भाकृअनुप
ICAR

ANNUAL REPORT

2022

DIVYAYAN KRISHI VIGYAN KENDRA
RANCHI, JHARKHAND

e-mail : kvk.divyayan@gmail.com Website : ranchi.kvk4.in

RAMAKRISHNA MISSION

Ramakrishna Mission Ashrama,
Morabadi, Ranchi - 834008
e-mail : ranchi.morabadi@rkmm.org Website : www.rkmranchi.org
Phone - 0651-2551008, 2551970

PROFORMA FOR ANNUAL REPORT 2022 (1st January- 31st December 2022)

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: **1977**

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1.5. Staff Position (**as on 31st December 2022**)

Sl. No.	Sanctioned post	Name of the Incumbent	Designation	Discipline	Pay Scale with Present Basic	Date of joining	Permanent/ Temporary	Category (SC/ST/ OBC/ Others)
1.	Senior Scientist& Head	Dr. Ajeet Kumar Singh	Programme Coordinator	Soil Science	Level -13A, 7th CPC Rs. 1,61,100/-	01-01-2012	Permanent	Others
2.	Subject Matter Specialist	Dr. Bharat Mahto	SMS Animal Husbandry	Animal Husbandry	Level -10, 7th CPC Rs. 84,900/-	01-04-2007	Permanent	OBC
3.	Subject Matter Specialist	Dr. Rajesh Kumar	SMS Plant Protection	Plant Protection	Level -10, 7th CPC Rs. 84,900/-	01-02-2007	Permanent	OBC
4.	Subject Matter Specialist	Sri Manoj Kumar Singh	SMS Agronomy	Agronomy	Level -10, 7th CPC Rs. 84,900/-	01-02-2007	Permanent	Others
5.	Subject Matter Specialist	Dr. Neha Rajan	SMS Genetics & Plant Breading	Genetics & Plant Breading	Level -10, 7th CPC Rs. 73,200/-	15-10-2012	Permanent	OBC
6.	Subject Matter Specialist	Dr. Vishakha Singh	SMS Home Science	Home Science	Level -10, 7th CPC Rs. 56,100/-/-	23-03-2022	Probation	Others
7.	Subject Matter Specialist	Dr. Ravindra Kumar Singh	SMS Horticulture	Horticulture	Level -10, 7th CPC Rs. 61,300/-	01-07-2019	Probation	Others
8.	Programme Assistant	Sri Om Prakash Sharma	Program Assistant (Agri . Engg.)	Agriculture Engineering	Level -6, 7th CPC Rs. 58,600/-	01-02-2007	Permanent	Others
9.	Computer Programmer	Sri Prafulla Kumar Sio	Program Assistant (computer)	Computer	Level -6, 7th CPC Rs. 58,600/-	01-02-2007	Permanent	Others
10.	Farm Manager	Sri Santosh Kumar	Farm Manager	Farm Manager	Level -6, 7th CPC Rs. 58,600/-	01-02-2007	Permanent	OBC
11.	Accountant / Superintendent	Sri Narayan Ohdar	Assistant	Accounts	Level -6, 7th CPC Rs. 58,600/-	01-11-2007	Permanent	OBC
12.	Stenographer	Sri Rahul Ray	Stenographer	Steno	Level -4, 7th CPC Rs. 31400/-	01-09-2015	Permanent	OBC
13.	Driver	Sri Amit Bhattacharjee	Driver	Driver	Level -3, 7th CPC Rs. 35000/-	01-11-2007	Permanent	Others
14.	Driver	Sri Rajendra Mahto	Driver	Driver	Level -3, 7th CPC Rs. 22,400/-	21-01-2021	Permanent	OBC
15.	Supporting staff	Sri Mohan Mahto	Supporting staff	Supporting staff	Level -1, 7th CPC Rs. 28,800/-	01-02-2007	Permanent	OBC
16.	Supporting staff	Sri Deepak Pahan	Supporting staff	Supporting staff	Level -1, 7th CPC Rs. 20,900/-	01-04-2017	Permanent	ST

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)
1	Under Buildings	0.374
2.	Under Demonstration Units	0.086
3.	Under Crops	23.600
4.	Orchard/Agro-forestry	35.140
5.	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)	Under use or not*	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	Agricultural Museum					Completed	141	Under use	ICAR
17	Paddock					Completed	260	Under use	ICAR
18	Poultry Demonstration Unit					Completed	230	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

BR14P-599 Mini Bus	31-03-1995	5,35,547.00		Frequent Breakdown
BR14P-2723 Tata Sumo	31-08-2000	4,81,436.00	166802	Frequent Breakdown (Applied for condemnation)
BR14C-7508 Tractor	02-03-1995	2,11,386.00		Frequent Breakdown
Tractor	2010	550000.00		Frequent Breakdown
Bike- JH01BT-8134	15-10-2015	52563.00	48225	Frequent Breakdown
Bike- JH01BT-3089	15-10-2015	52563.00	40280	Frequent Breakdown

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
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 equipment	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)
Disc Harrow	2011-12	31800.00	Good	ICAR

1.8. Details SAC meeting* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	10-09-2022	36	It was suggested in the house that a Frontline demonstration on Tephrosia Leaf based organic farming may be conducted by KVK.	It will be taken under FLD Programme in next financial year	
			It was suggested to assess the performance of high value vegetables in on campus trial with practices of natural/ organic farming.	On campus trial has been conducted on broccoli and has yielded satisfactory result.	
			The house was informed that ICAR RCER FSRCHPR, Plandu, Ranchi has developed a promising variety of Bel fruit Swarna Vasudha	Planation has been done both on and off campus.	

			which suitable for whole Jharkhand and should be promoted by KVK.		
			It was suggested to promote Dragon Fruit and Apple Ber in Ranchi district.	On station trial was conducted on Dragon fruit.	
			It was suggested in the house that Front Line Demonstrations should be conducted on Bio Fortified Varieties.	Front line Demonstration and Cluster Frontline demonstration on PM30 Mustard was conducted for 225 acre.	
			The house was informed that the year 2023 has been declared as International Year of Millets by United Nations. So KVK should work on organizing training and awareness programs on Production and value addition of Millets. 17 September 2022 will be celebrated as Nutrition Day.	Demonstation of millet was conducted on 25 acre as well as different awareness programmes and Kisan mela was conducted on this theme.	
			It was informed that Promotion of Nutri-Garden Program will be continued under FLD program instead of NARI.	25 Demonstrations were conducted in Datma village of Ranchi district under FLD programme.	
			It was suggested in the house that Photos of all stages of crop cycle should be taken with Geo Tagging in Natural Farming. Further, data of crop growth and yield should be recorded properly in a separate register which will be submitted to ATARI, Patna.	As per suggestion, it is being followed.	
			It was suggested in the house that photos of all stages of FLDs, CFLD and OFTs to be conducted should be taken with geo-tagging. Photos of crop cutting must be taken in all demonstrations.	As per suggestion, it is being followed.	

** 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 (2022)

Sl. No.	Items	Information
1	Major Farming system/enterprise	Major crop: Rice, Maize, Niger, Chickpea and pigeon pea. Major livestock –Goat, Pig, Birds, Cattle, Buffalo
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 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Paddy-1361, Wheat-1485, Maize-1361, Pigeonpea-800, Green gram-600, Chick pea-1018, Pea-1157, Cauliflower-16.0, Potato- 8.9, Cabbage-16, Tomato-20
6	Mean yearly temperature, rainfall, humidity of the district	Summer temperatures range from 20 °C to 42 degrees, winter temperatures from 0 °C to 25 degrees. The annual rainfall is about 1430 mm (56.34 inches).
7	Production of major livestock products like milk, egg, meat etc.	Milk 15.5 lakh tonn, 4153 lakh tonn

Note: Please give recent data only

2.b. Details of operational area / villages (2022)

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		Angara	Maheshpur	**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 -	Ramdaga	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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
3		- 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
4		- 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
5		- 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
6		- 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
7		- do -	Bisa	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 -	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
9		- do -	Bhognabera	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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
10		- 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
11		- do -	Rupru	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
12		- do -	Dokad	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
13		- 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
14		- 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
15		- 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
16		- 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
17		- 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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
18		- 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
19		- do -	Sosonawagarh	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		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
21		- 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
22		- do -	Jalma	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
23		- do -	Kashitoli	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
24		- do -	Jaratoli	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
25		Angara	Narayansoso	Rice, Maize, Niger, Chickpea and pigeon	**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	Bee-keeping, Lac cultivation, Organic farming

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
				pea & Goat, Bird, Pig	deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	
26		- do -	Sikidiri	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, Goatery
27		- do -	Khaksitoli	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
28		- 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
29		- 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
30		- 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
31		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
32		- do -	Lupung	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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
33		- do -	Berwari	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
34		- 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
35		- 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
36		- 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
37		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
38		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
39		- do -	Jojodih	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
40		- do -	Pelkadih	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	Bee-keeping, Lac cultivation, Organic farming

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
					deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	
41		- do -	Baburamdih	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
42		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
43		- 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
44		- 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
45		- do -	Dimra	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
46		- do -	Lenkeya	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
47		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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
48		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
49		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
50		- 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
51		- do -	Kulli	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
52		Bero	Bhandra	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
53		- do -	Gadhatoli	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
54		- do -	Baridih	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
55		- do -	Kokre	Rice, Maize, Niger, Chickpea and pigeon	**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	Vegetable cultivation, Goatery, Organic

