.7.22	5469 5068 1120	8340396246
9	SUDHNA MUNDA	LATE JHABUWA MUNDA	Male	NAVAGA DHSOSO	ANGARA	RANCHI	ST	0.4	23.44 901	85.58 144	BOI	BKID0004941	49411010 0003964	12.7.22	4323 6478 2241	6203433102
10	SOMRA BEDIYA	MANGTU BEDIYA	Male	KHAKSIT OLI	ANGARA	RANCHI	ST	0.4	23.26 7	85.30 5				12.7.22	7387 5530 8368	8591712591

CLUSTER FRONT LINE DEMONSTRSTION PROGRAMME (CFLD) - CROP -Black Gram - 2022 - 23																
SL.NO.	NAME OF FARMER	FATHER NAME	GENDER	VILLAGE	BLOCK	DISTRICT	CASTE	LAND HOLDING (IN HA)	LATITUDE	LONGITUDE	BANK NAME	IFSC CODE	A/C NO.	DATE OF SOWING	ADHAAR NO.	MOBILE NO
11	ROHINA BEDIYA	JOGIYA BEDIYA	Male	OBER	ANGARA	RANCHI	ST	0.4			CBI	CBIN0281559	34957634366	13.7.22	5754 9933 1639	7857040728
12	BIDAMBAR BEDIYA	RAMSHU BEDIA	Male	KHAKSIT OLI	ANGARA	RANCHI	ST	0.4	23.2622	85.375	BOI	BKID0004941	49411011 0000337	14.7.22	5036 0206 9906	6201269140
13	SHANICHARWA BEDIA	SOHRAIYA BEDIA	Male	KHAKSIT OLI	ANGARA	RANCHI	ST	0.4	23.2622	85.375	BOI	BKID0004941	49411051 0007964	15.7.22	9343 4973 9540	
14	MAHADEV BEDIA	TULSI BEDIA	Male	KHAKSIT OLI	ANGARA	RANCHI	ST	0.4	23.2552	85.3621	BOI	BKID0004941	49411011 0000470	12.7.22	9884 8109 5900	
15	JAHIN BEDIA	ETWA BEDIA	Male	OBER	ANGARA	RANCHI	ST	0.4			BOI	BKID0004941	49411011 0005803	14.7.22	9492 2283 4174	
16	MANESHWAR BEDIA	SOHRAI BEDIA	Male	OBER	ANGARA	RANCHI	ST	0.4			BOI	BKID0004941	49411011 0002622	15.7.22	8506 0628 5611	7321960575
17	MAHAVIR BEDIA	MAHADEV BEDIA	Male	OBER	ANGARA	RANCHI	ST	0.4			BOI	BKID0004941	49411821 0000255	15.7.22	4171 4584 2050	
18	JOLO DEVI	GUNAGHAR BEDIA	Female	RANUDARU	ANGARA	RANCHI	ST	0.4			IOB	IOBA0003382	338201000002516	14.722	6679 3084 6379	6207713182
19	SARADA DEVI	BUDHRAM BEDIA	Female	RANUDARU	ANGARA	RANCHI	ST	0.4			CBI	CBIN028559	2130347020	15.7.22	3822 6174 5789	
20	SARASWATI DEVI	KALESWAR BEDIA	Female	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCGB	22010267823	14.722	9417 1904 4428	8986887754
21	JAGMOHAN BEDIA	DHANPATI BEDIA	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCGB	22010242912	15.7.22	3972 5590 0720	

CLUSTER FRONT LINE DEMONSTRSTION PROGRAMME (CFLD) - CROP -Black Gram - 2022 - 23																
SL.NO.	NAME OF FARMER	FATHER NAME	GENDER	VILLAGE	BLOCK	DISTRICT	CASTE	LAND HOLDING (IN HA)	LATITUDE	LONGITUDE	BANK NAME	IFSC CODE	A/C NO.	DATE OF SOWING	ADHAAR NO.	MOBILE NO
22	YOGENDRA PRASAD BEDIA	RAMKISHORE BEDIA	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			IOB	IOBA0003382	338201000005004	14.7.22	560858738556	
23	KARTHIK BEDIA	RAMU BEDIA	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			UBI	UBIN0530093	300902420005032	15.7.22	795795095020	6206505344
24	FAGNI DEVI	MAHENDRA BEDIA	Female	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCGB	84048867632	11.7.22	889397547474	
25	BUDHANWALA DEVI	DUBRAJ BEDIA	Female	RANUDARU	ANGARA	RANCHI	ST	0.4			B B	BARBOVJTATI	65368100000967	14.7.22	688678344309	
26	HALDHAR BEDIA	BANESHWAR BEDIA	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCGB	22010257859	13.7.22	414830671440	
27	SUBASH BEDIA	PARIKSHIT BEDIA	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			A B	ALLA0213488	50434395786	11.7.22	9.7.228743805389899	9341957228
28	LALKU BEDIA	MUNNA BEDIA	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			IOB	IOBA0003382	338201000010052	10.722	675973634843	6205569833
29	SHYAM SUNDAR NAYAK	BUDHRAM NAYAK	Male	RANUDARU	ANGARA	RANCHI	SC	0.4			BOI	BKID0004941	494118210001565	14.722	825176250757	8987668151
30	RENUKA DEVI	DURYODHAN BEDIA	Female	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCGB	2201023633	15.7.22	647800055281	9661820419
31	RASRAJ BEDIA	MAKUND BEDIA	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCGB	22010289609	14.722	650241238972	6299417309
32	JAGDISH BEDIA	RAMNATH BEDIA	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCGB	22010288561	15.7.22	779212772370	

CLUSTER FRONT LINE DEMONSTRSTION PROGRAMME (CFLD) - CROP -Black Gram - 2022 - 23																
SL.NO.	NAME OF FARMER	FATHER NAME	GENDER	VILLAGE	BLOCK	DISTRICT	CASTE	LAND HOLDING (IN HA)	LATITUDE	LONGITUDE	BANK NAME	IFSC CODE	A/C NO.	DATE OF SOWING	ADHAAR NO.	MOBILE NO
33	NILKANT BEDIA	RAMNATH BEDIA	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			B B	BARBOVJTATI	65368100000492	14.7.22	791099840766	
34	DEVILAL BEDIA	MANIRAM BEDIA	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			A B	ALLA0213488	50459607410	15.7.22	881725058465	6207212261
35	RAJO DEVI	RAVINDRA BEDIA	Female	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCGB	22010314194	11.7.22	549118138380	9798970980
36	ROPAN DEVI	PUSHWA BEDIA	Female	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCGB	22010289610	15.7.22	722894870868	
37	AVADHESH SINGH MUNDA	GOVARDHAN SINGH MUNDA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.26624	85.3635	BOI	BKID0004941	494110100002318	14.7.22	496688707931	7061657154
38	SHIVDHAN BHOGTA	SUKRA BHOGTA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.2554	85.375	BOI	BKID0004941	494110110000493	15.7.22	722533776508	8102640917
39	SHRAVAN BEDIA	FAGU BEDIA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.2622	85.375	BOI	BKID0004941	494110110001115	14.722	331689591745	9199572513
40	PHULESHWAR PAHAN	SUKHNATH PAHAN	Male	KANADIH	BURMU	RANCHI	ST	0.4			BOI	BKID0004944	494410100005244	18.7.22	478987498547	9142272302
41	MADAN PAHAN	VISHWANATH PAHAN	Male	KANADIH	BURMU	RANCHI	ST	0.4			BOI	BKID0004944	494410110009855	20.7.22	262303832146	9102380594
42	RAJKISHOR MUNDA	SHIV NATH MUNDA	Male	KANADIH	BURMU	RANCHI	ST	0.4			CNRB	CNRB0005706	5706101001371	15.7.22	761201613451	7739011389
43	SANTOSH MUNDA	MAHABIR PAHAN	Male	KANADIH	BURMU	RANCHI	ST	0.4			BOI	BKID0004944	494418210000778	14.722	439098042705	7261867752

CLUSTER FRONT LINE DEMONSTRSTION PROGRAMME (CFLD) - CROP -Black Gram - 2022 - 23																
SL.NO.	NAME OF FARMER	FATHER NAME	GENDER	VILLAGE	BLOCK	DISTRICT	CASTE	LAND HOLDING (IN HA)	LATITUDE	LONGITUDE	BANK NAME	IFSC CODE	A/C NO.	DATE OF SOWING	ADHAAR NO.	MOBILE NO
44	BALKRISHN PAHAN	LATE GULLU PAHAN	Male	KANADIH	BURMU	RANCHI	ST	0.4			BOI	BKID0004944	49441010 0009160	15.7.22	8417 8680 6497	9608464559
45	BIRSA PAHAN	UDAY NATH PAHAN	Male	KANADIH	BURMU	RANCHI	ST	0.4			BOI	BKID0004944	49441011 0000541	14.722	3866 2899 3306	6204187649
46	DASHRATH PAHAN	LATE SHIVCHARAN PAHAN	Male	KANADIH	BURMU	RANCHI	ST	0.4			BOI	BKID0004944	49441011 0002381	15.7.22	5299 4851 7507	9113150351
47	SANTOSH YADAV	HARI MAHTO	Male	KANADIH	BURMU	RANCHI	BC-I	0.4			BOI	BKID0004944	49441010 0005244	14.7.22	7453 1927 7618	9631200563
48	VIJAY GANJHU	TEJU GANJHU	Male	KANADIH	BURMU	RANCHI	SC	0.4			BOI	BKID0004944	49441011 0006233	15.7.22	4110 8520 9915	9262585597
49	RAM LAL GANJHU	SAHDEV GANJHU	Male	KANADIH	BURMU	RANCHI	SC	0.4			BOI	BKID0004944	49441011 0003046	11.7.22	4028 0181 2367	6202489974
50	ANIL MAHTO	GHALTU MAHTO	Male	RANUDARU	ANGARA	RANCHI	BC-II	0.4			BOI	BKID0004941	49411821 0004997		6162 4395 3932	

List of Farmers under CFLD

CLUSTER FRONT LINE DEMONSTRSTION PROGRAMME (CFLD) - CROP -Green Gram - 2022 - 23																
SL.NO.	NAME OF FARMER	FATHER NAME	GENDER	VILLAGE	BLOCK	DISTRICT	CASTE	LAND HOLDING (IN HA)	LATITUDE	LONGITUDE	BANK NAME	IFSC CODE	A/C NO.	DATE OF SOWING	ADHAAR NO.	MOBILE NO
1	SAVITRI DEVI	ARJUN MUNDA	Female	CHIPIBANDHDIH	TAMAR	RANCHI	ST	0.4						5.7.22	7457 4514 9509	7667180356

2	SHABHUNATH MAHTO	TILO MAHTO	Male	CHIPIBAN DHDIH	TAMAR	RANCHI	BC-I	0.4						11.7.22	6681 6701 3953	
3	JOLO DEVI	GUNAGHAR BEDIA	Female	RANUDA RU	ANGARA	RANCHI	ST	0.4			IOB	IOBA0003382	33820100 0002516	15.7.22	6679 3084 6379	6207713182
4	SARASWATI DEVI	KALESWAR BEDIA	Female	RANUDA RU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCGB	22010267 823	14.7.22	9417 1904 4428	8986887754
5	FAGNI DEVI	MAHENDRA BEDIA	Female	RANUDA RU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCGB	84048867 632	8.7.22	8893 9754 7474	
6	HALDHAR BEDIA	BANESHWAR BEDIA	Male	RANUDA RU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCGB	22010257 859	10.7.22	4148 3067 1440	
7	ROPNI DEVI	KRISHNA MUNDA	Female	CHIPIBAN DHDIH	TAMAR	RANCHI	ST	0.4						19.7.22	6462 6289 6197	
8	SHYAM SUNDAR NAYAK	BUDHRAM NAYAK	Male	RANUDA RU	ANGARA	RANCHI	SC	0.4			BOI	BKID0004941	49411821 0001565	10.7.22	8251 7625 0757	8987668151
9	RASRAJ BEDIA	MAKUND BEDIA	Male	RANUDA RU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCGB	22010289 609	11.7.22	6502 4123 8972	6299417309
10	BHIMRAM MAHTO	SITARAM MAHTO	Male	CHIPIBAN DHDIH	TAMAR	RANCHI	BC-I	0.4						12.7.22	6997 6712 3877	
11	PATUMAN SINGH MUNDA	GANGA NARAYAN SINGH MUNDA	Male	CHIPIBAN DHDIH	TAMAR	RANCHI	ST	0.4						15.7.22	4341 4109 0921	
12	SHAKUNTALA DEVI	POORNA LOHRA	Female	CHIPIBAN DHDIH	TAMAR	RANCHI	ST	0.4						15.7.22	9625 0042 4126	
13	ATVA VIRHORE	GOVINDA VIRHORE	Male	CHIPIBAN DHDIH	TAMAR	RANCHI	ST	0.4						13.7.22	7446 3717 2639	
14	RATAN MAHTO	SHAMBHU NATH MAHTO	Male	CHIPIBAN DHDIH	TAMAR	RANCHI	BC-I	0.4						19.7.22	8858 6493 4963	
15	SHUSHEELA KUMARI	RADHAMOHAN MAHTO	Female	CHIPIBAN DHDIH	TAMAR	RANCHI	BC-I	0.4						20.7.22	3120 5074 9603	

16	SHEELA DEVI	LAKHAN MAHTO	Male	CHIPIBAN DHDIH	TAMAR	RANCHI	BC-II	0.4						18.7.22	6952 0794 7188	
17	SARLA DEVI	PUNDI MAHTO	Female	CHIPIBAN DHDIH	TAMAR	RANCHI	BC-II	0.4						14.7.22	2839 4426 5988	
18	VINAS MUNDA	LOHRA MUNDA	Male	CHIPIBAN DHDIH	TAMAR	RANCHI	ST	0.4						15.7.22	3273 9196 8942	
19	KRISHNA MAHTO	SHAWA MAHTO	Male	CHIPIBAN DHDIH	TAMAR	RANCHI	BC-II	0.4						20.7.22	8974 8139 7432	
20	SHANTI DEVI	AKLA MAHTO	Female	CHIPIBAN DHDIH	TAMAR	RANCHI	BC-II	0.4						18.7.22	4142 6519 9465	
21	BHANESHWARI DEVI	KRISHNA CHANDRA MAHTO	Female	CHIPIBAN DHDIH	TAMAR	RANCHI	BC-II	0.4						20.7.22	6149 7920 0226	
22	MITHILA DEVI	JITENDRA MAHTO	Female	CHIPIBAN DHDIH	TAMAR	RANCHI	BC-II	0.4						18.7.22	4469 9496 7704	
23	GURUVARI DEVI	UPENDRA NATH MAHTO	Female	CHIPIBAN DHDIH	TAMAR	RANCHI	BC-II	0.4						10.7.22	7150 5866 6785	
24	PABITA DEVI	PANCHANAN MAHTO	Female	CHIPIBAN DHDIH	TAMAR	RANCHI	BC-II	0.4						11.7.22	8153 9227 8915	
25	KHAGENDRA SINGH MUNDA	CHAMU MUNDA	Male	RANUDA RU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCGB	22010259 629	12.7.22	7751 5017 5832	
26	SHAMBHU PRASAD MUNDA	CHAMU MUNDA	Male	RANUDA RU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCGB	22010207 513	10.7.22	5877 0018 5747	
27	SARASWATI DEVI	PATEL SINGH MUNDA	Female	RANUDA RU	ANGARA	RANCHI	ST	0.4			UCB	UCBA0003323	3.32301E +13	11.7.22	5168 1754 5541	
28	SUKAR MANE DEVI	RUP SINGH MUNDA	Male	RANUDA RU	ANGARA	RANCHI	ST	0.4			UCB	UCBA0003323	33230110 009147	12.7.22	2592 8410 6451	
29	SHASHI GOP	DURGA MAHTO	Male	KANADIH	BURMU	RANCHI	BC-II	0.4						10.7.22	4810 8269 4143	9955458050

30	PHULESHWAR PAHAN	SUKHNATH PAHAN	Male	KANADIH	BURMU	RANCHI	ST	0.4						10.7.22	4789 8749 8547	9142272302
31	MADAN PAHAN	VISHWANATH PAHAN	Male	KANADIH	BURMU	RANCHI	ST	0.4						11.7.22	2623 0383 2146	9102380594
32	ANITA DEVI	SUKAR PAHAN	Female	KANADIH	BURMU	RANCHI	ST	0.4						15.7.22	4010 3122 1810	7484804773
33	RAJKISHOR MUNDA	SHIV NATH MUNDA	Male	KANADIH	BURMU	RANCHI	ST	0.4						13.7.22	7612 0161 3451	7739011389
34	SANTOSH MUNDA	MAHABIR PAHAN	Male	KANADIH	BURMU	RANCHI	ST	0.4						19.7.22	4390 9804 2705	7261867752
35	RAMSHEVAK PAHAN	VISHWANATH PAHAN	Male	KANADIH	BURMU	RANCHI	ST	0.4						20.7.22	9173 1008 3620	6206135580
36	SEEMA DEVI	CHOTU PAHAN	Female	KANADIH	BURMU	RANCHI	BC-II	0.4						18.7.22	3911 4478 3442	6204375289
37	KRISHNA YADAV	DHANESWAR MAHTO	Male	KANADIH	BURMU	RANCHI	BC-II	0.4						18.7.22	9234 8669 9814	9939195415
38	ARJUN YADAV	DHANESWAR YADAV	Male	KANADIH	BURMU	RANCHI	BC-II	0.4						10.7.22	9029 0226 4075	8235482494
39	RITA DEVI	DASRATH PAHAN	Female	KANADIH	BURMU	RANCHI	ST	0.4						11.7.22	9436 4138 9590	9113150351
40	RAGHUVEER PAHAN	GONYA PAHAN	Male	KANADIH	BURMU	RANCHI	ST	0.4						12.7.22	2531 8822 7022	7260996080
41	MAHESH PAHAN	SHIDHANATH PAHAN	Male	KANADIH	BURMU	RANCHI	ST	0.4						10.7.22	4320 4049 6852	9693211611
42	PRATIMA DEVI	SULENDRA PAHAN	Female	KANADIH	BURMU	RANCHI	ST	0.4						11.7.22	4105 4679 6205	9142136453
43	RAMBRI GANJHU	BUDHESWAR GANJHU	Male	KANADIH	BURMU	RANCHI	BC-II	0.4						12.7.22	4744 1230 5752	8374941820

44	SONARAM SWANSI	LATE SOMA SWANSI	Male	CHIPIBANDHDIH	TAMAR	RANCHI	ST	0.4						10.7.22	377713633047	
45	RAMPRASAD SWANSI	LATE MADHUSUDAN SWANSI	Male	CHIPIBANDHDIH	TAMAR	RANCHI	ST	0.4						19.7.22	202406259860	
46	SUBHADRA DEVI	SHREE CHANDRA RAM SWANSI	Female	CHIPIBANDHDIH	TAMAR	RANCHI	ST	0.4						20.7.22	420276740440	
47	JAIRAM SWANSI	BARTU RAM SWANSI	Male	CHIPIBANDHDIH	TAMAR	RANCHI	ST	0.4						10.7.22	596499717287	
48	SANJAY PRAMANIK	LATE SHIVCHARAN PRAMANIK	Male	DONGIDIH	TAMAR	RANCHI	BC-I	0.4						11.7.22	538044639289	
49	RAMESH PRAMANIK	YUDHISHTHIR PRAMANIK	Male	DONGIDIH	TAMAR	RANCHI	BC-I	0.4						12.7.22	263990888470	
50	CHAMU MUNDA	LATE SOHAN MUNDA	Male	CHIPIBANDHDIH	TAMAR	RANCHI	ST	0.4						10.7.22	452941874934	

CLUSTER FRONT LINE DEMONSTRSTION PROGRAMME (CFLD) - CROP -Pigeon Pea - 2022 - 23

SL.NO.	NAME OF FARMER	FATHER NAME	GENDER	VILLAGE	BLOCK	DISTRICT	CASTE	LAND HOLDING (IN HA)	LATITUDE	LONGITUDE	BANK NAME	IFSC CODE	A/C NO.	DATE OF SOWING	ADHAAR NO.	MOBILE NO
1	RITA DEVI	(W/O) NARAYAN BEDIYA	Female	khaksi toli	ANGARA	RANCHI	ST	0.4	23.2622	85.375	BOI	BKID0004941	494110110000011	1.7.22	567356422448	7250205669
2	RAMNATH MAHTO		Male	CHIPIBANDHDIH	TAMAR	RANCHI	BC-I	0.4						15.7.22		
3	MANGLA DEVI	VISHESWAR SINGH MUNDA	Female	CHIPIBANDHDIH	TAMAR	RANCHI	ST	0.4						14.7.22	357636798759	
4	KASHINATH MAHTO	LATE JAYRAM MAHTO	Male	CHIPIBANDHDIH	TAMAR	RANCHI	BC-I	0.4						11.7.22	571723332322	

CLUSTER FRONT LINE DEMONSTRSTION PROGRAMME (CFLD) - CROP -Pigeon Pea - 2022 - 23																
SL.NO.	NAME OF FARMER	FATHER NAME	GENDER	VILLAGE	BLOCK	DISTRICT	CASTE	LAND HOLDING (IN HA)	LATITUDE	LONGITUDE	BANK NAME	IFSC CODE	A/C NO.	DATE OF SOWING	ADHAAR NO.	MOBILE NO
5	MISHILA DEVI		Female	CHIPIBANDHDIH	TAMAR	RANCHI	BC-I	0.4						12.7.22		
6	VINASH MUNDA		Male	CHIPIBANDHDIH	TAMAR	RANCHI	ST	0.4						16.7.22		
7	RATAN MAHTO		Male	CHIPIBANDHDIH	TAMAR	RANCHI	BC-I	0.4						14.7.22		
8	MUNIRAM MAHTO	HARIDAS MAHTO	Male	CHIPIBANDHDIH	TAMAR	RANCHI	BC-I	0.4						1.7.22	643690179508	
9	VEERATI DEVI	DHANIRAM MAHTO	Male	CHIPIBANDHDIH	TAMAR	RANCHI	BC-I	0.4						12.7.22	695049476642	
10	SHABHUNATH MAHTO	TILO MAHTO	Male	CHIPIBANDHDIH	TAMAR	RANCHI	BC-I	0.4						14.7.22	668167013953	
11	SARSWATI DEVI		Female	CHIPIBANDHDIH	TAMAR	RANCHI	BC-I	0.4						15.7.22		
12	RAM PRASAD MUNDA	SUKHRAM MUNDA	Male	LENKIYA	TAMAR	RANCHI	ST	0.4						2.7.22	226809850179	7909035060
13	PUSKAR MUNDA	SUKHRAM UNDA	Male	LENKIYA	TAMAR	RANCHI	ST	0.4						3.7.22	761267803611	7857819949
14	HIRALAL MUNDA	SHIVNATH MUNDA	Male	LENKIYA	TAMAR	RANCHI	ST	0.4						4.7.22	534626596043	7019728616
15	CHANDRA MOHAN MUNDA	VISHWANATH MUNDA	Male	LENKIYA	TAMAR	RANCHI	ST	0.4						15.7.22	940076775156	9113609657
16	SONA RAM MUNDA	MUNDA SINGH MUNDA	Male	LENKIYA	TAMAR	RANCHI	ST	0.4						16.7.22	714899960664	8434952839

CLUSTER FRONT LINE DEMONSTRSTION PROGRAMME (CFLD) - CROP -Pigeon Pea - 2022 - 23																
SL.NO.	NAME OF FARMER	FATHER NAME	GENDER	VILLAGE	BLOCK	DISTRICT	CASTE	LAND HOLDING (IN HA)	LATITUDE	LONGITUDE	BANK NAME	IFSC CODE	A/C NO.	DATE OF SOWING	ADHAAR NO.	MOBILE NO
17	MUNDA SINGH MUNDA	RAMDHAN MUNDA	Male	LENKIYA	TAMAR	RANCHI	ST	0.4						14.7.22	910726834454	9508088485
18	MANGAL SINGH MUNDA	RAM JEEVAN SINGH MUNDA	Male	LENKIYA	TAMAR	RANCHI	ST	0.4						18.7.22	461666741258	
19	VISHAM SINGH MUNDA	JUNGLE SINGH MUNDA	Male	LENKIYA	TAMAR	RANCHI	ST	0.4						6.7.22	342145087180	
20	NAGAR SINGH MUNDA	RAMJEEVAN SINGH MUNDA	Male	LENKIYA	TAMAR	RANCHI	ST	0.4						7.7.22	428118047373	8084883425
21	ANKUR MUNDA	SHAINATH MUNDA	Male	DIMRA	TAMAR	RANCHI	ST	0.4						9.7.22	364681424966	8521310138
22	VIKRAM MUNDA	SHAINATH MUNDA	Male	DIMRA	TAMAR	RANCHI	ST	0.4						.8.7.22	701712247952	
23	SUKHLAL MUNDA	SWARNIPAPAAK MUNDA	Male	DIMRA	TAMAR	RANCHI	ST	0.4						5.7.22	391756047537	
24	JAPUD PURANA	LALMOHAN PURANA	Male	DIMRA	TAMAR	RANCHI	ST	0.4						1.7.22	616753476341	
25	CHHUTU LOHRA	LATE DALGOVIND LOHRA	Male	KUNDLA	TAMAR	RANCHI	ST	0.4						4.7.22	992834939587	7763096967
26	SANIT LOHRA	LATE WASU LOHRA	Male	KUNDLA	TAMAR	RANCHI	ST	0.4						15.7.22	627929113500	
27	SOMRA MUNDA	LATE PHOTE SINGH MUNDA	Male	KUNDLA	TAMAR	RANCHI	ST	0.4						16.7.22	498756724442	
28	GANESH MUNDA	HARI SINGH MUNDA	Male	KUNDLA	TAMAR	RANCHI	ST	0.4						14.7.22	398921396897	

CLUSTER FRONT LINE DEMONSTRSTION PROGRAMME (CFLD) - CROP -Pigeon Pea - 2022 - 23																
SL.NO.	NAME OF FARMER	FATHER NAME	GENDER	VILLAGE	BLOCK	DISTRICT	CASTE	LAND HOLDING (IN HA)	LATITUDE	LONGITUDE	BANK NAME	IFSC CODE	A/C NO.	DATE OF SOWING	ADHAAR NO.	MOBILE NO
29	HIRALAL MUNDA	BUDHAN MUNDA	Male	KUNDLA	TAMAR	RANCHI	ST	0.4						18.7.22	2588922143 41	
30	SARJU SHAHI MUNDA	MOHAR SHAHI	Male	NAVA GADH SOSO	ANGARA	RANCHI	ST	0.4	23.447798	85.5889	BOI	BKID0004941	494110110001800	6.7.22	6392170652 99	
31	PRADEEP SHAHI MUNDA	LATE BABULAL SHAHI MUNDA	Male	NAVA GADH SOSO	ANGARA	RANCHI	ST	0.4	23.44735	85.58876	BOI	BKID0004941	494110110003218	7.7.22	4989834980 91	
32	MRITYUNJAY SHAHI MUNDA	LATE LAKHIPRASAD SHAHI MUNDA	Male	NAVA GADH SOSO	ANGARA	RANCHI	ST	0.4	23.447283	85.58858	BOI	BKID0004941	494110110002177	9.7.22	7772255193 83	8580233113
33	ROHIT SHAHI MUNDA	RAJENDRA SHAHI MUNDA	Male	NAVA GADH SOSO	ANGARA	RANCHI	ST	0.4	23.447747	85.58903	BOI	BKID0004941	494110110013458	1.7.22	7948346077 42	7295904826
34	BASANTI DEVI	ROHIT SHAHI MUNDA	Female	NAVA GADH SOSO	ANGARA	RANCHI	ST	0.4	23.447812	85.58925	BOI	BKID0004941	494110510006974	4.7.22	9688768511 77	9031752618
35	SOMRA BEDIYA	MOTHWA BEDIYA	Male	khaksi toli	ANGARA	RANCHI	ST	0.4	23.2552	85.3621	BOI	BKID0004941	494110110001668	1.7.22	9479401360 68	9508081869
36	SOMLAL BEDIYA	AGHNU BEDIYA	Male	khaksi toli	ANGARA	RANCHI	ST	0.4	23.2622	85.375	BOI	BKID0004941	494110110000067	2.7.22	4759559140 20	8580310367
37	SAVANI DEVI	GRHASTHEE BEDIA	Female	khaksi toli	ANGARA	RANCHI	ST	0.4	23.2652	85.3621	BOI	BKID0004941	494110110001451	3.7.22	8552872186 45	6363375861
38	RAIMANI DEVI	MANOJ BEDIA	Female	khaksi toli	ANGARA	RANCHI	ST	0.4	23.2552	85.3621	BOI	BKID0004941	494110110001536	4.7.22	5539494773 19	6207953385
39	SOHGI DEVI	JATRU BEDIA	Male	khaksi toli	ANGARA	RANCHI	ST	0.4	23.2622	85.375	BOI	BKID0004941	494110510002182	2.7.22	9846606769 20	
40	BIDAMBAR DEVI	RAMSHU BEDIA	Female	khaksi toli	ANGARA	RANCHI	ST	0.4	23.2622	85.375	BOI	BKID0004941	49411011000337	3.7.22	5036020699 06	6201269140

CLUSTER FRONT LINE DEMONSTRSTION PROGRAMME (CFLD) - CROP -Pigeon Pea - 2022 - 23																
SL.NO.	NAME OF FARMER	FATHER NAME	GENDER	VILLAGE	BLOCK	DISTRICT	CASTE	LAND HOLDING (IN HA)	LATITUDE	LONGITUDE	BANK NAME	IFSC CODE	A/C NO.	DATE OF SOWING	ADHAAR NO.	MOBILE NO
41	SHANICHARWA BEDIA	SOHRAIYA BEDIA	Male	khaksi toli	ANGARA	RANCHI	ST	0.4	23.2659	85.3757	BOI	BKID0004941	494110510007964	4.7.22	9343497395 40	
42	MAHADEV BEDIA	TULSI BEDIA	Male	khaksi toli	ANGARA	RANCHI	ST	0.4	23.255	85.3621				6.7.22	9884810959 00	
43	SUMITRA BEDIYA	SOMRA BEDIA	Female	khaksi toli	ANGARA	RANCHI	ST	0.4	23.265	85.362	BOI	BKID0004941	494110110001995	7.7.22	8696140473 02	7489515722
44	JATRU BEDIYA		Male	OBER	ANGARA	RANCHI	ST	0.4						9.7.22	2271037705 44	
45	MUGALKISHOR BEDIYA		Male	OBER	ANGARA	RANCHI	ST	0.4						.8.7.22	3545235427 72	
46	SHIBUA BEDIYA		Male	OBER	ANGARA	RANCHI	ST	0.4						5.7.22	3069094262 66	
47	PHUGUA BEDIYA		Male	OBER	ANGARA	RANCHI	ST	0.4						6.7.22	5860359173 29	
48	GOKUL BEDIYA		Male	OBER	ANGARA	RANCHI	ST	0.4						7.7.22	4164265314 82	
49	PUSKAR MUNDA	SUKHRAM MUNDA	Male	LENKIYA	TAMAR	RANCHI	ST	0.4						9.7.22	7612678036 11	7857819949
50	DEVNARAYAN MUNDA		Male	DIMRA	TAMAR	RANCHI	ST	0.4						.8.7.22	6129344278 27	

CLUSTER FRONT LINE DEMONSTRSTION PROGRAMME (CFLD) - CROP -Sesamem - 2022 - 23																
SL. NO.	NAME OF FARMER	FATHER NAME	GENDER	VILLAGE	BLOCK	DISTRICT	CASTE	LAND HOLDING (IN HA)	LATITUDE	LONGITUDE	BANK NAME	IFSC CODE	A/C NO.	DATE OF SOWING	ADHAAR NO.	MOBILE NO
1	BHADWA BEDIYA		Male	OBER	ANGARA	RANCHI	ST	0.4			BOI	BKID0004941	494110100004929	7.7.22	352821318293	6202522029
2	HARIYA BEDIYA	LATE KARMA BEDIYA	Male	OBER	ANGARA	RANCHI	ST	0.4			BOI	BKID0004941	494110110003859	9.7.22	669873248089	8789572535
3	MINKU BEDIYA	BANDHU BEDIYA	Male	OBER	ANGARA	RANCHI	ST	0.4			BOI	BKID0004941	494110110005079	.8.7.22	311488544424	
4	PHAGUA BEDIYA	SAWAN BEDIA	Male	OBER	ANGARA	RANCHI	ST	0.4			BOI	BKID0004941	494110110000340	5.7.22	586035917329	
5	BALIYA BEDIA	DUSHASANA BEDIA	Male	OBER	ANGARA	RANCHI	ST	0.4			SBI	SBIN0281559	3495764324	1.7.22	398748110561	6203878057
6	PARMESHWAR BEDIYA	HARILAL BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25534	85.42828	SBI	SBINORRVCGB	22010296548	4.7.22	807008934903	7070359460
7	BHAGIRATH BEDIYA	GAURA BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25509	85.41906	BOI	BKID0004941	494110110006082	15.7.22	976638657771	9123143328
8	GANESH BEDIYA	SONARAM BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25526	85.42751	BOI	BKID0004941	494110110002599	16.7.22	972186271353	9523696888
9	TULSI BEDIYA	BHANDUWA BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.2556	85.42684	SBI	SBINORRVCGB	22010285593	14.7.22	929010937433	7667835032
10	HIRDAY BEDIYA	LALJI BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25725	85.42366	CBI	CBIN0281559	3324622741	18.7.22	446861485750	9508534400
11	RUMILA DEVI	CHAITU BEDIYA	Female	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.2576	85.42113	BOI	BKID0004941	494110510006572	6.7.22	389071496381	8797764247
12	JAYSINGH BEDIYA	JAGU BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.2577		IDBI	IBKL063JS67	10052003875	7.7.22	769105748647	9142704016
13	MADHO BEDIYA	BHAJU BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25754	85.42137	SBI	SBINORRVCGB	20010289279	9.7.22	642379928893	9334412094
14	KISTO BEDIYA	BHADRU BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25521	85.41889	BOI	BKID0004941	494110110004252		379746495586	9334066563
15	SALKHAN BEDIYA	NANDO BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25475	85.41895	IDBI	IBKL063JS67	10052003885	4.7.22	598309696603	7859035550
16	ARUN BEDIYA	GOLAK NATH BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25545	85.4187	BOI	BKID0004941	494110110004562	15.7.22	378316823347	7759879421
17	SOMRA BEDIYA	NANDO BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25519	85.42801	SBI	SBIN0016003	35812745556	16.7.22	445380310028	6201436758
18	MADHUSUDHAN BEDIYA	MAHILAL BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25517	85.42812	BOI	BKID0004941	494118200001737	14.7.22	461434685574	7856899518

CLUSTER FRONT LINE DEMONSTRSTION PROGRAMME (CFLD) - CROP -Sesamem - 2022 - 23																
SL. NO.	NAME OF FARMER	FATHER NAME	GENDER	VILLAGE	BLOCK	DISTRICT	CASTE	LAND HOLDING (IN HA)	LATITUDE	LONGITUDE	BANK NAME	IFSC CODE	A/C NO.	DATE OF SOWING	ADHAAR NO.	MOBILE NO
19	LAKHIRAM BEDIYA	NANDKISHOR BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25711	85.42799	BOI	BKID0004941	494110110006035	18.7.22	857100981855	7759871462
20	BIMAL BEDIYA	JAYOLI LAL BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25671	85.42481	BOI	BKID0004941	494118210001790	6.7.22	398225610768	6205683455
21	SUKRA BEDIYA	MAHILAL BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25569	85.42779	BOI	BKID0004941	494110110004602	4.7.22	858484716946	
22	DHANESHWAR BEDIYA	CHAMNA BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.2565	85.42744	BOI	BKID0004941	494118210001705	15.7.22	603221128405	
23	DULARI DEVI	BINDESHWAR BEDIYA	Female	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25649	85.42764	BOI	BKID0004941	494110110006082	16.7.22	954007376882	9260983049
24	KALAWATI DEVI	MANGLACHARAN BEDIYA	Female	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25635	85.42208	BOI	BKID0004941	494118210002379	14.7.22	323785303058	6287215554
25	BAGIRATH BEDIYA		Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4						18.7.22	976638657771	

CLUSTER FRONT LINE DEMONSTRSTION PROGRAMME (CFLD) - CROP -Niger - 2022 - 23																
SL.NO.	NAME OF FARMER	FATHER NAME	GENDER	VILLAGE	BLOCK	DISTRICT	CASTE	LAND HOLDING (IN HA)	LATITUDE	LONGITUDE	BANK NAME	IFSC CODE	A/C NO.	DATE OF SOWING	ADHAAR NO.	MOBILE NO
1	DIPENDRA BEDIYA	DHANESHWAR BEDIYA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4						10.8.22	219642070360	6205922405
2	RITA DEVI	(W/O) NARAYAN BEDIYA	Female	KHAKSITOLI	ANGARA	RANCHI	ST	0.4						11.8.22	567356422448	7250205669
3	JYOTI LAL MUNDA	SAHDEV MUNDA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.2659	85.3751	BOI	BKID0004941	494110110001017	15.8.22	908000808041	6205506364
4	YUGAL KISHOR BEDIYA	LATE BIJLA BEDIYA	Male	OBER	ANGARA	RANCHI	ST	0.4						8.8.22	354523542772	8804736553
5	JITU BEDIYA	CHAMNA BEDIYA	Male	OBER	ANGARA	RANCHI	ST	0.4						10.8.22	275163038458	9341957902

CLUSTER FRONT LINE DEMONSTRSTION PROGRAMME (CFLD) - CROP -Niger - 2022 - 23																
SL.NO.	NAME OF FARMER	FATHER NAME	GENDER	VILLAGE	BLOCK	DISTRICT	CASTE	LAND HOLDING (IN HA)	LATITUDE	LONGITUDE	BANK NAME	IFSC CODE	A/C NO.	DATE OF SOWING	ADHAAR NO.	MOBILE NO
6	JITU BHOGTA	LATE BUDHNATH BHOGTA	Male	BARKIGAURANG	ANGARA	RANCHI	ST	0.4						11.8.22	915062589877	9142761206
7	JAGDISH BHOGTA	PHEKAN BHOGTA	Male	BARKIGAURANG	ANGARA	RANCHI	ST	0.4						14.8.22	713245488110	6202664848
8	SHIVCHARAN PAHAN	LATE KARMA PAHAN	Male	BARKIGAURANG	ANGARA	RANCHI	ST	0.4						12.8.22	340177437392	6207005605
9	GANGARAM MUNDA	BHIKHU MUNDA	Male	BARKIGAURANG	ANGARA	RANCHI	ST	0.4						15.8.22	804063989491	7070344712
10	JALESHWARI DEVI	GANESH MUNDA	Female	BARKIGAURANG	ANGARA	RANCHI	ST	0.4						14.8.22	726728731760	
11	BALESHWAR BHOGTA	TULSI BHOGTA	Male	BARKIGAURANG	ANGARA	RANCHI	ST	0.4						19.8.22	510226027704	
12	RAVNI DEVI	DHANESHWAR PAHAN	Female	BARKIGAURANG	ANGARA	RANCHI	ST	0.4						15.8.22	936369569539	
13	SHIBUWA MUNDA	LATE LATUWA MUNDA	Male	BARKIGAURANG	ANGARA	RANCHI	ST	0.4						15.8.22	970718365326	
14	BHUNESHWAR MUNDA	KARMA PAHAN	Male	BARKIGAURANG	ANGARA	RANCHI	ST	0.4						14.8.22	963072569760	
15	SOMRA MUNDA	LATE SOHRAI MUNDA	Male	BARKIGAURANG	ANGARA	RANCHI	ST	0.4						15.8.22	446142589131	7319830941
16	SAWAN BEDIA	MAHESH BEDIA	Male	OBER	ANGARA	RANCHI	ST	0.4						14.8.22	626647648568	8294266411
17	BIRBAL BEDIA	MAINEJAR BEDIA	Male	OBER	ANGARA	RANCHI	ST	0.4						15.8.22	878962469818	8849069517
18	NAKUL BEDIA	KANTU BEDIA	Male	OBER	ANGARA	RANCHI	ST	0.4						19.8.22	780973711843	7858919322
19	JEETVAHAN BEDIA	PHENKANA BEDIA	Male	OBER	ANGARA	RANCHI	ST	0.4						14.8.22	446136674105	8709437334
20	DHONO BEDIA	KHIURA BEDIA	Male	OBER	ANGARA	RANCHI	ST	0.4						14.8.22	472499538204	7909070210

CLUSTER FRONT LINE DEMONSTRSTION PROGRAMME (CFLD) - CROP -Niger - 2022 - 23																
SL.NO.	NAME OF FARMER	FATHER NAME	GENDER	VILLAGE	BLOCK	DISTRICT	CASTE	LAND HOLDING (IN HA)	LATITUDE	LONGITUDE	BANK NAME	IFSC CODE	A/C NO.	DATE OF SOWING	ADHAAR NO.	MOBILE NO
21	LAKHIA BEDIA	BHARPU BEDIA	Male	OBER	ANGARA	RANCHI	ST	0.4						15.8.22	929396564909	7061342584
22	JAGAESWAR BEDIA	KARMA BEDIA	Male	OBER	ANGARA	RANCHI	ST	0.4						14.8.22	697291733774	8235406136
23	DHARMA BEDIA	BAYASAR BEDIA	Male	OBER	ANGARA	RANCHI	ST	0.4						15.8.22	646145714220	9905966832
24	TULESHWAR BEDIA	BUDHRAM BEDIA	Male	OBER	ANGARA	RANCHI	ST	0.4						13.8.22	771028024496	9608419617
25	ADHANU BEDIA	BAKA BEDIA	Male	OBER	ANGARA	RANCHI	ST	0.4						14.8.22	310904009279	9693802431
26	MUKESH MUNDA	BALESWAR MUNDA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.266	85.375	BOI	BKID0004941	494110110002876	19.8.22	225335113928	7979018601
27	HARI MUNDA	BANDHNA MUNDA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.269	85.385		BKID0004941	494110100006905	15.8.22	445660794237	
28	CHAITA MUNDA	CHARKA MUNDA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.261	85.3778		BKID0004941	494110110001760	15.8.22	972468229621	6383140524
29	SHANICHARANA MUNDA	CHARKA MUNDA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.2611	85.3718		BKID0004941	494110100006903	14.8.22	984696326036	
30	MAHENDRA MUNDA	CHATURU MUNDA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.268	85.3718		BKID0004941	494110110001468	15.8.22	608244330256	
31	SOHREYA MUNDA	LAGRU MUNDA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.2659	85.3749		BKID0004941	494110100006898	14.8.22	659029258796	
32	SUKHDEV MUNDA	KAILA MUNDA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.269	85.3718		BKID0004941	494110110004446	19.8.22	742551228498	
33	KASHINATH BHOGTA	KULIA BHOGTA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.2611	85.3759		BKID0004941	494110510000768	15.8.22	961264620123	
34	SITAL DEVI	JALAYA MUNDA	Female	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.267	85.3659		BKID0004941	494110110006644	15.8.22	267895956229	
35	MOTILAL MUNDA	SAHADEV MUNDA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4				BKID0004941	494110110001650	14.8.22	590648871916	
36	ADHANU MUNDA	PRADAN MUNDA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4				BKID0004941	494110110005840	15.8.22	809516877004	

CLUSTER FRONT LINE DEMONSTRSTION PROGRAMME (CFLD) - CROP -Niger - 2022 - 23																
SL.NO.	NAME OF FARMER	FATHER NAME	GENDER	VILLAGE	BLOCK	DISTRICT	CASTE	LAND HOLDING (IN HA)	LATITUDE	LONGITUDE	BANK NAME	IFSC CODE	A/C NO.	DATE OF SOWING	ADHAAR NO.	MOBILE NO
37	DHANIRAM BHOGTA	PUSHUVA BHOGTA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4				BKID0004941	494110110005140	14.8.22	930160936752	
38	TUDA BEDIA	ROELA BEDIA	Male	OBER	ANGARA	RANCHI	ST	0.4						11.8.22	659963213198	9798771179
39	DHANIRAM BEDIYA	MAHJU BEDIYA	Male	OBER	ANGARA	RANCHI	ST	0.4						15.8.22	472499538204	
40	GOKUL BEDIYA	BASU BEDIYA	Male	OBER	ANGARA	RANCHI	ST	0.4						8.8.22	41642653482	
41	BISTU BEDIYA	BHADRU BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25539	85.4257	SBI	SBINORRVCGB	220102881805	15.8.22	859157525035	7070359350
42	JATRU BEDIYA	THAKURDAYAL BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25504	85.42806	BOI	BKID0004941	494110110005142	14.8.22	750659508169	9905782772
43	JAYNANDAN BEDIYA	BHADRU BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25517	85.42812	BOI	BKID0004941	494110110004196	11.8.22	890074117319	9798582960
44	JAYSVAL BEDIYA	NAGESHWAR BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25696	85.42059	BOI	BKID0004941	494118210003570	15.8.22	946614481541	9155921897
45	SHAMBHU BEDIYA	THAKURDAYAL BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25506	85.4189	BOI	BKID0004941	494110110006952	15.8.22	531676510798	
46	PARMESHWAR BEDIYA	HARILAL BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25752	85.4264	SBI	SBINORRVCGB	220102965488	14.8.22	807008934903	7070359460
47	SURAJ BEDIYA	LALJI BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25708	85.42086	BOI	BKID0004941	494110110016437	11.8.22	848682351485	6202275553
48	BHAGIRATH BEDIYA	GAUSA BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25516	85.4193	BOI	BKID0004941	494110110006082	15.8.22	976638657771	9123143328
49	GANESH BEDIYA	SONARAM BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.2568	85.42502	BOI	BKID0004941	494110110002599	15.8.22	972156271353	9523696888
50	TULSI BEDIYA	BHANDUWA BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25706	85.42105	SBI	SBINORRVCGB	220102855593	14.8.22	929010937433	7667835032

3.4 ACHIEVEMENTS ON TRAINING /CAPACITY BUILDING PROGRAMMES

(Mandated KVK trainings/sponsored training /FLD training programmes):

A. Farmers and farm women including the sponsored training programme (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post-harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post-Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any Lac based IFS	3	0	0	0	0	0	0	57	73	130	57	73	130
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of Bee-colonies and wax sheets	9	1	0	1	0	0	0	149	228	377	150	228	378
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify) Mushroom based IFS	8	7	5	12	0	12	12	127	179	306	134	196	330
TOTAL	**20**	**8**	**5**	**13**	**0**	**12**	**12**	**333**	**480**	**813**	**341**	**497**	**838**

B) Rural Youth Including the sponsored training programmes (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	6	11	46	57	1	0	1	7	61	68	19	107	126
Bee-keeping	6	29	22	51	9	10	19	17	16	33	55	48	103
Integrated farming	4	0	17	17	0	3	3	37	72	109	37	92	129
Seed production	4	2	5	7	0	0	0	37	64	101	39	69	108
Production of organic inputs	5	31	17	48	0	0	0	11	2	13	42	19	61
Planting material production	2	2	0	2	0	0	0	19	8	27	21	8	29
Vermi-culture	4	25	4	29	0	1	1	3	1	4	28	6	34
Sericulture													
Protected cultivation of vegetable crops	1	47	1	48	0	0	0	2	1	3	49	2	51
Commercial fruit production	2	0	3	3	0	0	0	12	18	30	12	21	33
Repair and maintenance of farm machinery and implements	2	3	0	3	0	0	0	13	40	53	13	40	53
Nursery Management of Horticulture crops	2	7	0	7	1	0	1	16	0	16	24	0	24
Training and pruning of orchards	2	15	0	15	1	0	1	17	3	20	33	3	36
Value addition	1	0	0	0	0	0	0	6	21	27	6	21	27
Production of quality animal products	3	3	20	23	0	10	10	33	49	82	36	79	115
Dairying	4	38	4	42	0	1	1	1	2	3	39	7	46
Sheep and goat rearing	1	1	0	1	0	0	0	22	16	38	23	16	39
Quail farming													
Piggery													
Rabbit farming													
Poultry production	4	25	6	31	3	1	4	10	3	13	38	10	48
Ornamental fisheries													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Enterprise development													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing	1	0	0	0	0	0	0	3	27	30	3	27	30
Post-Harvest Technology	1	0	0	0	0	0	0	9	25	34	9	25	34
Tailoring and Stitching													
Rural Crafts													
TOTAL	**55**	**239**	**145**	**384**	**15**	**26**	**41**	**275**	**429**	**704**	**526**	**600**	**1126**

C) Extension Personnel Including the sponsored training programmes (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Value addition													
Integrated Pest Management													
Integrated Nutrient management	2	55	4	59	0	1	1	28	0	28	83	5	88
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
TOTAL	**2**	**55**	**4**	**59**	**0**	**1**	**1**	**28**	**0**	**28**	**83**	**5**	**88**

D) Farmers and farm women Including the sponsored training programmes (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management	8	51	40	91	0	0	0	98	86	184	149	126	275
Fodder production	1	12	10	22	0	0	0	8	6	14	20	16	36
Production of organic inputs													
Others, (cultivation of millet)	9	32	53	85	0	0	0	40	152	192	72	205	277
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	2	29	7	36	0	0	0	27	43	70	56	50	106
Water management													
Enterprise development													
Skill development													
Yield increment	1	0	0	0	0	0	0	18	28	46	18	28	46
Production of low volume and high value crops													
Off-season vegetables	1	0	0	0	0	0	0	6	1	7	6	1	7
Nursery raising	1	0	0	0	0	0	0	15	4	19	15	4	19
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable Pea)	1	9	0	9	0	0	0	17	2	19	26	2	28
Training and pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit	1	8	0	8	0	0	0	0	0	0	8	0	8
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post-harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation	3	8	18	26	0	0	0	63	8	71	71	26	97
Integrated Nutrient Management													
Production and use of organic inputs	6	51	26	77	0	3	3	63	67	130	114	96	210
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management	4	13	7	20	0	0	0	30	36	66	43	43	86
Poultry Management	7	27	50	77	1	4	5	29	46	75	57	100	157
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	2	1	33	34	0	0	0	0	41	41	1	74	75
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Minimization of nutrient loss in processing	1	0	0	0	0	0	0	3	18	21	3	18	21
Gender mainstreaming through SHGs													
Storage loss minimization techniques	1	0	0	0	0	0	0	3	17	20	3	17	20
Enterprise development													
Value addition	1	0	31	31	0	0	0	0	19	19	0	50	50
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building	1	15	0	15	1	0	1	16	2	18	32	2	34
Women and child care	1	0	0	0	0	0	0	27	23	50	27	23	50
Others, if any													
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements	4	14	1	15	0	0	0	30	5	35	44	6	50
Small scale processing and value addition													
Post-Harvest Technology													
Others, if any Waste Management	1	2	5	7	0	0	0	9	7	16	11	12	23
VII. Plant Protection													
Integrated Pest Management	4	27	0	27	1	0	1	51	36	87	79	36	115
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production	4	0	0	0	0	0	0	63	86	149	63	86	149
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	65	299	281	580	3	7	10	616	733	1349	918	1021	1939

E) RURAL YOUTH Including the sponsored training programmes (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	5	1	0	1	0	0	0	21	96	117	22	96	118
Bee-keeping	2	0	0	0	0	0	0	19	26	45	19	26	45
Integrated farming	1	0	0	0	0	0	0	38	14	52	38	14	52
Seed production	2	8	0	8	0	0	0	27	5	32	35	5	40
Production of organic inputs													
Integrated Farming													
Planting material production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying	1	7	0	7	0	0	0	31	5	36	38	5	43
Sheep and goat rearing	3	0	0	0	0	0	0	22	27	49	22	27	49
Quail farming													
Piggery													
Rabbit farming													
Poultry production	2	27	5	32	0	0	0	5	0	5	32	5	37
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post-Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others, if any Lac Production	4	0	0	0	0	0	0	37	79	116	37	79	116
TOTAL	**20**	**43**	**5**	**48**	**0**	**0**	**0**	**200**	**252**	**452**	**243**	**257**	**500**

F) Extension Personnel Including the sponsored training programmes (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	2	63	7	70	0	0	0	4	1	5	67	8	75

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Integrated Pest Management	1	26	5	31	0	0	0	3	1	4	29	6	35
Integrated Nutrient management	1	26	5	31	0	0	0	2	1	3	28	6	34
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements	1	3	8	11	0	0	0	5	15	20	8	23	31
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs	2	58	5	63	4	2	6	15	3	18	77	10	87
Gender mainstreaming through SHGs													
Crop intensification													
TOTAL	**7**	**176**	**30**	**206**	**4**	**2**	**6**	**29**	**21**	**50**	**209**	**53**	**262**

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management	8	51	40	91	0	0	0	98	86	184	149	126	275
Fodder production	1	12	10	22	0	0	0	8	6	14	20	16	36
Production of organic inputs													
Others, (cultivation of millet crops)	9	32	53	85	0	0	0	40	152	192	72	205	277

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
TOTAL	**18**	**95**	**103**	**198**	**0**	**0**	**0**	**146**	**244**	**390**	**241**	**347**	**588**
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	2	29	7	36	0	0	0	27	43	70	56	50	106
Water management													
Enterprise development													
Skill development													
Yield increment	1	0	0	0	0	0	0	18	28	46	18	28	46
Production of low volume and high value crops													
Off-season vegetables	1	0	0	0	0	0	0	6	1	7	6	1	7
Nursery raising	1	0	0	0	0	0	0	15	4	19	15	4	19
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable pea)	1	9	0	9	0	0	0	17	2	19	26	2	28
TOTAL													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit	1	8	0	8	0	0	0	0	0	0	8	0	8
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
TOTAL													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
TOTAL													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													
Production and Management technology													
Processing and value addition													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Others, if any													
TOTAL													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL	**7**	**46**	**7**	**53**	**0**	**0**	**0**	**83**	**78**	**161**	**129**	**85**	**214**
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
TOTAL													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation	3	8	18	26	0	0	0	63	8	71	71	26	97
Integrated Nutrient Management													
Production and use of organic inputs	6	51	26	77	0	3	3	63	67	130	114	96	210
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
TOTAL	**9**	**59**	**44**	**103**	**0**	**3**	**3**	**126**	**75**	**201**	**185**	**122**	**307**
IV. Livestock Production and Management													
Dairy Management	4	13	7	20	0	0	0	30	36	66	43	43	86
Poultry Management	7	27	50	77	1	4	5	29	46	75	57	100	157
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any (Goat farming)													
TOTAL	**11**	**40**	**57**	**97**	**1**	**4**	**5**	**59**	**82**	**141**	**100**	**143**	**243**
V. Home Science/Women empowerment													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Household food security by kitchen gardening and nutrition gardening	2	1	33	34	0	0	0	0	41	41	1	74	75
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing	1	0	0	0	0	0	0	3	18	21	3	18	21
Gender mainstreaming through SHGs													
Storage loss minimization techniques	1	0	0	0	0	0	0	3	17	20	3	17	20
Enterprise development													
Value addition	1	0	31	31	0	0	0	0	19	19	0	50	50
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building	1	15	0	15	1	0	1	16	2	18	32	2	34
Women and child care	1	0	0	0	0	0	0	27	23	50	27	23	50
Others, if any													
TOTAL	**7**	**16**	**64**	**80**	**1**	**0**	**1**	**49**	**120**	**169**	**66**	**184**	**250**
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements	4	14	1	15	0	0	0	30	5	35	44	6	50
Small scale processing and value addition													
Post-Harvest Technology													
Others, if any Waste Management	1	2	5	7	0	0	0	9	7	16	11	12	23
TOTAL	**5**	**16**	**6**	**22**	**0**	**0**	**0**	**39**	**12**	**51**	**55**	**18**	**73**
VII. Plant Protection													
Integrated Pest Management	4	27	0	27	1	0	1	51	36	87	79	36	115
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any Lac Based IFS	3	0	0	0	0	0	0	57	73	130	57	73	130

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
TOTAL	**7**	**27**	**0**	**27**	**1**	**0**	**1**	**108**	**109**	**217**	**136**	**109**	**245**
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
TOTAL													
IX. Production of Inputs at site													
Seed Production	4	0	0	0	0	0	0	63	86	149	63	86	149
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets	9	1	0	1	0	0	0	149	228	377	150	228	378
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
TOTAL	**13**	**1**	**0**	**1**	**0**	**0**	**0**	**212**	**314**	**526**	**213**	**314**	**527**
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
TOTAL													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. specify) Mushroom Based IFS	8	7	5	12	0	12	12	127	179	306	134	196	330
TOTAL	**85**	**307**	**286**	**593**	**3**	**19**	**22**	**949**	**1213**	**2162**	**1259**	**1518**	**2777**

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	11	12	46	58	1	0	1	28	157	185	41	203	244
Bee-keeping	8	29	22	51	9	10	19	36	42	78	74	74	148
Integrated farming	5	0	17	17	0	3	3	75	86	161	75	106	181
Seed production	6	10	5	15	0	0	0	64	69	133	74	74	148
Production of organic inputs	5	31	17	48	0	0	0	11	2	13	42	19	61
Planting material production	2	2	0	2	0	0	0	19	8	27	21	8	29
Vermi-culture	4	25	4	29	0	1	1	3	1	4	28	6	34
Sericulture													
Protected cultivation of vegetable crops	1	47	1	48	0	0	0	2	1	3	49	2	51
Commercial fruit production	2	0	3	3	0	0	0	12	18	30	12	21	33
Repair and maintenance of farm machinery and implements	2	3	0	3	0	0	0	13	40	53	13	40	53
Nursery Management of Horticulture crops	2	7	0	7	1	0	1	16	0	16	24	0	24
Training and pruning of orchards	2	15	0	15	1	0	1	17	3	20	33	3	36
Value addition	1	0	0	0	0	0	0	6	21	27	6	21	27
Production of quality animal products	3	3	20	23	0	10	10	33	49	82	36	79	115
Dairying	5	45	4	49	0	1	1	32	7	39	77	12	89
Sheep and goat rearing	4	1	0	1	0	0	0	44	43	87	45	43	88
Quail farming													
Piggery													
Rabbit farming													
Poultry production	6	52	11	63	3	1	4	15	3	18	70	15	85
Ornamental fisheries													
Para vets													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing	1	0	0	0	0	0	0	3	27	30	3	27	30
Post-Harvest Technology	1	0	0	0	0	0	0	9	25	34	9	25	34
Tailoring and Stitching													
Rural Crafts													
Enterprise development (Lac)	4	0	0	0	0	0	0	37	79	116	37	79	116
Others if any (ICT application in agriculture)													
TOTAL	**75**	**282**	**150**	**432**	**15**	**26**	**41**	**475**	**681**	**1156**	**769**	**857**	**1626**

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	2	63	7	70	0	0	0	4	1	5	67	8	75
Integrated Pest Management	1	26	5	31	0	0	0	3	1	4	29	6	35
Integrated Nutrient management	3	81	9	90	0	1	1	30	1	31	111	11	122
Rejuvenation of old orchards													
Value addition													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm	1	3	8	11	0	0	0	5	15	20	8	23	31

machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs	2	58	5	63	4	2	6	15	3	18	77	10	87
Gender mainstreaming through SHGs													
Crop intensification													
Others if any													
TOTAL	**9**	**231**	**34**	**265**	**4**	**3**	**7**	**57**	**21**	**78**	**292**	**58**	**350**

Please furnish the details of training programmes as Annexure in the proforma given below

Discipline	**Clientele**	**Title of the training programme**	**Duration in days**	**Venue (Off / On Campus)**	**Number of SC/ST**			**Number of participants (others)**			**Over all participants**
					M	**F**	**Total**	**M**	**F**	**Total**	
Plant protection	PF	Lac based IFS	45	On	57	73	130	57	73	130	130
	PF	Mushroom Based IFS	45	On	127	191	318	7	5	12	330
	PF	Production of Bee-colonies and wax sheets	45	On	149	228	377	1	0	1	378
	RY	Mushroom Production	5	On	8	61	69	11	46	57	126
	RY	Bee Keeping	5	On	26	26	52	29	22	51	103
	PF	IPM	1	Off	52	36	88	27	0	27	115
	RY	Mushroom Production	1	Off	21	96	117	1	0	1	118
	RY	Bee Keeping	1	Off	19	26	45	0	0	0	45
	RY	Lac Production	1	Off	37	79	116	0	0	0	116
	EP	IPM	1	Off	3	1	4	26	5	31	35
Agronomy	RY	IFS	5	On	37	29	66	0	0	0	66
	RY	Climate Resilient livelihood activities	3	On	0	33	33	0	7	7	40

	RY	Production of organic inputs	5	On	5	4	9	0	0	0	9
	RY		90	On	1	0	1	21	10	31	32
	RY		3	On	10	2	12	5	3	8	20
	PF	Integrated Crop Management	1	Off	98	86	184	51	40	91	275
	PF	Millet Cultivation	1	Off	40	152	192	32	53	85	277
	PF	Natural farming	1	Off	63	70	133	51	26	77	210
	RY	IFS	1	Off	38	14	52	0	0	0	52
	EP	Productivity enhancement in field crops	1	Off	4	1	5	63	7	70	75
	EP	Production and use of organic inputs	1	Off	19	5	24	58	5	63	87
Plant Breeding	RY	Seed Production	5	On	13	58	71	2	5	7	78
	RY	Mustard Cultivation and Storage	2	On	24	6	30	0	0	0	30
	RY	Climate Resilient livelihood activities	3	On	0	13	13	0	10	10	23
	PF	Yield Increment	1	Off	18	28	46	0	0	0	46
	PF	Grafted Tomato Cultivation in Off season	1	Off	6	1	7	0	0	0	7
	PF	Pea Cultivation and seed production	1	Off	17	2	19	9	0	9	28
	PF	Seed production	1	Off	63	86	149	0	0	0	149
	RY	Seed production	1	Off	27	5	32	8	0	8	40
Horticulture	RY	Planting material production	5	On	15	8	23	0	0	0	23
	RY	Gardener	90	On	19	8	27	2	0	2	29
	RY	Commercial fruit production	5	On	12	18	30	0	3	3	33
	RY	Nursery Management of Horticulture crops	25	On	12	0	12	7	0	7	19
	RY		90	On	5	0	5	0	0	0	5

	RY	Training and pruning of orchards	25	On	13	3	16	15	0	15	31
	RY		90	On	5	0	5	0	0	0	5
	PF	Cultivation of Fruit	1	Off	0	0	0	8	0	8	8
	PF	Nursery raising	1	Off	15	4	19	0	0	0	19
Soil Science	RY	Vermi-culture	90	On	3	2	5	25	4	29	34
	EP	INM	15	On	28	1	29	55	4	59	88
	PF	INM	1	Off	27	43	70	29	7	36	106
	PF	Production and use of organic inputs	1	Off	63	70	133	51	26	77	210
	EP	INM	1	Off	2	1	3	26	5	31	34
Agriculture Engineering	RY	Repair and maintenance of farm machinery and implements	5	On	13	40	53	3	0	3	56
	PF	Soil and Water Conservation	1	Off	63	8	71	8	18	26	97
	PF	Repair and maintenance of farm machinery and implements	1	Off	30	5	35	14	1	15	50
	PF	Waste Management	1	Off	9	7	16	2	5	7	23
	EP	Care and maintenance of farm machinery and implements	1	Off	5	15	20	3	8	11	31
Animal Husbandry	RY	Dairying	90	On	1	3	4	38	4	42	46
	RY	Sheep and goat rearing	5	On	22	16	38	1	0	1	39
	RY	Production of quality animal products	5	On	5	48	53	0	20	20	73
	RY		3	On	28	11	39	3	0	3	42
	RY	Poultry production	90	On	13	4	17	25	6	31	48
	PF	Fodder Production	1	Off	8	6	14	12	10	22	36
	PF	Dairy Management	1	Off	30	36	66	13	7	20	86

	PF	Poultry Management	1	Off	30	50	80	27	50	77	157
	RY	Dairying	1	Off	31	5	36	7	0	7	43
	RY	Sheep and goat rearing	1	Off	22	27	49	0	0	0	49
	RY	Poultry production	1	Off	5	0	5	27	5	32	37
Home Science	RY	Value addition	5	On	6	21	27	0	0	0	27
	RY	Small scale processing	5	On	3	27	30	0	0	0	30
	RY	Post-Harvest Technology	5	On	9	25	34	0	0	0	34
12. Farm implements and machinery	PF	Household food security by kitchen gardening and nutrition gardening	1	Off	0	41	41	1	33	34	75
	PF	Minimization of nutrient loss in processing	1	Off	3	18	21	0	0	0	21
	PF	Storage loss minimization techniques	1	Off	3	17	20	0	0	0	20
	PF	Value Addition	1	Off	0	19	19	0	31	31	50
	PF	Capacity building	1	Off	17	2	19	15	0	15	34
	PF	Women and child care	1	Off	27	23	50	0	0	0	50

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self-employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Dairy	Increasing milk production and entrepreneurship development in district	Dairy	90	11	0	11	Dairy Unit	1 unit (12 cows)	1	1
Horticultural crops	Developing system for efficient use of nutrients,	Gardener	90	18	0	90	Vegetable growing unit	5 units	5	-

	water and reducing impact of pest and disease through the use of innovative diagnostic techniques.									
Natural farming	Awareness on Natural Resource conservation, environmental protection and efficient resource management.	Soil health management	90	2	0	90	Vermicompost	1 unit	1	-
Poultry	Increasing poultry production and entrepreneurship development	Health Management of Chicks	90	15	0	90	Poultry	1 unit	1	-
Beekeeping	Increasing honey production and entrepreneurship development in the rural areas of the district	Beekeeping	45	9	0	45	Honey production unit	1 unit (10 boxes)	1	-
Mushroom	Women Empowerment and entrepreneurship development	Mushroom	45	11	0	45	Oyster mushroom production unit	2 units	2	-

**Training title should specify the major technology /skill transferred*

I) Sponsored Training Programmes

Sl.	Title	Thematic area	Month	Duration (days)	Client PF/RY/EF	No. of courses	No. of Participants										Sponsoring Agency
							Male			Female			Total				
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1	Natural farming	NRM	Feb	5	RY	1	5	0	0	4	0	0	9	0	0	9	Self
2	Gardener	Vegetable Production	Feb-Mar	25	RY	1	7	1	11	0	0	0	7	1	11	19	DHO

3	Livestock management	Management in farm animals	Aug	3	RY	1	3		28	0	0	11	3	0	39	42	Solution
4	Climate Resilient Livelihood Activities	IFS	Sept	3	RY	2	0	0	0	17	3	43	17	3	43	63	DSCO
5	Goat Farming	Goat Rearing	Sept	5	RY	1	1	0	22	0	0	16	1	38	0	39	DSCO
6	Mushroom Cultivation	Mushroom production	May	6	RY	1	0	0	2	8	0	0	8		2	10	Self
7	Livestock management	Management in farm animals	July	5	RY	1	0	0	1	20	10	14	20	10	15	45	WCDC
8	Gardener	Vegetable production	Sept-Oct	25	RY	1	15	0	13	0	0	3	15	0	16	31	DHO
9	INM	Nutrient Management	Dec	15	EF	1	21	0	25	0	1	0	21	1	25	47	DCO
10	Mushroom Cultivation	Mushroom production	Dec	5	RY	1	4	0	1	3	0	0	7	0	1	8	Self
Total						**11**	**56**	**1**	**103**	**52**	**14**	**87**	**108**	**53**	**152**	**313**	

Area of training	No. of Courses	No. of Participants											
		General			SC			ST			Grand Total		
		M	F	Total	M	F	Total	M	F	Total	M	F	Total
Crop production and management													
Increasing production and productivity of crops													
Commercial production of vegetables													
Production and value addition													
Fruit Plants													
Ornamental plants													
Spices crops													
Soil health and fertility management													
Production of Inputs at site													
Methods of protective cultivation													
Other													
Total													
Post harvest technology and value addition													
Processing and value addition													
Other													
Total													
Farm machinery													
Farm machinery, tools and implements													
Other													
Total													
Livestock and fisheries													
Livestock production and management													
Animal Nutrition Management													
Animal Disease Management													
Fisheries Nutrition													
Fisheries Management													
Other													
Total													
Home Science													
Household nutritional security													
Economic empowerment of women													
Drudgery reduction of women													
Other													
Total													
Agricultural Extension													
Capacity Building and Group Dynamics													
Other													
Total													
Grant Total													

J. Information on ASCI Skill Development Training Programme funded by ICAR undertaken during 2023

Total no of training organised	Name of QP/Job role	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	

K. Information on Skill Development Training Programme (other agency if any) if undertaken

Total no of training organised	Name of QP/Job role	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	
2	Gardener	Gardener	200	1	-	24	3	22	-	47	3	50	825000