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
				pea & Goat, Bird, Pig	deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	farming, Pulse cultivation
56		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
57		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
58		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
59		- do -	Chapatoli	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
60		- 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
61		- 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
62		- 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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
63		- 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
64		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
65		- do -	Gutru	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
66		- 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
67		- do -	Mahadevtoli	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
68		- do -	Lodambera	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
69		- do -	Koyzam	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
70		- do -	Khuter	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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
71		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
72		Mandar	Sevadih	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
73		- do -	Kargenayatoli	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
74		- do -	Mahuwajari	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
75		- do -	Banshjari	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
76		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
77		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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
78		Lapung	Pokta	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
79		Silli	Misirhotang	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
80		- do -	Pipardag	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
81		- do -	Piska	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
82		- do -	Losera	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
83		Silli	Budabehra	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
84		- do -	Banuwadih	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
85		- do -	Saheda	Vegetable, Rice, Maize, Niger,	**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	Vegetable cultivation, Goatery, Organic

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
				Chickpea and pigeon pea & Goat, Cow	deficiency, **Cauliflower-** DBM, boron deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	farming, Pulse cultivation
86		- do -	Gerebir	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
87		Silli	Ajaygarh	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
88		- do -	Hakedag	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
89		- do -	Khalari	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
90		- do -	Nagedih	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
91		Silli	Medini	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
92		Murhu (Khunti District)	Gutigara	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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
93		- do -	Maliyada	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
94		Murhu	Sirkapasrabera	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
95		- do -	Kulipiri	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
96		- do -	Selda	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
97		- do -	Katingkel	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
98		Murhu	Buruhatu	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
99		- do -	Maildih	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
100		- do -	Kota	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	Vegetable cultivation, Goatery, Organic farming, Pulse cultivation

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
					deficiency, **Poultry-** Rani Khet, CRD,PPR, Entrotoxaima, FMD	
101		- do -	Berkela	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
102		- do -	Ichadih	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
103		Murhu	Namsilli	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
104		Karra (Khunti District)	Chanpi	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
105		- do -	Karamdih	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
106		Karra (Khunti District)	Silda	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
107		Dulmi (Ramgarh District)	Beyang	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:

Name of the villages adopted by Sr. Scientist & Head and SMS (in year 2022) 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

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 2022

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
12	12	107	0	1	25	50	38	18	63	69	132	200	394	200	4	2	176	104	42	66	222	172	394

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
125	197	3450	59	58	13	117	19	15	34	27	61	135	253	35961	150	44	663	865	5182	2221	1196	513	1709

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

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
598	634.46	0.8	0.61

Livestock strains and fish fingerlings produced (in lakh) *		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
0.3	0.41	0.0075	0.00598

* Give no. only in case of fish fingerlings

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper	2		2	8.5			
Seminar/conference/ symposia papers							
Books	2						
Bulletins							
News letter							
Popular Articles	12	1700					
Book Chapter							
Extension Pamphlets/ literature	2	10000					
Technical reports	3						
Electronic Publication (CD/DVD etc)							
TOTAL	21						

3.1.1 Achievements on technologies assessed and refined

OFT 1 - Genetics and Plant Breeding

1.	Title of On farm Trial	Assessment of synchronous maturing variety of green gram in Ranchi district to boost seed replacement and augment farm income.
2.	Problem diagnosed	Unavailability of seed of synchronous maturing green gram variety.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmers practice:** Sowing of non-synchronous variety of green gram SML 668 **T1**: Sowing of synchronous maturing variety Samrat (PDM-139) **T2**: Sowing of synchronous maturing short duration variety Virat (IPM 205-7)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	*ICAR- Indian Institute of Pulses Research, Kanpur, U.P.*
5.	Production system and thematic area	Rice based production system and Crop Production
6.	Performance of the Technology with performance indicators	Introduction of synchronous maturing variety Virat (IPM 205-7) was fruitful for the farmers due to early maturity and better yield performance. It took 54 days to attain physiological maturity whereas Samrat (PDM-139) and farmer's variety took 64 and 76 days respectively to attain maturity. It was also found that Virat had better yield i.e.,12.81%over farmer's and at par with the yield of Samrat. Cost of

		cultivation of variety Virat was below by Rs.4760 per ha over farmer's variety due to its synchronous maturity character as well as single harvesting.
7.	Final recommendation for micro level situation	Use of synchronous maturing variety Virat is recommended in summerseason with 30x10 cm spacing and seed rate 25kg/ha and harvesting is recommended after 52-55 days of sowing. Samrat variety is also recommended for summer cultivation but it is very old variety (released in 2001) and may be replaced by Virat.
8.	Constraints identified and feedback for research	No any constraints identified during the trial.
9.	Process of farmers participation and their reaction	Three varieties namely SML 668 (Farmer's variety), Samrat and Virat were distributed among 10 farm women of village Kokre, Bero, Ranchi on pilot basis. They were then motivated and trained from time to time for cultivation. These farm women were very happy with the performance of the variety Virat due to its early maturity, resistant to MYMV and high yielding characteristics. They decided to cultivate these varieties in future also. Green gram fits well in various multiple and intercropping systems so inclusion of this variety in summer season after harvesting of potato is very profitable andfarmers may get good income from it.

Thematic area: Varietal evaluation

Problem definition: The productivity of pulses in Ranchi district (800 kg/ha) which is on the lower side. The area under green gram cultivation is very low due to less adoption of the high yielding varieties and indeterminate growth habit of cultivars. As the crop is grown in residual soil moisture, the crop faces water stress condition many times. One of the major constraints of poor yield and spread of green gram, is the non-availability of suitable high yielding variety to replace the traditional varieties. SeedReplacement rate of local cultivar with HYV and quality seed is very poor in the district.

Technology assessed: Assessment of synchronous maturing varieties Samrat and Virat in Ranchi district.

Table: 1

Technology option	No. of trials	Days to maturity	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs./ha)	Net return (Rs./ha)	BC ratio
FP: Variety SML 668	10	76	8.51	37400.00	65995.00	28595.00	1.76
T1: Variety – Samrat		64	9.75	34445.00	75611.00	41166.00	2.19
T2: Variety – Virat		54	9.60	32640.00	74448.00	41808.00	2.28
C.D. at 5%		4.277	N/A				

Results: Based on the above findings it can be concluded that among all the three varieties, Virat and Samrat had at par yield but the major significant difference was found in maturity time. In context to maturity duration Virat had taken minimum days (54 days) to attain maturity and this variety will be best suited in Rice -Potato- Green gram cropping system in this region. Therefore, inclusion of mung bean variety in the rice rotation system will diversify and strengthen the cropping system, alleviate the disadvantage of cereal – cereal cropping system and improve the productivity of the soil and the income of the farmer.

<table>
<tr><td> 
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<tr><td colspan="2">Training and input distribution of OFT program</td><td>Field visit at seedling stage</td></tr>
<tr><td> 
</td><td>  </td><td>  </td></tr>
<tr><td>Green gram var. Samrat at pod development stage</td><td colspan="2">Green gram var. Virat at pod development stage</td></tr>
</table>

OFT2 - Genetics and plant breeding

1.	Title of On farm Trial	Augmenting cucurbits (bitter gourd) production in Ranchi district by using different cutting techniques.
2.	Problem diagnosed	Low Yield
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmers practice:** No cutting **T1**: Cutting of apical tip about 4-5 inches after the main branch reaches the height of about 6-7 feet. **T2:** 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. Seedling of bittergourd is transplanted on 3rd February 2023 so theperformance of technology is awaited.
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 selected for OFT trial 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 Devgayin, Namkum, Ranchi on pilot basis. They were then motivated and trained in cutting techniques in bitter gourd.

Thematic area: Crop management

Problem definition: The presence of more male flowers in gourd family (Cucurbitaceae) is not necessarily beneficial since they are not responsible to produce fruit. They are simply the pollinators, and there is nothing stopping the male flower from pollinating more than one female flower. So, by cutting of branches in bitter gourd, increasing the ratio of female flowers and farmers will get more fruit.

Technology assessed: Assessment of cutting techniques in bitter gourd crop in Ranchi district.

Table: 1

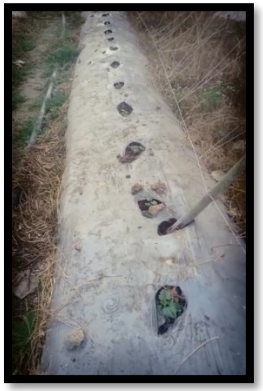
p

Technology option	No. of trials	Days to maturity	Yield (q/ha)	Cost of cultivation(Rs./ha)	Gross return (Rs./ha)	Net return (Rs./ha)	BC ratio
FP: No cutting	10	Trial is ongoing.					
T1: Cutting of apical tip about 4-5 inches after the main branch reaches the height of about 6-7 feet.							
T2: T1 + removal of apical tip again when the secondary branch reaches the height of 2-3 feet.							
C.D. at 5%							

Results: Awaited

Training at Devgayin, Namkum under OFT

Seed Distribution



Seedling transplanted in to main field

OFT3 - Genetics and plant breeding

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: Sowing of hybrid variety **T1**: Sowing of non-grafted tomato hybrid variety Swarna Vaibhav **T2:** Sowing of grafted tomato variety Swarna Vaibhav
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	OFT will be started in the month of July 2023.
7.	Final recommendation for micro level situation	To be conducted
8.	Constraints identified and feedback for research	To be conducted
9.	Process of farmers participation and their reaction	To be conducted

Thematic area: Crop Production

Problem definition: 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 compare 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.