3.5. A. ACHEVEMENTS OF EXTENSION/OUTREACH ACTIVITIES

(Including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers					Extension Officials					Total				
		M	F	Total	SC (no.)	ST (no.)	M	F	Total	SC (no.)	ST (no.)	M	F	Total	SC (no.)	ST (no.)
Kisan Mela organized	5	837	464	1301	20	1057	12	7	19	0	5	849	471	1320	20	1062
Kisan Mela participated	2	161	62	223	3	111	5	2	7	1	2	166	64	230	4	113
Field Day	14	247	216	263	1	357	0	0	0	0	0	247	216	263	1	357
Kisan Ghosthi	6	382	147	529	43	239	2	0	2	0	2	802	514	1316	48	794
Exhibition organized	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Participation in exhibition	1	162	84	246	7	22	6	2	8	0	0	168	86	254	7	22
Film Show	100	2705	3328	6033	85	5332	0	0	0	0	0	2705	3328	6033	85	5332
Method Demonstrations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Farmers Seminar	3	224	49	273	8	117	0	0	0	0	0	224	49	273	8	117
Workshop	25	793	353	1146	25	692						793	353	1146	25	690
Group discussion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lectures delivered as resource persons	2	73	35	108	0	43	0	0	0	0	0	73	35	108	0	43
Advisory Services	1799 msg	32008	13718	45726	2423	20897	0	0	0	0	0	32008	13718	45726	2423	20897
Scientific visit to farmers field	23	64	38	102	0	88	0	0	0	0	0	64	38	102	0	88
Farmers visit to KVK	64	1078	607	1685	8	893	36	23	59	8	35	1114	630	1744	16	928
Diagnostic visits	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Exposure visits	2	56	6	62	32	30	0	0	0	0	0	56	6	62	32	30
Ex-trainees Sammelan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil health Camp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Animal Health Camp	2	79	32	111	0	68	0	0	0	0	0	79	32	111	0	68
Agri mobile clinic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil test campaigns	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Farm Science Club Conveners meet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Self Help Group Conveners meetings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mahila Mandals Conveners meetings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Special day celebration	10	563	255	818	24	303	5	2	7	0	0	568	257	825	24	303
Sankalp Se Siddhi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Swatchta Hi Sewa	1	2	7	9	0	9	0	0	0	0		2	7	9	0	9
Celebration of important date	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others (Jal Shakti Abhiyan)	4	56	29	85	1	39	0	0	0	0	0	56	29	85	1	39
Viksit Bharat Sankalp Yatra	92	3239	9716	12955	687	6095	193	83	276	15	126	3432	9799	13231	702	6221
Awareness Program	22	500	328	828	7	588	0	0	0	0	0	500	328	828	7	588

B. Other Extension/content mobilization activities

Nature of Extension Activity	**No. of activities**
Newspaper coverage	40
Radio talks	8
TV talks	41
Popular articles published	30
Extension Literature	2
Electronic media	-
Any other	

C. Technology week celebration

Type of activities	No. of activities	Number of participants	Related crop/livestock technology

D. Celebration of important days in KVKs

Celebration of Important Days	No. of activities	Farmers			Extension Officials			Total		
		M	F	Total	M	F	Total	M	F	Total
Republic day (26th Jan.)	1	120	90	210				120	90	210
International Women's Day (8th Mar.)										
Ambedkar Jayanti (14th Apr.)										
World's Veterinary Day (Last week of April)										
World 'Milk Day										
International Yoga Day (21st Jun.)	1	92	70	162	-	-	-	92	70	162
Independence Day (15th Aug.)	1	100	140	240	-	-	-	100	140	240
Parthenium Awareness Week	1	12	9	21	-	-	-	12	9	21
Hindi Diwas (14th Sep.)										
Gandhi Jayanti (2nd Oct.)	1	18	-	-	-	-	-	18	-	18
Mahila Kisan Diwas (15th Oct.)										
World Food Day (16th Oct.)										
Vigilance Awareness Week										
National Unity Day (31st Oct.)										
World Science Day (10th Nov.)										
National Education Day (11th Nov.)										
Fisheries day (21 Nov)										
National Constitution Day (26th Nov.)										
World Soil Day (5th Dec.)	1	40	1	-	-	-	-	40	1	41
Kisan Diwas (23rd Dec.)	1	40	5	45	-	-	-	40	5	45
Krishi Vigyan Kendra Day (21st March)	1	14	16	30	-	-	-	14	16	30
Consumer Day (15th March)	1	71	9	80	-	-	-	71	9	80
World Bee day (20th May)	1	44	19	63	-	-	-	44	19	63
Environment Day (5th June)	1	123	60	183	1	-	-	124	60	184
ICAR Foundation Day (16th July)	1	31	21	52	-	-	-	31	21	52
Jharkhand Foundation Day (15th Nov)	1	72	13	85	-	-	-	72	13	85
Any other day										

E. Interaction/Live telecast programme of Hon'ble PM/Hon'ble or Argil Minister

Sl.	Date of event	Name of Event/Programme	Interaction of Hon'ble PM/AM	Participants			
				Farmers	Staffs	VIP/Others	Total
1	27-02-23	PM Kisan Samman program	PM	96	8	-	104
2	18-03-23	International millet conference	PM	80	8	-	88
3.	30-04-23	Mann Ki bat	PM	73	7	-	80
4.	27-7-23	PM Kisan Samman program	PM	120	7	-	127
5.	29-9-23	Launch of Sankalp saptah under the aspirational block	PM	28	8	-	36
6.	9-12-23	Live telecast on Viksit Bharat Sankalp Yatra	PM	48	4	-	52

3.5 a. Production and supply of Technological products

A. Seed production at seed village

Crop	Variety	Quantity of seed (q)	Value (Rs)	No. of farmers involved in village seed production	Number of farmers to whom seed provided			
					SC	ST	Other	Total
Paddy	CR Dhan -314	117.18	351540	5				
	Rajendra Mansuri	15	45000	1				
	CR Dhan-320	261	783000	25				
Pigeon pea	Pusa -16	89.64	896400	21				
Black gram	Pratap-1	53.85	538500	14				
Total		**536.67**	**2614440**	**66**				

Note: Seed will be provided in Kharif 2024.

B. Seed production at KVK farm

Type of seed produced	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided			
				SC	ST	Other	Total
Cereals Paddy	CR Dhan-320, MTU 1010, Rajendra Mansuri, Bhutku and Sahbhagi	143.47	584880	0	97	68	165
Finger Millet	Birsa Marua- 3, A 404	19.87	99350	7	43	29	79
Wheat	DBW-187	64.80	259200	2	22	16	40
Oil seed Mustard	PM-30 and BBM-1	25.19	176330	0	111	16	127
Linseed	Divya	1.78	8900	0	8	12	20
Pulses- Gram	Birsa Chana -3	9.75	78000	9	14	23	46
Pigeon Pea	Rajeev Lochan	15.30	153000	13	40	36	89
Green Manure	Sesbania	6.14	42980	0	219	9	228
	Sunn hemp	4.2	29400	0	45	15	60
	Tephrosia	3.1	62000	10	34	25	69
Commercial crop							
Vegetable Pea	Pusa Pragati GS-10	16.65	166500	0	31	9	40
EFY	Gajendra	76.28	228840	2	8	13	23
Potato	Kufri Lalit	63.50	158750	4	18	27	49
Fodder							
Spices							
Fruits							
Forest crop							
Ornamental/flower							

Medicinal							
Grand Total		**450.03**	**2048130**	**47**	**690**	**298**	**1035**

C. Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total
Vegetable seedlings							
Cauliflower	Girija, Madhuri etc.	4252	8504	100	452	60	612
Cabbage	Green Champion, Green Master, Summer Queen etc.	3569	7139	54	240	91	385
Tomato	Laxmi 5005, Shobhna	2658	5316	118	269	234	621
Brinjal	VNR 218	3658	7316	50	124	64	238
Chilli	VNR 305, VNR 1616	3215	6430	26	156	34	216
Onion							
Others (Broccoli)	Diana, Titanic	2567	5334	156	200	153	509
Others (Knol Khol)	Hybrid no. 77	1240	2480	84	210	156	450
Commercial seedlings							
Mulberry	-	-	-	-	-	-	-
Sugarcane,	-	-	-	-	-	-	-
Sweet Potato	-	-	-	-	-	-	-
Turmeric	-	-	-	-	-	-	-
Zinger	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-
Fruits seedlings	-	-	-	-	-	-	-
Mango	Dashehari, Langra, Amrapali, Mallika	745	59600	20	50	36	106
Guava	Allahabad Safeda, L - 49	186	11160	18	15	18	51
Litchi	Shahi, China	657	45990	17	60	43	120
Papaya	Ranchi Local, Red Lady	1567	33505	25	73	49	147
Banana	-	-	-	-	-	-	-
Ornamental plants							
Marigold	-	-	-	-	-	-	-
Annual chrysanthemum	-	-	-	-	-	-	-
Tuberose	-	-	-	-	-	-	-
Others (Ornamental Plants)	Dieffenbachia, Coleus, Dracaena, Croton, Spider Plant etc.	1341	93870	153	221	116	490
Others (Flower Seedlings)	Seasonal Flowers	25251	88018	851	1421	675	2947
Medicinal and Aromatic	-	-	-	-	-	-	-

Plantation	-	-	-	-	-	-	-
Tuber Elephant yams	-	-	-	-	-	-	-
Spices	-	-	-	-	-	-	-
Grand Total		50906	374662	1672	3491	1729	6892

D. Forest species

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total

E. Fodder crops saplings

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total

F. Production of Bio-Products

Name of product	Quantity (Kg)	Value (Rs.)	No. of Farmers benefitted			
			SC	ST	Other	Total
Bio-fertilizers						
Bio-food (Spirulina etc)						
Bio-pesticide (Dasparni)	5400 ltr	135000	4	369	237	610
Bio-agents (Trichocard etc)						
Worms (earthworm, silk worms etc)						
Bio-fungicide						
Others, please specify (Mushroom spawn, Culture Mineral Mixture, Coir pith compost, Cow dung, Cow urine	202.8 kg	50700	26	2	50	78
Mushroom	442.5 kg	44250	428	50	459	937
Spawn	1580 kg	197500	173	20	185	378
Vermi -compost	5569 kg	55690	62	16	92	170
Cow Urine (self use)	10300ltr	30900				
Total			**693**	**457**	**1023**	**2173**

G. Production of livestock & fisheries materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted			
				SC	ST	Other	Total
Dairy animals							

Cows							
Buffaloes							
Calves							
Others (Pl. specify)							
Small ruminants							
Sheep							
Goat							
Other, please specify							
Poultry							
Broilers							
Layers							
Duals (broiler and layer)	Divyayan Red	18531	1111860	12	94	87	193
Japanese Quail							
Turkey							
Emu							
Ducks	Vigova Super and Khaki Campbell	56714	3686410	25	190	175	390
Others (Pl. specify)							
Piggery							
Piglet							
Hog							
Others (Pl. specify)							
Rabbitry							
Fisheries							
Indian carp							
Exotic carp							
Mixed carp							
Fish fingerlings							
Spawn							
Others (Pl. specify)							
Grand Total		**75245**	**4798270**	**37**	**284**	**262**	**583**

H. SOIL & WATER TESTING

a. Details of equipment available in Soil and Water Testing Laboratory

Sl. No	Name of the Equipment	Qty.
1.	Double Distillation Unit	2
2.	Flame Photometer	2
3.	Spectro Photometer	2
4.	Digital pH meter	2
5.	AAS	1
6.	KEL PLUS DISTYZ EM (Automatic Nitrogen Detector)	2

b. Details of samples analyzed so far

Total number of soil samples analyzed till now		
Through mini soil testing kit/labs	Through soil testing laboratory	Total
	333	333

c. Detail of Soil, Water and Plant analysis at KVK (2023)

Sl.	Analysis	No. of Samples analyzed	No. of Villages covered	No. of Farmers benefitted	Amount realized (Rs.)
1.	Soil	333	61	108	83250
2.	Water				
3.	Plant				
4.	Fertilizers				
5.	Manures				
6.	Food				
7.	Others (if any)				

d. Details of World Soil Day Celebration

Sl. No.	No. of Activity conducted	Soil Health Cards distributed	No. of farmers benefitted	No. of VIPs Number of	Name (s) of VIP(s) involved if any	Total No. of Participants attended the program
1.	1	0	41	1	District Cooperative Officer	42

I. Activities under Rain Water Harvesting structure and micro irrigation system

S.No	No of training programme conducted	No. of demonstrations	No. of plant material produced	Visit by the farmers (No.)	Visit by the officials (No.)
1.	3	0	0	1685	39

3.5. b. Seed Hub Programme - *"Creation of Seed Hubs for Increasing Indigenous Production of Pulses in India"*

1. Name of Seed Hub Centre: NA

Name of Nodal Officer:	
Address :	
e-mail :	
Phone No. : Mobile :	

2. Quality Seed Production of Pulses

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2023						
Rabi 2023						
Summer/Spring 2023						

3. Financial Progress

Fund received (2016-17, 2017-18, 2019, 2020 and 2021)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2016-17				
2017-18				
2018-19				
2019				
2020				
2021				
2022				
2023				

4. Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	
Nursery	
Animal sector	
Mushroom / other enterprises	
Others	

3.6 PUBLICATIONS, HUMAN RESOUSES DEVELOPMENT & AWARDS & RECOGNITION

A. Details of Research papers published by KVK (with full title, author & journal)

S.No	Item	Details of publication bibliographic form	NASS Rating
1	Research paper	Rajan, N., Debnath, S., Perveen, K., Khan, F., Pandey, B., & Srivastava, A. (2023). Optimizing hybrid vigor: a comprehensive analysis of genetic distance and heterosis in eggplant landraces. Frontiers in Plant Science, 14, 1238870.	12.63
2	Research paper	Singh, V. (2023). Physiochemical evaluation of complementary foods mix formulated from functional ingredients.	5.3
3	Research paper	Singh, V. (2023). Physicochemical analysis and product development from malted and unmalted sorghum millet.	5.3

B. Details of Other Publications

Particulars	Details of publication bibliographic form	No of copies published (if any)	No of copies distributed (if any)
Seminar/conference/ symposia papers	1. Singh P. & Singh V., 2023 "Reducing Drugery of Rural women in farmstead activities to promote aatma nirbhar bharat", 2023, proceeding of National seminar on climate resilient agriculture for sustainable development and doubling farmers income, organized by ANDUAT (24-25 Dec 2023). 2. Singh V. *et. al.,*2023 "Food and Nutritional Security through Climate-Smart and Nutrient Rich Sorghum Millets". 3rd National Conference on Livelihood and Food Security through Agriculture and Applied Sciences, Ranchi.		
Books	1. Singh V. & Singh P., 2023, "Knowledge Bank for end consumers",Rathor Academic Research Publications, ISBN: 978-93-90648-56-6. 2. Tiwari N & Singh V, 2023, "Bhojan poshan avan Mulya samvardhan", AkiNik Publications, ISBN: 978-93-55709-28-8	10	8
Book Chapter	1. Singh *et. al.,*2023, "Different promotional sratagies of products and services in the market environment for influencing consumer", India @75: Presidency of G20 (An economic prespective)		
Popular articles	**Neha Rajan-** 1. Jharkhand ke deshi sag acchi sehat ke sathi (Prabuddha gram magazine, Jan-March Issue 2023, Page 11-13) 2. Deshi Kismo ka sanrakshan: naye kishmo ke vikas ke liye aavashyak (Prabuddha gram magazine, April-June Issue 2023, Page 10-11). 3. Jalvayu parivartan ka krisak par prabhav avn bachav (Prabuddha gram magazine, July-Sep Issue 2023, Page 24-26). 4. Deshi kism ke dhan ko sanrakshit krke royalty kma skte hai kisan (Kisan tak page, 8 june 2023) **Ravindra kumar singh-** 1. Tarbuj ki vaigyanik kheti (Prabuddha gram magazine, Jan-March Issue 2023, Page 15-17) 2. Adarakh ki Deshi Kheti (Prabuddha gram magazine, April-June Issue 2023, Page 11-13). 3. Amrud ki saghan bagvani (Prabuddha gram magazine, July-Sep Issue 2023, Page 19-24).	10,200	10,100

	4. Swasthya poudho se safal sabji utpadan (Prabuddha gram magazine, Oct-Dec Issue 2023, Page 11-13). **Rajesh Kumar-** 1. Mashroom ke keet or nimatod ka prabandhan (Prabuddha gram magazine, Jan-March Issue 2023, Page 28-31) 2. Sthaniya Sansadhano se sthayi krishi me prayog kitnashak bnane ki vidhi avn prayog (Prabuddha gram magazine, April-June Issue 2023, Page 15-16). 3. Makke ki fasal me fall army verm ki samasya avn samadhan (Prabuddha gram magazine, July-Sep Issue 2023, Page 28-30). 4. Jharkhand rajya me madhumakkhi palan ki sambhavnayen (Prabuddha gram magazine, Oct-Dec Issue 2023, Page 14-15). **Dr. Bharat Mahto-** 1. Lampi tvacha rog (Prabuddha gram magazine, Jan-March Issue 2023, Page 32-33). 2. Navjat sukar chouno ki dekhbhal (Prabuddha gram magazine, Jan-March Issue 2023, Page 28-29). 3. Battakh palan Atirikt aay ka ek pramukh sadhan (Prabuddha gram magazine, July-Sep Issue 2023, Page 35-36). 4. Sardiyon me thandh se bachav hetu pashuon ki dekhbhal (Prabuddha gram magazine, Oct-Dec Issue 2023, Page 18-19). **Manoj Kumar Singh-** 1. Prakritik kheti me prayog hone vale vibhinn utpad ki taiyari tatha prayog krne ki vidhi (Prabuddha gram magazine, Jan-March Issue 2023, Page 33-35) 2. Jharkhand me SRI padhati se dhan ki kheti (Prabuddha gram magazine, April-June Issue 2023, Page 17-25) 3. Mung avn urad ki vaigyanik kheti (Prabuddha gram magazine, July-Sep Issue 2023, Page 14-19). 4. Jharkhand me chana ki vaigyanik kheti (Prabuddha gram magazine, Oct-Dec Issue 2023, Page 9-10). **Vishakha Singh-**		

	1. Aahar me calcium ki kshati purti (Prabuddha gram magazine, April-June Issue 2023, Page 31-33). 2. Swasthya vardhak munga saag (Prabuddha gram magazine, July-Sep Issue 2023, Page 33-35). 3. Sardiyon ke liye poustik aahar (Prabuddha gram magazine, Oct-Dec Issue 2023, Page 16-17). 4. Vertical garden ko apnaye va swach hva paye (Marumedh kisanEmagazine, 26/06/2023, page 6-7). 5. Sick building syndrome (Agrigatte magazine, June,2023, page 63-64)		
Success story			
Bulletins			
Agro-advisory bulletins	10 agro advisory		
Extension Folders	Poshak Anaj (Shree anna) Natural farming	4000	3600
Technical reports			
News letter	1. "Millets ka diet yhi hai right" by Vishakha Singh. (Jagat gaon hamar newspaper on 9th may 2023)		
Electronic Publication (CD/DVD etc)			
TOTAL			

C. Details of HRD programmes undergone by KVK personnel

Sl. No.	Name of KVK personnel and designation	Name of course/training program attended	Date and Duration	Organizer/Venue
1.	Vishakha Singh, SMS (Home Science)	Capicity building of agricultural extension professional to promote agro processing	21/02/23 to 23/02/23	ICAR-CIPHET, Ludhiana
2.	Vishakha Singh, SMS (Home Science)	Internal auditor ISO 22000 overview	25/10/23	FICSI (Food Industry capacity and skill initiatives)
3.	Ravindra Singh, SMS (Horticulture)	ATARI Foundation day	19/08/23	ATARI, Patna, Zone-IV
4.	Rajesh Kumar, SMS (Plant Protection)	Oriantation training to master trainer for safe & judicious use of glyphosale by PCO's	18/010/23	National Institute of plant health management, hyderabad

D. Details of attachment training (RAWE/ FET for ARS/Others) through KVK

Type of attachment	No of student trained	No of days stayed
RAWE	13	30 days (1 month)
RAWE	2	75 days (2.5 month)
RAWE	5	90 days (3 month)
ELP	35	180 days (6 Month)

E. Awards/Recognition

Institutional Award received by KVK

Sl. No.	Name of the Award	Conferring Authority	Amount	Purpose
1	Excellent stall exhibition	ICAR-NISA, Ranchi		Excellent stall exhibition in Kisan mela
2	Excellent stall exhibition	Birsha Agricultural University (BAU), Ranchi		Excellent stall exhibition in aggrotech Kisan mela

Award received by KVK Scientists

Sl.	Name of the Award	Name of the Scientist	Value in Amount/	Purpose	Conferring Authority
1	Best Performer award	Dr. Bharat Mahto	-	ARYA Project	ATARI, Patna, Zone -IV
2	Best Performer award	Manoj Kumar Singh	-	CFLD, Oilseed	ATARI, Patna, Zone -IV

Award received by Farmers

Sl.	Name of the Award	Name of the Farmer	Address	Contact No.	Aadhar No.	Amount	Purpose	Conferring Authority
1.	Best Farmer Award	Sri Rajkumar Bediya	Dublabera Angara	8102471481	783999312646	-	Best performer in piggery	BAU, Kanke, Ranchi
2.	Appreciation	Sri Vikas Prasad	Lundri Chanho	7870502112	671377017434	-	IFS	ICAR-ATARI, Patna
3.	Millionaire Farmer of India Award 2023	Sri Nandkishore Sahu	Choreya Chanho	9110946832	421455861158	-	IFS	Mahindra Tractors
4.	Millionaire Farmer of India Award 2023	Sri Shravan Kumar Gupta	Mahilong Ranchi	6207106799		-	Nursery	Mahindra tractors

3.7. TECHNOLOGY DEVLOPMENT

A. Give details of Innovative Methodology/Process/Product or Innovative Technology developed by KVK

Sl. No.	Name/ Title of the technology	Brief details of the Innovative Technology	Impact of the technology	Status of commercialization /Patent
1.	**Low - cost Local Resource based Organic Farming technology for**	Generally, it is observed that organic farming promoted in different projects implemented by different organizations is dependent on outsourcing of organic inputs	The fertilizer consumption in target village is comparatively low. Hence, it was observed that when	Technology sent to ATARI Patna for certification.

	Chotonagpur Plateau area	like vermi-compost, biofertilizers etc. Which ultimately increases the cost of crop production. Ranchi is a district of tribal dominated small and marginal resource poor farmers who are unable to purchase these inputs in every crop season. Further, they have one or two cattle in their houses. So it is very difficult for them to fulfil the requirement of cow dung for production of vermi-compost, a good source for supply of nutrients in organic farming. Due to these factors, KVK, Ranchi developed the present technology "Low Cost Local Resource based Organic Farming" in collaboration with RKMVERI which is based on following techniques, • Utilization of bio mass produced by forest area of the target village. • Promotion of agro-forestry model • Promotion of Green Manuring • Promotion of NADEP composting (require comparatively very less quantity of cow dung). • Assessment of different organic liquid manures like Matra Sanjeevai, Beej Sanjivani, Paudh Sanjeevani, Sashyagavya, Panchgavya, Dashparni, Chena Pani standardized by RKMVERI. • Designing and construction of cow floor for proper	different organic manures and pesticides along with NADEP compost were used in farmers' field it, no significant difference was observed in terms of yield in initial two years. However, since third year significantly higher yield was recorded in different crops under "low cost local resource based organic farming". As per estimates of the year 2022, **12 per cent** (Cole and solanaceous crops except chilli) **to 21.1 per cent (Mustard)** higher yield was achieved in organic farming based on present technology.	

		collection of cow urine. • Besides, Beejamrit, Jeevamrit, Neemastra, Agneyastra, Brahamstra etc. were also assessed at farmers plot. All the above initiatives resulted in significant increase in yield i.e. 12 per cent (Cole and solanaceous crops except chilli) **to 21.1 per cent (Mustard) with about** **14 per cent** reduction in production of cost through saving and efficient utilization of different agricultural resources. **Organic carbon of the target area (Dhurleta village) increased from 0.40 to 0.65.** Low fertilizer use is one characteristic feature of the selected villages namely Dhurleta, Gundalitoli, Simratoli, Piprabera, Budhakoch, Dublabera, Nagrabera. In first phase, initiative for organic cluster development of 50 acre was taken in Dhurleta village with 29 farmers under NABARD sponsored project in the year 2017. In the target area significant forest area is present which has potential to provide plenty of plant biomass required for preparation of different organic manures and pesticides. Further all beneficiary house hold has one or two cattle. So required cow dung and cow urine is readily available. These two conditions are the basic		

		requirement for successful implementation of the present technology. So, the technology "**Low Cost Local Resource based Organic Farming"** was designed to suit the situation of target area. In this, preparation of different organic liquid manures and pesticides like like, shashyagavya, sanjivani, dashparni, Kunapajala etc. Other proven products like Beejamrit & Jeevamrit were also included. **Constructed animal shed floor (150 sq. feet)** in every beneficiary's house for efficient collection of urine, dung and waste fodder to be used as main ingredient for preparation of liquid manure and bio pesticides. 10 **plastic drums (720 litre)** for preparation of organic liquid manure and bio-pesticide were also provided to every farmer which is sufficient for cultivation of crops in about in the 10-acre area.		
2.	**Standardization and Development of nutrient dense Ragi laddoo**	Value-added products derived from millets have gained significant popularity due to its nutritional content and health benefits. Development of nutrient dense Ragi laddoo was done by processing ragi (finger millet) with other ingredients such as sugar, ghee, and nuts (optional) into various combining. Three trails were undertaken to standardize Nutrient dense ragi laddoo. The product was evaluated by the sensory evaluation technique with the selected panel members. The five-point hedonic scale was used for the development of score card for various sensory	Farm women inspiring the villagers by producing and selling ragi laddoo, Thus the adaptation of technology is increasing. As the technology popularise, production and cummercialization of ragi laddoo will increase in near future	Technology sent to ATARI Patna for certification

		characteristic like appearance, taste, color, texture, flavor and overall acceptability. Product with higher score was consider as the most desirable to consume, and its formulation accepted as the standardized formulation for preparation nutrient dense ragi laddoo. Standardized formulation was 0.5:0.5:0.2:0.05:0.7:0.9 for ragi flour: Bengal gram flour: ground nut: dry fruits: sugar: ghee. Standardized formulation was analysed for its biochemical composition. It contained 7.86g protein, 24.83g of fat, 64.92 gm of CHO, 8.15 dietary fibre, 514.54 kcal energy, 77.72 mg of calcium, 5.58mg of iron, 1.22 g ash per 100g of laddu. Due to its good content of nutrients it can be used daily as nutritional supplement in malnutrition and nutritional deficiency of anemia. Which a major health issue cause of mortality and poverty in Jharkhand state.		
3.	**Revitalization technique and integrated seed availability approach for indigenous scented rice Bhutku and Tulsi Mukul to low land areas of Ranchi district for livelihood and nutrition security of tribal farmers.**	No, it is a modified concept. KVK, Ranchi has been working in conservation and promotion of scented rice varieties since 2013 in collaboration with Protection of Plant Varieties and Farmers Right Authority (PPVFRA) and NABARD, Ranchi. During PPVFR (2013-16) campaign, KVK has identified 159 varieties of indigenous rice which have specific characteristics and sent it to PPVFRA, New Delhi for registration in the name of respective farmers. Out of these, 53 farmer's varieties have been registered	During 2022-23 KVK supplied total 228 Qtls pure seed of these varieties on payment basis which is sufficient for cultivation in 570 ha. area clearly tell the story of large area adoption. Through KVK these varieties have spread in 108 villages and more than 2722 farmers are involved in cultivation of these	Technology sent to ATARI Patna for certification

		as on date. Based on qualitative aspects 10 scented rice varieties were selected to evaluate their commercial acceptability. KVK organised multi-location trial for varietal selection of scented rice. Two scented rice varieties namely Bhutku and Tulsimukul were selected on the basis of quantitative as well as qualitative parameters and farmer's acceptability. KVK developed improved package of practices with partner farmers resulting increasing in the yield of these two varieties. KVK initiated seed chain by maintaining pure line for large scale area expansion as well as seed production. Altogether 2722 farmers are cultivating these scented rice varieties as on 2022-23 and earning their livelihood. The benefit of cultivation of indigenous scented rice is evident from farmer's income getting doubled i.e. fetching Rs. 30 per kg for indigenous paddy as compared to Rs.18 per kg for HYVs. In addition, there is support from NABARD, Ranchi in packaging and marketing of scented rice. At present, farmers are selling scented rice at Rs.100/- per kg after milling and packaging.	varieties. It is estimated that these two varieties have covered more than 1200 ha. area in Ranchi, Khunti, Gumla and East Singhbhoomi districst.	

B. Give details of Organic farming practiced/Indigenous Technology/ITK practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

Sl. No.	Enterprise	Brief details of the ITK Practiced	Purpose/Impact of ITK	Impact of the technology
1.	Paddy	• In Ranchi district tribal farmers broadcast **Goda** paddy seed in upland areas by	Use of HYVs over large areas for increasing yield has reduced the crop resistance to a lower	

		direct seeding method after onset of Monsoon. They cultivate **Gora dhan like Lalo Gora, Kalagu Gora, Yamuna Gora, Anjali Goda, BadkaGoda, BaraunGoda, MurgiGoda, GodaKanau, Lal & Safed Goda** etc. These varieties are harvested during the month of September due to early maturity and short duration. All Goda paddy give 15-20 qtl/ha in 60 to 75 days. This type of practice of paddy cultivation provokes farmers for subsequent crop like pulses and oilseed in the same field. • Tribal farmers of Gurgurjari village of Mandar Block keep ***Gundali*** (a type of millet) straw into the inlets of water to the rice field to control insect pest of root zone of paddy. • Farmers broadcast fruits and leaves of **'Asan'** *(Termineliaalata) tree* in paddy fields. Fruits and	level thereby more chemical application as nutrient supplement and pesticides are required. Local indigenous varieties have adjusted over long periods to the ecosystems of their growing regions including environmental and climatic variations, thus ensuring at least sustainable level of output even in bad years. In organic cultivation of paddy this type of ITKs are important for the biological control of insect pest.Making extract of leaves of **'Asan'** *(Termineliaalata)* tree and spray *in* paddy field may be more effective than broadcasting of raw leaves. ASAN tree is abundant in the forest of the district. ITK based on this tree is important for reducing cost of cultivation and reducing pollution too.	

		leaves of *Asan* are bitter, acrid and toxic for insect pests, which help in checking their population.		
2.	Animal Husbandry	• Farmers use Neem leaf paste with feed and molasses for deworming in cattles and goats. • Tobacco leaves and Sindwar leaves are used as maggoticidal medicines. • Cow dung cake and wood ash are used to control ecto-parasites in birds during incubation period. • Farmers use Turmeric powder mixed with feed to enhance immunity in birds and livestocks.	These all ITKs will be tested and validated in order to explore their efficacy and potentiality. These technologies are low-cost, need based, location specific and eco- friendly and readily acceptable by the resource poor livestock farmers.	

Give details of organic farming practiced by the farmer (if Any)

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)
1	Vegetables, cereals, oilseed, pulses and fruit plants	Dhurlata- 20	1500	29	Yes
2	Vegetables, cereals, oilseed, pulses and fruit plants	Budhakocha- 26	1950	44	Yes
3	Vegetables, cereals, oilseed, pulses and fruit plants	Piprabera- 10	750	18	Yes
4	Vegetables, cereals, oilseed, pulses and fruit plants	Gundlitoli- 20	2250	36	Yes
5	Vegetables, cereals, oilseed, pulses and fruit plants	Simratoli- 20	1250	20	Yes

6	Vegetables, cereals, oilseed, pulses and fruit plants	Nagrabera- 20	2700	29	Yes
7	Vegetables, cereals, oilseed, pulses and fruit plants	Dublabera-20	1350	35	Yes

C. Indicate the Specific Training Need Analysis Tools/Methodology followed by KVKs

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed
1	The main objective of the programme is to effect transfer of appropriate technology in easily comprehensible manner to the grass-roots level trainee farmers. To achieve this objective a number of courses, both long term and short term with different course contents, are designed and conducted.	Training is regarded as one of the integral components of development programmes. Conducting need-based and skill oriented training to its clientele is one major activity of the KVK. KVK conducts several need based training programmes on routine basis with various aspects of improved technologies related to agriculture and allied activities. It is extended to different clientele including practicing farmers, farmwomen, rural youth and extension functionaries. The training imparted by Divyayan KVK is essentially need-based and skill oriented with emphasis on 'learning by doing'. The main objective of the programme is to effect transfer of appropriate technology in easily comprehensible manner to the grass-roots level trainee farmers. To achieve this objective a number of courses, both long term and short term with different course contents, are designed and conducted. The trainees selected to derive the benefit from the programme are generally practising farmers and school drop-outs who hail from the small and marginal class of farmers.

4. IMPACT

4.1 Impact of KVK activities till now (Not to be restricted for reporting period).

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Local resource based natural farming	425	95	50000 per annum	95000 per annum
Livelihood secured through black Bengal goat farming	1500	65	40000-50000 per annum	75000-90000 per annum
Enhancement of income through introduction of indigenous scented paddy	1250	75	21950/acre	28687/acre
Introducing of bio-fortified varieties of mustard like PM-30 in rice fallow areas	4500	45	28741	45357
Introduction of groundnut in upland in place of upland paddy- An Approach towards Crop Diversification	2500	70%	28200	65000

Introduction of high yielding varieties of paddy like- Sahbhagi, Swarn Shreya etc	25000	55%	38871	49750
Potato Kufri Pukhraj & Kufri Kanchan	1500	45%	150000	225000
Livelihood secured through value addition in lac	1500	75%	3600/plant	9600/plant
Income Generation by Bee Farming a profitable business under ARYA project	5000	45%	5000/box/yr	14000/box/yr
Backyard poultry and duckery as part of integrated farming	2500	60%	2000/unit (10birds)/year	8000/unit (10birds)/year
Enhance income through adoption of SRI method of paddy cultivation	25000	70 %	38871	78000

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants

4.2. Cases of large-scale adoption (Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread
Livelihood in lac secured through intervention of ARYA project	Rural Ranchi is disadvantage area of the district. The district is also blessed with forest of *Butea monosperma*, commonly called the 'flame of forest'. Agriculture is the major source of income for this rainfed area. Normally *palas* trees were being utilized for fuel wood and other basic requirements of village. Many farmers cut these trees as these are of no economic value. A livelihood ARYA project was envisaged for creating awareness to tap livelihood from available natural resources. The villagers of Angara block, Bamta, Budhagujju, Gamhatikra of silli block Sajamdih, Putadag, Sursu, Mehtungri of Angara block and Chtrudih village of Sonahatu have successfully produce and marketed brood lac and other related product from their *palas* and ber tree within three year of the introduction of ICAR- ARYA, Project. Under this project one processing unit named "Vivekananda Lac processing" established at Banta village of silli block for value addition. Now farmers are able to produce their own brood lac for further propagating this venture, utilizing their own trees, set example for other farmers to follow it and utilize other unexploited trees. The farmers of this village stopped cutting of naturally available *palas and ber plants*, rather preserving these, for better environment and exploiting it rationally for income enhancement without any adverse effect on trees for lac production. All these efforts of the KVK made this enterprise most successful and income fetching about 1500 farmers residing in forest areas.
Economic empowerment of farmers through beekeeping: A way to sweet revolution	The Indian bees have low production of honey. Therefore, Italian bee-keeping enterprise has been proposed in the district after refinement of technology by increasing number of combs from 3 to 5 per frame. After refinement, many farmers of the district successfully adopted bee-keeping as their main source of income generation. As a result, many farmers of the district like Radhakant Giri, Manrakhan Mahto, Kalicharan Mahto etc., are maintaining more than 1000 boxes of honey bees and about 400 to 500 q honey is produced annually by each of them. Inspired and influenced by these successful farmers and realizing the potential of

	bee keeping in Jharkhand many Ex-trainees of KVK as well as different other farmers have taken up this as an enterprise. The number of bee boxes provided and colony distributed by the KVK so far are 5471. Presence of resources for bee keeping and continuous efforts of Krishi Vigyan Kendra by its technical backstopping and hand-holding support to farmers through ARYA, NBB and other projects, bee-keeping work flourished in the area and have been adopted by large no. of farmers (5000 farmers), who are rearing about 7000 colonies and about 575 tons of honey is being produced in the district every year. Some of our best beekeeper farmers are earning more than Rs. 10 to 15 lakhs per year. Now, many farmers have fully adopted it as their main income generation activity in this area. Currently Vivekanand Madhu UtpadakSwawlambiSahakari Samiti Limited, Ranchi has 413 farmers from Ranchi district. FPO has currently 10 lakh of equity shares. The patronage system and dividends are the system of benefit sharing among the member farmers. The FPO, Vivekanand Madhu Utpadak Swawlambi Sahakari Samiti Limited, Ranchi is approximately five-year-old and deals in purchase of raw honey, channelization of apiary related accessories to their members as and when required on affordable prices. Capacity building in the field of apiary business i.e. advanced honeybee rearing technology, marketing of their products etc. FPO is marketing its products as FSSAI licensed and organized marketing brand as "Jharkhand Madhu".
Promotion of local resource based natural farming	To fulfil the demand of modern era and to provide chemical free healthy food to people, various programs for promotion of organic farming were started by the KVK 5 years ago. Keeping in view the slogan of Organic farming **'Feed the soil not to the plant'**; KVK proceeded further for developing organic cluster at **Dhurleta and** adjacent seven villages**.** To achieve the goal, hundreds of farmers were technically backstopped for preparation and application of liquid organic manure, solid organic manure, bio-pesticide and other components of conventional integrated farming. As a result, many farmers are adopting these technologies and **seven villages of Angara block** has almost totally adopted these technologies to become a model for natural farming. KVK demonstration farm has already been converted in to local resource based natural farming farm. Natural farming is focused while implementation of KVK mandated activity like OFT, FLDs and Training programme. 174 NADEP composting structures, 146 Vermi-compost, 146 Azolla tank and 1740 plastic drum for preparation of liquid manure has been constructed and distributed in different villages. After successful implementation in Dhurleta village, the technology was also disseminated to different other villages also namely Piprabera, Budhakocha, Simratoli, Gundalitoli, Nagrabera and five villages of Navagarh panchayat of Ranchi district. Thus, total 500 acres of land was converted and 193 farmers were benefitted. Farmers were trained at KVK campus. The success achieved in Ranchi led to further dissemination of the technology in different parts of the Jharkhand state and with the support of OFAJ, **about 10,500 farmers have been benefitted, so far.**

Introduction of Mustard variety (Pusa Mustard-30)	Previously mustard was taken only as a border crop of potato and other vegetable in Ranchi district. By introducing of improved varieties of mustard like Pusa mustard 30 through CFLD and FLD mustard farming was popularize among farmers and now 10000-hectare area were covered as a sole crop and producing 15-16 q/ha which is a significant achievement not only for income generation but also for nutritional security. Apart from impact of CFLD and FLD programme, seed production of mustard by KVK has also played a vital role in increasing the area and productivity of crops. Besides adding to farmers income, it also encouraged bee keeping in the area. As far as a resource for honey bees, mustard is always a very welcomed sight to beekeepers and can provide significant resources to colonies when soil moisture is adequate
Innovative efforts of KVK for water management through gravity irrigation system (NRM)	Water from the mountain areas is brought down on the plain land of villages by using gravitational force through pipes. Water thus obtained is stored there in big storage tanks and used by the villagers as and when required. Natural sources of flowing water on top of mountains was identified by Divyayan KVK and 7 gravity irrigation systems were developed by tapping the water of the hills and bringning it down through pipes and constructing storage tanks on foot of hills. The system was developed in Obar, Sonuabera, Navadih, Dhurleta, Piska Medni and Dumartoli villages which, has coverted about 2500ha rainfed land in irrigated land. This resulted in change of croping patern and increase in croping intensity and productivity. Many farmers of benifited area started growing vegetables through out the year. Apart from this about 200 number of recharge pit (DOVA) are being constructed by motivating villagers.
Goat Farming (Black Bengal)-best source of income for rural farmers	Livestock production is an important sector in Ranchi district for producing food, income generation, ensuring a balanced development between different sectors of agriculture and for creating new employment opportunities. Goat rearing has been found equally rewarding under both intensive and semi intensive systems of management. Intensification and commercialization of goat enterprise has been found to increase the productivity and bridging the demand supply gap. Based on these experiences Goatery has been selected as the main enterprise to be taken under ICAR ARYA and NABARD LEDP project. The project is being mainly implemented in Angara block of Ranchi. KVK Ranchi started its intervention among women farmers under ARYA and **NABARD** Sponsored pilot project 'Livelihood and enterprise Development program'. Farmers and Farm women were organized and provided 5 to 7 days skill Development training on scientific goatery management. After training they were organized to manage some important aspect of their goat farms on group basis like Vaccination, Deworming and minor treatments, housing management. They are provided basic inputs like medicines thermometer, weighing Scale etc for the same, handed over to Identified group leaders. They were also motivated by scientists of KVK to construct goat sheds with raised platforms. More than 500 goat sheds with raised platforms were constructed under ARYA project. All these interventions had a very positive impact in reducing morbidity and mortality rates and hence increasing their farm. Vaccination is a regular programme in this

	project and about 4000 t0 5000 goats are vaccinated every year. For sustainable Vaccination programme a village wise group of women farmers formed they collected their own fund for this work. Now 2 - 3 identified leaders of the group well trained by KVK and they doing this work. Now, inspired by the benefits achieved by these farmers, more than 1500 women farmers have adopted the technology and many more are in process.
Promotion and commercializatio n of indigenous scented rice	The benefit of cultivation of indigenous scented rice is evident from farmer's income getting doubled i.e. fetching Rs. 25- 30 per kg for indigenous paddy as compared to Rs.15 per kg for HYVs. Now they are getting premium price for their quality product as KVK is acting as buyer and purchasing the entire paddy from the farmers. KVK, Ranchi is selling scented paddy seed after processing from the sale counter. In addition, there is support from NABARD, Ranchi in packaging and marketing of scented rice. At present, farmers are selling scented rice at Rs.70/- per kg after milling and packaging. There are two major benefits to the scented rice growers like 47 % saving in input cost and getting 42 % higher price than other paddy. In 2020 about 1500 farmers cultivated scented rice in more than 300 ha and are earning their livelihood. The benefit of cultivation of indigenous scented rice is evident from farmer's income getting doubled i.e. fetching Rs. 30 per kg for indigenous paddy as compared to Rs.15 per kg for HYVs. Now they are getting premium price for their quality product as KVK is acting as buyer and purchasing the entire paddy from the farmers.
Backyard poultry and duckery as part of integrated farming	➢ Rearing high yielding dual purpose breed like Divyayan Red, Jharshim and Khaki Campbell duck (20 to 30 bird per unit) ➢ Feeding by low cost locally available feed ➢ Scientific management of poultry (proper vaccination and medication) Presently 3000 to 4000 farmers are rearing duckery and bird in district.
Participatory seed production on group basis	Seed is prime input in the agrarian enterprise. There has been a quantum jump in food grain production since independence, which could largely be credited to an extent the use of quality seed of improved varieties/ hybrids along with other factors. Direct contribution of quality seed alone to the total agricultural production is about 20 to 25 percent, which in combination of efficient crop management can go up-to 45 percent. Realizing the importance of seed and to keep pace with evolving policy initiative on seeds by state Govt, KVK Ranchi has formed 25 seed villages for certified seed production. **Apart from this participatory** foundation seed production programme with the help of progressive farmers as well as KVK farm is being implemented every year.

Give information in the same format as in case studies

4.3. Details of impact analysis of KVK activities carried out during the reporting period

Sl. No.	Brief details of technology	Impact of the technology in subjective terms	Impact of the technology in objective terms
1.	Impact study of CFLD Pulses of village Singari, Angara, Ranchi	Before intervention of KVK farmers produced pigeon pea, black gram, pea and horse gram but after intervention of CFLD	Yield is increased by 51.08 % in pulses of the village Singari after intervention of CFLD pulses. Pulse area is increased

		Pulses farmers are producing lentil and green gram too. Area and production of pulse crop has increased after intervention of CFLD pulses in the village. 81.12 % Farmers are keeping seeds with themselves so as to use it in the next cropping season.	by 25 % in pigeon pea, 33 % in black gram, 11 % in pea and 24% in horse gram after intervention. Two pulse crops i.e. lentil and green gram are introduced in the village. Before intervention farmers were not using treated seed but now 47.06 % farmers are using treated seed for sowing.

Photographs during survey of the village Singari, Angara

4.4. Details of entrepreneurship development

Entrepreneurship development :	
Name of the enterprise	Vegetable Supply
Name & complete address of the entrepreneur	Jaikumar Kushwaha Address:Vill: Chapatoli,Block: Burmu,Dist : Ranchi (Jharkhand) Mobile : 66202283706
Role of KVK with quantitative data support:	Jaikumar Kushwaha came in contact with Divyayan kvk,Ranchi and got admission in 45 days motivational training in 1998 in Scientific vegetable cultivation.After that he started vegetable cultivatin in approx 5 acre area .He is also purchasing vegetables from other farmers at Minimum support price and supplying it in Reliance and other Mandis as demanded from these Mandis.He is **also CEO** of a FPO ***Burmu Kisan Producer company*** since 4th april 2022 and facilitating good quality seeds to all FPO Members after procurement from NSC and other reputed company.
Timeline of the entrepreneurship development	Since 1998 to till date
Technical Components of the Enterprise	Scientific vegetable cultivation and purchase of vegetables from other farmers and its supply in market and Mandis.
Status of entrepreneur before and after the enterprise	Net profit before entrepreneur only approx 2 lacs per annum and after entrepreneur ship development approx 10 lacs per annum.
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	As such there is no any problem in terms of raw materials avaibility, labour avaibility, consumer preference and marketing the product.The enterprise is running smoothly and

	more no of farmers are coming in touch and income of the farmers also increasing .
Horizontal spread of enterprise	

Inauguration of FPO by MP

Vegetable Nursery Raising

Selling Maize And Others

4.5. Success stories/Case studies, if any (two- or three-pages write-up on 1-2 best case(s) with suitable action photographs)

Name of farmer	Ranjeet Kumar Mahto
Address & Contact details (Phone, mobile, email Id)	Vill: Tape, Block : Ormanjhi,Dt: Ranchi Mobile:7004364583
Assets (Landholding (in ha.)/Livestock)	22 Ha
Name and description of the farm/ enterprise	Scientific Vegetable Farming
Achievement of the farmers	Sri Ranjeet Kumar Mahto ,S/O Sri Dubraj Mahto , Vill : Tape , Block: Ormanjhi, Dist-Ranchi is a permanent resident of Tape of Ranchi District.In 2012, Sri Ranjeet started vegetable farming in one acre area only and earning merely approx 50 thousand per annum.In the Year 2015, He came in contact with Divyayan kvk Ranchi and got inspiration to do scientific vegetable farming in 5 acre with drip irrigation system.Now his income increased up to 3 lacs per annum.At Present Sri Tape is doing vegetable farming in 22 Ha area. Now he is utilizing improved farm machinery like tractor , Ridger and Battery operated sprayer and doing vegetable farming eith Drip irrigation and plastic mulching.At present his children are studying in very renouned school and living his life with dignity and respect in the society.
KVK intervention (planning & Implementation)	Technical support and regular follow up and interaction with kvk scientists and inputs like seed /fertilizer .
Impact (Economic/ Social/Environmental)	Now so many farmers are motivated to see and started vegetable farming with drip and plastic mulching. At present he is also tilting towards 0rganic methods of vegetable cultivation to improve soil heath and save environment.
Outcome (Horizontal/ Vertical spread)	He is now a resource person to mobilize hundreds of farmers in his surrounding area and also at district level .

Vegetable Cultivation

Vegetable Cultivation

Farmer in the plot

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
Ministry of Tribal Affairs, G.O.I.	Training, Technical backstroking
Jharkhand Tribal Dev. Society	Training, Technical backstopping
Indian Institute of Lac Research	Technical backstopping, exposure visit
Birsa Agricultural University	Technical backstopping, exposure visit
ICAR RC for Eastern Region, Ranchi Centre, Plandu, Ranchi	Technical backstopping ,Training and Demonstration, exposure visit
ATMA, Bihar and Jharkhand	Training, Exposure and resource supply
PCRA, New Delhi	Awareness, Agril. workshop
IFFCO	Training, workshop, demonstration
CRURRS, Hazaribagh	Training & Demonstration
Regional Fodder Station, Kalyani, W.B.	Training & Demonstration
ICAR-DRMR, Bharatpur	Technical backstopping, Demonstration, exposure visit etc.
ICAR-NRRI, Cuttack	Demonstration
ICAR-IIAB, Ranchi	Training & Demonstration and resources supply

5.2. Details of Externally funded project & Programmes during 2023 (Eg. ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies) (information of previous years should not be provided)

a) Programmes for infrastructure development

Name of the programme/ scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)

(b) Programme for other activities (training, FLD, OFT, Mela, Exhibition etc.)

Name of the programme/ scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)

6. PERFORMANCE INDICATORS

6.1. Performance of demonstration units (other than instructional farm)

Sl. No.	Name of demo Unit	Year of estt.	Area (Sq. mt)	Details of production			Amount (Rs.)		Remarks
				Variety/bred	Produce	Qty.	Cost of inputs	Gross income	
1.	Bee Keeping		0.051	Karanj, Litchi, Ankol and mixed	Honey	75.82 Q	1516400	2729520	
2.	Dairy		0.058	Cross breed, Sahiwal and Red Sindhi	Milk	90000 lit.	3240000	5400000	
3.	Poultry cum Duckery	2017-18	0.0440	Divyayan Red, Vigova Super and Khaki Campbell	Chicks and ducklings	7524 5 nos.	2878962	4798270	
4.	Horticulture		0.5586	Vegetable, fruit and flower seedlings	Planting Material	67093 nos.	307074	511790	
5.	Food Processing	2011	0.028		Nutritious Laddu	36860 nos.	211973	529933	
					Pickle	69kg			
					Ragi Flour	169 kg			
					Cereal mix	474 kg			
6.	Mushroom		0.003	Oyester and Button	Spawn-	15.79 Q	96700	241750	

					Mushroom	3.75 Q			
7.	Seed Production	2007-08	1.2		Paddy Seed	96.57 Q	116842	289710	
8.	Vermicompost		0.003		Earth warm	202.8 Kg	42556	106390	
					vermicompost	5569 kg			
	Total		**1.9456**				**8410507**	**14607363**	

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Paddy	29.06.23, 28.07.23 10.08.23	27.11.23, 7.12.23, 21.12.23	2.78	CR Dhan-320, MTU 1010, Rajendra Mansuri, Sahbhagi and Bhutku	Foundation and T/L	143.47	252918	584880	
Finger Millet	19.07.23, 21.07.23, 24.07.23	31.10.23 2.11.23 5.11.23	1.3	BM-3 and A 404	Foundation and certified	19.87	81508	99350	
Wheat	26.11.22	6.04.23	4.2	DBW-187	Certified	64.8	108944	259200	
Mustard	11.11.22, 22.10.22	9.03.23 24.02.23	10.3	PM-30 and BBM-1	Certified	25.19	146279	176330	

Linseed	24.11.22	10.03.23	0.2	Divya	Certified	1.78	4200	8900	
Gram	30.10.22, 3.11.22	18.03.23, 16.03.23	0.56	Birsa Chana 3	Certified	9.75	74210	78000	
Pigeon Pea	2.07.22	3.03.23	1.0	Rajeev Lochan	Certified	15.30	61397	153000	
Sesbania	24.06.23 8.06.23	23.11.23 23.10.23	0.5	-	Truthful	6.14	29249	42980	
Sunn Hemp	13.07.23	31.12.23	0.8	-	Truthful	4.2	27469	29400	
Tephrosia	-	21.12.23	0.4	-	Truthful	3.1	23608	62000	
Vegetable Pea	6.11.22 28.10.22	2.03.23 17.03.23	1	Pusa Pragati and GS-10	Certified and Truthful	16.65	116913	166500	
EFY	9.05.23 25.5.23	5.12.23 31.12.23	0.36	Gajendra	Truthful	76.28	218536	228840	
Potato	29.10.23 8.11.22	14.2.23 28.2.23	0.64	Kufri Lalit	Certified	63.50	152399	158750	
Total			**24.04**			**450.03**	**1297630**	**2048130**	

6.3. Performance of Production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.	Earthwarm	202.8	20280	50700	
2.	Vermi Compost	5569	22276	55690	

6.4. Performance of Instructional Farm (livestock and fisheries production)

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.	Chicken	Divyayan Red	Chicks and H.egg	18531 nos.	667116	1111860	
2.	Duck	Vigova Super and Khaki Campbell	Ducklings	56714 nos.	2211846	3686410	
3.	Cow	Cross breed, Sahiwal and Red Sindhi	Milk	90000 lit	3240000	5400000	
	Total				**6118962**	**10198270**	

6.5. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning

6.6. Utilization of hostel facilities

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
Total:			

(For whole of the year)

6.7 Utilization of staff quarters

- Whether staff quarters have been completed:
- No. of staff quarters:
- Date of completion:
- Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
With KVK	Punjab National Bank	Morabadi, Ranchi	0388010200052
With CFLD on Pulses	Punjab National Bank	Morabadi, Ranchi	0388200100007928
With CFLD on Oilseeds	Punjab National Bank	Morabadi, Ranchi	0388200100007964
With Natural Farming	State Bank of India	Borea, Ranchi	42091613815

7.2. Utilization of funds under CFLD on Oilseed for the period from 01-01-2023 to 31-12-2023

(unaudited)

Item	Released by ICAR			Expenditure			Receivable as on 31-12-2023
	Kharif	Rabi	Summer	Kharif	Rabi	Summer	
Niger	36,429.00			27,026.00			9,403.00
Sesame	31,929.00			25,293.00			6,636.00
Sunflower	37,214.00		15,000.00	37,547.00		13,599.00	1,068.00

Soyabeen	50,310.00			69,670.00			-19,360.00
R & Mustard		61,730.00			82,481.00		-20,751.00
Linseeds		39,768.00			1,23,984.00		-84,216.00
Net Total	**1,55,882.00**	**1,01,498.00**	**15,000.00**	**1,59,536.00**	**2,06,465.00**	**13,599.00**	**-1,07,220.00**
Total Released	2,72,380.00						
Total Expenditure	3,79,600.00						
Receivable as on 31-12-2023	***-1,07,220.00***						

7.3. Utilization of funds under CFLD on Pulses *(Rs. In Lakhs)*

Item	Released by ICAR			Expenditure			Receivable as on 31-12-2023
	Kharif	Rabi	Summer	Kharif	Rabi	Summer	
Green Gram	9,900.00		4,950.00	38,086.00		19,174.00	-42,410.00
Pigeon Pea	9,900.00			3,10,677.00			-3,00,777.00
Black Gram	9,900.00			2,01,179.00			-1,91,279.00
Chick Pea		4,950.00			22,495.00		-17,545.00
Lentil		9,900.00			1,21,206.00		-1,11,306.00
Net Total	**29,700.00**	**14,850.00**	**4,950.00**	**5,49,942.00**	**1,43,701.00**	**19,174.00**	**-6,63,317.00**
Total Released	49,500.00						
Total Expenditure	7,12,817.00						
Receivable as on 31-12-2023	**-6,63,317.00**						

Item	Released by ICAR	Expenditure	Closing Balance 31-12-2023
Technology Agent	6,600.00	51,322.00	-44,722.00

7.4. Utilization of KVK funds during the year 2022 (Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	21,407,697	21,407,697	20,586,591
2	Traveling allowances	134,763	119,784	102,496
3	HRD	25,416	25,416	11,361
4	Contingencies			
A	Stationery,Telephone,Postage and other office expenses POL,Repairs of Vehicle, Tractor & Equipment etc	571206	561781	560300
B	Training of Farmers			
C	Training Materials			
D	Training of Extension Functionaries			
E	Training of Rural Youths			
F	Front line Demonstration other than oilseeds & Pulses.			
G	On-Farm-Testing			
H	Soil & Water testing lab.			
I	Extension activities / Exhibition, Kisan Mela etc.	981201	981201	830642
J	Maint. & Repairs of Building	33550	33550	3550
TOTAL (A)		**23,153,833**	**23,129,429**	**22,094,940**
B. Non-Recurring Contingencies				
1	Works			
2	Vehicle	900000	900000	900000
3	Equipment, Furniture and Furnishing			
4	Tribal Sub- Plan (TSP) Capital	1,100,064	775,066	464,254
5	Library			
TOTAL (B)		**2,000,064**	**1,675,066**	**1,364,254**
GRAND TOTAL (A+B)		**25,153,897**	**24,804,495**	**23,459,194**

7.5. Status of Revolving fund (Rs. in lakh) for last three years

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2021	-			
2022	-			
2023	-	500000	-	

7.6. (i) Number of SHGs formed by KVKs
(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities
(iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activities	Season	With line department	With ATMA	With both
Extension reforms	1			ATMA	
Training	10		DHO, DSCO and DCO		
Exposure visit					Both
Farmers fair	4	Rabi		ATMA	
Workshop	1		DAO		Both

7.8 Revenue generation

Sl.No.	Name of Head	Income (Rs.)	Sponsoring agency
1	Agriculture Workshop	67,200.00	District Horticulture Office, Ranchi
2	Farmers Training Programme on Mushroom Production	265,000.00	Different Trainees
3	25 days Mali Training	140,000.00	Different Institution Students
4	Certificate Course on INM for Fertilizer Dealers	93,750.00	Different Institutions and Farmers Groups.
5	RAWE Training	67,200.00	District Horticulture Office, Ranchi
6	Exposure Visit	265,000.00	Different Trainees
	Total	656550.00	

7.9 Resource Generation

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
1	Livelihood Project		Ministry of Tribal Affairs, Govt. of India, New Delhi	60.00	
2	Value based Multiskill Development Training in Agriculture and allied sectors		Welfare Department, Govt of Jharkhand	58.82	
3	Attracting and Retaining Youth in Agriculture (ARYA) Project		I C A R -A T A R I, Zone -IV, Patna	3.50	
4	Schedule Castes Sub Plan (SCSP) Project		I C A R -A T A R I, Zone -IV, Patna	4.00	
5	TSP Project		I C A R -Indian Institute of Agricultural Biotechnology, Ranchi	33.50	
6	Farmers Training Programme on Mushroom Production		District Horticulture Office, Ranchi	5.00	
7	25 days Mali Training		District Horticulture Office, Ranchi	5.11	
8	15 days certificate course on INM for LAMPS/PACs		District Cooperative Office, Ranchi	11.92	
9	Establishment of Mushroom Spawn Production Unit		District Horticulture Office, Ranchi	15.00	
10	Agriculture Workshop		Petroleum Conservation	1.21	

			Research Association (PCRA), Ranchi		
11	Kisan Mela		ATAM, Ranchi	1.00	
12	Kisan Mela		NABARD, Ranchi	2.80	
13	Kisan Mela		Petroleum Conservation Research Association (PCRA), Ranchi	0.36	
		Total		**202.24**	

8. MISCELLANEOUS INFORMATION

8.1. Prevalent diseases in Crops

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)
Nematode	Water melon	10-04-2023	60	80%	Soil Solarization and use of nematodicide (20 ha)

8.2. Prevalent diseases in Livestock/Fishery

Name of the disease	Species affected	Date of outbreak	Number of death/ Morbidity rate (%)	Number of animals vaccinated	Preventive measures taken in pond (in ha)

8.3. Nehru Yuva Kendra (NYK) Training

Title of the training programme	Period		No. of the participant		Amount of Fund Received (Rs)
	From	To	Male	Female	

8.4. PPV & FR Sensitization training Programme

Date of vaccination programme	Resource Person	No. of participants	Registration (crop wise)	
			Name of crop	No. of registration

8.5. KVK Portal and Mobile App

No. of Events added by KVK	No. of Facilities added by KVK	No. of filled Report on Package of Practices				No. of filled Profile Report							
		Crop	Horticulture	Livestock	Fisheries	Employees	Posts	Finance	Soil Health Cards	Appliances	Crops	Resources	Fish

8.6 Details of KVK Portal

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	*5550*
2.	No. of farmers registered in the portal	*2239*
3.	Mobile Apps developed by KVK	*1*
4.	Name of the App	*Vivek Jaivik Krishi*
5.	Language of the App	*Hindi*
6.	Meant for crop/ livestock/ fishery/ others	*Crop*
7.	No. of times downloaded	*980*

8.7 Kisan Mobile Advisory Services/KMAS (m-Kisan Portal/National Farmers Portal/ SMS Portal)

Sl. No.	Discipline	No. of Advisories	No. of Messages (text+ videos)	Total messages	No. of Farmers
1.	Crop	7	7	7	27524
2.	Livestock				
3.	Weather				
4.	Marketing				
5.	Awareness				
6.	Enterprises				
7.	Others				
8.	Total				

8.5 Kisan Sarathi

Name of KVK	No. of Farmers Registered on Portal
Ranchi	5014

8.6. a. Observation of Swachhta hi Sewa (2nd -31st Oct 2023)

Date/ Duration of Observation	Total No of Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
11	11	8	576	520	1104

b. Observation of Swachta Pakhwada (15 Dec -31st Dec 2023)

Date/ Duration of Observation	Total No of Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
16-12-2023	1	10	111		121

17-12-2023	1	8	58		66
19-12-2023	1	5	17		22
20-12-2023	1	5	15		20
22-12-2023	1	4	11		15
23-12-2023	1	12	33	5	50
24-12-2023	1	8	44		52
25-12-2023	1	4		14	18
26-12-2023	1			43	43
27-12-2023	1	2	23		25
29-12-2023	1	2	44		46

c. Details of quarterly budget expenditure on Swachh activities including SAP

S.No	Activities	No of village covered	Total Expenditure (Rs.in Lakhs)
1.	Vermicomposting	**2**	**3.00**
2.	Other than vermicomposting activities under Swachata		

8.7. **Details of '*Pre-Rabi Campaign*' Programme**

Date of programme	No. of Union Ministers attended the programme	No. of Hon' ble MPs (Loksabha/ Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Door Darshan (Yes/No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman ZilaPanchayat	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total		

8.8 . Vikisit Viksit Bharat Sanklap Yatra (LLB and ULB)

Sl.	No of events attended	No. of Gram Panchayat covered	Total no of farmer participated	No of Lecture Delivered on Soil Health/ Natural Farming
1	87	87	12703	87

8.9. Contingent crop planning

Name of the state	Name of district/KVK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK
Jharkhand	Ranchi	Crop production	2	25	Sowing of nizer in place of upland rice and maize due to late arrival of

					monsoon. Distribution of 60kg nizer var. BN-3 among 25 farmers.
		Crop production	13	223	Sowing of pulses in upland in place of Gora rice due to late onset of monsoon. Distribution of 8 q seed of pigeon pea var. Rajeev lochan, 5.6 q black gram var. PU-31 and 6 q soyabean var. JS 2098 among 223 farmers.

9. Information on Visit of Ministers to KVKs, if any

Date of Visit	Name of Hon'ble Minister	Name of Ministry	Salient points in his/ her observation (2-3 bulleted points)
9.02.23	Sri Badal Patralekh	Agriculture, Jharkhand	KVK Ranchi is doing Excellent work for this district. He proposed to take initiative to make the farmers self reliant.

10. List of other visitors (MP/MLA/DM/VC/Zila Parishad/Other Head of Organization/Foreigners)

Date	Name of the person	Purpose of visit
22.01.23	Sri G.P. Sharma, Joint Secretary Finance, ICAR, New Delhi	KVK visit
9.02.23	Sri Rajesh Kachhap, MLA, Khijri	Farmers Fair
10.02.23	Sri Sudesh Mahto, MLA, Silli	Farmers Fair
10.02.23	Dr. O. N. Singh, VC, BAU, Kanke	Farmers Fair
18.02.23	CGM NABARD, Ranchi	KVK Visit
20.02.23	Sri Piyush Bhatt, Chairman JRG bank, Jharkhand	KVK Visit
25.05.23	Amit Kumar Jha, Secretary, Ministry of tribal welfare	Inspection
24.05.23	Kamaljeet Kapoor, Joint Secretary, Ministry of tribal welfare	Inspection
	Sri Sanjay Seth, MP, Ranchi	Yoga Program
15.05.23	Gopal Ji Tiwari, Add. Secretary agriculture	Annual Day
14.05.23	Smt. Anubha Rawat, Justice High court, Ranchi	Annual Day
9.06.23	Sri Rahul Kumar Sharma, DC, Ranchi	Kharif Workshop
5.06.23	Dr. Abhijit Kar, Director, ICAR-NISA	Environment day program
8.07.23	Dr. U. S. Gautam, DDG Extension, ICAR, New Delhi	Zonal Workshop of KVK
8.07.23	Dr. R.K. Singh, ADG, Extension, ICAR, New Delhi	Zonal Workshop of KVK

8.07.23	Dr. Anjani Kumar, Director, ICAR-ATARI, Patna	Zonal Workshop of KVK
8.07.23	Dr. J. Oraon, DEE, BAU, Kanke Ranchi	Zonal Workshop of KVK
8.07.23	Dr. Anup Kumar Das, Director, ICAR-RCER Patna	Zonal Workshop of KVK
8.07.23	Dr. K.G. Mondal, ICAR-MGIFRI, Motihari	Zonal Workshop of KVK
8.07.23	Dr. Bikas das, Director, ICAR-NRCL, Mujaffarpur	Zonal Workshop of KVK
8.07.23	Dr. R. K. Suhane, DEE, BAU, Sabour, Bihar	Zonal Workshop of KVK
8.07.23	Dr. Keshav, Principal Scientist, ICAR	Zonal Workshop of KVK
8.07.23	Dr. M.S. Kundu, DEE, DRPCAU, Samastipur	Zonal Workshop of KVK
8.07.23	Dr. A.K. Thakur, DEE, BASU, Patna	Zonal Workshop of KVK
8.07.23	Sri Arvind Kumar Singh, Secretary, Gram Nirman Mondal, Nawada	Zonal Workshop of KVK
8.07.23	Sri Sudist, Secretary, Samta Sewa Kendra, Sitamarhi	Zonal Workshop of KVK
8.07.23	Dr. Prabhat Kumar, Principal Scientist, ICAR-CRIDA, Hyderabad	Zonal Workshop of KVK
10.07.23	Dr. Anupma Kumari, Dy. Director, Extension, RPCAU, Patna	KVK Visit
19.08.23	Dr. J.P. Yadav, Joint director, Ministry of Agriculture & FW, GOI, New Delhi	KVK Visit
29.09.23	Sangeeta Sharan, District Welfare Officer, Ranchi	KVK Visit
23.12.23	Sri Vikas Kumar, Director, SAMETI, Jharkhand	SAC Meeting
23.12.23	Dr. A. K. Singh, Head, ICAR-RCER-FSSRCH	SAC Meeting
23.12.23	Dr. Anjani Kumar, Director, ICAR-ATARI, Patna	SAC Meeting
23.12.23	Dr. J. Oraon, DEE, BAU, Kanke Ranchi	SAC Meeting
23.12.23	State Marketing Manager, IFFCO	SAC Meeting
23.12.23	District Horticulture Officer	SAC Meeting
23.12.23	District Soil Conservation Officer	SAC Meeting
23.12.23	District Cooperative officer	SAC Meeting

11. PROJECT-WISE REPORTING (Applicable for KVKs identified under the given project)

11.1. Details of Cereal Systems Initiative for South Asia (CSISA)

- Year: 2023-24
- Introduction / General Information:Land scape Diagonostic pulses survey CSISA-KVK
- Programon Land scape Diagonostic pulses **survey CSISA –KVK** Was organised in 8 Blocks of Ranchi District.(Kanke,Bedo,Lapung, Ormanjhi,Namkum, Angara, Silli, Burmu).
- Survey was completed in 39 villages as there were only four villages in Lapung Block.

Trial Name	Area covered	Variety name	Duration	Method of planting	Sowing	Grain Yield	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	BCR
Kharif										
Rabi										

11.2 Details of Tribal Sub Plan (TSP)

a. Achievements of physical output under TSP

Sl.	**Activities**	**Physical Achievement**	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer	85	1259
b.	Women		1518
c.	Rural Youths	75	1626
d.	Extension Personnel	9	350
2)	OFT	No. of OFTs	No. of beneficiaries
		11	121
3)	FLD	No. of FLDs	No. of beneficiaries
		377	421
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
		1799	45726
5)	Other activities		
a.	Participants in extension activities (No.)	26777	
b.	Production of seed (q)	450.03	
c.	Production of Planting material (No. in lakh)	0.67093	
d.	Production of Livestock strains (No. in lakh)	0.75245	
e.	Production of fingerlings (No. in lakh)	0	
f.	Testing of Soil, water, plant, manures samples (Nos.)	333	
g.	Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)	Battery Operated Sprayer-92 0.5 hp Irrigation pump- 53 Tool Kit- 100	
h.	No. of other programmes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	3	

b. Fund received under TSP in 2023-24 (Rs. In lakh):

c. Achievements of physical outcome under TSP during 2023

Sl. No.	Description	Unit	Achievements
1	Change in family income	%	12
2	Change in family consumption level	%	8
3	Change in availability of agricultural implements/ tools etc.	No. per household	2

d. Location and Beneficiary Details during 2023 under TSP

District	Sub-district	No. of Village covered	Name of village(s) covered	ST population benefitted (No.)		
				M	F	T
Ranchi	Ranchi	73	Tigranayatoli, Agra, Tamar west, Kasambudih, Khaksadih, Puradih, Gutru, Lawagarha, Kharkutoli, Yasku, Kaskoma, Murana, Lundri, Obar, Agartoli, Gundalitoli, Gurgurjari, Khaksitoli, Kuturloba, Tilayi, Kotari, Kodalu, Nawagarh, Hindebilli, Rarha, Medhetungri, Datma, Angara, Jariya, Chhotkigorang, Madayi, Piparadag, Pola, Dhurleta, Simratoli, Sarjamdih, Matkamdih, Mahuatungri, Budhagujju, Nagri, Bansia, Bandhuvadih, Banbarvadih, Jhinki Bisa Nayatoli, Dimra, Sursu, Mungadih, Parastoli, Kamta, Pandepara, Ghaghrara Bhutkutoli, Kuchhu, Bisa Tungritoli, Muramu, Sarnatoli, Kulli, Badki godang, Ramdaga, Halmad, Gutru, Karanjuatoli, Jirki, Musangu, Godadih, Tero, Lamkana, Childri, Sindritopa, Butgoda, Hundrujara	410	472	882

11.3. Details of Scheduled Caste Sub Plan (SCSP)

Sl.	**Activities**	**Physical Achievement**	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer		
b.	Women		
c.	Rural Youths		
d.	Extension Personnel		
2)	OFT	No. of OFTs	No. of beneficiaries

3)	FLD	No. of FLDs	No. of beneficiaries
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
5)	Other activities		
a.	Participants in extension activities (No.)		
b.	Production of seed (q)		
c.	Production of Planting material (No. in lakh)		
d.	Production of Livestock strains (No. in lakh)		
e.	Production of fingerlings (No. in lakh)		
f.	Testing of Soil, water, plant, manures samples (Nos.)		