Technology assessed: Assessment of grafted tomato variety Swarna Vaibhav for yield and disease resistance

Table: 1

Technology option	No. of trials	Days to maturity	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs./ha)	Net return (Rs./ha)	BC ratio
FP: Sowing of hybrid variety	7	Yet not started					
T1: Sowing of non-grafted tomato hybrid variety Swarna Vaibhav.							
T2: Sowing of grafted tomato variety Swarna Vaibhav							
C.D. at 5%							

Results: Awaited

OFT 4- Plant Protection

1.	Title of On farm Trial	Assessment of bio-intensive management practices for major pests in Tomato.
2.	Problem diagnosed	Loss in Tomato production due to Severe infestation of insect pest in tomato.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmer Practice**: use of chemical pesticides **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 **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

OFT 5 - Plant Protection

1.	Title of On farm Trial	Eco-friendly management practices to control fruit fly in cucurbits..
2.	Problem diagnosed	Loss in cucumber production due to fruit fly in Ranchi District
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmer practice: Spray of any pesticides as per their knowledge 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 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	Result Awaited

OFT 6 - Animal Husbandry

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 andconcentrate inanimal feed leads to imbalance microbialactivity and result into lowdigestibilitywhich 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. **TO1:** Farmers practice + Probiotic 15 gm per day for 60 days. **TO2:** 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	Details given below on table 1
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.

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.

p

Technology assessed:TO1 : Farmers practice + Probiotic 15 gm per day for 60 days.

TO2 : Farmers practice + Probiotic 20 gm per day for 60 days.

Table: 1

S. N	Particulars	Farmers Practice	Tech. option 1	Tech. option 2
1.	Total feed cost (Rs./ animal/ day)	136.80	140.66	139.30
2.	Cost of probiotics (Rs./ animal/ day)	00	6.00	8.00
3.	Total expenses (Rs./ animal/ day)	136.80	146.86	147.30
4.	Av. Milk production			
a.	Before trail (Kg / day)	6.10	6.40	6.67
b.	During trial period (Kg / day)	6.12	7.08	7.72
c.	Percentage increase in milk yield	0.03	10.62	15.74
5.	Extra price fetched (Rs. / day)	1.20	27.20	42.00
6.	Daily income on milk sale	244.80	283.20	308.80
7.	B : C ratio	1.78	1.92	2.09

Results: The result of trials indicated that supplementing probiotics to the ration of lactating cows increased the milk production and rate of milk also. Therefore,it may be recommended that use of probiotics 15 g/day and 20g/day both are beneficial for lactating cows.

	
Selection of experimental animals	Farmers practice
	
Feeding of probiotics (Tech. option1)	Feeding of probiotics (Tech. option2)

	
Milking of experimental animals	Recording of milk production data

OFT 7- Animal Husbandry

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. **TO1:** Farmers practice + Probiotic 15 gm per day for 60 days. **TO2:** 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	Details given below on table 1

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.

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.

Technology assessed:

TO 1 : Farmers practice + Probiotic 15 gm per day for 60 days.

TO2 : Farmers practice + Probiotic 20 gm per day for 60 days.

Table 1: Assessment of the effect of probiotic on milk production.

S. N	**Particulars**	**Farmers Practice**	**TO 1**	**TO 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
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/cowissufficient andbeneficial for lactating cows.

<table>
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<tr><td colspan="2">Distribution of critical inputs | Farmers practice</td></tr>
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<tr><td colspan="2">Tech. option 1</td></tr>
<tr><td> 
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<tr><td colspan="2">Tech. option 2</td></tr>
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OFT 8- Animal Husbandry

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: feed without supplementation of moringa leaves ad lib. TO1 : feed supplemented with 3.0% moringa leaves ad lib. TO2 : 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	**Trial is ongoing**
7.	Final recommendation for micro level situation	-
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	-

OFT 9 - Horticulture

1.	Title of On farm Trial	Regulation of bearingpotential in litchi (*Litchi chinensis*) through girdling of primary branches.
2.	Problem diagnosed	Negligible yield in Off season in Litchi cv. China
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Assessment of following technologies** FP: No girdling TO 1: Circular girdling of 2 mm on 50 % primary branches during 1st week of september TO 2: 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 FSRCHPR, Ranchi
5.	Production system and thematic area	Rice based Rainfed Agriculture Bearing regulation in litchi
6.	Performance of the Technology with performance indicators	Result Awaited

Thematic area: Crop Management

Problem definition: 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.

Technology assessed: Bearing regulation in litchi cv. China through technique of Girdling of primary branches

Table: 1 – Influence of girdling of primary branches on yield and economics of litchi cv. China

Technology option	**No. of trials**	**Days to maturity**	**Yield (q/ha)**	**Cost of cultivation(Rs./ha)**	**Gross return (Rs./ha)**	**Net return (Rs./ha)**	**BC ratio**
FP: No girdling	8	Trial is ongoing.					
T1: Circular girdlign of 4 mm diameter on 50 % primary branches during 1 st week of September							
T2: Circular girdling of 4 mm diameter on 50% primary branches during 1st week of September							
C.D. at 5%							

Results: Awaited

OFT10 - Horticulture

1.	Title of On farm Trial	Assessment of microbial consortia against wilting in Solanaceous crops (Tomato)
2.	Problem diagnosed	High incidence of wilt in Tomato
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Assessment of following technologies** FP: Application of chemical pesticide TO 1: IIHR Consortia (Arka Microbial Consortia) TO 2: NRC Litchi Trichoderma
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR IIHR, Bengaluru and NRCL, Muzaffarpur
5.	Production system and thematic area	Rice based Rainfed Agriculture Bearing regulation in litchi
6.	Performance of the Technology with performance indicators	Result Awaited

Thematic area: Integrated Disease Management

Problem definition: High incidence of wilt causes yield loss in tomato.

Technology assessed: Control of wilt through application of microbial consortia and trichoderma

Table 1 – Effect of microbial consortia and trichoderma growth and yield of tomato

Technology option	**No. of trials**	**Initial plant population**	**First incidence of wilt (DAT)**	**Wilting (%)**	**Yield (q/ha)**	**Gross return (Rs./ha)**	**Net return (Rs./ha)**	**BC ratio**
FP: Application of chemical pesticide	8		Trial is ongoing.					
T1: IIHR Consortia (Arka Microbial Consortia)								
T2: NRC Litchi Trichoderma								
C.D. at 5%								

Results: Awaited

OFT 11 - Home Science

1.	Title of on farmTrial	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.	Detailsoftechnologiesselectedforas sessment/refinement (MentioneitherAssessedorRefined)	FP: Consumption of raw pulp TO1: Formulation of tamarind candy with sugar TO2: Formulation of tamarind candy with jaggery
4.	Sourceof Technology(ICAR/ AICRP/SAU/other,pleasespecify)	College of Agriculture, UAS Dharwad, Karnataka
5.	Productionsystemandthematicarea	• Rice based production system • Value addition
6.	Performanceof theTechnologywith Performanceindicators	➢ Organoleptic evaluation of formulated product on a nine-point hedonic scale ➢ Appearance ➢ Colour ➢ Flavour ➢ Taste ➢ Texture ➢ Consistency And overall acceptability
7.	Finalrecommendationformicrolevel situation	The developed tamarind candy was highly acceptable by persons from different age groups especially kids. Developed product improves the consumption rate of tamarind and reduces the losses of fruit thus such type of product should be developed by the farm women either for self consumption or for commercial purpose.
8.	Constraintsidentifiedandfeedbackfor research	No any constraints identified during the trial.
9.	Processoffarmersparticipationandtheirrea ction	The problem was identified after the group discussion with farm women. All ingredients for candy making was distributed among 2 group (10 women in each group) of Gutaru villages. Training for candy making was

		provided to the selected beneficiaries. The farm women were very happy and satisfied by making candy due to its good sensory quality such as taste, flavor, and its higher acceptability by the children. They decided to make candy as its production cost is very less and acceptability is high.

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.

Technology assessed: Preparation of tamarind candy

Table: Assessment of different formulations for preparation of tamarind candy

Technology option	No. of trials	Organoleptic assessment						
		Appearance	Colour	Flavour	Taste	Texture	Consistency	Over all acceptability
FP: Consume pulp in raw form	10	5	5	6	6	6	4	5
TO1: Formulation of tamarind candy with sugar		8	8	9	8	7	7	8
TO2: Formulation of tamarind candy with jaggery		8	9	9	9	8	8	9

Result: Based on the above findings it can be concluded that TO2 had higher acceptability score (9) in terms of Appearance (8), Colour (9), Flavour (9), Taste (9), Texture (8) and consistency (8), followed by TO1, whereas FP had at par result. These formulations are also very useful to develop small scale startup for empowering the women.