11.4. NICRA (Technology Demonstration component)

a. Natural Resource Management

Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	

b. Crop Management / Production

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted									Remarks
		SC		ST		Other		Total			
		M	F	M	F	M	F	M	F	T	

c. Livestock and fisheries

Name of intervention undertaken	Number of animals covered	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	

d. Institutional interventions

Name of intervention undertaken	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	

e. Capacity building

Thematic area	No of Courses	No of beneficiaries

		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T

f. Extension activities

Thematic area	No of activities	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T

11.5. Formation and Promotion of FPOs as Cluster Based Business Organization (CBBOs)

S.No		No. of blocks allocated	Name of blocks	No. of FPOs registered	Average no of members per FPO	No. of FPO received Management cost	No. of FPO received Equity Grant	No. of FPOs doing business

Number of commodity-based organizations/ farmers' cooperative society/ FPO formed/ associated with during last one year (Details of the group/society may be indicated)

Sl. No.	Name of the organization/ Society	Trust Deed No.& date	Date of Trust Registration Address	Proposed Activity	Commodity Identified	No. of Members	Financial position (Rupees in lakh)	Success indicator
1	Vivekanand Madhu Utpadak Swawlambi Sahakari Samiti	JKD-01-01-01-03 OTH (DCO/RANCHI) 2016, 30/05/2016	30/05/2016 Aamtand Ratu, Ranchi	Bee-keeping	Honey	413	8 to 10 lakhs per cycle	Bee-keeping farming as well as processing of honey and sell in the name of 'Jharkhand Madhu' enhanced the income of farmers
2.	Golwalkar Agrotech Producer Company Ltd.	U01111JH2019PTC012991, 27th December 2018,	27/05/2019, Hendebilli, Ormanjhi, Ranchi-835219, Jharkhand	Crop and vegetable production	Small and marginal farmers	586	2.93 lakhs	Certified Seed production of paddy and Pulses and supply to govt. of Jharkhand and NSC Ranchi under seed village program.

11.6. Nutri-Sensitive Agricultural Resources and Innovation (NARI)

a. Overall achievement

No. of Nutri smart village developed	Total Area covered	Total No of OFT organized	Total No. of FLD organized	No. of training/capacity development programme	Total No. of farmers/ beneficiaries	No of Extension programmes	Total No. of farmers/ beneficiaries
6	75 dismil	-	2	2	75	6	120

b. Details of OFT/FLD

OFT		

Nutritional Garden	-	-
Bio-fortified Crops	-	-
Value addition (in no. of Unit or no. of Enterprise)	2	40
Other Enterprises (in no. of Unit or no. of Enterprise)		
	Area (ha/ no. of Unit/Enterprise)	**No. of farmers/ beneficiaries**
FLD		
Nutritional Garden	0.3 ha	75
Bio-fortified Crops	82.5 ha	205
Value addition (in no. of Unit or no. of Enterprise)	-	-
Other Enterprises (in no. of Unit or no. of Enterprise)	65	65

c. Details of established Nutrition Garden in Nutri-Smart village

Sl.	Name of Nutri-Smart Village	Type of Nutrition Garden	Number	Area (sqm)	No. of beneficiaries
1.	• Datma • Poradih, Tamar • Kasambudih, Tamar West • Khakhsadih, Tamar • Kurkutta, Tamar	Backyard/Kitchen Garden		1000 sqm 400sqm 400sqm 400sqm 400sqm 400sqm	25 10 10 10 10 10
2.		Community level			
3.		Terrace Garden			
4.		Vertical Garden			
TOTAL					

d. Details of Bio-fortified crops used in Nutri-Smart village

Name of Nutri-Smart Village	Season	Activity (OFT/FLD)	Category of crop (cereal/ pulses/oilseed/ fruits & veg./ others	Name of Crop	Variety	Area (ha)	No. of beneficiaries
1. Khaksitoli 2. Obar 3. Harra beda 4. Dumar toil 5. Badaki godang 6. Ranga mati 7. Soso 8. Manatu 9. Kuturlova 10. Chotaki Godang 11. Tilayi	Rabi	FLD	Oil seed	Mustard	PM-30	8 4 2.5 4 4 6 4 10 10 20 10	20 10 5 10 10 15 10 25 25 50 25

e. Details of Value addition in Nutri-Smart village

Name of Nutri Smart Village	Name of Crop/ veg./ fruits/ other	Name of Value-added product	Activity (OFT/FLD)	No. of farmers/ beneficiaries
Rarha	Tamarind	Tamarind candy	OFT	20

Chotki Gorang	Futakal Leaf	Futakal leaf based instant soup mix	OFT	20

f. Training programmes in Nutri-Smart village

Name of Nutri Smart Village	Area of Training	No of courses	No. of beneficiaries
Datma	Nutrigardening	1	25
Datma	Millet crop production	1	35
Chotaki godang	Value addition	1	21
Chotaki godang	Food preservation	1	37
Tamad	Nutrition gardening	1	50
Tamad	Value addition in Rabi crop	1	50
Tilayi , Lapung	Millet processing	1	37
Tilayi , Lapung	Pigeon pea cultivation	1	39
Rarha, Kanke	Nutrition management in backyard poultry	1	19
Chotaki godang	Care and management of mustard	1	40

g. Extension activities under NARI Project

Name of Nutri-Smart Village	Title of Activity	No. of activities	No. of beneficiaries
Tilayi , Lapung	Field day on mustard	1	50
Kutirlowa, Angara	Field day on mustard	1	54
Tamad	Scientist visit ti farmers field	1	6
Tilai	Awareness on millet cultivation	1	31
Obar	demonstration of manual weeder	1	5
Rarha, Kanke	Awarness program on millet cultivation	1	43
Khaksitoli	Field day on pigeon pee	1	21
Badaki godang	Prakritik kheti sah vriksh bandhan sutra program	1	115
Khaksitoli	Soil sample collection for natural farming	1	6
Datma	Farmer scientist interaction	1	10

h. Details of recipe contest (if applicable)

No of events organised	Name of location/village	No. of participants
1	Gutru (Burmu block)	55
2	Soso (Angara block)	33

11.7Attracting and Retaining Youth in Agriculture (ARYA)

Name of enterprises	**No. of entrepreneurial units established**	**No. of Training programs organized**	**No. of rural youth trained**		**No. of youth established units**		**Total entrepreneurial units formed**	**Total entrepreneurial units Functional**
			Male	**Female**	**Male**	**Female**		
Beekeeping	5	2	33	22	33	6	39	5
Lac	--	--	--	--	31	2	33	30

Goatery	50	2	30	40	30	40	50	50

11.8 Out-scaling of Natural Farming

a. Overall achievements

S.No	Name of Activity	No. of activities	No. of beneficiaries
1.	Awareness programme	69	4668
2.	Training programme	--	--
3.	Demonstrations	1	12

b. Details of Training programmes

S.No	Name of training programme	Date	Location/Venue	No. of beneficiaries

c. Details of Awareness programmes

S.No.	Name of Activity	Date	LocationVenue	No. of beneficiaries
1.	Awareness Programme	31.1.2023	Lamkana	218
2.	Awareness Programme	1.2.2023	Divyayan	26
3.	Awareness Programme	9.2.2023	Getalsud Farm	314
4.	Awareness Programme	10.2.2023	Getalsud Farm	237
5.	Awareness Programme	21.3.2023	Divyayan	52
6.	Awareness Programme	3.4.2023	Obar	25
7.	Awareness Programme	14.4.2023	Obar	6
8.	Awareness Programme	17.8.2023	Badkigorang	2
9.	Awareness Programme	18.4.2023	Soso	9
10.	Awareness Programme	6.5.2023	Lundri	2
11.	Awareness Programme	8.5.2023	Khabhawan	35
12.	Awareness Programme	29.6.2023	Badkigorang	115
13.	Awareness Programme	11.8.2023	Khaksitoli	6
14.	Awareness Programme	12.9.2023	Getalsud	115
15.	Awareness Programme	28.10.2023	Khaksitoli	126
16.	Awareness Programme	21.11.2023	Khaksitoli	10
17.	Awareness Programme	1.12.2023	Newari	20
18.	Awareness Programme	2.12.2023	Radha	43
19.	Awareness Programme	4.12.2023	Sursu	47
20.	Awareness Programme	11.12.2023	Phutakaltoli	132
21.	Awareness Programme	12.12.2023	Hurhuri	63
22.	Awareness Programme	12.12.2023	Kamade	30
23.	Awareness Programme	13.12.2023	Kamade	55

24.	Awareness Programme	13.12.2023	Pandara	77
25.	Awareness Programme	14.12.2023	Puriyo	58
26.	Awareness Programme	15.12.2023	Ratu Est	62
27.	Awareness Programme	15.02.2023	Ratu	51
28.	Awareness Programme	19.12.2023	Tarup	45
29.	Awareness Programme	29.11.2023	Hesatu Panchayat	42
30.	Awareness Programme	29.11.2023	Jonjha Panchayat	17
31.	Awareness Programme	1.12.2023	Pithoriya	33
32.	Awareness Programme	1.12.2023	Sadama	18
33.	Awareness Programme	5.12.2023	Ulatu Kanke	48
34.	Awareness Programme	5.12.2023	Satkandu	21
35.	Awareness Programme	8.12.2023	Kharkutoli	30
36.	Awareness Programme	12.12.2023	Kesapuriyo, Bero	140
37.	Awareness Programme	12.12.2023	Khukhara Bero	44
38.	Awareness Programme	16.12.2023	Edalhatu	104
39.	Awareness Programme	19.12.2023	Mahogav, Lapung	41
40.	Awareness Programme	19.12.2023	Mahogav, Lapung	40
41.	Awareness Programme	22.12.2023	Chaingara, Burmu	43
42.	Awareness Programme	22.12.2023	Bode, Burmu	40
43.	Awareness Programme	28.12.2023	Lupung, Silli	52
44.	Awareness Programme	28.12.2023	Muri East	150
45.	Awareness Programme	9.11.2023	Rajadera	47
46	Awareness Programme	29.11.2023	Kuchu	19
47.	Awareness Programme	29.11.2023	Kanu Malsari	22
48.	Awareness Programme	29.11.2023	Manatu Kanke	15
49.	Awareness Programme	30.11.2023	Kute Orama	31
50.	Awareness Programme	30.11.2023	Ormanjhi	26
51.	Awareness Programme	30.11.2023	Mesra East	17
52.	Awareness Programme	30.11.2023	Mesra West	15
53.	Awareness Programme	30.11.2023	Lupung Angara	19
54.	Awareness Programme	30.11.2023	Kuchu Angara	59
55.	Awareness Programme	29.12.2023	Baridih	43
56.	Awareness Programme	4.12.2023	Sukarhuttu North	28
57.	Awareness Programme	4.12.2023	Sukurhuttu South	26
58.	Awareness Programme	8.12.2023	Bahajari	16
59.	Awareness Programme	13.12.2023	Magapurt Ray	150
60.	Awareness Programme	20.12.2023	Basaruli	385
61.	Awareness Programme	20.12.2023	Berachangru	520
62.	Awareness Programme	29.12.2023	Mandro	46
63.	Awareness Programme	4.12.2023	Sirka	31
64.	Awareness Programme	18.12.2023	Simalia, Ratu	57
65.	Awareness Programme	18.12.2023	Sandil, Ratu	84

66.	Awareness Programme	27.12.2023	Hesalpiri, Burmu	42
67.	Awareness Programme	27.12.2023	Khukara	58
68.	Awareness Programme	13.12.2023	Kesha Bero	25
69.	Awareness Programme	21.12.2023	Badaganri	43
			Total	**4668**

e. Details of Demonstrations

S. No.	Name of Crop	Locationof Demo.	Area of Demo (Acre)
1.	Potato (Kufari Kanchan)	Khaksitoli	0.16
2.	Veg Pea (Pusa Pragati)	Khaksitoli	0.31
3.	Mustard (B BM-1)	Khaksitoli	1.50
4.	Chick Pea (Birsa Chana – 1)	Khaksitoli	0.25
5.	Wheat (DBW 187)	Khaksitoli	0.36
6.	Radish (Japanis White)	Khaksitoli	0.13
7.	Carrot (N Kuroda)	Khaksitoli	0.26
8.	Spinach (Pusa Jyoti)	Khaksitoli	0.26
9.	Lentil (IPL – 81)	Khaksitoli	0.35
		Total	**3.64**



Awareness Programme on Natural Farming

11.9 District Agro Meteorological Unit (DAMU)

S. No	No. of Block agromet advisories send	No. of advisory bulletin published	No. of Farmers Awareness programmes organized	No. of farmers feedback received	No. of farmers received agromet advisory bulletin	No. of publication

11.10 KSHAMTA

Number of Adopted Villages	No. of Activities		No. of farmers benefited	
	Demo	Training	Demo	Training

11.11 Agri-Drone

S.No	Name on the project implementation center (PIC)	No. of kisan drones sanctioned	No. of kisan drones purchased by the PIC	Procurement of no of drones in process	Area covered under the kisan drone demonstration (ha)	No. of demonstration conducted	No. of Pilot training proposed	No. of Pilot training conducted

11.12 Integrated Farming System (IFS)

a. Details of KVK Demo. Unit

Sl. No.	Module details (Component-wise)	Area under IFS (ha)	Production (Commodity-wise)	Cost of production in Rs. (Component-wise)	Value realized in Rs. (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year
1	Bee Keeping	0.051	Honey- 75.82Q	1516400	2729520	1140	10
2	Dairy	0.058	Milk- 90000 lit.	3240000	5400000		12
3	Poultry cum Duckery	0.0440	Chicks and ducklings-75245	2878962	4798270		10

4	Horticulture	0.5586	Planting Material-67093	307074	511790		8
5	Food Processing	0.028	Nutritious Laddu-36860 nos. Pickle- 69kg Ragi Flour- 169 kg Cereal mix- 474 kg	211973	529933		7
6	Mushroom	0.003	Spawn-15.79 Q Mushroom- 3.75 Q	96700	241750		8
7	Seed Production	1.2	Paddy Seed- 96.57 Q	116842	289710		10
8	Vermicompost		Earth warm- 202.8 Kg vermicompost- 5569 kg	42556	106390		6

b. Activities under IFS

Sl. No.	Component Name	No. of KVKs under the Component	No. of Components established	Area (ha)	No. of Activities		No. of farmers benefited	
					Demo	Training	Demo	Training
1.	Bee Keeping			0.051	0	17	0	526
2.	Dairy			0.058	50	13	50	326
3.	Poultry cum Duckery			0.0440	100	13	100	242
4.	Horticulture			0.5586	60	23	90	632
5.	Food Processing			0.028	0	10	0	341
6.	Mushroom			0.003	59	19	59	574
7.	Crop & Seed Production			25.0	220	41	294	1156

11.13 Report on Digital Farming Initiatives in Agriculture/ Digital Ag. Extension Service

Phase	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I					
II					
Total					

11.14 Any other programme organized by KVK, not covered above

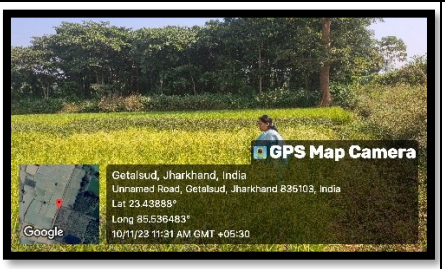
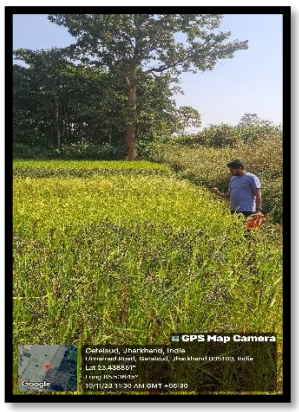
Project Name: Characterization of Two Potential Indigenous Scented Rice Varieties Bhutku and Tulsi Mukul: Well Suited for Geographical Indication in Jharkhand, India under Farm Innovation Project

S. No.	Activities	Date	Venue/Location	Purpose	Status
1.	On station trial	Date of sowing- 23.07.23 Date of Harvesting -13.12.23	KVK instructional Farm, Getalsud Angara	Morphological characterization of Bhutku and Tulsi Mukul rice.	• Data recording of 32 qualitative characters and 12 quantitative characters is complete • Data Compilation and analysis is under process • Analysis of quality parameters is under process.
2.	Multilocation trial		1. Paika, Angara 2. Gutru, Bero 3. Pola, Lapung 4. Lowahatu, Rahe 5. Kucchu, Ormanjhi 6. Darisai, KVK 7. Chakulia 8. Bisunpur, KVK 9. Kullu, KVK Chatra 10. Chakeshwari Farm,	Assessment of linkage and relationship between GI and Bhutku & Tulsi Mukul	• Data recording and visit of multilocation trial is compete. • Compilation and data analysis is under process • Analysis of quality parameters is under process.

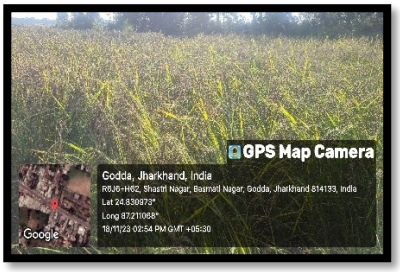
			KVK Godda		

Photographs of the activities under Farm Innovation project

A. On station Trial

		
Nursery of Bhutku & Tulsi Mukul	**Transplanting of rice seedlings**	**Bhutku at milking stage**
		
Data recording	**Harvesting of Bhutku and Tulsi Mukul scented rice**	
	 	
Data recording	**Field view of Bhutku & Tulsi Mukul**	**Sampling of plant for data recording**

B. Multi Location trial

		
Bhutku and Tulsi Mukul trial at KVK Godda		


Field visit and data recording of Bhutku and Tulsi Mukul at KVK, Godda


Field visit and data recording of Bhutku and Tulsi Mukul at KVK, East Singhbhum

Field visit and data recording of Bhutku and Tulsi Mukul at KVK, Gumla

Field visit and data recording of Bhutku and Tulsi Mukul at Pola Lapung, Ranchi


Field visit and data recording of Bhutku and Tulsi Mukul at Gutru Burmu, Ranchi

12 <u>Good quality action photographs with caption in JPEG FORMAT SEPARATELY of overall achievements of KVK during the year (best 10)</u>

SAC meeting organized by KVK Ranchi on 23.12.23

Five days training program on organic seed production and storage

Millet Based Recipe Contest

On Farm trial on poultry bird management

Implements Distribution under ICAR-DRMR program

Field day on Paddy Var. CR Dhan 314

CFLD Pulses Demonstration Plot

Demonstration of line marker in KVK paddy Field

Best Performer Award For ARYA project

Bee Boxes distribution under ARYS project

लोग उपस्थित थे। दुकान में रखे सामान इधर उधर बिखरे चोरी को खोजबीन कर रहा है। उरांव आदि मौजूद थे।

बेड़ो : तुतलो पंचायत में हुआ हमारा संकल्प विकसित भारत कार्यक्रम का हुआ समापन

कृषि क्षेत्र में देश की आत्मनिर्भरता विकसित भारत की ओर बढ़ता कदम - डॉ भरत महतो

दबंग हिन्द,संवाददाता

बेड़ो। विगत 10 दिनों से बेड़ो प्रखंड में जारी केंद्र सरकार द्वारा चलाए जा रहे महत्वपूर्ण अभियान हमारा संकल्प विकसित भारत कार्यक्रम का बृहस्पतिवार को तुतलो पंचायत में समापन हुआ। कार्यक्रम के दौरान केंद्र सरकार द्वारा चलाई जाने वाली जनकल्याण और आम लोगों से जुड़ी हुई विभिन्न कल्याणकारी योजनाओं के संबंध में विस्तृत जानकारी दी गई। तुतलो पंचायत और टेरो पंचायत में कार्यक्रम का आयोजन कर केंद्र सरकार द्वारा संचालित विभिन्न योजनाओं के संबंध ग्रामीणों को विस्तार पूर्वक बताया गया। मौके पर कृषि विज्ञान केंद्र के वैज्ञानिक डॉ भरत महतो ने अपने विचार व्यक्त करते हुए कहा कि कृषि के क्षेत्र में देश की आत्मनिर्भरता विकसित भारत की ओर बढ़ाने वाला एक

महत्वपूर्ण कदम है। दुग्ध उत्पादन में भी भारत विश्व में प्रथम स्थान पर है यहां प्रतिवर्ष 140 मिलियन टन का प्रोडक्शन होता है। अंडा और बॉयलर के उत्पादन में भारत विश्व के ग्रीन देश में से एक है। उन्होंने कहा कि पशुपालन आजीविका का एक बेहतरीन साधन है अगर हम कृषि के साथ-साथ पशुपालन का भी कार्य करते हैं तो यह हमारे आय की वृद्धि का एक महत्वपूर्ण साधन होगा। ईश्वर सर पर प्रखंड कार्यक्रम पदाधिकारी संजय तिर्की ने हमारा संकल्प विकसित भारत कार्यक्रम से संबंधित लोगों को कई महत्वपूर्ण जानकारियां दी। प्रोग्राम के दौरान एलसीडी टीवी के माध्यम से प्रधानमंत्री का रहमारा संकल्प विकसित भारतर कार्यक्रम से संबंधित विडीयो दिखाया गया। वीडियो के माध्यम से लोगों को कार्यक्रम से संबंधित महत्वपूर्ण जानकारियां दी गई। मौके पर उपस्थित ग्रामीणों में से जो केंद्र सरकार द्वारा संचालित विभिन्न योजनाओं का लाभ प्राप्त कर चुके हैं उन्होंने भी अपने व्यक्तिगत विचार से लोगों को अवगत कराया। साथ ही इस कार्यक्रम को आकर्षक बनाने के लिए उपस्थित ग्रामीणों के बीच क्विज प्रतियोगिता सहित कई अन्य महत्वपूर्ण कार्यक्रम का भी आयोजन किया गया। और बेहतर प्रदर्शन करने वालों को पुरस्कृत भी किया गया। इससे पूर्व अतिथियों द्वारा दीप प्रज्वलित किया कार्यक्रम का शुभारंभ किया गया। मौके पर पुरुषोत्तम भाई पटेल, कन्या अभियंता अभय कोया, पंचायत के मुखिया गंगी कूमारी, पंचु उरांव, समाजसेवी कुलदीप उरांव, सनीका नाग, वार्ड सदस्य मोहम्मद सज्जाद, परवेज आलम, फुलो कच्छप, मंजूला कुमारी, मंजीत तिर्की, दीपक कुमार गोप, कंप्यूटर ऑपरेटर राजकुमार साहू, के अतिरिक्त जनप्रतिनिधि और ग्रामीण बड़ी संख्या में उपस्थित थे।

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खबर **एक नजर में**

बुढ़मू के गुतरु ग्राम में व्यंजनों को बनाने एवं प्रदर्शित करने की प्रतियोगिता आयोजित

रांची। कृषि विज्ञान केंद्र, रांची ने बुढ़मू प्रखंड के गुतरु ग्राम में बुधवार को पोषक अनाज आधारित विभिन्न व्यंजनों को बनाने एवं प्रदर्शित करने की प्रतियोगिता का आयोजन किया। इस प्रतियोगिता में कुल 47 महिला किसानों ने भाग लिया। उन्होंने मडुआ से बने कुल 53 व्यंजनों का प्रदर्शन किया। कार्यक्रम में सत्यनारायण मुंडा, प्रखंड प्रमुख, बुढ़मू मुख्य अतिथि एवं उप प्रमुख, बुढ़मू विशिष्ट अतिथि के रूप में उपस्थित थे। कार्यक्रम में अजीत कुमार सिंह, वरीय वैज्ञानिक, कृषि विज्ञान केंद्र, रांची ने पोषक अनाज के प्रसार के लिए केवीके अंतर्गत किये जा रहे विभिन्न कार्यों पर प्रकाश डाला। डॉ विशाखा सिंह, वैज्ञानिक, गृह वैज्ञानिक, केवीके, रांची ने कार्यक्रम के उद्देश्य एवं पोषक अनाज के महत्व के बारे में बताया गया। मुख्य अतिथि ने झारखंड में मडुआ की खेती एवं महत्व के बारे में चर्चा करते हुए बताया कि पोषक अनाज के सेवन के कारण ही ग्रामीण लोगों में रोगों से लड़ने की क्षमता का अच्छा विकास हुआ एवं कोरोना काल में भी ग्रामीण लोगों में अधिक समस्या देखने को नहीं मिली। कार्यक्रम में अतिथि के रूप में उपस्थित राज्य विपणन प्रबंधक, इफको ने रांची जिले में पोषक अनाजों की खेती एवं उसमें पोषक तत्वों के प्रबंधन पर चर्चा की। कार्यक्रम का संचालन केवीके के वैज्ञानिक, पौध सुरक्षा डॉ राजेश कुमार ने किया।

सरसों के क्षेत्र व प्रसंस्करण पर हो काम: अंजनी

रांची। रामकृष्ण मिशन आश्रम, मोरहाबादी की ओर से दिव्यायन कृषि विज्ञान केंद्र में शनिवार को वैज्ञानिक सलाहकार समिति की वार्षिक बैठक हुई। भारतीय कृषि अनुसंधान परिषद, पटना के निदेशक डॉ अंजनी कुमार ने आईसीआर की परियोजना के जरिए सरसों फसल के क्षेत्र विस्तार एवं प्रसंस्करण पर कार्य करने का सुझाव दिया। कहा, पोषक अनाज की प्रसंस्करण इकाई की स्थापना के लिए जरूरी वित्तीय सहयोग दी जाएगी।

बीएयू के निदेशक प्रसार शिक्षा डॉ जगन्नाथ उरांव ने कहा, कृषि उत्पादकता में बढ़ोतरी के लिए किसान और वैज्ञानिक आधुनिक तकनीक से काम करें। आश्रम के सचिव स्वामी भवेशानंद महाराज ने कहा, कृषि में लगातार उत्पादन सुनिश्चित करने के लिए प्राकृतिक खेती ही एकमात्र विकल्प है। कार्यक्रम में छह प्रगतिशील किसानों को खेती में उल्लेखनीय योगदान के लिए सम्मानित किया गया।

जैविक खेती करने की तकनीक सीख रहे हैं गुंदलीटोली के किसान

सिकिदिरी (आजाद सिपाही)। अनगड़ा प्रखंड के बीसा पंचायत अन्तर्गत गुन्दलीटोली गांव निवासी उन्नत जैविक/प्रकृति किसान शिवचरण बेदिया का खेती देखने सिल्ली, तमाड़, कांके , ओरमांझी और बुंडू प्रखंड के 45 सदस्यीय किसानों के समुह जैविक खेती की तकनीक सिखने पहुंचे। शिवचरण बेदिया पिछले कई वर्षों से दिव्यायन कृषि विज्ञान केन्द्र रामकृष्ण मिशन आश्रम मोराबादी रॉची के मार्गदर्शन में जैविक / प्रकृतिक विधि से खेती कर अपने जमीन की उर्वरा शक्ति को बनाये रखने के साथ -साथ लोगों को विशाक्त मुक्त फल सब्जी उपलब्ध करा रहे हैं। इन्होंने जैविक खाद घनजिवामृत, द्रव्यजिवामृत, शस्यगव्य, कुनापाजला और जैविक कीटनाशक में दसपर्णी, अग्नेयस्त्र, नीमास्त्र, आदि का प्रयोग कर अच्छे उत्पादन कर रहे हैं। इसको देखते हुए विभिन्न प्रखंडों से किसान प्रकृतिक खेती की तकनीक सिखने के लिए आते हैं। शिवचरन बेदिया को देख कर गॉव के अन्य किसान भी जैविक/प्रकृतिक खेती करना प्रारंभ कर दिया है। उनमें से शितल बेदिया और निर्मल बेदिया का खेत का भी भ्रमण किया गया। टीम का नेतृत्व रामकृष्ण मिशन आश्रम के प्रतिनिधि अरविंद कुमार महतो कर रहे थे।

कृषि में ऊर्जा संरक्षण व उपयोग पर कार्यशाला आयोजित

सिकिदिरी (आजाद सिपाही)। दिव्यायन कृषि विज्ञान केंद्र, रांची में आज बुधवार के दिन झारखंड नवीकरणीय ऊर्जा विकास एजेंसी (जरेडा) द्वारा प्रायोजित कृषि क्षेत्र में ऊर्जा संरक्षण व उपयोग पर कार्यशाला का आयोजन किया गया। कार्यक्रम में 49 अंगीकृत विवेकानंद सेवा संघ गांवों के प्रतिनिधियों के अलावा जिले के विभिन्न भागों से 94 कृषकों ने भाग लिया। कार्यशाला में मुख्य रूप से संस्थान जरेडा के प्रतिनिधि प्रभाकर झा द्वारा उर्जा एवं जल संरक्षण पर प्रशिक्षण दिया गया। उन्होंने सिंचाई एवं अन्य गतिविधियों के लिए पानी की आवश्यकता को पूरा करने के लिए सौर ऊर्जा द्वारा संचालित एक ऊर्जा कुशल समाधान पीएम कुसुम योजना के कंपोनेंट, गोबर्धन योजना आदि की विस्तृत जानकारी दी। मौके पर केवीके के वरीय वैज्ञानिक सह प्रधान डॉ अजीत कुमार सिंह ने कृषि में प्राकृतिक संसाधन संरक्षण पर प्रकाश डाला। ओपी शर्मा वैज्ञानिक (कृषि अभियंत्रण) ने कृषि में उपयोग होने वाले मशीनों के उपयोग में ऊर्जा संरक्षण की बारीकियों को बताया। जिसमें पहलू बेदिया, प्रदीप महतो ने भी अपने विचार एवं समस्याएं रखी, जिसका मौके पर समाधान किया गया। कार्यशाला में रामकृष्ण मिशन आश्रम दिव्ययान कृषि विज्ञान केंद्र के सचिव स्वामी भवेशनन्द महाराज एवं संस्थान के डॉ. आरके सिंह, डॉ. नेहा राजन, डॉ. मनोज सिंह एवं अन्य वैज्ञानिकों ने सहयोग किया।

किसानों के बीच मडुवा बीज का वितरण

राष्ट्रीय खबर

बुढ़मू : दिव्यायन कृषि विज्ञान केंद्र, रामकृष्णा मिशन के द्वारा अंतरराष्ट्रीय मिलेट मिशन 2023 के तहत बुधवार को बुढ़मू प्रखंड के उसकू गांव में 25 किसानों के बीच चार - चार किलो का मडुवा बीज वितरण किया गया। बीज का वितरण प्रखंड कृषि पदाधिकारी कमल उरांव, बीटीएम प्रदीप कुमार सरकार, एटीएम शुक्ला सरकार, कृषक मित्र तारकेश्वर भारती आदि ने किया। मौके पर उपस्थित पदाधिकारियों ने किसानों को मडुवा बीज लगाने की तकनीक, विशेषता एवं गुणवत्ता को बताया। साथ ही उन्होंने कहा कि समय - समय पर फसल का निरीक्षण भी किया जाएगा।, तथा तकनीकी ज्ञान भी दिया जाएगा। मौके पर राजेंद्र सिंह, विनोद यादव, ललकू मुंडा, बैजू उरांव, अजय नायक सहित कई किसान उपस्थित थे।

बीएयू के अंतरराष्ट्रीय मोटे अनाज को प्रथम पुरस्कार

सरकारी संगठन की श्रेणी में प्रथम पुरस्कार बीएयू के अंतरराष्ट्रीय मोटे अनाज के स्टॉल को मिला। द्वितीय पुरस्कार कृषि विज्ञान केन्द्र, गुमला को एवं तृतीय पुरस्का कृषि विज्ञान केन्द्र, दिव्यायान रांची को दिया गया। मेले में कई संस्थानों के 60 स्टॉल लगाए गए थे। कार्यक्रम संयोजक डॉ निर्मल कुमार, संस्थान के वैज्ञानिक और संस्थानकर्मियों सहित झारखंड, पं. बंगाल और छत्तीसगढ़ से आए 800 किसानों सहित 1200 लोगों ने विभिन्न स्टालों का भ्रमण कर मेले का लाभ उठाया।

प्रक्षेत्र दिवस सह किसान गोष्ठी आयोजित

अनगड़ा : सुरसू पंचायत के कुतुरलोवा गाँव मे शनिवार को दिव्यायन कृषि विज्ञान केन्द्र रामकृष्ण मिशन आश्रम मोराबादी रांची के द्वारा प्रक्षेत्र दिवस सह किसान गोष्ठी का आयोजन किया गया। यह कार्यक्रम वितिय वर्ष 2022- 23 में सरसों अनुसंधान निदेशालय भरतपूर राजस्थान द्वारा प्रायोजित आदिवासी उप योजना अन्तर्गत अनगड़ा प्रखण्ड के दो गाँव कुतुरलोवा एवं छोटकी गोड़ाग मे 75 एकड़ क्षेत्र पर सरसों का प्रत्येक्षण किया गया है। इस योजना अन्तर्गत 75 किसानों को खाद, बीज, एवं किटनाशी आदि निःशुल्क वितरण किया गया। छोटे कृषि यंत्र जैसे स्प्रेयर, सिचाई पम्प, व्हील हो, सीड ड्रील, सीड वीन, आदि वितरण किया गया है। इस वर्ष 234 किसानों को सिचाई पम्प, एवं बैटरी चालित स्प्रेयर का वितरण किया जा रहा है। कार्यक्रम मे 60 किसानों को डॉ. नेहा राजन ने सरसों बीज के रखरखाव व उचित भंडारण के सम्बन्ध मे जानकारी दी। मौके पर कुतुरलोवा विवेकानंद सेवा संघ अध्यक्ष सुरज बेदिया, सचिव डब्ल्यू बेदिया, ग्रामप्रधान गनेश बेदिया, प्रमेशवर बेदिया, हृदय बेदिया, फूलचन्द बेदिया, अम्बिका देवी, गुड़िया देवी, चंचला देवी के अलीवे ग्रामीण महिला पुरुष उपस्थित थे।