Preparation of Tamarind Candy

Distribution of Input

Organoleptic evaluation of candy

OFT 12 - Home Science

1.	TitleofOnfarmTrial	Value addition of futkal leaf (*Ficus virens*) to improve the consumption span
2.	Problemdiagnosed	Futkal leaf is consumed by local people of Jharkhand in their traditional practice for the treatment of diarrhoea, indigestion etc. butis not utilized to the extent due to only seasonal availabilityand lack of popularization of utilization technologies. That's why the objective of this framework is to develop a value-added product from futkal leafwith and without the incorporation of *Moringa oleifera* leaf that could be crucial for the treatment of many diseases.
3.	Detailsoftechnologiesselectedf or assessment/refinement (MentioneitherAssessedorRefined)	FP: Sag preparation from fresh leaf of futkal TO1: Preparationof Futkal leaf basedinstant soup mix (FISM) TO2: Preparation of Futkal leaf and *Moringaoleifera* leaf instant soup mix from (FMISM)
4.	Sourceof Technology (ICAR/ AICRP/SAU/other,pleasespecify)	College of Home Science, O.U.A.T Bhubaneswar, Odisha
5.	Productionsystemandthematicarea	• Post-harvest management • Value addition
6.	Performanceof theTechnologywith Performanceindicators	• Organoleptic evaluation on a nine-point hedonic scale ➢ Appearance ➢ Colour ➢ Flavour ➢ Taste ➢ Texture ➢ Consistency And overall acceptability
7.	Finalrecommendationformicrolevel situation	Trial is ongoing
8.	Constraintsidentifiedandfeedbackfor research	Trial is ongoing

9.	Processoffarmersparticipationandthe irreaction	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.

Technology option	No. of trials	Organoleptic assessment						
		Appearance	Colour	Flavour	Taste	Texture	Consistency	Over all acceptability
FP: Sag preparation from fresh leaf of futkal	10	Trial is ongoing						
TO1: Preparationof Futkal leaf basedinstant soup mix (FISM)								
TO2: Preparation of Futkal leaf and *Moringaoleifera* leaf instant soup mix from (FMISM)								

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-expoloited 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.

Technology assessed: Value addition of futkal leaf (*Ficus virens*)

Table: Evaluation of valued added product prepared with futkal leaf (*Ficus virens*) to improve the consumption span

Result: Awaited

OFT 13 - AGRONOMY

1.	Title of On farm Trial	Assessment of vegetable in pigeon pea for ensuring higher returns and minimizing risk due to adverse climate.
2.	Problem diagnosed	Poor yield stability and low returns from pigeon pea due to adverse climate condition
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP- Sole crop of Pigeon pea (Spacing 90x20cm) T1 Pigeon pea + Cowpea (1:2) Spacing 90x20cm T2 Pigeon pea + Okra (1:1) Spacing 90x20cm
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BAU, Ranchi and Dharwad University
5.	Production system and thematic area	Rice and vegetable- based production system
6.	Performance of the Technology with performance indicators	Pigeon pea Equivalent Yield of different intercrop, Yield (q/ha) Increase in income/ha, Net return, Benefit cost ratio.
7.	Final recommendation for micro level situation	TO-1 (Pigeon pea + Cowpea (1:2), spacing 90x20cm) & TO-2 (Pigeon pea + Okra (1:1) Spacing 90x20cm) both are significant and recorded high Net return and BC ratio over FP, so it may be recommended for the farmers of the district.
8.	Constraints identified and feedback for research	No constraint was observed.
9.	Process of farmers participation and their reaction	Farmers were involved in participatory approach. They are satisfied with the findings.

Thematic area: Crop production

Problem definition: Poor yield stability and low returns from pigeon pea due to adverse climate condition

Technology assessed: Intercropping of pigeon pea with cowpea and okra.

Technology options	Pigeon pea equivalent of different intercropping yield q/ha	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net return Rs./ha	BC Ratio
FP : Pigeon pea as sole crop	14.20	36000	89460	53460	2.48
TO 1 : Pigeon pea + Cowpea (1:2) with spacing 90x20cm	19.98	48200	125874	77674	2.61
TO 2 : Pigeon pea + Okra (1:1) with Spacing 90x20cm	22.13	43800	139419	95619	3.18
C.D.	4.079				
SE(m)	1.362				
Note :- Pigeonpea variety :- Narendra Arhar 2, Cowpea: Arka Garima and Okra Variety : Varsa uphar					

Result: Technological option 1 and 2 both are at par however, significantly superior over Farmers' practice in terms of Yield, Net Return and BC ratio.

Bed preparation and Seed sowing

Harvesting of cow pea and okra under OFT

OFT 14 - AGRONOMY

1.	Title of On farm Trial	Assessment of sowing technology in pigeon pea
2.	Problem diagnosed	Low production pugeon pea by broadcasting method
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP : Broadcasting Method T 1 : Line Sowing spacing 75 x 20 cm T 2 : Line sowing by ridge and furrow method Spacing 75 x 20 cm
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BAU, Ranchi and Dharwad University
5.	Production system and thematic area	Rice and vegetable - basic production system
6.	Performance of the Technology with performance indicators	Pigeon pea equivalent Yield of different intercrop, increase in yield (q/ha) increase in income/ha, Net return, Benefit cost ratio.
7.	Final recommendation for micro level situation	TO 2 was better than other technologies TO 1 and FP. Yield, net return and BC ratio was also high in TO 2. Both assessed 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

Thematic area: Crop production

Problem definition: Poor yield stability and low returns from pigeon pea due to adverse climate condition
Technology assessed: Testing of seed sowing method

Treatment	Plant height in cm	Number of Branch Plant^{-1}	Number of root nodules plant^{-1} at 60 DAS	Dry weight of root nodules plant^{-1} at 60DAS	Yield Kg / ha^{-1}	Stalk yield Kg/ ha^{-1}	Cost of cultivation Rs./ha	Gross Return	Net Return	BC Ratio
FP : Broadcasting Method	133	10.25	43.75	85.76	1150	5663	36500	72450	35950	1.98
TO 1 : Line Sowing spacing 75 x 20 cm	135	12.10	45.30	90.25	1420	5964	38950	89460	50510	2.29

TO 2 : Line sowing by ridge and furrow method Spacing 75 x 20 cm	139	14.25	51.75	93.57	1746	9061	40500	109998	69498	2.71	**OFT**
C.D.					2.439						
SE (m)					0.815						
Note : Variety Rajeev Lochan											

Agronomy

Input distribution to beneficiaries

Training under OFT

Pigeon pea crop in line sowing and ridge and furrow

OFT-15 AGRONOMY

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: RDF (100:40:20) Kg/ha** **Technological Option 1:** 50% of RDN & 100% PK + Nano urea @4ml/lt. water (Single spray at 35 days). **Technological Option 2:**50% of RDN & 100% PK + 2 sprays of Nano Urea at (35 Days) and (60-65 Days) @ 4ml/ltr water. **(Timely sown variety of BAU**
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	**Plot size** (10x10m^2) in each tech option, Number of plots 30, **soil data before and after** (PH, EC, OC, NPK) Yield data, no. of effective tillers/m^2), 1000 grain wt, panicle wt, Straw yield and Economics.
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.

Thematic area: Crop Management

Problem definition: Excessive use of chemical fertilizer and Spiraling price of urea leads to increase in cost of cultivation
Technology assessed: Assessment of nitrogen application through different spray of nano urea.

Table: 1

Technology option	No. of trials	Days to maturity	Yield (q/ha)	Cost of cultivation(Rs./ha)	Gross return (Rs./ha)	Net return (Rs./ha)	BC ratio
Farmer Practice: RDF (100:40:20) Kg/ha	10	Trial is ongoing.					
T1: : 50% of RDN & 100% PK + Nano urea @4ml/lt. water (Single spray at 35 days).							
T2: 50% of RDN & 100% PK + 2 sprays of Nano Urea at (35 Days) and (60-65 Days) @ 4ml/ltr water							
C.D. at 5%							

OFT-16 AGRONOMY

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:** Seed Treatment + RDF **Technological Option 1:** 50% of RDF + WS 18:18:18 @5 gm/ltr water (Single spray at pre flowering stage) **Technological Option 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	**Plot size** (10x10 m^2) in each tech option line sowing**,** Number of plots 30, **soil data before and after** (PH, EC, OC, NPK) Grain Yield No. of Plant/m, 1000 grainwt. No. of pod / plant, strover yield and Economics.
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

Thematic area: Crop Management

Problem definition: Injudicious use of chemical fertilizer
Technology assessed: Technological Option 1: 50% of RDF + WS 18:18:18 @5 gm/ltr water (Single spray at pre flowering stage)
Technological Option 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)

Table: 1

Technology option	No. of trials	Days to maturity	Yield (q/ha)	Cost of cultivation(Rs./ha)	Gross return (Rs./ha)	Net return (Rs./ha)	BC ratio
Farmer Practice: Seed Treatment + RDF	10	Trial is ongoing.					
T1: : 50% of RDF + WS 18:18:18 @5 gm/ltr water (Single spray at pre flowering stage)							
T2: 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)							
C.D. at 5%							

3.1.2 Technology Assessed by KVK (Discipline wise)

	Technologies assessed under various crops by KVKs (Crop Production)			
	Thematic areas	Number of the technologies (Technology Interventions)	No. of trials	No. of Locations
1	Integrated Nutrient Management	**0**	**0**	**0**
2	Varietal Evaluation	1	10	1
3	Integrated Pest Management	1	8	1
4	Integrated Crop Management	1	8	3
5	Integrated Disease Management	2	20	5
6	Small Scale Income Generation Enterprises	**0**	**0**	**0**
7	Weed Management	**0**	**0**	**0**
8	Resource Conservation Technology	**0**	**0**	**0**
9	Farm Machineries	**0**	**0**	**0**
10	Integrated Farming System	**0**	**0**	**0**
11	Seed / Plant production	**0**	**0**	**0**
12	Post Harvest Technology / Value addition	**0**	**0**	**0**
13	Drudgery Reduction	**0**	**0**	**0**
14	Storage Technique	**0**	**0**	**0**
15	Others (Pl. specify)	**0**	**0**	**0**
16	Cropping Systems	**0**	**0**	**0**
17	Farm Mechanization	**0**	**0**	**0**
	Total	**5**	**46**	**10**
	Technologies assessed under livestock by KVKs			
	Thematic areas	No. of technologies (Technology Interventions)	No. of trials	No. of locations
1	Disease Management	**0**	**0**	**0**
2	Evaluation of Breeds	**0**	**0**	**0**
3	Feed and Fodder management	**0**	**0**	**0**
4	Nutrition Management	3	27	4
5	Production and Management	**0**	**0**	**0**
6	Processing and value addition	**0**	**0**	**0**

7	Others (Pl. specify)	**0**	**0**	**0**
	Total	**3**	**27**	**4**
	Technologies assessed under various enterprises by KVKs			
	Thematic areas	No. of technologies (Technology Interventions)	No. of trials	No. of locations
1	Drudgery reduction	**0**	**0**	**0**
2	Entrepreneurship Development	**0**	**0**	**0**
3	Health and nutrition	**0**	**0**	**0**
4	Processing and value addition	**0**	**0**	**0**
5	Energy conservation	**0**	**0**	**0**
6	Small-scale income generation	**0**	**0**	**0**
7	Storage techniques	**0**	**0**	**0**
8	Household food security	**0**	**0**	**0**
9	Organic farming	**0**	**0**	**0**
10	Agroforestry management	**0**	**0**	**0**
11	Mechanization	**0**	**0**	**0**
12	Resource conservation technology	**0**	**0**	**0**
13	Value Addition	1	10	1
14	Others	**0**	**0**	**0**
	Total	**1**	**10**	**1**
	Technologies assessed under various enterprises for women empowerment			
	Thematic areas	No. of technologies (Technology Interventions)	No. of trials	No. of locations
1	Drudgery Reduction	**0**	**0**	**0**
2	Entrepreneurship Development	**0**	**0**	**0**
3	Health and Nutrition	**0**	**0**	**0**
4	Value Addition	**0**	**0**	**0**
5	Others	**0**	**0**	**0**
	Total	**0**	**0**	**0**

3.2 Achievements of Frontline Demonstrations during 2022

A. Details of FLDs conducted during the year 2022

Cereals

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ demonstration									Reasons for shortfall in achievement
				Proposed	Actual	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
1.	Paddy	Crop production	CR Dhan 320	2	2	0	0	3	0	1	1	4	1	5	NA
2.	Finger Millet	Nutritional Security	Improved variety + INM + IPM	4	4	2		4	2	1	1	7	3	10	NA
3.															

Details of farming situation

Sl. No.	Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)				Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
					N	P_2O_5	K_2O	OC					
1.	Paddy	Kharif	Rainfed	Red Laterite					wheat	18.7.2022	12.11.2022		
2.	Finger Millet	Kharif	Rainfed	Sandy soil	170	14.0	145	20 qt.	Pigeon pea	05.07.2022	05.11.2022		
3.													

In both the Tables, information of same crop should be provided. For example, if in Table 3.2A crops are mentioned as a,b,c,d etc., in the table for Details of farming situation, the same crop should be mentioned in the identical sequence.

B. Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

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, INM, IPM	100	40	14.5	9.5	52.63	36500.00	87000.00	50500.00	2.38	32000.00	57000.00	25000.00	1.78
Total			100	40	14.5	9.5	52.63	36500.00	87000.00	50500.00	2.38	32000.00	57000.00	25000.00	1.78

Input Distribution **Off campus one day training at Chalaniya village**

PM 30 demonstrated plot at Chalaniya, Burmu **Field day on mustard** **Distribution of Battery sprayer to mustard beneficiaries**

* 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

Pulses

Frontline demonstration on pulse crops

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

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

Frontline demonstration on pulse crops

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
Tomato	Varietal Demonstraion	Tomato Hybrid cv. Arka Abhed	25	2	473	355	33.23	75000	378400	313400	4.17	73200	345000	271800	3.71
Vegetable Pea	Varietal Demonstration	Vegetable Pea cv. Pusa Pragati	25	5	68	59	15.25	62000	136000	74000	2.19	60000	88500	28500	1.47
Elephant Foot Yam	Varietal demonstration	HYV Gajendra	5	0.3	297.5	215.2	38.24	293164	743750	450586	2.54	289542	602560	313018	2.08
Onion	Varietal demonstration	NHRDF Red 3	17	2	205	162	26.54	64500	212300	163000	2.53	62200	172400	110200	1.77
Nutri-Garden	Nutritional Security	HYVs	25	0.1	1.8 q/dismil (Unit)	-	-	875	1280	375	0.43	-	-	-	-
	Total		97	9.4	-	-	---	-	-	-	-	-	-	-	-

* 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

Front Line Demonstration on Tomato Arka Abhed			
			
Input distribution	**One day training under FLD**	**Seed sowing under FLD**	**Seedlings ready for transplanting**

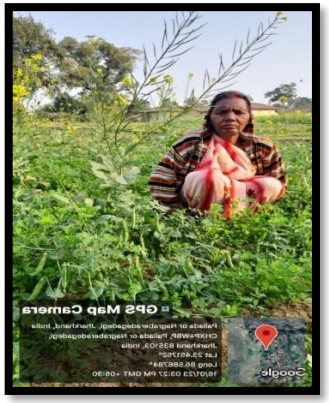
		
Transplanting of seedlings	**FLD Plot after Transplanting**	

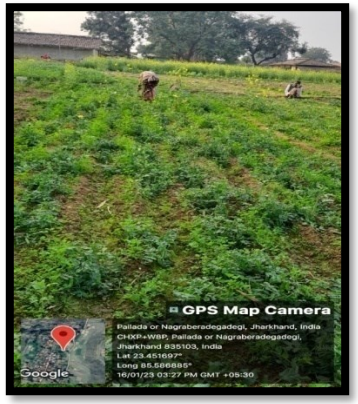
	
Growth Phase of Tomato - Arka Abhed	**Staking in Tomato**

Front Line Demonstration on Vegetable Pea cv. Pusa Pragati



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



Field Photographs of demonstration of vegetable pea var. Pusa Pragati

Front Line Demonstration on Elephant Foot Yam cv. Gajendra

Field Photographs of demonstration of Elephant Foot Yam var. Gajendra

Front Line Demonstration on Onion cv. NHRDF Red - 3

Training and Seed distribution of NHRDF Red 3 under FLD

Seed sowing

Germination stage of onion seed

Transplanting of onion seedlings

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmers	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	10	4	15.50	12.00	29.16	34.1	25.57	24347	38750	14103	1.59	21425	30000	8575	1.40
Paddy	Crop Production	HYV CR Dhan 320	5	2	60.93	48.5	25.63	118 days (Maturity duration)	126 days (Maturity duration)	76162	124297.2	48135.2	1.63	74250	98940	24690	1.33
		Total	15	6													

Field Photographs of FLD on Finger millet var. A-404

FLD photographs of Paddy variety CR Dhan 320

Seed Distribution under FLD on Paddy

Nursery Raising at Soso village

Scientist Visit to Farmer's Field

Demonstration plot of CR Dhan 320 at Soso village of Angara Block

Crop cutting program of CR Dhan 320 at Soso village, Angara, Ranchi

Demonstration details on crop hybrid varieties

Crop	Name of the Hybrid	No. of Farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Cereals										
Bajra	-	-	-	-	-	-	-	-	-	-
-Maize	-	-	-	-	-	-	-	-	-	-
Paddy	CR 320	10	4	15.50	12.00	29.16	34.1	25.57	24347	38750
Sorghum	-	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-	-
Others (Finger millet)	-	-	-	-	-	-	-	-	-	-
Total Cereals		10	4							
Oilseeds										
Castor	-	-	-	-	-	-	-	-	-	-
Mustard	PM 30	100	40	14.5	9.5	52.63	36500.00	87000.00	50500.00	2.38
Safflower	-	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-	-
Sunflower	-	-	-	-	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-	-	-	-	-
Soybean	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
Total Oilseeds		100	40							
Pulses										
Greengram	-	-	-	-	-	-	-	-	-	-
Blackgram	-	-	-	-	-	-	-	-	-	-
Bengalgram	-	-	-	-	-	-	-	-	-	-
Redgram	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
Total Pulses										
Vegetable crops										
Bottle gourd	-	-	-	-	-	-	-	-	-	-
Capsicum	-	-	-	-	-	-	-	-	-	-
Cucumber	-	-	-	-	-	-	-	-	-	-
Tomato	Arka Abhed	25	2	473	355	33.23	75000	378400	313400	4.17

Crop	Name of the Hybrid	No. of Farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Brinjal	-	-	-	-	-	-	-	-	-	-
Okra	-	-	-	-	-	-	-	-	-	-
Onion	NHRDF Red 3	17	2	205	162	26.54	64500	212300	163000	2.53
Potato	-	-	-	-	-	-	-	-	-	-
Field bean	-	-	-	-	-	-	-	-	-	-
Others (Vegetable pea)	Pusa Pragati	25	5	68	59	15.25	62000	136000	74000	2.19
Others (Elephant Foot Yam)	Gajendra	5	0.3	297.5	215.2	38.24	293164	743750	450586	2.54
Others (Nutri Garden)	HYVs	25	0.1	1.8 q/dismil (Unit)	-	-	875	1280	375	0.43
Total Veg. Crops		92	9.4							
Commercial Crops										
Cotton										
Coconut										
Others (Pl. specify)										
Total Commercial Crops										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)	J 1004	50	50	20	33	13	-	-	480	1500
Sorghum (Fodder)										
Others (Pl. specify)										
Total Fodder Crops		50	50							