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कुतुरलोवा गाँव मे प्रक्षेत्र दिवस सह किसान गोष्ठी का किया गया आयोजन

सोना न्यूज, अनगड़ा/राँची

सुरसू पंचायत के कुतुरलोवा गाँव मे आज शनिवार को दिव्यायन कृषि विज्ञान केन्द्र रामकृष्ण मिशन आश्रम मोराबादी राँची के द्वारा प्रक्षेत्र दिवस सह किसान गोष्ठी का आयोजन किया गया। यह कार्यक्रम वितिय वर्ष 2022- 23 में सरसों अनुसंधान निदेशालय भरतपूर राजस्थान द्वारा प्रायोजित आदिवासी उप योजना अन्तर्गत अनगड़ा प्रखण्ड के दो गाँव कुतुरलोवा एवं छोटकी गोड़ाग मे 75 एकड़ क्षेत्र पर सरसों का प्रत्येक्षण किया गया है। इस योजना अन्तर्गत 75 किसानों को खाद, बीज, एवं किटनाशी आदि निशुल्क मुहैया करायी गयी। इसी कड़ी मे आज कुतुरलोवा ग्राम के 35 किसानों को सरसों फसल में अच्छे प्रदर्शन के लिए बैटरी संचालित स्प्रेयर देकर प्रोत्साहित किया गया। विदित हो कि सरसों निदेशालय द्वारा यह परियोजना पिछले पाँच वर्षों से राँची जिले के विभिन्न गाँवों में चलाई जा रही है । जिसमें 686 कृषकों के बीच छोटे कृषि यंत्र जैसे स्प्रेयर, सिचाई पम्प, व्हील हो, सीड ड्रील,सीड वीन, आदि वितरण किया गया है। इस वर्ष 234 किसानों को सिचाई पम्प, एवं बैटरी चालित स्प्रेयर का वितरण किया जा रहा है। आज के कार्यक्रम मे 60 किसानों को डॉ. नेहा राजन ने सरसों बीज के रखरखाव व उचित भंडारण के सम्बन्ध मे जानकारी दी। मौके पर कुतुरलोवा विवेकानंद सेवा संघ अध्यक्ष सुरज बेदिया, सचिव डब्ल्यू बेदिया, ग्रामप्रधान गनेश बेदिया, प्रमेशवर बेदिया, हृदय बेदिया, फूलचन्द बेदिया, अम्बिका देवी, गुड़िया देवी, चंचला देवी के अलावे ग्रामीण महिला पुरुष उपस्थित थे।

कृषि विज्ञान केन्द्रों का वार्षिक क्षेत्रीय कार्यशाला का समापन

कृषि प्रसार के अच्छे कार्यों से नये व समृद्ध भारत का निर्माण करें : स्वामी भवेशानंद

रांची। आईसीएआर – अटारी, पटना द्वारा आयोजित षि विज्ञान केन्द्रों (केवीके) के तीन दिवसीय वार्षिक क्षेत्रीय कार्यशाला का समापन सोमवार को हुआ। समारोह में बतौर मुख्य अतिथि आरके मिशन, रांची के सचिव स्वामी भवेशानंद ने झारखंड में पहली बार केवीके क्षेत्रीय कार्यशाला के आयोजन को गौरव का अवसर बताया। उन्होंने केव. ीके को कृषि सबंधित प्रसार के अच्छे कार्यों से नये एवं समृद्ध भारत निर्माण को गतिमान करने पर जोर दिया। झारखंड में कृषि कार्यों से जुडी समृद्ध प्रा.तिक संसाधनों का उचित प्रबंधन एवं प्रदेश में प्रोकृतिक खेती को बढ़ावा देने पर बल दिया। मौके पर निदेशक, अटारी, पटना डॉ अंजनी कुमार ने सभी केवीके को जिला स्तर पर फार्म इनोवेशन परियोजना कार्यों को बढ़ावा देने तथा इनोवेटिव फार्मर्स के कार्यों का प्रसार गतिविधियों में सदुपयोग करने को कहा। उन्होंने कहा कि वर्ष 2022–23 में झारखंड एवं बिहार राज्य के सभी

छाया : राजकुमार

कार्यशाला में वृहद् डाटाबेस तैयार करने व प्राकृतिक खेती को बढ़ावा देने पर जोर

68 कृषि विज्ञान केन्द्रों का प्रदर्शन सराहनीय रहा है। इसके बावजूद कार्यशाला के दौरान चिन्हित कमियों एवं सुझावों पर अविलंब ध्यान देनी होगी। आईसीएआर उप–महानिदेशक (प्रसार शिक्षा) डॉ यूएस गौतम द्वारा दिये गये निर्देशों का अनुपालन करने की जरुरत है। उन्होंने सभी केवीके को पिछले वर्ष प्राकृतिक खेती से जोड़े गये किसानों सहित अन्य किसानों को भी प्रोकृतिक खेती से जोड़ने की बात कही। मौके पर निदेशक प्रसार शिक्षा, बिहार कृषि विवि, सबौर डॉ आरके सोहाने ने अटारी वेबसाइट पर केवीके गति. विधियों को अद्यतन करने, फील्ड प्रसार गतिविधियों का जियो टैग फोटोग्राफी करने तथा केवीके के वैज्ञानिक सलाहकार समिति में सुधार की जरुरत बताई। मौके पर निदेशक प्रसार शिक्षा, बीएयू, रांची डॉ जगरनाथ उरांव एवं सीशा के इंडिया हेड डॉ आरके मल्लिक ने भी अपने विचारों को रखा। इस अवसर पर केवीके, आरके मिशन रांची के दो उत्पाद दिव्यायन सीरियल्स मिल्स एवं दिव्यायन रागी लड्डू का अतिथियों ने विमोचन किया। इससे पूर्व कार्यशाला के तीसरे दिन के तकनीकी सत्र में झारखंड राज्य में बीएयू द्वारा संचालित केवीके – बोकारो, चतरा, धनबाद, दुमका, पूर्वी सिंहभूम, गढ़वा, गिरिडीह, जामताडा, लातेहार, लोहरदगा, पाकुर, पलामू, साहिबगंज, सरायकेला – खरसांवा, सिमडेगा एवं पश्चिमी सिंहभूम तथा आरके मिशन द्वारा संचालित केवीके, रांची के प्रधान – सह – वरीय वैज्ञानिकों ने अपने केन्द्रों का वर्ष 2022–23 का वार्षिक प्रगति प्रदर्शन प्रतिवेदन तथा वर्ष 2023–24 की कार्य योजना को प्रस्तुत किया। सत्र की अध्यक्षता डॉ एमएस कुंडू, निदेशक प्रसार शिक्षा, डॉ राजेंद्र प्रसाद केन्द्रीय .षि विवि, पूसा (बिहार) ने की। सत्र के दौरान चर्चा में वृहद् डाटा संग्रहण एवं उनका इम्पैक्ट स्टडीज तथा किसानों के लाभों की जानकारी देने तथा टीएसपी एवं टीएससी से सबंधित प्रसार कार्यक्रमों को प्रोजेक्ट मोड में करने का निर्देश दिया गया। प्रसार कार्यक्रमों से स्थानीय ग्रामीण युवक – युवतियों में उद्यमिता विकास को प्रभावी बनाने पर जोर दिया गया। सत्र में डॉ अशोक कुमार, डॉ संजय पांडे, डॉ रवि कुमार, डॉ अजित कुमार आदि लोगों ने भाग लिया। कार्यक्रम का संचालन एवं धन्यवाद ज्ञापन अटारी, पटना के प्रधान वैज्ञानिक डॉ अमरेन्द्र कुमार ने दी।

आजाद सिपाही
रांची, गुरुवार, 31 अगस्त, 2023
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महत्वपूर्ण न्यूज

दिव्यायन कृषि विज्ञान केंद्र रामकृष्ण मिशन आश्रम रांची ने किया कृषि यंत्र का प्रत्यक्षण

सिकिदिरी (आजाद सिपाही)। नवागढ़ पंचायत के ओबर गांव में बुधवार को दिव्यायन कृषि विज्ञान केन्द्र रामकृष्ण मिशन आश्रम मोराबादी रांची के सौजन्य से प्रथम पॉक्ति प्रत्यक्षण योजना अंतर्गत कोनोविडर छोटे कृषि यंत्र का प्रत्यक्षण किया गया। संस्थान के कृषि अभियंता ईओपी शर्मा ने किसानों को धान फसल में खरपतवार नियंत्रण हेतु कोनोविडर उपयोग करने की तकनीक की जानकारी दी। मौके पर ओबर विवेकानंद सेवा संघ के अध्यक्ष श्यामसुंदर बेदिया, युगलकिशोर बेदिया, महाबीर बेदिया, पहलू बेदिया सहित अन्य ग्रामीण उपस्थित थे।

महिलाओं ने मडुआ के 53 प्रकार के व्यंजन बनाए

बुढ़मू, प्रतिनिधि। कृषि विज्ञान केंद्र, मोरहाबादी के नेतृत्व में बुधवार को गुतरू में पोषक अनाज आधारित व्यंजन प्रतियोगिता का आयोजन किया गया। प्रतियोगिता में 47 महिलाओं ने भाग लिया। महिलाओं के द्वारा मडुआ के 53 किस्म के व्यंजनों को पेश किया गया।

प्रतियोगिता में गृहणियों को पुरस्कृत किया गया। कृषि विज्ञान केंद्र, मोरहाबादी के वरीय वैज्ञानिक अजीत सिंह ने मोटा अनाज को अपने जीवन के खानपान में शामिल करने का आग्रह किया। साथ ही मोटा अनाज से होने वाले फायदे के बारे में विस्तृत जानकारी दी।

कहा कि ग्रामीणों द्वारा अपने खान-पान के लिए मोटा अनाज को शामिल करने के कारण कोरोना जैसी महामारी के दौरान भी ग्रामीण क्षेत्र में रहने वाली आबादी पर इसका प्रभाव कांफी कम पड़ा। कार्यक्रम को बीडीओ नम्रत जोशी, सीओ शंकर कुमार विद्यार्थी प्रमुख सत्यनारायण मुंडा, उपप्रमुख हरदेव साहु व अन्य अतिथियों ने संबोधित किया।

लाह की वैज्ञानिक विधि से खेती कर किसान हो रहे हैं खुशहाल

सिकिदिरी (आजाद सिपाही)। दिव्यायन कृषि विज्ञान केन्द्र रामकृष्ण मिशन आश्रम मोराबादी रांची के मार्गदर्शन में आर्या परियोजना अन्तर्गत नवागढ़ पंचायत के ओबर हड़राबेड़ा एवं टाटी पंचायत के सारजमडीह गांव के किसानों को पूर्व में लाह की वैज्ञानिक खेती करने हेतु 80 किसानों को प्रशिक्षण दिया गया था। साथ ही खेती करने हेतु लाह बीज, गोटर स्प्रेयर मशीन, लुपर ट्रीपूनर दिया गया था। आज नवागढ़ पंचायत के ओबर गांव में वैज्ञानिकों द्वारा लाह खेती का निरीक्षण किया गया। पाया गया कि लाह की खेती कर किसान बहुत खुश हैं, किसानों द्वारा की गई कुसूम पेड़ पर लाह बहुत अच्छा है। अनुमान है कि उपज भी बहुत अच्छा होगा। आर्या परियोजना के.वी.के. के वरीय वैज्ञानिक सह प्रधान डॉ. अजित सिंह तथा किट वैज्ञानिक डॉ. राजेश कुमार परियोजना का संचान करते हैं। मौके पर प्रक्षेत्र सहायक मनोरंजन कुम्हार, ललकु बेदिया, सुलेन्द्र बेदिया, लखिन्द्र बेदिया, आदि उपस्थित थे।

मेला : अनगड़ा गेतलसूद में आयोजित दो दिवसीय श्री रामकृष्ण किसान मेला संपन्न

किसानों ने 557 फसल एवं सब्जी उत्पाद की प्रदर्शनी लगायी

विधायक सुदेश महतो ने आरके आश्रम दिव्यायन कृषि विज्ञान केंद्र के समर्पण भाव से किसानों के बीच जुड़ने की सराहना की

आजाद सिपाही संवाददाता

अनगड़ा। कृषि विज्ञान केन्द्र रांची द्वारा श्री रामकृष्ण किसान मेला का आयोजन अनगड़ा प्रखंड के गेतलसूद फार्म में किया गया। यह मेला के वीके (एसएसपी) योजना, नाबार्ड एवं आत्मा द्वारा प्रायोजित था। मेला में जो तकनीकी दिखाया गया था उसमें प्राकृतिक खेती, पोषक अनाज एवं प्राकृतिक संसाधन से संबंधित लाह पालन, मधुमक्खी पालन, बकरी पालन आदि पर जोर दिया गया। मेला में कुल 557 फसल एवं सब्जी उत्पाद के नमुने किसानों द्वारा प्रदर्श में लाया गया। मेले में विभिन्न विभागों के 32 स्टॉल भी लगाया गये थे। मेले के समापन समारोह में बतौर मुख्य अतिथि पूर्व उपमुख्यमंत्री सह सिल्ली विधायक सुदेश कुमार महतो, विशिष्ट अतिथि बिरसा कृषि विश्वविद्यालय के कुलपति डॉ. ओंकारनाथ सिंह, नाबार्ड के मुख्य महाप्रबंधक डॉ. एमएस राव, स्वामी भवेशानंद जी महराज, डॉ. अजीत कुमार सिंह, वरीय वैज्ञानिक सह प्रधान, केवीके रांची उपस्थित थे। मुख्य अतिथि विधायक ने मेला में उपस्थित लोगों को संबोधित करते हुए कहा कि मेले में प्रदर्शित तकनीक, शोध का प्रचार-प्रसार का कार्य संस्थान द्वारा लगातार किसानों को मजबूत बनाने के लिए किया जा रहा है। उन्होंने रामकृष्ण मिशन आश्रम दिव्यायन कृषि विज्ञान केन्द्र द्वारा समर्पण भाव से किसानों के बीच जुड़ने एवं तकनीक का प्रचार प्रसार करने की सराहना की। वहीं विशिष्ट अतिथि बिरसा कृषि विश्वविद्यालय के कुलपति डॉ. ओंकारनाथ सिंह ने दिव्यायन कृषि विज्ञान केन्द्र एवं अन्य संस्थानों द्वारा प्रदर्शित तकनीकों का सराहना करते हुए प्रकृतिक खेती को रांची जिले के कुछ चिन्हित क्षेत्रों मे करने की सलाह दी। संस्था के सचिव स्वामी भवेशानन्द जी महराज ने किसानों को जैविक विधि से खेती की और अग्रसर होने की अपील की। इससे पूर्व दिव्यायन कृषि विज्ञान केन्द्र के वैज्ञानिकों, रामकृष्ण मिशन विवेकानंद शैक्षणिक एवं शोध संस्थान के अध्यापक, एवं प्लॉन्डू हार्प के वैज्ञानिकों के द्वारा किसान गोष्ठी का आयोजन किया गया। किसान गोष्ठी में प्राकृतिक खेती/जैविक कृषि से स्वस्थ्य मिट्टी, स्वस्थ फसल, स्वस्थ समाज से आधारित पोषण सुरक्षा, प्राकृतिक संसाधन प्रबंधन, टिकाऊ आजिविका का श्रोत आदि विषयों पर विस्तृत जानकारी दी गई। दिव्यायन कृषि विज्ञान केन्द्र के वरीय वैज्ञानिक सह प्रधान डॉ. अजित सिंह ने मेला में अतिथियों का स्वागत सह मेला का परिचय दिया। वहीं मेला समिति के सचिव कमल बेदिया ने अनगड़ा प्रखंड के विवेकानंद सेवा संघों में चल रहे विकास कार्यों की संक्षिप्त जानकारी दी। कार्यक्रम का संचालन डॉ.रविन्द्र सिंह ने किया।

मेला में अतिथि के रूप में जिला परिषद सदस्य राजेन्द्र शाही मुण्डा, नामकोम जिला परिषद सदस्य विपीन टोपो, सीता लकड़ा, प्रमुख दीपा उरांव, पूर्व प्रमुख अनिता गाड़ी, इसके साथ मेला को सफल बनाने में मेला समिति अध्यक्ष भुवनेश्वर बेदिया, उपाध्यक्ष मालिया बेदिया, सचिव कमल बेदिया, सह सचिव राजकुमार बेदिया, कोषाध्यक्ष लालो कुमार महतो, संरक्षक सुरेश कुमार महतो, श्रवण मुखियार, नरेन्द्रनाथ बेदिया, प्रदीप महतो, पहलू बेदिया, सोमरा बेदिया, परमेश्वर महतो, बालेशवर महतो, रासल तीर्की, करमसिंह बेदिया, महेन्द्र महतो, आकला कुम्हार, आदि के अलावे स्वय सेवकों का अहम योगदान रहा।

Beneficiaries under CFLD Lentil - 2023-24												
Sl	**Full Name**	**Father Name**	**Gender**	**Caste**	**Address**	**State**	**District**	**Block**	**Village**	**PIN**	**Mobile**	**Aadhaar**
1	DIPENDRA BEDIYA	DHANESHWAR BEDIYA	Male	ST	Khakshitoli	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103	6205922405	219642070360
2	BAUDA	SABRAN BEDIYA	Male	ST	Khakshitoli	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103	6204968012	447940564590
3	SHYAM SUNDAR	LATE BALSU BEDIYA	Male	ST	OBAR	JHARKHAND	RANCHI	ANGARA	OBER	835103	6299247935	219747329606
4	HARIYA BEDIYA	LATE KARMA BEDIYA	Male	ST	OBAR	JHARKHAND	RANCHI	ANGARA	OBER	835103	8789572535	669873248089
5	ROHINA	JOGIYA BEDIYA	Male	ST	OBAR	JHARKHAND	RANCHI	ANGARA	OBER	835103	7857040728	575499331639
6	SOMRA	MOTHWA BEDIYA	Male	ST	KHAKSI TOLI	JHARKHAND	RANCHI	ANGARA	NAVAGADHS	835103	9508081869	947940136068
7	MAHAVIR	MAHADEV BEDIA	Male	ST	OBAR	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103		417145842050
8	MANOJ	JAGATPAL BEDIYA	Male	ST	khaksitoli	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103		759734847621
9	SHASDHAR BEDIYA	HIRDU BEDIYA	Male	ST	Obar	JHARKHAND	RANCHI	ANGARA	OBER	835103		225680557267
10	PARASNATH MAHTO	LATE. BABURAM MAHTO	Male	BC-I	Mahuwa Tungri	JHARKHAND	RANCHI	ANGARA	HARATU	835103		659291539812
11	DASHAIYA MAHTO	LATE. BABURAM MAHTO	Male	BC-I	Mahuwa Tungri	JHARKHAND	RANCHI	ANGARA	HARATU	835103		815544851699
12	SATISH KUMAR	WASJU MAHTO	Male	BC-I	Mahuwa Tungri	JHARKHAND	RANCHI	ANGARA	HARATU	835103		628448574385
13	JITU MAHTO	MAHAVIR MAHTO	Male	BC-I	Mahuwa Tungri	JHARKHAND	RANCHI	ANGARA	HARATU	835103		419203332128
14	BALESHWAR MAHTO	LT. CHARKA MAHTO	Male	BC-I	Mahuwa Tungri	JHARKHAND	RANCHI	ANGARA	HARATU	835103	7070117035	630521135122
15	SEVALAL MAHTO	LT. JHUBRA MAHTO	Male	BC-I	Mahuwa Tungri	JHARKHAND	RANCHI	ANGARA	HARATU	835103	8294796751	812546985762
16	SOMNATH MAHTO	LT. HUTU MAHTO	Male	BC-I	Mahuwa Tungri	JHARKHAND	RANCHI	ANGARA	HARATU	835103	7805705542	514703900222
17	SHIVSHANKAR BEDIYA	SAHDEV BEDIYA	Male	ST	khaksi Toli	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103		732521080819
18	LALESHWAR MAHTO	DEBNATH MAHTO	Male	BC-I	Gutaru	JHARKHAND	RANCHI	BURMU	BURMU	835214	9798707432	232867075282
19	MADAN	LT. SUDHU MAHTO	Male	BC-I	Gutaru	JHARKHAND	RANCHI	BURMU	BURMU	835214	6203478605	658080135883
20	SUNUL PAHAN	LT. DHANESHWAR PAHAN	Male	ST	Gutaru	JHARKHAND	RANCHI	BURMU	BURMU	835214	7004770902	970728738950

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21	BISHWANATH MAHTO	SOBHNATH MAHTO	Male	BC-I	Gutaru	JHARKHAND	RANCHI	BURMU	BURMU	835214	9959115363	756592805575
22	SAHDEV	SUKHI MAHLI	Male	ST	Gutaru	JHARKHAND	RANCHI	BURMU	BURMU	835214	6204223869	827054382853
23	SADHAN	LT. SHIV ORAON	Male	ST	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	7542732111	246844908951
24	LALITA DEVI	DURBAL YADAV	Female	BC-I	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	9508906828	814362027833
25	VINOD YADAV	RAMPAL YADAV	Male	BC-I	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	8434617237	436430246421
26	RINA DEVI	DEVCHANDRA ORAON	Female	ST	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	7858827128	927866245647
27	MANOJ	RAMPAL YADAV	Male	BC-I	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	8936806450	885636526408
28	KALO DEVI	KRISHNA BHARTI	Female	BC-I	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	9263401497	252626704928
29	LAGANMANI	LALKU MUNDA	Female	ST	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	9634250558	796031637677
30	BIRSHA	MAHADEV ORAON	Male	ST	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	6202520400	393793209401
31	MANGAL KUMAR SINGH	LT. RAMKESHWAR SINGH	Male	GEN	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	7033474145	531886829958
32	PRABHU YADAV	RAMSEWAK YADAV	Male	BC-I	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	8521692368	506928271845

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Sl	**Full Name**	**Father Name**	**Gender**	**Caste**	**Address**	**State**	**District**	**Block**	**Village**	**PIN**	**Mobile**	**Aadhaar**
1	VINOD YADAV	RAMPAL YADAV	Male	BC-I	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	8434617237	436430246421
2	BRAJMOHAN BABU	BOLAI BABU	Male	ST	Baisna Dih	JHARKHAND	RANCHI	TAMAR	AMLESHA	835225		339133907130
3	SAVITRI DEVI	RAVICHANDRA MUNDA	Female	ST	Baisna Dih	JHARKHAND	RANCHI	TAMAR	AMLESHA	835225		538394122356
4	PRADHAN MUNDA	LAXMAN MUNDA	Male	ST	Baisna Dih	JHARKHAND	RANCHI	TAMAR	AMLESHA	835217	6299198711	967071620126
5	KANCHAN MUNDA	LT. DHASU MUNDA	Male	ST	Baisna Dih	JHARKHAND	RANCHI	TAMAR	AMLESHA	835225	7549184599	466586794556
6	MADAN MOHAN SIGH NAG	LT. RADHAGOVIND MUNDA	Male	ST	Baisna Dih	JHARKHAND	RANCHI	TAMAR	AMLESHA	835225	9661114875	612933215383
7	MANGAL MUNDA	LT. JATU MUNDA	Male	ST	Baisna Dih	JHARKHAND	RANCHI	TAMAR	AMLESHA	835225		896277990347
8	RAVICHANDRA MUNDA	LT. RAMHARI SINGH MUNDA	Male	ST	Baisna Dih	JHARKHAND	RANCHI	TAMAR	AMLESHA	835225		422595693632
9	DUBRAJ MUNDA	LT. KANDU PAHAN	Male	ST	Baisna Dih	JHARKHAND	RANCHI	TAMAR	AMLESHA	835225	9798405687	923344655859
10	JITU MUNDA	LT. GURUWA MUNDA	Male	ST	Baisna Dih	JHARKHAND	RANCHI	TAMAR	AMLESHA	835225	7033868097	628971972371
11	CHAMU MUNDA	LT. NARAYAN MUNDA	Male	ST	Baisna Dih	JHARKHAND	RANCHI	TAMAR	AMLESHA	835225	9264410441	878982931100
12	BIRSI MUNDA	MADAN MOHAN SINGH NAG	Female	ST	Baisna Dih	JHARKHAND	RANCHI	TAMAR	AMLESHA	835225	8757455744	630996846057
13	CHUDAMANI KUMARI	RAMESHWAR MUNDA	Female	ST	Baisna Dih	JHARKHAND	RANCHI	TAMAR	AMLESHA	835225		815756231632
14	DEVI LAL PAHAN	LT. SAMBWAT PAHAN	Male	ST	Baisna Dih	JHARKHAND	RANCHI	TAMAR	AMLESHA	835225	9153885241	840601931164
15	JOGO MUNDA	LT. BRAJO MUNDA	Male	ST	Baisna Dih	JHARKHAND	RANCHI	TAMAR	AMLESHA	835225		857765190780
16	SUMITRA DEVI	LT. MOHAN MUNDA	Female	ST	Achudih	JHARKHAND	RANCHI	TAMAR	ACHUDIH	835225		599558655662
17	SHAKUNTALA DEVI	SARYU PAHAN	Female	ST	Achudih	JHARKHAND	RANCHI	TAMAR	ACHUDIH	835225		832700928239
18	GANGAMANI DEVI	MOHAN MUNDA	Female	ST	Achudih	JHARKHAND	RANCHI	TAMAR	ACHUDIH	835225		807808453980
19	LAKHICHARAN MUNDA	MOHAN MUNDA	Male	ST	Achudih	JHARKHAND	RANCHI	TAMAR	ACHUDIH	835225		834514077741
20	LAXMI NARAYAN MUNDA	LT. MADHU MUNDA	Male	ST	Achudih	JHARKHAND	RANCHI	TAMAR	ACHUDIH	835225		450731937590
21	MRITYUNJAY MAHTO	LT. RAMDAYAL MAHTO	Male	BC-I	Achudih	JHARKHAND	RANCHI	TAMAR	ACHUDIH	835225		329896369442
22	CHANDRA MOHAN MAHTO	LT. LAKHI MAHTO	Male	BC-I	Achudih	JHARKHAND	RANCHI	TAMAR	ACHUDIH	835225	6200018093	595557686878

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23	DHANESHWARI DEVI	CHANDRA MOHAN MAHTO	Female	BC-I	Achudih	JHARKHAND	RANCHI	TAMAR	ACHUDIH	835225	6200018093	467988664682
24	RAJNO DEVE	LAKHI MAHTO	Female	BC-I	Achudih	JHARKHAND	RANCHI	TAMAR	ACHUDIH	835225	9153182071	285360608298
25	TARKESHWAR BHARTI	LT. BAIJNATH BHARTI	Male	BC-I	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	7004157084	319977008096
26	PURAN YADAV	LT. AMAR YADAV	Male	BC-I	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	6207761370	575598705253
27	BIRSA ORAON	LT. JEGA ORAON	Male	ST	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	9065623279	451167799819
28	PUNA ORAON	LT. DHUCHA ORAON	Male	ST	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	7292908134	263253609894
29	KRISHNA BHARTI	LT. HARIHAR BHARTI	Male	BC-I	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	7320054470	412261572954
30	BAIJU ORAON	LT. LALU ORAON	Male	ST	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	7250459750	599156621194
31	DURBAL YADAV	LT. GOPAL YADAV	Male	BC-I	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	7739615749	428486111840
32	RAMPAL YADAV	LT. SOHAN YADAV	Male	BC-I	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	8969480828	258882651507
33	SHANTI DEVI	ARJUN ORAON	Female	ST	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	9523039953	875804074252
34	RAJENDRA KUMAR SINGH	LT. RAMKESHWAR SINGH	Male	GEN	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	8340349677	702158910856
35	RAMSEWAK YADAV	SALU YADAV	Male	BC-I	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	7061698004	343737571939
36	DINESH YADAV	LT. MUTU YADAV	Male	BC-I	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	9661881433	303431379004
37	RAJKUMAR ORAON	BIRSHA ORAON	Male	ST	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	7763979020	652193671189
38	BIRJU MUNDA	BIRSHA MUNDA	Male	ST	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	9608254635	516570552526
39	LALKU MUNDA	JITU MUNDA	Male	ST	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	9608568776	497003708690
40	DEVCHANDRA ORAON	ETWA ORAON	Male	ST	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	9234996377	346825879905
41	SOMRA ORAON	BUDA ORAON	Male	ST	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	9006076234	346189153980
42	SHANICHARWA ORAON	LT. BIRSHA ORAON	Male	ST	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	8969243218	289539792449
43	NIBU DEVI	LT. GHASIBA ORAON	Female	ST	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	8434497108	448883068323
44	KAILA ORAON	MANGRU ORAON	Male	ST	Usku	JHARKHAND	RANCHI	BURMU	BURMU	835214	9631805556	601157534248
45	PRAKASH MUNDA	MALESWAR MUNDA	Male	ST	Gutru burmu	JHARKHAND	RANCHI	BURMU	GUTRU	835214	6205158903	620515890399
46	SHEELA DEVI	MAJBOOTH MUNDA	Female	ST	Gutru burmu	JHARKHAND	RANCHI	BURMU	GUTRU	835214	9572031188	957203118899

Beneficiaries under CFLD Linseed - 2023-24												
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47	ASANTONI DEVI	MAHADEV MAHTO	Female	BC-II	Gutru burmu	JHARKHAND	RANCHI	BURMU	GUTRU	835214	6200690015	620069001599
48	MANKUBER DEVI	BUDHNATH PAHAN	Female	ST	Gutru burmu	JHARKHAND	RANCHI	BURMU	GUTRU	835214	8340637633	834063763399
49	PONO DEVI	PHEULESWAR MAHTO	Female	BC-II	Gutru burmu	JHARKHAND	RANCHI	BURMU	GUTRU	835214	8757472840	875747284099
50	NANKI DEVI	JAYNATH MAHTO	Female	BC-II	Gutru burmu	JHARKHAND	RANCHI	BURMU	GUTRU	835214	9113139289	911313928999
51	MOHAN MAHTO	SUDU MAHTO	Male	BC-II	Gutru burmu	JHARKHAND	RANCHI	BURMU	GUTRU	835214	6203478605	620347860599
52	RAMESWAR MAHTO	LOKNATH MAHTO	Male	BC-II	Gutru burmu	JHARKHAND	RANCHI	BURMU	GUTRU	835214	9939067290	993906729099
53	LALDEV MAHTO	MAHESH MAHTO	Male	BC-II	Gutru burmu	JHARKHAND	RANCHI	BURMU	GUTRU	835214	9341721550	934172155099
54	JEWAN MAHTO	RAYO MAHTO	Male	BC-II	Gutru burmu	JHARKHAND	RANCHI	BURMU	GUTRU	835214	9546268346	954626834699
55	SHIVCHARAN MAHTO	MAHABIR MAHTO	Male	BC-II	Gutru burmu	JHARKHAND	RANCHI	BURMU	GUTRU	835214	6200513719	620051371999
56	SURESH KUMAR MUNDA	SUKRA MUNDA	Male	ST	Gutru burmu	JHARKHAND	RANCHI	BURMU	GUTRU	835214	9931555938	993155593899
57	MAHESH PAHAN	LASAN PAHAN	Male	BC-II	Gutru burmu	JHARKHAND	RANCHI	BURMU	GUTRU	835214	8709814687	870981468799
58	SURENDRA KUMAR MUNDA	KARINATH MUNDA	Male	ST	Gutru burmu	JHARKHAND	RANCHI	BURMU	GUTRU	835214	6203649191	620364919199
59	RAGHURAM PAHAN	DEV PAHAN	Male	BC-II	Gutru burmu	JHARKHAND	RANCHI	BURMU	GUTRU	835214	9155788438	915578843899

Beneficiaries under CFLD Mustard - 2023-24												
Sl	Full Name	Father Name	Gender	Caste	Address	State	District	Block	Village	PIN	Mobile	Aadhaar
1	HARI PADO BEDIYA	ISHWAR BEDIYA	Male	ST	Chhotkigorang	JHARKHAND	RANCHI	ANGARA	BISHA	835103	6204025555	220982213223
2	SHIVCHARAN BEDIYA	GURUDYAL BEDIYA	Male	ST	Chhotkigorang	JHARKHAND	RANCHI	ANGARA	BISHA	835103	9523381808	326541815531
3	ASHARAM BEDIYA	LT. CHARWA BEDIYA	Male	ST	Chhotkigorang	JHARKHAND	RANCHI	ANGARA	BISHA	835103	9470514158	628355226537
4	MAHESH BEDIYA	LT. BALRAM BEDIYA	Male	ST	Chhotkigorang	JHARKHAND	RANCHI	ANGARA	BISHA	835103	9931735984	592240063793
5	MAHADEV ORAON	LT. SUKHAL ORAON	Male	SC	Chhotkigorang	JHARKHAND	RANCHI	ANGARA	BISHA	835103		656015147319
6	DILESHWAR ORAON	LT. KAMLO ORAON	Male	ST	Chhotkigorang	JHARKHAND	RANCHI	ANGARA	BISHA	835103	8252676160	787115401703
7	SUKRA ORAON	LT. DOMNA ORAON	Male	ST	Chhotkigorang	JHARKHAND	RANCHI	ANGARA	BISHA	835103		253291639404
8	SAGHAMI DEVI	BALCHANDRA MAHTO	Female	BC-II	KHARKUTOLI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205		428170187976
9	DABHARATH MAHTO	MUKUND MAHTO	Male	BC-II	KHARKUTOLI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205		862569772289
10	RAMCHANDRA MAHTO	MOKA MAHTO	Male	BC-II	KHARKUTOLI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205		818269804803
11	RAJENDRA MAHTO	JAGLAL MAHTO	Male	BC-II	KHARKUTOLI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205		883887239231
12	PARASNATH MAHTO	LATE. BABURAM MAHTO	Male	BC-I	Mahuwa Tungri	JHARKHAND	RANCHI	ANGARA	HARATU	835103		659291539812
13	DASHAIYA MAHTO	LATE. BABURAM MAHTO	Male	BC-I	Mahuwa Tungri	JHARKHAND	RANCHI	ANGARA	HARATU	835103		815544851699
14	SATISH KUMAR MAHTO	WASJU MAHTO	Male	BC-I	Mahuwa Tungri	JHARKHAND	RANCHI	ANGARA	HARATU	835103		628448574385
15	JITU MAHTO	MAHAVIR MAHTO	Male	BC-I	Mahuwa Tungri	JHARKHAND	RANCHI	ANGARA	HARATU	835103		419203332128
16	BALESHWAR MAHTO	LT. CHARKA MAHTO	Male	BC-I	Mahuwa Tungri	JHARKHAND	RANCHI	ANGARA	HARATU	835103	7070117035	630521135122
17	SEVALAL MAHTO	LT. JHUBRA MAHTO	Male	BC-I	Mahuwa Tungri	JHARKHAND	RANCHI	ANGARA	HARATU	835103	8294796751	812546985762
18	SOMNATH MAHTO	LT. HUTU MAHTO	Male	BC-I	Mahuwa Tungri	JHARKHAND	RANCHI	ANGARA	HARATU	835103	7805705542	514703900222
19	SURESH MAHTO	LT. DUBRAJ MAHTO	Male	BC-I	Mahuwa Tungri	JHARKHAND	RANCHI	ANGARA	HARATU	835103		767749543571
20	BALKO DEVI	MOGO MAHTO	Female	BC-I	Mahuwa Tungri	JHARKHAND	RANCHI	ANGARA	HARATU	835103	7481825204	701899222841
21	REETA DEVI	ETWA MAHTO	Female	BC-I	Mahuwa Tungri	JHARKHAND	RANCHI	ANGARA	HARATU	835103	8084686682	761464203923

Beneficiaries under CFLD Mustard - 2023-24												
Sl	**Full Name**	**Father Name**	**Gender**	**Caste**	**Address**	**State**	**District**	**Block**	**Village**	**PIN**	**Mobile**	**Aadhaar**
22	BIRSA MAHTO	LT. KARTIK MAHTO	Male	BC-I	Mahuwa Tungri	JHARKHAND	RANCHI	ANGARA	HARATU	835103	7677222950	813813842854
23	RAJNATH MAHTO	MOGO MAHTO	Male	BC-I	Mahuwa Tungri	JHARKHAND	RANCHI	ANGARA	HARATU	835103	6200618247	640035575513
24	YOGENDRA MAHTO	RAMNATH MAHTO	Male	BC-I	Mahuwa Tungri	JHARKHAND	RANCHI	ANGARA	HARATU	835103	8083735149	715042846365
25	MAMTA DEVI	MAHENDRA MAHTO	Female	BC-I	Mahuwa Tungri	JHARKHAND	RANCHI	ANGARA	HARATU	835103	7541077385	831218545696
26	SHANICHARWA MAHTO	SOHAN MAHTO	Male	BC-I	Mahuwa Tungri	JHARKHAND	RANCHI	ANGARA	HARATU	835103	9798725116	793060662867
27	SUKRA BEDIYA	LT. RAJKISHOR BEDIYA	Male	ST	Chhotkigorang	JHARKHAND	RANCHI	ANGARA	BISHA	835103	7667330739	503764869608
28	BIRBAL BEDIYA	SHIVDAYAL BEDIYA	Male	ST	Chhotkigorang	JHARKHAND	RANCHI	ANGARA	BISHA	835103	6202375248	767798224010
29	ASHARAM BEDIYA	LT. RAJKISHOR BEDIYA	Male	ST	Chhotkigorang	JHARKHAND	RANCHI	ANGARA	BISHA	835103	9771756144	844424914678
30	TIRULAL BEDIYA	KARAM SINGH BEDIYA	Male	ST	Chhotkigorang	JHARKHAND	RANCHI	ANGARA	BISHA	835103	6201173466	377817445563
31	MOHAN BEDIYA	MAHAVIR BEDIYA	Male	ST	Chhotkigorang	JHARKHAND	RANCHI	ANGARA	BISHA	835103	9142589979	937450738755
32	CHHOTU BHOKTA	BANSINGH BHOKTA	Male	ST	Chhotkigorang	JHARKHAND	RANCHI	ANGARA	BISHA	835103	7857030696	270049738268
33	ANANDRAM BHOKTA	KHEDUWA BHOKTA	Male	ST	Chhotkigorang	JHARKHAND	RANCHI	ANGARA	BISHA	835103	9905922562	382550891065
34	MATHU BHOKTA	SAMALA BHOKTA	Male	ST	Chhotkigorang	JHARKHAND	RANCHI	ANGARA	BISHA	835103	7856052799	783934604358
35	RAJU BHOKTA	BUDHA BHOKTA	Male	ST	Chhotkigorang	JHARKHAND	RANCHI	ANGARA	BISHA	835103	7903838994	323934256512
36	BALESHWAR BHOKTA	MUKUND BHOKTA	Male	ST	Chhotkigorang	JHARKHAND	RANCHI	ANGARA	BISHA	835103	7857004513	217176984748
37	JETHUWA BHOKTA	JHABUWA BHOKTA	Male	ST	Chhotkigorang	JHARKHAND	RANCHI	ANGARA	BISHA	835103	9608682647	994591236230
38	PHULENDRA BHOKTA	SITARAM BHOKTA	Male	ST	Chhotkigorang	JHARKHAND	RANCHI	ANGARA	BISHA	835103	6299405348	661930837125
39	KAMAL BEDIYA	JITWAHAN BEDIYA	Male	ST	Chhotkigorang	JHARKHAND	RANCHI	ANGARA	BISHA	835103	7061551356	486173963356
40	BALESHWAR BHOKTA	NARAYAN BHOKTA	Male	ST	Chhotkigorang	JHARKHAND	RANCHI	ANGARA	BISHA	835103	6201911944	273198458661
41	BIRSA BEDIYA	LT. SIKARI BEDIYA	Male	ST	Chhotkigorang	JHARKHAND	RANCHI	ANGARA	BISHA	835103	9508027366	630695908173
42	CHHOTAN MAHTO	LT. MUKUND MAHTO	Male	BC-I	Kharku Toli	JHARKHAND	RANCHI	BURMU	HESALPIRI	835214	9190249488	680242066828
43	KAMESHWAR MAHTO	SOHRAI MAHTO	Male	BC-I	Kharku Toli	JHARKHAND	RANCHI	BURMU	HESALPIRI	835214	9102775689	439029872703

Beneficiaries under CFLD Mustard - 2023-24												
Sl	**Full Name**	**Father Name**	**Gender**	**Caste**	**Address**	**State**	**District**	**Block**	**Village**	**PIN**	**Mobile**	**Aadhaar**
44	BIRAJO DEVI	NAVEEN MAHTO	Female	BC-I	Kharku Toli	JHARKHAND	RANCHI	BURMU	HESALPIRI	835214		907441193349
45	PARASNATH MAHTO	JAYRAM MAHTO	Male	BC-I	Kharku Toli	JHARKHAND	RANCHI	BURMU	HESALPIRI	835214		423801681508
46	JITESH KUMAR MAHTO	CHATAN MAHTO	Male	BC-I	Kharku Toli	JHARKHAND	RANCHI	BURMU	HESALPIRI	835214		268045636246
47	MANESHWAR MAHTO	BHADO MAHTO	Male	BC-I	Kharku Toli	JHARKHAND	RANCHI	BURMU	HESALPIRI	835214		911196071672
48	BINDESHWAR MAHTO	LT. NARAYAN MAHTO	Male	BC-I	Kathar Toli	JHARKHAND	RANCHI	BERO	PURIYO	835202	9534091050	333358240079
49	JAIRAM KACHHAP	LT. FAGUWA ORAON	Male	ST	Kathar Toli	JHARKHAND	RANCHI	BERO	PURIYO	835202	8757731374	622666082201
50	BISHWANATH BHAGAT	LT. MAHESH BHAGAT	Male	ST	Kathar Toli	JHARKHAND	RANCHI	BERO	PURIYO	835202	9709169796	595244900348
51	SOMA ORAON	BIRSA ORAON	Male	ST	Kathar Toli	JHARKHAND	RANCHI	BERO	PURIYO	835202	6299277757	593282366504
52	JAIMANGAL BHAGAT	LT. SUKRA BHAGAT	Male	ST	Kathar Toli	JHARKHAND	RANCHI	BERO	PURIYO	835202	6307075587	736011335745
53	BIRSA ORAON	LT. JUHU ORAON	Male	ST	Kathar Toli	JHARKHAND	RANCHI	BERO	PURIYO	835202	7321031173	342681014505
54	LAXMAN MAHTO	RAM KISHUN MAHTO	Male	BC-I	Kathar Toli	JHARKHAND	RANCHI	BERO	PURIYO	835202	7070797960	689179620142
55	RAJESH MAHTO	LT. JAGDISH MAHTO	Male	BC-I	Kathar Toli	JHARKHAND	RANCHI	BERO	PURIYO	835202	9534226963	357663607664
56	BIRSA ORAON	LT. LAKHO ORAON	Male	ST	Kathar Toli	JHARKHAND	RANCHI	BERO	PURIYO	835202	9162174607	960828122938
57	PRITAM KUMAR	SHUKUL KUMAR MEHTA	Male	BC-I	Kathar Toli	JHARKHAND	RANCHI	BERO	PURIYO	835202	9470561611	871023535386
58	PRITI DEVI	UPENDRA NATH PRASAD	Female	BC-I	Hundur	JHARKHAND	RANCHI	KANKE	HUNDUR	835217	7765035651	771740946498
59	BINOD PAHAN	LT. SUKRA PAHAN	Male	ST	Hundur	JHARKHAND	RANCHI	KANKE	HUNDUR	835217	6299652493	359470314585
60	REKHA DEVI	VIJAY MAHTO	Female	BC-I	Hundur	JHARKHAND	RANCHI	KANKE	HUNDUR	835217	8298859417	894449778182
61	ANJU DEVI	TEJNATH MAHTO	Female	BC-I	Hundur	JHARKHAND	RANCHI	KANKE	HUNDUR	835217	8292531129	890374007232
62	SAROJNI DEVI	RAMESHWAR MAHTO	Female	BC-I	Hundur	JHARKHAND	RANCHI	KANKE	HUNDUR	835217	9631657541	382912495029
63	BASANTI DEVI	ARJUN MAHTO	Female	BC-I	Hundur	JHARKHAND	RANCHI	KANKE	HUNDUR	835217	8789032085	515471867314
64	ILAPO DEVI	SURENDRA MAHTO	Female	BC-I	Hundur	JHARKHAND	RANCHI	KANKE	HUNDUR	835217	9534814355	957175754071
65	RUPESHWARI DEVI	SONARAM MAHTO	Female	BC-I	Hundur	JHARKHAND	RANCHI	KANKE	HUNDUR	835217	9934177126	433022528225

Beneficiaries under CFLD Mustard - 2023-24												
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66	RENU DEVI	RAMKRISHN MAHTO	Female	BC-I	Hundur	JHARKHAND	RANCHI	KANKE	HUNDUR	835217	6299728063	859427547977
67	SANGEETA DEVI	LT. KRISHNA MAHTO	Female	BC-I	Hundur	JHARKHAND	RANCHI	KANKE	HUNDUR	835217	9771969658	245880318367
68	BIMLA DEVI	PHULENDRA MAHTO	Female	BC-I	Hundur	JHARKHAND	RANCHI	KANKE	HUNDUR	835217	9334966118	596306786717
69	DEVENDRA MAHTO	JAIDHAN MAHTO	Male	BC-I	Hundur	JHARKHAND	RANCHI	KANKE	HUNDUR	835217		284395825584
70	BASANT KUMAR	LT. INDRANATH MAHTO	Male	BC-I	Hundur	JHARKHAND	RANCHI	KANKE	HUNDUR	835217	9572161441	688981725432
71	YOGENDRA PRASAD	LT. ALAKNATH MAHTO	Male	BC-I	Hundur	JHARKHAND	RANCHI	KANKE	HUNDUR	835217	9006699510	338710099538
72	GAYAMANI DEVI	SURENDRA MAHTO	Female	BC-I	Hundur	JHARKHAND	RANCHI	KANKE	HUNDUR	835217	6205803038	975878256874
73	MINA DEVI	7294822209	Female	BC-I	Hundur	JHARKHAND	RANCHI	KANKE	HUNDUR	835217	7294822209	580692235241
74	AJEET KUMAR	GOVIND MAHTO	Male	BC-I	Hundur	JHARKHAND	RANCHI	KANKE	HUNDUR	835217	9570687791	496688775970
75	NAMITA DEVI	SANJAY MAHTO	Female	BC-I	Hundur	JHARKHAND	RANCHI	KANKE	HUNDUR	835217	8674812474	898010581928
76	BASANTI DEVI	SURESH MAHTO	Female	BC-I	Hundur	JHARKHAND	RANCHI	KANKE	HUNDUR	835217	9570103165	369438911289
77	KRISHNA SINGH	PRAHLAD SINGH	Male	BC-I	Haldama	JHARKHAND	RANCHI	KANKE	HALDAMA	835217	9934179688	261254211055
78	LAXMAN ORAON	MANGRA ORAON	Male	ST	Haldama	JHARKHAND	RANCHI	KANKE	HALDAMA	835217	9835899098	411251120188
79	SONI DEVI	PREM PAHAN	Female	ST	Haldama	JHARKHAND	RANCHI	KANKE	HALDAMA	835217	7004233732	383268141775
80	MAHAVIR ORAON	MANGRA ORAON	Male	ST	Haldama	JHARKHAND	RANCHI	KANKE	HALDAMA	835217	7677659010	647017161459
81	TULESHWAR ORAON	MADAN ORAON	Male	ST	Haldama	JHARKHAND	RANCHI	KANKE	HALDAMA	835217	7644034453	718631889509
82	DASHRATH ORAON	BIRSA ORAON	Male	ST	Haldama	JHARKHAND	RANCHI	KANKE	HALDAMA	835217	8674847988	889247056730
83	ETWA ORAON	DHUNWA ORAON	Male	ST	Haldama	JHARKHAND	RANCHI	KANKE	HALDAMA	835217		484185784691
84	PRAKASH ORAON	MAHADEV ORAON	Male	ST	Haldama	JHARKHAND	RANCHI	KANKE	HALDAMA	835217	9934175107	625426831722
85	MANTU ORAON	CHHEDI ORAON	Male	ST	Haldama	JHARKHAND	RANCHI	KANKE	HALDAMA	835217	9798612382	909874043367
86	PREMCHAND ORAON	DHUNWA ORAON	Male	ST	Haldama	JHARKHAND	RANCHI	KANKE	HALDAMA	835217	7479729081	884056408437
87	PANKAJ ORAON	DUTIYA ORAON	Male	ST	Haldama	JHARKHAND	RANCHI	KANKE	HALDAMA	835217	9939275649	754869408675
88	TULESHWAR SINGH	ANAND SINGH	Male	BC-I	Haldama	JHARKHAND	RANCHI	KANKE	HALDAMA	835217		696293096369
89	SANOJ MAHTO	RAJENDRA MAHTO	Male	BC-I	Chari	JHARKHAND	RANCHI	KANKE	CHARI	835217	9709197536	477495988081

Beneficiaries under CFLD Mustard - 2023-24												
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90	SIKENDRA MAHTO	ANAND MAHTO	Male	BC-I	Chari	JHARKHAND	RANCHI	KANKE	CHARI	835217	9308784120	689620009018
91	MAHESH MAHTO	SAWNA MAHTO	Male	BC-I	Chari	JHARKHAND	RANCHI	KANKE	CHARI	835217	9771589709	284884002195
92	RAMESH PAHAN	KAILU PAHAN	Male	ST	Chari	JHARKHAND	RANCHI	KANKE	CHARI	835217	7631113729	306738750743
93	ANITA DEVI	JAGESHWAR MAHTO	Female	BC-I	Chari	JHARKHAND	RANCHI	KANKE	CHARI	835217	9508221355	954515140228
94	SAVITRI DEVI	DEEPAK MAHTO	Female	BC-I	Chari	JHARKHAND	RANCHI	KANKE	CHARI	835217	7858911313	375062988915
95	KOLA DEVI	RAMLAL MAHTO	Female	BC-I	Chari	JHARKHAND	RANCHI	KANKE	CHARI	835217	9709285232	779885334971

Beneficiaries under CFLD Niger - 2023-24												
Sl	**Full Name**	**Father Name**	**Gender**	**Caste**	**Address**	**State**	**District**	**Block**	**Village**	**PIN**	**Mobile**	**Aadhaar**
1	SAHDEV LOHRA	BHODAR LOHRA	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	SAKARPUR	835202	7261804834	722724049162
2	GOYANDA ORAON	LENGTA ORAON	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234	6202810465	796967058762
3	TEMBA ORAON	BIRSA ORAON	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234	8102405370	988102224229
4	SOMARI KUJUR	CHARWA KUJUR	Female	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234	7321030036	320119435626
5	ETWA BHAGAT	LT. BISUN BHAGAT	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		263043221763
6	POTMA ORAON	MAHADEV ORAON	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		667935944174
7	CHERGA ORAON	LT. DHOMA ORAON	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		478329524666
8	GAURI ORAON	KUJA ORAON	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		585980667378
9	SANJAY KUMAR	GUJRU ORAON	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		846677854131
10	RAMESH LOHRA	LT. PHEKU LOHRA	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		631242569362
11	CHHENO ORAON	JITIYA ORAON	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		993906833512
12	BANDHU ORAON	LT. RAMA ORAON	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		735677543091
13	KARTIK ORAON	LT. TADUWA ORAON	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		834460427282
14	LAGO ORAON	LT. TADUWA ORAON	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		638493455637
15	BISU SWANSI	BHAGI SWANSI	Male	BC-I	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		659121672057
16	GOURI DEVI	LT. SUKRA LOHRA	Female	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		352216159535
17	MANGRI DEVI	LADHU LOHRA	Female	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		872316438712
18	KUSHWA ORAON	LT. BANDNA ORAON	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		851071696156
19	SUKRA ORAON	LT. MAHADEV ORAON	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		856285933570
20	JAYKANT ORAON	SHRI LUDRU ORAON	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		635649242366

Beneficiaries under CFLD Niger - 2023-24												
Sl	**Full Name**	**Father Name**	**Gender**	**Caste**	**Address**	**State**	**District**	**Block**	**Village**	**PIN**	**Mobile**	**Aadhaar**
21	RANJIT ORAON	RATANU ORAON	Male	BC-II	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		760944925469
22	DHANRAJ ORAON	HARUN ORAON	Male	BC-II	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		767184565168
23	KARMA ORAON	BHURAWA ORAON	Male	BC-II	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		944396705701
24	VIJALA ORAON	RAMA ORAON	Male	BC-II	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		784203624753
25	BUDHARAM ORAON	TERAWA ORAON	Male	BC-II	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		999999000000

Beneficiaries under CFLD Pigeon Pea - 2023-24												
Sl	**Full Name**	**Father Name**	**Gender**	**Caste**	**Address**	**State**	**District**	**Block**	**Village**	**PIN**	**Mobile**	**Aadhaar**
1	SUMITRA BEDIYA	(W/O) SOMRA BEDI	Female	ST	khakhsitoli	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103	7489515722	869614407302
2	BAUDA BEDIYA	SABRAN BEDIYA	Male	ST	khakhsitoli	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103	6204968012	447940564590
3	MUKESH MUNDA	LATE BALESHWAR M	Male	ST	khakhsitoli	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103	7979018601	225535113928
4	RITA DEVI	(W/O) NARAYAN BE	Female	ST	khakhsitoli	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103	7250205669	567356422448
5	SOMRA BEDIYA	MOTHWA BEDIYA	Male	ST	KHAKSI TOLI	JHARKHAND	RANCHI	ANGARA	NAVAGADHSOSO	835103	9508081869	947940136068
6	SOHGI DEVI	JATRU BEDIA	Male	ST	Kharsawan	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103		984660676920
7	BIDAMBAR BEDIYA	RAMSHU BEDIA	Male	ST	Kharsawan	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103	6201269140	503602069906
8	SHANICHARWA BE	SOHRAIYA BEDIA	Male	ST	Kharsawan	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103		934349739540
9	MAHADEV BEDIA	TULSI BEDIA	Male	ST	Kharsawan	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103		988481095900
10	SUKHDEV MUNDA	KAILA MUNDA	Male	ST	KHAKSHITOLI	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103		742551228498
11	DASHRATH PAHAN	LATE SHIVCHARAN P	Male	ST	BURMU	JHARKHAND	RANCHI	BURMU	BURMU	835105	9113150351	529948517507
12	NAGESHWAR BEDI	MAHJU BEDIYA	Male	ST	KHAKSHITOLI	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103		381632183164
13	HARIHAR BEDIYA	BIRSAI BEDIYA	Male	ST	khakhsitoli	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103		676730693345
14	RANJIT BEDIYA	BRIJLAL BEDIYA	Male	ST	khakhsitoli	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103		971008691837
15	GOPAL BEDIYA	JALDEV BEDIYA	Male	ST	khakhsitoli	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103		471546674797
16	BIRENDRA BEDIYA	AGHANU BEDIYA	Male	ST	khaksitoli	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103		417090511431
17	MANOJ BEDIYA	JAGATPAL BEDIYA	Male	ST	khaksitoli	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103		759734847621
18	KRISHNA LOHRA	BUDHU LOHRA	Male	ST	Pola, Lapung	JHARKHAND	RANCHI	LAPUNG	POLA	835202	6203573487	510978174907
19	GHASIRAM BEDIYA	BUDHRAM BEDIYA	Male	ST	Bandhuwadhih	JHARKHAND	RANCHI	ANGARA	TATI	835103	9608434877	533602250944
20	CHAMPU ORAIN	TEMBA ORAON	Female	ST	Tilayi, Lapung	JHARKHAND	RANCHI	LAPUNG	TILAI	835202	6204571991	868527841166
21	SUKRO ORAIN	DHUCHU ORAON	Female	ST	Tilayi, Lapung	JHARKHAND	RANCHI	LAPUNG	TILAI	835202		820883737344
22	DOMA ORAON	TULSI ORAON	Male	ST	Tilayi, Lapung	JHARKHAND	RANCHI	LAPUNG	TILAI	835202	7061608221	909964469428
23	BIJAY BEDIA	SAHDEV BEDIYA	Male	ST	khakhsitoli	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103	6200967066	818217909737
24	SUKUA BEDIA	MADHU BEDIYA	Male	ST	khakhsitoli	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103	9905096339	890384502736
25	SHANKAR MAHTO	VISHWANATH MAH	Male	BC-II	KHARKUTOLI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205	8877081657	785351698481
26	DHANESWAR MAH	RAMKISHUNA MAH	Male	BC-II	KHARKUTOLI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205		944760785040
27	AJAY MAHTO	MAHABIR MAHTO	Male	BC-II	KHARKUTOLI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205		356140626407
28	FALINDRA MAHTO	UDAYNATH MAHTO	Male	BC-II	KHARKUTOLI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205		863233716699
29	JALESWAR MAHTO	BIGAL MAHTO	Male	BC-II	KHARKUTOLI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205		863952662162
30	KADIRI ANSARI	NURUDDIN ANSARI	Male	BC-II	KHARKUTOLI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205		494127490509
31	CHOTAN MAHTO	MUKUND MAHTO	Male	BC-II	KHARKUTOLI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205		680426066828
32	RAMCHANDRA MA	MOKA MAHTO	Male	BC-II	KHARKUTOLI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205		818269804803
33	RAJENDRA MAHTO	JAGLAL MAHTO	Male	BC-II	KHARKUTOLI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205		883887239231
34	RAMESHWAR MAH	VIGAL MAHTO	Male	BC-II	KHARKUTOLI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205		283847062164
35	VIRENDRA KUMAR	MEGHNATH MAHTO	Male	BC-II	KHARKUTOLI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205		460271728727

Beneficiaries under CFLD Pigeon Pea - 2023-24												
Sl	**Full Name**	**Father Name**	**Gender**	**Caste**	**Address**	**State**	**District**	**Block**	**Village**	**PIN**	**Mobile**	**Aadhaar**
36	AAMIR ANSARI	JUMAN ANSARI	Male	BC-II	KHARKUTOLI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205		635666353436
37	DHERAJU MAHTO	HAVADA MAHTO	Male	BC-II	KHARKUTOLI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205		690924945182
38	NARAYAN MAHTO	BUTAN MAHTO	Male	BC-II	KHARKUTOLI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205		325591276015
39	PARSANATH BEDIY	JUGNU BEDIYA	Male	ST	BHANDHYADIH	JHARKHAND	RANCHI	ANGARA	SURSU	835102	9798441676	708312050898
40	BHARATRAM BEDI	CHAUDHARY BEDIYA	Male	ST	Bandhuadih	JHARKHAND	RANCHI	ANGARA	SURSU	835102	6202934367	866192269196
41	SADANAND BEDIYA	PEHLU BEDIYA	Male	ST	Bandhuadih	JHARKHAND	RANCHI	ANGARA	SURSU	835102	6205493709	371032004246
42	BHADRA BEDIYA	PANDU BEDIYA	Male	ST	Bandhuadih	JHARKHAND	RANCHI	ANGARA	SURSU	835102		385284320731
43	CHANDRAMOHAN	JAGESHWAR BEDIYA	Male	ST	Bandhuadih	JHARKHAND	RANCHI	ANGARA	SURSU	835102	6205087039	849567930978
44	ADHANI DEVI	VINOD BEDIYA	Female	ST	Bandhuadih	JHARKHAND	RANCHI	ANGARA	SURSU	835102	9031565705	595027649737
45	BALESHWAR BEDIY	MONA BEDIYA	Male	ST	Bandhuadih	JHARKHAND	RANCHI	ANGARA	SURSU	835105		430663868068
46	VIRWA ORAON	HAJRI ORAON	Male	ST	TALAI	JHARKHAND	RANCHI	LAPUNG	TILAI	835202	9325502841	767352417101
47	DILIP MAHALI	SOMRA MAHALI	Male	ST	TALAI	JHARKHAND	RANCHI	LAPUNG	TILAI	835202	9821235441	420779566872
48	ROSANI KUMARI	TAMBA ORAON	Female	ST	TALAI	JHARKHAND	RANCHI	LAPUNG	TILAI	835202	6200671991	615356658966
49	SUNITA KUMARI	GOBARA ORAON	Female	ST	TALAI	JHARKHAND	RANCHI	LAPUNG	TILAI	835202	6200551906	998104802330
50	MAJU LAKRA	REYA ORAON	Female	ST	TALAI	JHARKHAND	RANCHI	LAPUNG	TILAI	835202	9162212057	227319391144
51	DHARAMDAS ORA	GANDARA ORAON	Male	ST	TALAI	JHARKHAND	RANCHI	LAPUNG	TILAI	835202	6299502557	652610650385
52	INDRA ORAON	MANSA ORAON	Male	ST	TALAI	JHARKHAND	RANCHI	LAPUNG	TILAI	835202	9142320571	644663787139
53	DHANESWAR MAH	GOPAL MAHTO	Male	BC-II	KHARKUTOLI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205		672276002249
54	BHUNESHWAR MA	PHEKURAM MAHTO	Male	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	8709668221	634883585241
55	DHANANJAY AHIR	LT. UDAY AHIR	Male	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	9430338935	585494179015
56	BHUNESHWAR AHI	LABHDHAN AHIR	Male	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	7870090316	294256702589
57	GIRIDHARI AHIR	LT. RIDAM AHIR	Male	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	9304624034	742003877423
58	SUSHILA DEVI	GOURCHAND YADAV	Female	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	9065950626	370882811785
59	SHALU DEVI	GUNDHAR MAHTO	Female	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	7004291079	529816479245
60	SARASWATI DEVI	KHETMOHAN MUND	Female	ST	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	8252763403	658704575965
61	KHIRAWATI DEVI	SUBODH YADAV	Female	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204		212010434173
62	MINA DEVI	SRISHTIDHAR MAHT	Female	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	7070363866	521852475779
63	SHAKUNTALA DEVI	LAXMIKANT AHIR	Female	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204		934883354580
64	JAYSHWARI DEVI	SHYAMLAL AHIR	Female	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	9905993780	900861455783
65	PRAMILA DEVI	JITLAL AHIR	Female	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	9905993780	888299928069
66	RANGLAL AHIR	LT. SUKWA AHIR	Male	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	6203840173	208859890458
67	RASOWATI DEVI	RADHA NATH YADAV	Female	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	7766956973	738500196431
68	YASHOMATI DEVI	CHANDRA MOHAN M	Female	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204		414888338771
69	ANITA DEVI	BHAJOHARI MAHTO	Female	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	9835672674	525291259135
70	MITHILA DEVI	LAL MAHTO	Female	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	7366092690	374498147490

Beneficiaries under CFLD Pigeon Pea - 2023-24												
Sl	**Full Name**	**Father Name**	**Gender**	**Caste**	**Address**	**State**	**District**	**Block**	**Village**	**PIN**	**Mobile**	**Aadhaar**
71	BHAWANI DEVI	PRAMESHWAR HAH	Female	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	7319740567	285752764540
72	NIRMAL MAHTO	TIRATU MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205	7061109415	706110941599
73	SUNIL KUMAR MA	SURESH MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		748848799799
74	RAJENDRA MAHTO	KHI MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		620323321711
75	LALITA MAHTO	TIRATU MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		499418210003
76	RAJESH MAHTO	MALUK MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		983525451811
77	NANKU MAHTO	KOYALA MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		499410100052
78	MANGARA ORAON	BIRSA ORAON	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		492410100005
79	SHANKAR MAHTO	BITAN MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		993959704699
80	MAHADEV ORAON	CHANDA ORAON	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		805110830199
81	RAHUL KUMAR MA	JAGESWAR MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		492300049240
82	LAGAMANI DEVI	SOHARAI MAHTO	Female	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		915338837899
83	NIRASO DEVI	DHARMNATH MAHT	Female	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		706127126399
84	MADAN MAHTO	BIDESI MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		999999999999
85	UMESH MAHTO	PHEKAN MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		492410110004
86	PUJA DEVI	MUKESH KUMAR MA	Female	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		896925470899
87	BIRU MAHTO	SAHADEV MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		829245766299
88	BAAJO MAHTO	ESHVAR MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		980162741799
89	RAMGOVIND MAH	KUDARNATH MAHT	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		492410100039
90	DHANRAJ MAHTO	MANINATH MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		882539625499
91	LILAWATI DEVI	RAVENDRA MAHTO	Female	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		957009064699
92	SANJU DEVI	AJAY MAHTO	Female	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		763104213799
93	SOLO DEVI	KRISHNA MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		620717191799
94	SHEELA DEVI	BINDRESWAR MAHT	Female	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		754290420399
95	RAHUL KUMAR MA	ARUN MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		840593554599
96	PYAARLAL MAHTO	KHIJU MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		979896681119
97	SARASWATI DEVI	GABESHWAR MAHT	Female	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		990543335059
98	JHALAKO DEVI	JAGESWAR MAHTO	Female	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		764609137299
99	KALASHNATH MAH	MAHINDAR MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		919918193799
100	MUKESH MAHTO	PHEKAN MAHTO	Male	BC-I	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		276201100853
101	KALI MAHTO	TIRTU MAHTO	Male	BC-I	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205	8809790962	492410100008
102	BIRJU MAHTO	BIGAL MAHTO	Male	BC-I	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205	7488437026	748843702654
103	MAINA DEVI	CHARKU MAHTO	Female	BC-I	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205	8863095040	886309504025
104	NIRJA DEVI	RAJENDRA MAHTO	Female	BC-I	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205	9709135597	970913559745
105	SUNITA DEVI	TIRTHNATH	Female	BC-I	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205	8757322596	875732259685

Beneficiaries under CFLD Pigeon Pea - 2023-24												
Sl	**Full Name**	**Father Name**	**Gender**	**Caste**	**Address**	**State**	**District**	**Block**	**Village**	**PIN**	**Mobile**	**Aadhaar**
106	JALESHWAR MAHT	BINDESHWAR MAHT	Male	BC-I	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205	7782929829	778292982999
107	MANOJ MAHTO	KASINATH MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205	7903513021	790351302199
108	SABITA DEVI	SANJAY MAHTO	Female	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205	9546001263	954600126399
109	PUSHNI DEVI	JITRU	Female	ST	OJHA SARAM	JHARKHAND	RANCHI	BURMU	MUNA	835214	9572010912	957201091299
110	RAMNI DEVI	MADHU YADAV	Female	BC-II	OJHA SARAM	JHARKHAND	RANCHI	BURMU	MUNA	835214	6235231091	623523109169
111	MADHU YADAV	CHANDO YADAV	Male	BC-II	OJHA SARAM	JHARKHAND	RANCHI	BURMU	MUNA	835214	7250267699	725026769999
112	RAVI MAHTO	SONALAL MAHTO	Male	BC-II	HESALPARI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205	9798329073	979832907399
113	LALITA DEVI	PRAMOD LOHRA	Female	ST	HESALPARI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205	8521453458	852145345899
114	JAGNI DEVI	KHASTALAL MAHTO	Female	BC-II	HESALPARI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205	8092456368	809245636899
115	RAJESH MAHTO	FULESWAR MAHTO	Male	BC-II	HESALPARI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205	6204726541	620472654199
116	SACHANDRA MAHT	UDAYNATH MAHTO	Male	BC-II	HESALPARI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205	8789471388	878947138899
117	FULMANI DEVI	BABULU MAHTO	Female	BC-II	HESALPARI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205	9162119199	916211919999
118	KAMESWAR MAHT	NAND KISHORE MAH	Male	BC-II	HESALPARI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205	9534769100	953476910099
119	ANIL MAHTO	RAM SUNDAR MAHT	Male	BC-II	HESALPARI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205	7050310605	705031060599
120	MAHESH MAHTO	GOPAL MAHTO	Male	BC-II	HESALPARI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205	9576209617	957620961799
121	ROUPLALA YADAV	RAMDEV YADAV	Male	BC-II	Munna	JHARKHAND	RANCHI	BURMU	MUNA	835205	9110107153	911010715399
122	GITA DEVI	BALRAM KUMAR YA	Female	BC-II	Munna	JHARKHAND	RANCHI	BURMU	MUNA	835205	7250739912	725073991299
123	BALRAM KUMAR Y	CHANDO YADAV	Male	BC-I	Munna	JHARKHAND	RANCHI	BURMU	MUNA	835214	7250139912	725013991299
124	RAMESH YADAV	CHADO YADAV	Male	BC-I	Munna	JHARKHAND	RANCHI	BURMU	MUNA	835214	8994391171	899439117199
125	MANOJ KUMAR YA	CHADO YADAV	Male	BC-I	Munna	JHARKHAND	RANCHI	BURMU	MUNA	835214	8757708540	875770854099
126	RAMDEV YADAV	CHADO YADAV	Male	BC-I	Munna	JHARKHAND	RANCHI	BURMU	MUNA	835214	9798623323	979862332399
127	KARI DEVI	SURESH YADAV	Female	BC-I	Munna	JHARKHAND	RANCHI	BURMU	MUNA	835214	9661279112	966127911299
128	ETWARIYA DEVI	LT. BAIJU GANJHU	Female	ST	Munna	JHARKHAND	RANCHI	BURMU	MUNA	835214	9798623523	979862352399
129	SUNITA KUMARI	BISHWANANTH GAN	Female	ST	Munna	JHARKHAND	RANCHI	BURMU	MUNA	835214	9206204425	920620442599
130	MOHARA GANJU	KHAROTA GANJU	Male	BC-II	Munna	JHARKHAND	RANCHI	BURMU	MUNA	835205	9939501582	993950158299
131	SURESH GANJHU	CHARA GANJHU	Male	ST	Munna	JHARKHAND	RANCHI	BURMU	MUNA	835214	6202346225	620234622599
132	JAMUNA GANJHU	LT. BHARAT GANJHU	Male	ST	Munna	JHARKHAND	RANCHI	BURMU	MUNA	835214	7739116421	773911642199
133	CHADO YADAV	LT. HIRA YADAV	Male	BC-I	Munna	JHARKHAND	RANCHI	BURMU	MUNA	835214	7250267684	725026768499
134	AJALA LEL	ABI AHMED ANSARI	Female	BC-II	CHAKME	JHARKHAND	RANCHI	BURMU	MATWE	834001	7352998005	735299800599
135	SUKRA ORAON	LT. ETWA ORAON	Male	ST	Murum	JHARKHAND	RANCHI	BURMU	MURUMGARA	835214	7488379128	748837912899
136	JAGARNATH ORAO	LT. PANCHU ORAON	Male	ST	Murum	JHARKHAND	RANCHI	BURMU	MURUMGARA	835214	6204931480	620493148099
137	BARGI ORAON	BARTU ORAON	Male	ST	Murum	JHARKHAND	RANCHI	BURMU	MURUMGARA	835214		248100008777
138	RUPESH ORAON	LT. PANCHU ORAON	Male	ST	Murum	JHARKHAND	RANCHI	BURMU	MURUMGARA	835214	6207081448	620708144899
139	GENDWA BHAGAT	LT. SUKRA ORAON	Male	ST	Murum	JHARKHAND	RANCHI	BURMU	MURUMGARA	835214	7979036515	797903651599
140	BIRSA ORAON	LT. JAWRA ORAON	Male	ST	Murum	JHARKHAND	RANCHI	BURMU	MURUMGARA	835214	6200029856	620002985699