* 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

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	20	33	13	-	-	480	1500	1020	3.12	360	950	590	2.63
Rabbitry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pigerry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheep and goat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Duckery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (Fodder Maize)	Nutrition management	Fodder maize production (J-1006)	40	40	12.40lit/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

FLD Animal Husbandry – Utilization of turmeric powder to enhance immunity in backyard poultry chicks

Distribution and proper mixing of turmeric powder with feed

Distribution of turmeric powder mixed feed

Distribution of fodder maize seed

On crop field

Training on fodder management in dairy animals

Recording of data at milk collection center

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

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	Enterprise development	65	65	27	23	17.39	4.5	11.3	850.00	2400.00	1550.00	2.82	790.00	1970.00	1180.00	2.49
Button mushroom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermi compost	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apiculture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl. specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		65	65													

* 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

Front Line Demonstration on Oyster Mushroom

Women empowerment

Category	Name of technology	No. of demonstrations	Observations		Remarks
			Demonstration	Check	
Farm Women	-	-	-	-	-
Pregnant women	-	-	-	-	-
Adolescent Girl	-	-	-	-	-
Other women	-	-	-	-	-
Children	-	-	-	-	-
Neonatal	-	-	-	-	-
Infants	-	-	-	-	-

Farm implements and machinery

Name of the implement	Crop	Name of the technology demonstrated	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									

* 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

Farm Machinery

Category	Name of the implement / Equipment / Tool	Crop (if applicable)	No. of Technologies	No. of Demos	Area (ha)
Sowing and planting tools and machineries					
Total					
Intercultural operation tools and machineries					
Total					
Irrigation management tools and machineries					
Total					
Plant protection tools and machineries					
Total					
Harvesting tools and machineries					
Total					
Postharvest processing tools and machineries					
Total					
Total mechanization tools and machineries					
Total					
Others					
Total					
Grand Total					

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back

Farm implements and machinery

Name of the implement	Crop	Name of the technology demonstrated	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									
Manual Vegetable Transplanter	Cauliflower	Nursery Transplanting	14	5	700/man hour	400/man hour	42.85		10				4500		
Multi Tool Kit	Tomato	Intercultural operation/soil milling	15	5	50 man hour /ha	100 man hour /ha	50		8				4000		
Fertilizer Broadcaster	Paddy	Fertilizer application	13	5	6 man hour /ha	hour /ha	25		4				1800		

* 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

Farm Machinery

Category	Name of the implement / Equipment / Tool	Crop (if applicable)	No. of Technologies	No. of Demos	Area (ha)
Sowing and planting tools and machineries					
	Manual Vegetable Transplanter	Cauliflower	1	14	5
Total			**1**	**14**	**5**
Intercultural operation tools and machineries					
	Multi Tool Kit	Tomato	**2**	**15**	**5**
Total			**2**	**15**	**5**
Irrigation management tools and machineries					
Total					
Plant protection tools and machineries					

Total					
Harvesting tools and machineries					
Total					
Postharvest processing tools and machineries					
Total					
Total mechanization tools and machineries					
Total					
Others					
	Fertilizer Broadcaster	Paddy	**1**	**13**	**5**
Total			**1**	**13**	**5**
Grand Total			**4**	**42**	**15**

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back

Fertilizer Boradcaster **Nursery Planter**

Extension and Training activities under FLD

Sl.No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	4.2.22	1	51	-
		10.2.22	1	50	-
		14.2.22	1	41	-
2.	Farmers Training	8.2.22	1	21	-
		12.4.22	1	21	-
		19.4.22	1	69	-
		3.5.22	1	16	-
		6.7.22	1	20	-
		18.7.22	1	17	-
		6.8.22	1	20	-
-		23.8.22	1	15	-
		3.8.22	1	18	-
		11.8.22	1	19	-
		26.8.22	1	41	-
		19.9.22	1	16	-
		26.9.22	1	27	-
		1.9.22	1	38	-
		11.10.22	1	35	-
		19.10.22	1	16	-
		19.10.22	1	26	-
		19.10.22	1	25	-
		20.10.22	1	10	-
		22.10.22	1	36	-
		27.10.22	1	13	-
		11.10.22	1	23	-
		28.11.22	1	15	-
		5.11.22	1	36	-
3.	SVFF	17.1.2.22 11.1.22	1 1	8 7	-
		4.2.22	1	6	-
		16.3.22	1	5	-
		24.8.22	1	4	-
	Kisan Gosthi	19.1.22	1	47	-
		22.2.22	1	50	-
		2.12.22	1	52	-

		5.12.22	1	40	-
3.	Media coverage	17.6.22	1	-	-
		9.8.22	1	-	-
		5.8.22	1	-	-
		2.9.22	1	-	-
4.	Training for extension functionaries	-	-	**-**	-

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif and Rabi: 2022-23

A. 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 (2021-22)	Pusa 256	12.25	**8.6**	**12.28**	**18**	New variety PUSA 3043 ,use of Bio fertilizers, line sowing, use of INM &IPM	25	10	13.12	18.75	15.62	81.62	27.19	-29.88
2	lentil (2021-22)	K-851	9.00	8.00	8.50	14	New variety L4717,use of Bio fertilizers, line sowing, use of INM &IPM	25	10	13.10	9.50	11.00	37.5	29.41	-21.42
3	Mustard (2021-22)	Siwani	9.25	8.00	8.25	18.25	New variety u PM-30 use of Biofertilixer, line sowing, use of INM &IPM	150	60	15.70	9.25	14.10	76.25	70.90	-22.73
4	Linseed (2021-22)	Krishna	7.75	6.00	6.18	12-13	New variety **Priyam**,use of Biofertilixer, line sowing, use of INM &IPM	50	20	10.75	7.90	9.95	95.83	53.07	-23.46
5	Black gram (2022-23)	T-9	9.50	8.6	9.03	15	New variety Pant U 31 ,use ofBiofertilizers,	50	20			12.25			

							line sowing, use of INM &IPM								
6	Green gram (2022-23)	K 851	9.10	8.6	8.03	12.5	New variety Virat use of Biofertilixer, line sowing, use of INM &IPM	50	20			10.00			
7	Pigeonpea (2021-22)	Local	9.20	10.29	11.17	18-19	New variety Rajiv Lochan use of Bio fertilizer, line sowing, use of INM &IPM	50	20	14.05	8.5	13.15	46.11	12.35	-22.6
8	Sesame (2022-23)	Kankesaphed	4.90	4.50	3.9	7.50	New variety RT-346,use of Bio fertilizer, line sowing, use of INM &IPM	25	10	7.10	3.65	6.05			
9	Niger (2022-23)	BN2	5.05	4	5.02	7.00	New varitietyBN-3,use of Bio fertilizer, line sowing, use of NainoureaINM&IPM	50	20	7.50	4.10	6.35			

B. 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	35000	47070	12070	1.34	45200	81692	36492	1.80
2	New variety L4717, , use of Bio-fertilizers , line sowing, use of INM &IPM	31500	49500	18000	1.57	35100	60500	25000	1.72

3	New variety PM-30, use of Bio-fertilizers , line sowing, use of INM &IPM	28250	45450	17200	1.60	32600	71205	38605	2.18
4	New variety PRIYAM , use of Bio-fertilizers , line sowing, use of INM &IPM	22500	47275	24775	2.10	25100	60695	35595	2.41
5	New variety PantU31 , use of Bio-fertilizers , line sowing, use of INM &IPM			62700			88850		
6	New variety Samrat, use of Bio-fertilizers , use of Bio-fertilizers , line sowing, use of INM &IPM.			70570			93060		
7	New variety Samrat, use of Bio-fertilizers , line sowing, use of INM &IPM								
8	New variety RT-346, use of Bio-fertilizers , line sowing, use of INM &IPM	22500	38367	15867	1.70	23500	47371.5	23871.5	2.01
9	New variety BN-3, use of Bio-fertilizers , line sowing, use of INM &IPM	20950	36799.35	15849	1.75	22300	46272.45	23972.45	2.07

C. Socio-economic impact parameters

Sl. N	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 (2021-22)	1562	1410	52.30	80	72	food,education,& Health	92
2	Lentil (2021-22)	1100	1000	55	30	70	food,education,& Health	72
3	Mustard (2021-22)	1410	1350	50.50	5	55	food,education,& Health	92
4	Linseed (2021-22)	995	900	61	25	70	food,education,& Health	72
5	Black gram (2022-23)	1225		66	20	30	food,education,& Health	72
6	Greengram (2022-23)	1200		77.55	25	50	food,education,& Health	85
7	Pigeon pea (2021-22)	1315	1250	63	20	45	food,education,& Health	101
8	Sesame (2022-23)	605	549	78.30	6	50	food,education,& Health	75
9	Niger (2022-23)	635	569	72.87	6	60	Education,& Health	65

D. 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	Ranchi district is having undulated land with less water holding capacity. Chick pea is	It is a cheap source of protein for resource poor farmers in district. Besides				

	1.**Introduction of new improved variety(**PUSA-3043) 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), Neem oil on every 15 days interval . Yellow sticky trap was used @ 20 sticky trap per ha. for identification and control of insect.	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. 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.	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 eating which reduces carving for more foo				
2	Lentil 1.**Introduction of new improved variety** (L-4717) **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 and control of insect.	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 eating which reduces carving for more food				
3	Mustard Introduction of new improved variet Mustard Pusa M-30	Bee-keeping is an integral part of tribal agriculture mustard farming is highly suitable to the areas where beekeeping is being done.	Farmers preferred to grow mustard as it is highly required for house hold purpose, suitable for bee-keepers, mustard cake used				

	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.	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	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 @ 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.	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				
5	Black gram 1.**Introduction of new improved variety**- Pant urad-31 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	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	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

		purpose as well as for income generation.		with low input cost			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 , along with seed treatment by Rhizobium and PSB @ 200 gm per 10 kg seed each. Use of liquid bio pesticides (Dasparni).	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 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	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 eating which	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.
7	Pigeon pea						
8	Sesame 1.Introduction of new improved variety: RT-346 2.INM& IPM practices (Recommended dose of fertilizer 40:40:20: N:P: K, application along with seed	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	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	No	It is acceptable to marginal and medium land of the farmers	

	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.	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.		incidence. It is suitable for upland rainfed areas.			
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	

E. 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(2021-22)		15.62	12.25	27.51	
Lentil(2021-22)		11.00	9.00	22.22	
Mustard(2021-22)		14.00	9.25	51.35	
Linseed(2021-22)		9.95	7.75	28.38	

Black gram (2022-23)	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	12.25	9.5	28.94	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 29.72 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.
Green gram (2022-23)	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.	12.00	9.10	31.86	Green Gram Less incidence of disease and pest in comparison of local variety reported by farmers 2. Yield was 27.11per 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 (2021-22)	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 tribal farmers of Ranchi district. Farmers are enthusiastic for black gram farming for house hold purpose as well as for income	13.15	9.20	42.93	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 29.66 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

	generationIt is acceptable and suitable for upland rainfed areas of Ranchi district				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 (2022-23)	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	6.05	4.90	23.46	1.Since yield from introduced variety was 44.47 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 (2022-23)	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.	6.35	5.05	25.74	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

F. Extension activities under FLD/CFLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Training cum follow up on chick pea	01/10/2021 Geswe	21
		15/11/2021 khuter	62

		9/3/2022 rakhot	127
		21/1/2022 kotha	53
		Total	263
2	Training cum follow up on lentil	21/9/2021 chaturdih	33
		1/10/2021 lawagara	21
		15/11/2021 khuter	62
		9/3/2022 rakhot	127
		21/1/2022 kotha	53
		Total	296
3	Training cum follow up on Mustard	21/09/2021 chaturdih	33
		01/10/2021 Geswe	21
		19/10/2021 kotha	44
		22/12/2021 Sumu	32
		22/12/2021 Khuter	41
		Total	171
4	Training cum follow up on Linseed	01/10/2021 Lawagara	21
		09/03/2022 Kotha	127
		Total	148
5	Training cum follow up on Black Gram	09.04.21 dublabera	45
		12.07.21 Chorya	16
		09.09.21 Katandiri	12
		21.09.21 chaturdih	33
		01.10.21 Lawagara,Geswe, Katindiri, bogda	21
		6.8.21 sursu	21
		Total	148
6	Training cum follow up on Green Gram	16.06.2022 Chipibanddih, Lenkia, Dimra	89
		06.07.2022 Kanadih	20
		25.07.2022 Ranodaru	15
		Total	124

7	Training cum follow up on Pigeon pea	09.04.21 dublabera	45
		12.07.21 Chorya	16
		09.09.21 Katandiri	12
		21.09.21 chaturdih	33
		01.10.21 Lawagara,Geswe, Katindiri, bogda	21
		6.8.21 sursu	21
		Total	148
	Training cum follow-up for Sesame	08.07.2022 Ober	31
		11.07.2022 Kutulova	23
		Total	54
9	Training cum follow-up for Niger	11.07.2022 Kutulova	23
		15.07.2022 Badkigorang	37
		08.07.2022 Ober	31
		08.10.2022 Khaksitoli	45
		Total	136
		Sub Total	1434

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

Cluster Front Line Demonstration

Lentil seeds Distibution

Field visit of lentil

Training on mustard

Demonstration field of mustard

Mustard seeds distribution

Field visit of mustard

Linseed input distribution

Field visit of Linseed

Demonstration field of linseed

Green gram seeds distibution

Demonstration field of green gram

Demonstration field of black gram

Training on green gram

Field visit of pigeon pea

Demonstration field of Pigeon pea

Training on pigeon pea

Field visit of sesame

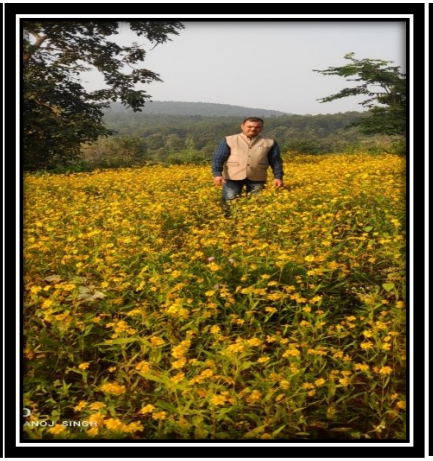
Training on sesame

Field visit of sesame

Demonstration field of niger

Input distribution of niger

Field visit of niger



Demonstration field of niger

SN.	Crop (provide crop wise information)	Items	Budget (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
1	Chick pea(2021-22)	i) Critical input	81000	80851	149
		ii) TA/DA/POL etc. for monitoring	9000	6641	2359
2	lentil(2021-22)	i) Critical input	81000	73790	7210
		ii) TA/DA/POL etc. for monitoring	9000	6711	2289
3	Mustard(2021-22)	i) Critical input	162000	77760	84240
		ii) TA/DA/POL etc. for monitoring	18000	8640	9360
4	Linseed (2021-22)	i) Critical input	45000	21600	23400
		ii) TA/DA/POL etc. for monitoring	5000	2400	2600
5	Black gram (2022-23)	i) Critical input	81000	80979	21
		ii) TA/DA/POL etc. for monitoring	9000	5198	3802
6	Green gram(2022-23)	i) Critical input	81000	80987	13
		ii) TA/DA/POL etc. for monitoring	9000	5406	3594
7	Pigeon pea(2021-22)	i) Critical input	81000	80987	13
		ii) TA/DA/POL etc. for monitoring	9000	9007	-7
8	Sesame(2022-23)	i) Critical input	135000	64800	70200
		ii) TA/DA/POL etc. for monitoring	15000	7200	7800
9	Niger(2022-23)	i) Critical input	90000	43200	46800
		ii) TA/DA/POL etc. for monitoring	10000	4800	5200

Extension and Training activities under FLD/CFLD

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	**Chick pea (Field Day, Training cum follow up)**	01/10/2021 Geswe 15/11/2021 khuter 15/11/2021 somu 9/3/2022 rakhot 9/3/2022 khuter 9/3/2022 somu 21/1/2022 kotha	263
2	**lentil (Field Day, Training cum follow up)**	21/9/2021 chaturdih 1/10/2021 lawagara 1/10/2021 bogda 1/10/2021 geswe 15/11/2021 khuter 15/11/2021 somu 9/3/2022 rakhot 9/3/2022 khuter 9/3/2022 somu 21/1/2022 kotha	296
3	**Mustard (Field Day, Training cum follow up)**	21/09/2021 chaturdih 01/10/2021 Geswe 19/10/2021 kotha 19/10/2021 Khuter 22/12/2021 Sumu 22/12/2021 Khuter 02.02.2022 Dowaya	171
4	**Linseed (Field Day, Training cum follow up)**	01/10/2021 Lawagara 01/10/2021 katandiri 01/10/2021 bogda 09/03/2022 Kotha 09/03/2022 Khuter 09/03/2022 Sumu	148

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
5	**Black Gram (Field Day, Training cum follow up)**	08.07.2022 Ober 08.07.2022 Soso 25.07.2022 Ranodaru 12.08.2022 Khaksitoli 08.10.2022 Khaksitoli	121
6	**Green Gram (Field Day, Training cum follow up)**	16.06.2022 Chipibanddih, Lenkia, Dimra 04.07.2022 Chipibanddih, Lenkia, Dimra 06.07.2022 Kanadih 25.07.2022 Ranodaru 11.08.2022 Kanadih	208
7	**Pigeon Pea (Field Day, Training cum follow up)**	09.04.21 dublabera 12.07.21 Chorya 13.07.21 Dublabera 09.09.21 Katandiri 21.09.21 chaturdih 01.10.21 Lawagara,Geswe, Katindiri, bogda 08.10.21 Dublabera 17.2.22 chaturdih 6.8.21 sursu 8.11.21 sursu	242
8	**Sesame (Field Day, Training cum follow up)**	08.07.2022 Ober 11.07.2022 Kutulova	54
9	**Niger (Field Day, Training cum follow up)**	11.07.2022 Kutulova 15.07.2022 Badkigorang 08.07.2022 Ober 08.10.2022 Khaksitoli	136

List of Farmer under FLD (Attached)