Beneficiaries under CFLD Pigeon Pea - 2023-24												
Sl	**Full Name**	**Father Name**	**Gender**	**Caste**	**Address**	**State**	**District**	**Block**	**Village**	**PIN**	**Mobile**	**Aadhaar**
141	RAMDEV ORSON	MAHADEV ORAON	Male	ST	Murum	JHARKHAND	RANCHI	BURMU	MURUMGARA	835214	7366881208	736688120899
142	CHUMNU ORAON	LT. BUDHUWA ORA	Male	ST	Murum	JHARKHAND	RANCHI	BURMU	MURUMGARA	835214		620110051030
143	ASHOK MUNDA	BAGRU MUNDA	Male	ST	Gurgai	JHARKHAND	RANCHI	BURMU	GURGAIN	835214	9939374667	993937466799
144	RAJU MUNDA	PRAYAG MUNDA	Male	ST	Gurgai	JHARKHAND	RANCHI	BURMU	GURGAIN	835214	8294195152	829419515299
145	NOUSAD AHMAT	NEJAMUDDIN ANSA	Male	BC-I	Gurgai	JHARKHAND	RANCHI	BURMU	MOHANPUR	835214	6207272191	620727219199
146	AKHTAR ANSARI	EHSAN ANSARI	Male	BC-I	Gurgai	JHARKHAND	RANCHI	BURMU	MOHANPUR	835214	9534107186	953410718699
147	RAUP ANSARI	LT. CHHEDI ANSARI	Male	BC-I	Matwe	JHARKHAND	RANCHI	BURMU	BURMU	835214	9546703084	954670308499
148	MANOUNWAR JAH	AJIJUBH ANSARI	Male	BC-I	Matwe	JHARKHAND	RANCHI	BURMU	BURMU	835214	9470508159	947050815999
149	RAHIMAN KHATUN	HADIS ANSARI	Female	BC-I	Matwe	JHARKHAND	RANCHI	BURMU	BURMU	835214	9693486983	969348698399
150	HASIWA KHATOON	ABDUL WAHID ANSA	Female	BC-I	Matwe	JHARKHAND	RANCHI	BURMU	BURMU	835214	6202104536	620210453699
151	TASLIM ANSARI	LT. ISRAIL ANSARI	Male	BC-I	Matwe	JHARKHAND	RANCHI	BURMU	BURMU	835214	7856814431	785681443199

Beneficiaries under CFLD Seasame - 2023-24												
Sl	**Full Name**	**Father Name**	**Gender**	**Caste**	**Address**	**State**	**District**	**Block**	**Village**	**PIN**	**Mobile**	**Aadhaar**
1	SITA DEVI	SURESH MAHTO	Female	BC-II	Sirka Medhetungri	JHARKHAND	RANCHI	ANGARA	SIRKA	835103	9110957661	646783123517
2	BHUNESHWAR MAHTO	PHEKURAM MAHTO	Male	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	8709668221	634883585241
3	DHANANJAY AHIR	LT. UDAY AHIR	Male	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	9430338935	585494179015
4	BUDHU MAHTO PRAMANIK	LT. MOHANA MAHTO	Male	BC-I	Sirka Medhetungri	JHARKHAND	RANCHI	ANGARA	SIRKA	835103	9576396039	489121825092
5	RAJO DEVI	LT. MANJEET MAHTO	Female	BC-I	Sirka Medhetungri	JHARKHAND	RANCHI	ANGARA	SIRKA	835103	9110957661	225813547359
6	RAJENDRA MAHTO	LT. JAGDISH MAHTO	Male	BC-I	Sirka Medhetungri	JHARKHAND	RANCHI	ANGARA	SIRKA	835103	9123223674	963983424351
7	BAIJNATH MAHTO	JAGDISH MAHTO	Male	BC-I	Sirka Medhetungri	JHARKHAND	RANCHI	ANGARA	SIRKA	835103	9123223674	214924594191
8	SWATI KUMARI	RAJENDRA MAHTO	Female	BC-I	Sirka Medhetungri	JHARKHAND	RANCHI	ANGARA	SIRKA	835103	9304315447	722149600938
9	SARLA DEVI	JAGDISH MAHTO	Female	BC-I	Sirka Medhetungri	JHARKHAND	RANCHI	ANGARA	SIRKA	835103	9304315447	241885503877
10	RAJIV MAHTO	JAGU MAHTO	Male	BC-I	Sirka Medhetungri	JHARKHAND	RANCHI	ANGARA	SIRKA	835103	9110957661	695752487872
11	BINOD MAHTO	MANESHWAR MAHTO	Male	BC-I	Sirka Medhetungri	JHARKHAND	RANCHI	ANGARA	SIRKA	835103	9123223674	330963923985

Beneficiaries under CFLD Soyabean - 2023-24												
Sl	**Full Name**	**Father Name**	**Gender**	**Caste**	**Address**	**State**	**District**	**Block**	**Village**	**PIN**	**Mobile**	**Aadhaar**
1	BHUNESHWAR MAHTO	PHEKURAM MAHTO	Male	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	8709668221	634883585241
2	DHANANJAY AHIR	LT. UDAY AHIR	Male	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	9430338935	585494179015
3	BHUNESHWAR AHIR	LABHDHAN AHIR	Male	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	7870090316	294256702589
4	SARASWATI DEVI	KHETMOHAN MUNDA	Female	ST	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	8252763403	658704575965
5	BHAWANI DEVI	PRAMESHWAR HAHIR	Female	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	7319740567	285752764540
6	MUCHIRAM MAHTO	NIRANJAN MAHTO	Male	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204		306212010941
7	RAJENDRA MAHTO	RAMESWAR MAHTO	Male	BC-II	Simalbera	JHARKHAND	RANCHI	KANKE	RAHARA	834006	8809083836	443278504681
8	SUNITA DEVI	VIJAY MAHTO	Female	BC-II	Simalbera	JHARKHAND	RANCHI	KANKE	RAHARA	834006	8987791428	501511612957
9	SONAMANI DEVI	JALESWAR MAHTO	Female	BC-II	Simalbera	JHARKHAND	RANCHI	KANKE	RAHARA	834006	9162061640	397729381862
10	CHAKHO DEVI	BALESWAR MAHTO	Female	BC-II	Simalbera	JHARKHAND	RANCHI	KANKE	RAHARA	834006	7061780883	284003626294
11	SURESH MAHTO	RAMNATH MAHTO	Male	BC-II	Simalbera	JHARKHAND	RANCHI	KANKE	RAHARA	834006	8252147229	734141859647
12	RAMJEET MAHTO	VINOD MAHTO	Male	BC-II	Simalbera	JHARKHAND	RANCHI	KANKE	RAHARA	834006	9798276048	637348787623
13	VIRENDRA MAHTO	SAHAJU MAHTO	Male	BC-II	Simalbera	JHARKHAND	RANCHI	KANKE	RAHARA	834006	7979805546	636391948844
14	LALAKU MAHTO	TULSI MAHTO	Male	BC-II	Simalbera	JHARKHAND	RANCHI	KANKE	RAHARA	834006		826894199176
15	REEJHAN DEVI	RAMESWAR MAHTO	Female	BC-II	Simalbera	JHARKHAND	RANCHI	KANKE	RAHARA	834006	8580339030	535410563844
16	RAMNATH MAHTO	JHUVAR MAHTO	Male	BC-II	Simalbera	JHARKHAND	RANCHI	KANKE	RAHARA	834006	9199585258	388006960194

Beneficiaries under CFLD Soyabean - 2023-24												
Sl	**Full Name**	**Father Name**	**Gender**	**Caste**	**Address**	**State**	**District**	**Block**	**Village**	**PIN**	**Mobile**	**Aadhaar**
1	AKHILESH KUMAR	SAHAJNATH MAHTO	Male	BC-II	lawagara	JHARKHAND	RANCHI	BURMU	LAWAGARA	835214		460149160896
2	KAMESHWAR MAHTO	PRAYAG MAHTO	Male	BC-II	lawagara	JHARKHAND	RANCHI	BURMU	LAWAGARA	835214		854260448857
3	MUKESH KUMAR MAHTO	HARILAL MAHTO	Male	BC-II	lawagara	JHARKHAND	RANCHI	BURMU	LAWAGARA	825214		831463561099
4	SAHDEV LOHRA	BHODAR LOHRA	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	SAKARPUR	835202	7261804834	722724049162
5	GOYANDA ORAON	LENGTA ORAON	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234	6202810465	796967058762
6	TEMBA ORAON	BIRSA ORAON	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234	8102405370	988102224229
7	ETWA BHAGAT	BISHON BHAGAT	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234	6206301741	263048221763
8	LALESWAR MAHTO	KRISHNA MAHTO	Male	BC-II	KHARKUTOLI	JHARKHAND	RANCHI	BURMU	HESALPIRI	835205		741649402575
9	BHUNESHWAR MAHTO	PHEKURAM MAHTO	Male	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	8709668221	634883585241
10	DHANANJAY AHIR	LT. UDAY AHIR	Male	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	9430338935	585494179015
11	POTMA ORAON	MAHADEV ORAON	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		667935944174
12	CHERGA ORAON	LT. DHOMA ORAON	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		478329524666
13	GAURI ORAON	KUJA ORAON	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		585980667378
14	SANJAY KUMAR	GUJRU ORAON	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		846677854131
15	RAMESH LOHRA	LT. PHEKU LOHRA	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		631242569362
16	CHHENO ORAON	JITIYA ORAON	Male	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		993906833512
17	SURESH MSHTO	RAMESHWAR MAHTO	Male	BC-I	Lawagara	JHARKHAND	RANCHI	BURMU	LAWAGARA	835214	8709892103	337544767877
18	BHUNESHWAR AHIR	LABHDHAN AHIR	Male	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	7870090316	294256702589
19	GIRIDHARI AHIR	LT. RIDAM AHIR	Male	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	9304624034	742003877423
20	SHALU DEVI	GUNDHAR MAHTO	Female	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	7004291079	529816479245
21	RANGLAL AHIR	LT. SUKWA AHIR	Male	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	6203840173	208859890458

Beneficiaries under CFLD Soyabean - 2023-24												
Sl	**Full Name**	**Father Name**	**Gender**	**Caste**	**Address**	**State**	**District**	**Block**	**Village**	**PIN**	**Mobile**	**Aadhaar**
22	YASHOMATI DEVI	CHANDRA MOHAN MAHTO	Female	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204		414888338771
23	ANITA DEVI	BHAJOHARI MAHTO	Female	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204	9835672674	525291259135
24	GOURI DEVI	LT. SUKRA LOHRA	Female	ST	Jhiki	JHARKHAND	RANCHI	LAPUNG	JHIKI	835234		352216159535
25	MUCHIRAM MAHTO	NIRANJAN MAHTO	Male	BC-I	Chutrudih	JHARKHAND	RANCHI	RAHE	LOWAHATU	835204		306212010941

Beneficiaries under CFLD Black Gram - 2023-24												
Sl	**Full Name**	**Father Name**	**Gender**	**Caste**	**Address**	**State**	**District**	**Block**	**Village**	**PIN**	**Mobile**	**Aadhaar**
1	DIPENDRA BEDIYA	DHANESHWAR BEDIYA	Male	ST	KHAKSHITOLI	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103	6205922405	219642070360
2	MAHADEV BEDIA	TULSI BEDIA	Male	ST	Kharsawan	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103		988481095900
3	CHAITA MUNDA	CHARKA MUNDA	Male	ST	KHAKSHITOLI	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103	6383140524	972468229621
4	NILAM DEVI	RAMU BEDIYA	Female	ST	khaksitoli	JHARKHAND	RANCHI	ANGARA	NAWAGARH	835103		465384907956
5	GOVIND BEDIYA	PUSHTAM BEDIYA	Male	ST	Bandhuwadih	JHARKHAND	RANCHI	ANGARA	SURSU	835103	6206781297	824263092633
6	MAHENDRA BEDIYA	AHLAD BEDIYA	Male	ST	Bandhuwadih	JHARKHAND	RANCHI	ANGARA	SURSU	835103	6305439780	871125763558
7	RAMANAND BEDIYA	NARESH BEDIYA	Male	ST	Bandhuwadih	JHARKHAND	RANCHI	ANGARA	SURSU	835103	6205433692	555697431514
8	BIRJU BEDIYA	POCHA BEDIYA	Male	ST	Bandhuwadih	JHARKHAND	RANCHI	ANGARA	SURSU	835103	9508925650	346155768653
9	URMILA DEVI	RAJKUMAR BEDIYA	Female	ST	Bandhuwadih	JHARKHAND	RANCHI	ANGARA	SURSU	835103	9510404118	981369337173
10	BASANTI DEVI	DURGACHARAN BEDIYA	Female	ST	Bandhuwadih	JHARKHAND	RANCHI	ANGARA	SURSU	835103	9334830568	470161249687
11	RAMESH BEDIYA	RAGHU BEDIYA	Male	ST	Bandhuwadih	JHARKHAND	RANCHI	ANGARA	SURSU	835103	6204625878	496115922026
12	BALMATI DEVI	SADANAND BEDIYA	Female	ST	Bandhuwadih	JHARKHAND	RANCHI	ANGARA	SURSU	835103	8986739675	842152292341
13	MOHAN BEDIYA	JAGRAN BEDIYA	Male	ST	Bandhuwadih	JHARKHAND	RANCHI	ANGARA	SURSU	835103	6200936906	383009663389
14	SHOBHA BEDIYA	KHEDUWA BEDIYA	Female	ST	Bandhuwadih	JHARKHAND	RANCHI	ANGARA	SURSU	835103	6204326253	953552003638
15	NIRMAL MAHTO	TIRATU MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205	7061109415	706110941599
16	SUNIL KUMAR MAHTO	SURESH MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		748848799799
17	RAJENDRA MAHTO	KHI MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		620323321711
18	LALITA MAHTO	TIRATU MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		499418210003
19	RAJESH MAHTO	MALUK MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		983525451811

Beneficiaries under CFLD Black Gram - 2023-24												
Sl	**Full Name**	**Father Name**	**Gender**	**Caste**	**Address**	**State**	**District**	**Block**	**Village**	**PIN**	**Mobile**	**Aadhaar**
20	NANKU MAHTO	KOYALA MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		499410100052
21	BALAK MAHTO	PURUN MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		805118335999
22	MANGARA ORAON	BIRSA ORAON	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		492410100005
23	SHANKAR MAHTO	BITAN MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		993959704699
24	SHALAGI DEVI	DINESH ORAON	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		879776245799
25	MAHADEV ORAON	CHANDA ORAON	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		805110830199
26	RAHUL KUMAR MAHTO	JAGESWAR MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		492300049240
27	LAGAMANI DEVI	SOHARAI MAHTO	Female	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		915338837899
28	NIRASO DEVI	DHARMNATH MAHTO	Female	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		706127126399
29	MADAN MAHTO	BIDESI MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		999999999999
30	UMESH MAHTO	PHEKAN MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		492410110004
31	PUJA DEVI	MUKESH KUMAR MAHTO	Female	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		896925470899
32	BIRU MAHTO	SAHADEV MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		829245766299
33	BAAJO MAHTO	ESHVAR MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		980162741799
34	RAMGOVIND MAHTO	KUDARNATH MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		492410100039
35	DHANRAJ MAHTO	MANINATH MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		882539625499
36	LILAWATI DEVI	RAVENDRA MAHTO	Female	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		957009064699
37	SANJU DEVI	AJAY MAHTO	Female	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		763104213799
38	SOLO DEVI	KRISHNA MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		620717191799

Beneficiaries under CFLD Black Gram - 2023-24												
Sl	**Full Name**	**Father Name**	**Gender**	**Caste**	**Address**	**State**	**District**	**Block**	**Village**	**PIN**	**Mobile**	**Aadhaar**
39	SHEELA DEVI	BINDRESWAR MAHTO	Female	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		754290420399
40	RAMSUNDAR SAHU	DEVPAL SAHU	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		983510806699
41	RAHUL KUMAR MAHTO	ARUN MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		840593554599
42	DASHRATH ORAON	BIRSA ORAON	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		912318635999
43	SURAJNATH MAHTO	RAGHUNATH MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		620363313699
44	PYAARLAL MAHTO	KHIJU MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		979896681119
45	SARASWATI DEVI	GABESHWAR MAHTO	Female	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		990543335059
46	GAURI PAHAN	SURESH PAHAN	Male	ST	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		337710100658
47	CHEDI MAHTO	MAGUTA MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		492410100012
48	MANDIRUN SAHU	BIRAJMOHAN SAHU	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		999999999998
49	PRAMILA DEVI	PHEULESWAR SAHA	Female	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		492418210004
50	JHALAKO DEVI	JAGESWAR MAHTO	Female	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		764609137299
51	KALASHNATH MAHTO	MAHINDAR MAHTO	Male	BC-II	KHAKARA	JHARKHAND	RANCHI	BURMU	KHAKHRA	835205		919918193799

List of Beneficiaries under OFT on Bitter Gourd (Plant Breeding)

S. No.	Name of Farmer	Father's Name	Village	Block	Caste	Gender	Contact No.	Aadhar No.
1.	Sumitra Devi	Dhanesh Bediya	Javabera	Ormanjhi	ST	Female	8809503709	712840489422
2.	Riya Devi	Anand Bediya	Hendebilli	Ormanjhi	ST	Female	9801005805	438555229748
3.	Lilawati Bediya	Motiram Bediya	Hendebilli	Ormanjhi	ST	Female	6207758753	453712199085
4.	Rekha Devi	Ratilal Bediya	Hendebilli	Ormanjhi	ST	Female	6204965794	651322126915
5.	Chamru Bediya	Amrit Bediya	Hendebilli	Ormanjhi	ST	Male	9631463359	377146485921
6.	Rajendra Munda	Nandu Munda	Maheshpur	Angara	ST	Male	7294148712	665328950502
7.	Ravishankar Bediya	Lakshman Bediya	Bisa	Angara	ST	Male	6200914048	294443528485

List of Beneficiaries under OFT on Grafted Tomato (Plant Breeding)

S. No.	Name of Farmer	Father's Name	Village	Block	Caste	Gender	Contact No.	Aadhar No.
1.	Motiram Bediya	Mahangu Bediya	Hendebilli	Ormanjhi	ST	Male	9304708716	470998193573
2.	Dhanesh Bediya	Ancho Bediya	Javabera	Ormanjhi	ST	Male	8809503709	302165138267
3.	Anand Bediya	Bandhan Bediya	Hendebilli	Ormanjhi	ST	Male	9801005805	333372999373
4.	Sanjay Bediya	Rambilas Bediya	Hendebilli	Ormanjhi	ST	Male	7903856102	301967966664
5.	Ratilal Bediya	Mahangu Bediya	Hendebilli	Ormanjhi	ST	Male	6204965794	467984869740
6.	Chotelal Bediya	Mahangu Bediya	Hendebilli	Ormanjhi	ST	Male	6206398354	484472284118
7.	Mahangu Bediya	Lt. Jagarnath Bediya	Hendebilli	Ormanjhi	ST	Male	9939685016	436069904633

List of Beneficiaries under FLD on Paddy var. CR Dhan-320 (Plant Breeding)

S. No.	Name of Farmer	Father's Name	Village	Block	Caste	Gender	Contact No.	Aadhar No.
1.	Ramdhan Gop	Maninath Gop	Tigranayatoli	Ratu	OBC	Male	8084213141	939954090549
2.	Birsa Oraon	Gendwa Oraon	Tigranayatoli	Ratu	ST	Male	9576193103	840793730978
3.	Dilesh Gop	Lakhnu Gop	Tigranayatoli	Ratu	OBC	Male	9204429591	734487004366
4.	Philip Oraon	Biglaha Oraon	Tigranayatoli	Ratu	ST	Male	8521821924	577623604272
5.	Prakash Oraon	Jauru Oraon	Tigranayatoli	Ratu	ST	Male	9102375465	518278514643
6.	Suhail Ansari	Jamahir Ansari	Tigranayatoli	Ratu	OBC	Male	6200592885	201298525136
7.	Balesh Gop	Lakhnu Gop	Tigranayatoli	Ratu	OBC	Male	8210567903	477062046213
8.	Charwa Oraon	Gomeya Oraon	Tigranayatoli	Ratu	ST	Male	7366837168	607766627398
9.	Raju Gop	Durga Gop	Tigranayatoli	Ratu	OBC	Male	8521454854	475303010949
10.	Sukra Oraon	Maga Oraon	Tigranayatoli	Ratu	ST	Male	9934545419	592232225306
11.	Shiva Oraon	Baiju Oraon	Tigranayatoli	Ratu	ST	Male	6202844268	352591420400
12.	Jatru Gop	Lt. Shibu Gop	Tigranayatoli	Ratu	OBC	Male	8002689162	765052132772
13.	Agnu Oraon	Bandhu Oraon	Tigranayatoli	Ratu	ST	Male		202774389331
14.	Ram Tirki	Duda Tirki	Tigranayatoli	Ratu	ST	Male		687285172889
15.	Digambar Mahto	Harnu Mahto	Tigranayatoli	Ratu	OBC	Male	9939926509	470729309722
16.	Aalok Tigga	Bimal Tigga	Tigranayatoli	Ratu	ST	Male	9304075647	512347181636
17.	Suresh Gop		Tigranayatoli	Ratu	OBC	Male		873609525319
18.	Vijay Oraon	Lt. Goya Oraon	Tigranayatoli	Ratu	ST	Male	9905747526	624533670358
19.	Rajesh Oraon	Lt. Manga Oraon	Tigranayatoli	Ratu	ST	Male	9801519834	887947573603

20.	Goyanda Oraon	Lt. Some Oraon	Tigranayatoli	Ratu	ST	Male	8521248766	385717012525
21.	Birsa Oraon	Mangra Oraon	Tigranayatoli	Ratu	ST	Male	7643838206	512106422263
22.	Bablu Oraon	Lt. Soma Oraon	Tigranayatoli	Ratu	ST	Male	7739505488	742384121600
23.	Sunil Oraon	Tulsi Oraon	Tigranayatoli	Ratu	ST	Male	9798436401	730512894158
24.	Amar Oraon	Dashrath Oraon	Tigranayatoli	Ratu	ST	Male		833539092841
25.	Ishu Oraon	Fatuva Oraon	Tigranayatoli	Ratu	ST	Male	9060819239	279993623738

List of Beneficiaries under FLD on Vegetable pea var. Pusa Pragati (Plant Breeding)

S. No.	Name of Farmer	Father's Name	Village	Block	Caste	Gender	Contact No.	Aadhar No.
1.	Ramdhan Gop	Maninath Gop	Tigranayatoli	Ratu	OBC	Male	8084213141	939954090549
2.	Sumit Oraon	Mangra Oraon	Tigranayatoli	Ratu	ST	Male	7295013272	532954388139
3.	Dilesh Gop	Lakhnu Gop	Tigranayatoli	Ratu	OBC	Male	9204429591	734487004366
4.	Vikash Oraon	Budwa Oraon	Tigranayatoli	Ratu	ST	Male	9113750557	655664618431
5.	Biswash Titkey	Yakub Tirkey	Tigranayatoli	Ratu	ST	Male	9308250764	784059046079
6.	Sandeep Oraon	Asin Oraon	Tigranayatoli	Ratu	ST	Male	9670779502	882192701098
7.	Sukri Devi	Sukra Oraon	Tigranayatoli	Ratu	ST	Female		887555836085
8.	Charwa Oraon	Gomeya Oraon	Tigranayatoli	Ratu	ST	Male	7366837168	607766627398
9.	Raju Gop	Durga Gop	Tigranayatoli	Ratu	OBC	Male	8521454854	475303010949
10.	Sukra Oraon	Manga Oraon	Tigranayatoli	Ratu	ST	Male	9934545419	592232225306
11.	Ranjit Oraon	Khadi Oraon	Tigranayatoli	Ratu	ST	Male	6204858896	947756102155
12.	Jatru Gop	Lt. Shibu Gop	Tigranayatoli	Ratu	OBC	Male	8002689162	765052132772
13.	Ritesh Gop	Khudiya Gop	Tigranayatoli	Ratu	OBC	Male	7856850842	313375745863

14.	Mugiya Orain	Goyanda Oraon	Tigranayatoli	Ratu	ST	Female	8521248766	322962899493
15.	Digambar Mahto	Harnu Mahto	Tigranayatoli	Ratu	OBC	Male	9939926509	470729309722
16.	John Tirkey	Matiyas Tirkey	Tigranayatoli	Ratu	ST	Male	6204399716	979539319076
17.	Rohit Oraon	Charwa Oraon	Tigranayatoli	Ratu	ST	Male	9572026141	53352811400
18.	Akash Oraon	Robin Oraon	Tigranayatoli	Ratu	ST	Male	9664911750	889984707927
19.	Rajesh Oraon	Lt. Manga Oraon	Tigranayatoli	Ratu	ST	Male	9801519834	887947573603
20.	Shivshankar Oraon	Suku Oraon	Tigranayatoli	Ratu	ST	Male	7632006351	889464547459
21.	Vinod Mahli	Biglu Mahli	Tigranayatoli	Ratu	ST	Male	9341316154	648424301005
22.	Bimal Tigga	Stiphan Tigga	Tigranayatoli	Ratu	ST	Male	8757287410	805190850107
23.	Chamu Oraon	Manga Oraon	Tigranayatoli	Ratu	ST	Male	9142854014	881025641605
24.	Ramlaga Gop	Pancham Gop	Tigranayatoli	Ratu	OBC	Male	8757287238	686788482256
25.	Bandhan Oraon	Thema Oraon	Tigranayatoli	Ratu	ST	Male	8252843440	652521949474
26.	Tulsi Oraon	Bandhu Oraon	Tigranayatoli	Ratu	ST	Male	8540062589	285817372298
27.	Pankaj Gop	Jhagru Gop	Tigranayatoli	Ratu	OBC	Male	6206068461	241417665140

FLD – Horticulture 2023-24

FLD on Tomato var. Arka Abhed

S. no.	Name	Father/ Husband Name	Address	Mobile No.	Adhar no.
1.	Kartik Mahto	Ramesh Mahto	Agartoli, Angara, Ranchi	9693341280	728042512463
2.	Rajesh Mahto	Jaleshwar Mahto	Agartoli, Angara, Ranchi	9504106867	331917319233
3.	Baleshwar Mahto	Jhalu Mahto	Agartoli, Angara, Ranchi	7488684404	221117238696
4.	Bihari Mahto	Late Tulsi Mahto	Agartoli, Angara, Ranchi	6206772066	411014834809
5.	Suraj Mahto	Jageshwar Mahto	Agartoli, Angara, Ranchi	9534136547	626356798112
6.	Nakul Bediya	Mansit Mahto	Gundalitoli, Angara, Ranchi	9693903673	3808044124
7.	Dashrath Bediya	Kashi Bediya	Gundalitoli, Angara, Ranchi	9939367436	683123112562
8.	Shivchran Bediya	Gugu Bediya	Gundalitoli, Angara, Ranchi	6206217658	400318474526
9.	Sohraiya Bediya	Sufal Bediya	Gundalitoli, Angara, Ranchi	9905947962	521222876035
10.	Nirmal Bediya	Kameshwar Bediya	Gundalitoli, Angara, Ranchi	7782814195	445275413835
11.	Sujeet Oraon	Late Munva Oraon	Gundalitoli, Angara, Ranchi	8809022767	459322446795
12.	Gandura Oraon	Late Somra Oraon	Gundalitoli, Angara, Ranchi	9543190449	312182206185
13.	Vinod Oraon	Jaura Oraon	Gundalitoli, Angara, Ranchi	8709317206	234931554269

On Farm Trial - Horticulture (2023-24)

OFT 1 - Assessment of microbial consortia against wilting in Solanaceous crop (Tomato)

S. no.	Farmer's name	Father's name	Address	Adhar no.	Mobile no.
1.	Gandura Oraon	Late Somra Oraon	Gurgurjari, Kambo, Mandar, Ranchi	312182206185	8709317206
2.	Telanga Oraon	Late Seeta Oraon	Gurgurjari, Kambo, Mandar, Ranchi	456795605842	9973996731
3.	Binod Oraon	Jaura oraon	Gurgurjari, Kambo, Mandar, Ranchi	234391554249	9534190449
4.	Sujeet Oraon	Late Munva Oraon	Gurgurjari, Kambo, Mandar, Ranchi	459322446795	8809022767
5.	Mahesh Oraon	Late Somra Oraon	Gurgurjari, Kambo, Mandar, Ranchi	854206805264	9608704538
6.	Bandhu Tana Bhagat	Late Dhaula Oraon	Gurgurjari, Kambo, Mandar, Ranchi	689650470992	8797956622
7.	Shobha Orain	Sib Dev Oraon	Gurgurjari, Kambo, Mandar, Ranchi	981823683767	7257868045
8.	Rinki Devi	Kuldeep oraon	Gurgurjari, Kambo, Mandar, Ranchi	522914511879	9304576403

OFT 2 - Regulation of bearing potential in litchi (*Litchi chinensis* L.) through girdling of primary branches

S. no.	Farmer's name	Father's name	Address	Adhar no.	Mobile no.
1.	Chunnu Lal Mahto	Late Harsh Nath Mahto	Baraudi, Burmu, Ranchi	823715041656	8521454551
2.	Chandra Kant Giri	Lt. Bhagirathi Giri	Thakur Gaon, Burmu, Ranchi	862719527910	9431110700
3.	Sachindra Mahto	Lt. Sobaran Mahto	Soba, Burmu, Ranchi	455292204716	9931367203
4.	Tulsi Mahto	Sureswar Mahto	Soba, Burmu, Ranchi	659865601886	7294949919
5.	Deepak Chaudhary	Madan Mahto	Soba, Burmu, Ranchi	740185511734	7061430241
6.	Devendra Kumar	Bhupnath	Soba, Burmu, Ranchi	610601198179	8825252099
7.	Bihari Mahto	Sachindra Mahto	Soba, Burumu, Ranchi	335625930390	8102584466
8.	Charku Mahto	Puna Mahto	Baraudi, Burmu, Ranchi	825807076040	7658948225

FLD- Cycle hoe

VILL	GURGURJARI
Date	25/12/2023

Crop Pea

Sl NO	Farmer Name	Gender	Caste	Father Name	Panchayt	Block	Aadhar No	Mobile No	Vill
1	Gandura Oraon	M	ST	Late Somra oraon	Cambo	Mander	312182208135	8709317206	Gurgurjari
2	Sujeet Oraon	M	ST	Late Munwa Oraon	Cambo	Mandar	459322446795	8809022767	Gurgurjari
3	Ramchandra Oraon	M	ST	Sri Mangal Oraon	Cambo	Mandar	496308972357	9304710081	Gurgurjari
4	Birsha Oraon	M	ST	Budhuwa Oraon	Cambo	Mander	621314357317	8969176296	Gurgurjari
5	Birsha Oraon	M	ST	Sri Dasu Oraon	Cambo	Mandar	288509703404	9572396059	Gurgurjari
6	Sobha Oraon	M	ST	Sri Shiv deo Oraon	Cambo	Mandar	981823683767	7257868045	Gurgurjari
7	Bandhutana Oraon	M	ST	Late Dharlatan Oraon	Cambo	Mandar	689650470992	8797956622	Gurgurjari
8	Dhirha Oraon	M	ST	Late Somra oraon	Cambo	Mandar	664444252692	7631373516	Gurgurjari
9	Sheetla Oraon	M	ST	Sri Jitu Oraon	Cambo	Mandar	871548524299	9835302068	Gurgurjari
10	Bargi Oraon	F	ST	Late Chotan Oraon	Cambo	Mandar	885195822555		Gurgurjari
11	Shanti Oraon	M	ST	Late Mahesh Oraon	Cambo	Mandar	385041790892	9034672748	Gurgurjari
12	Vinod Oraon	M	ST	Sri Jaura Oraon	Cambo	Mandar	234391554269	9534190449	Gurgurjari
13	SUNIL oraon	M	ST	Sri Charwa Oraon	Cambo	Mandar	871321686873	8002448916	Gurgurjari

Divyayan Krishi Vigyan Kendra, Ranchi
Ramakrishna Mission Ashrama, Morabadi, Ranchi (Jharkhand)