CLUSTER FRONT LINE DEMONSTRSTION PROGRAMME (CFLD) - CROP –Chick pea RABI 2020-2021

S.N.	KVK	Name of Farmer	Father Name	Address						GPS Co-Ordinates	
				Village	Block	District	Mob.No.	Adhar No.	Bank Account no.	Longitute	Latitude
1	Ranchi	Ashok Mahto	Lt. Rameshwar Mahto	Gutru, ,	Burmu	Ranchi	9308764038	285419794823	50132290174	23°58.284	85°18.644
2	Ranchi	Hiralal Mahto	Lt. Kamalnath Mahto	Geswai,	Burmu	Ranchi	9308764038	285419794823	50132290174	23°35.153	85°11.417
3	Ranchi	Ashok Kumar	Jagat Mahto	Geswai	Burmu	Ranchi	9308764038	285419794823	50132290174	23°35.162	85°13.166
4	Ranchi	Chumnu Oraon	Lohra oraon	Lundri	Chanho	Ranchi	9308764038	285419794823	50132290174	23°27.188	85°58.331
5	Ranchi	Bandhna Oraon	Lohra oraon	Lundri	Chanho	Ranchi	9308764038	285419794823	50132290174	23°27.185	85°58.358
6	Ranchi	Mangra Oraon	Lohra oraon	Lundri	Chanho	Ranchi	9308764038	285419794823	50132290174	23°27.201	85°58.312
7	Ranchi	Singi Oraon	Sahi Oraon	Lundri	Chanho	Ranchi	9308764038	285419794823	50132290174	23°27.179	84°58.419
8	Ranchi	Sonamani Oraon	Mahre Oraon	Lundri	Chanho	Ranchi	9308764038	285419794823	50132290174	23°27.187	84°58.419
9	Ranchi	Suraj Oraon	Charo Oraon	Katangdiri	Burmu	Ranchi	9308764038	285419794823	50132290174	23°58.226	85°21.328
10	Ranchi	Madra oraon	Suka Oraon	Katangdiri	Burmu	Ranchi	9308764038	285419794823	50132290174	23°58.220	85°21.301
11	Ranchi	Balgobind Mahto	Tulsi Mahto	Katangdiri	Burmu	Ranchi	9308764038	285419794823	50132290174	23°58.202	85°21.293
12	Ranchi	Anil Oraon	Binu Oraon	Katangdiri	Burmu	Ranchi	9308764038	285419794823	50132290174	23°58.070	85°21.276
13	Ranchi	Duti Mahto	Sukhnath Mahto	Katangdiri	Burmu	Ranchi	9308764038	285419794823	50132290174	23°58.232	85°21.260

14	Ranchi	sachindra Mahto	Premnath Mahto	Hesalpiri	Burmu	Ranchi	9308764038	285419794823	50132290174		
15	Ranchi	Kalicharan Mahto	Bhoca Mahto	Barodi	Burmu	Ranchi	9308764038	285419794823	50132290174	23°30.561	85°12.140
16	Ranchi	Ashok Kumar	Rameshwar Mahto	Barodi	Burmu	Ranchi	9308764038	285419794823	50132290174	23°51.558	85°20.389
17		Kameshwer Mahto	Meghnath Mahto	Surid	Burmu	Ranchi	9308764038	285419794823	50132290174	23°56.820	85°19.773
18	Ranchi	Jhalaknath Mahto	Kashinath Mahto	Surid	Burmu	Ranchi	9308764038	285419794823	50132290174	23°56.813	85°19.769
19	Ranchi	Suresh Mahto	Lt.Indraj Mahto	Mahadevtoli	Burmu	Ranchi	9308764038	285419794823	50132290174	23°58.381	85°20.670
20	Ranchi	Bhuneshwar Mahto	Bandhu mahto	Mahadevtoli	Burmu	Ranchi	9308764038	285419794823	50132290174	23°58.404	85°20.701
21	Ranchi	Basant kumar	Biswanath Mahto	Bagda	Burmu	Ranchi	9308764038	285419794823	50132290174	23°35.204	85°13.131
22	Ranchi	Yogendra Mahto	Dileshwar mahto	Bagda	Burmu	Ranchi	9308764038	285419794823	50132290174	23°35.204	85°13.131
23	Ranchi	Matan mahto	Lt. Kisun Mahto	Bagda	Burmu	Ranchi	9308764038	285419794823	50132290174	23°35.204	85°13.131
24	Ranchi	Somnath mahto	Baleshwar mahto	Bagda	Burmu	Ranchi	9308764038	285419794823	50132290174	23°35.200	85°12.591
25	Ranchi	Bartu Pahan	Lt. Mahadev Pahan	Bagda	Burmu	Ranchi	9308764038	285419794823	50132290174	23°35.204	85°13.131

CLUSTER FRONT LINE DEMONSTRSTION PROGRAMME (CFLD) - CROP -LENTIL RABI 2020-2021

S.N.	KVK	Name of Farmer	Father Name	Address						GPS Co-Ordinates	
				Village	Block	District	Mob.No.	Adhar No.	Bank Account no.	Longitute	Latitude
1	Ranchi	Mukesh Mahto	Chedi Mahto	Geswai	Burmu	Ranchi	9534218425	635214358139	492410100004781	23°34.113	85°11.469
2	Ranchi	Hiralal Mahto	Kamalnath Mahto	Geswai	Burmu	Ranchi	767678100	735459142251	492410100004781	23°34.208	85°11.527
3	Ranchi	Usman Ansari	Hashim Ansari	Geswai	Burmu	Ranchi	9608536167	799936173229	492410100004781	23°34.291	85°12.114
4	Ranchi	Hardeyal Mahto	Karu Mahto	Geswai	Burmu	Ranchi	7061341467	875889869762	492410100004781	23°34.291	85°12.116
5	Ranchi	Rajendra Mahto	Hardeyal Mahto	Geswai	Burmu	Ranchi	9523712126	542208025904	492410100004781	23°34.124	85°13.116
6	Ranchi	Ramsunar Mahto	Ganesh Mahto	Geswai	Burmu	Ranchi		830368538349	492410100004781	23°34.126	85°13.496
7	Ranchi	Brijkisor Mahto	Hardeyal Mahto	Geswai	Burmu	Ranchi	9931521207	754844647899	492410100004781	23°34.306	85°14.618
8	Ranchi	Rafik Aalam	Samsudin Ansari	Geswai	Burmu	Ranchi	7667143215	495823546891		23°34.137	85°14.511
9	Ranchi	Pako Devi	Rajnath Mahto	Geswai	Burmu	Ranchi		612242547858	492410100012180	23°34.153	85°18.264
10	Ranchi	Motilala Mahto	Hakim Mahto	Geswai	Burmu	Ranchi	6299762525	903963434000	50268857140	23°34.174	85°17.473
11	Ranchi	Malo Devi	Lahashnath Mahto	Mahadevtoli	Burmu	Ranchi		340655760949	492410110001182	23°58.423	85°20.671
12	Ranchi	Mohar nath Mahto	Nanka Mahto	Mahadevtoli	Burmu	Ranchi		915330433290	492410100002538	23°58.400	85°20.691
13	Ranchi	Mitulal Mahto	Lt. Kundan Mahto	Mahadevtoli	Burmu	Ranchi	9031265716	229338039344	21555808442	23°58.453	85°20.628
14	Ranchi	Balgobind Mahto	Lt. Lalku Mahto	Mahadevtoli	Burmu	Ranchi	8862991419	575313919342	492410100005575	23°58.404	85°20.585
15	Ranchi	Dineswar Mahto	Bandhu Mahto	Mahadevtoli	Burmu	Ranchi		698460317993	492410100007265	23°58.374	85°20.607
16	Ranchi	Bigan Mahto	Lt.Ratho Mahto	Gutru	Burmu	Ranchi	7061232440	534596642213	21555785047	23°58.454	85°18.746
17	Ranchi	Maleshwar Munda	Lt.Sudhu Munda	Gutru	Burmu	Ranchi	6205158903	819438328025	59013534395	23°58.526	85°18.586

18	Ranchi	Kashinath Mahto	Tejnath Mahto	Gutru	Burmu	Ranchi	9661487687	440639878025	21555740169	23°58.373	85°18.788
19	Ranchi	Bhupati Pahan	Lt.Devlal Pahan	Gutru	Burmu	Ranchi	7061232757	682920225843	21555744146	23°58.361	85°18.794
20	Ranchi	Raghuram Pahan	Lt.Devlal Pahan	Gutru	Burmu	Ranchi	9304582944	928725498965	492410100004807	23°58.478	85°18.675
21	Ranchi	Ramesh Munda	Lt.Charka Munda	Gutru	Burmu	Ranchi	7276090947	674848719764	50069453733	23°58.502	85°18.594
22	Ranchi	Janardhan Munda	Jageshwar Munda	Gutru	Burmu	Ranchi	6299232962	674115590530	50058309595	23°58.454	85°18.746
23	Ranchi	Suresh Kumar Munda	Lt.Sukra Munda	Gutru	Burmu	Ranchi	6201765126	671242184928	5706108000221	23°58.518	85°18.596
24	Ranchi	Budhnath Pahan	Lt.Manbodh Pahan	Gutru	Burmu	Ranchi	7482095141	767516907919	59013534362	23°58.428	85°18.771
25	Ranchi	Loknath Mahto	Lt.Rajnath Mahto	Gutru	Burmu	Ranchi	6206240647	389053789993	21555790523	23°58.438	85°18.760

CLUSTER FRONT LINE DEMONSTRSTION PROGRAMME (CFLD) - CROP -MUSTARD RABI 2021-22

S.N.	KVK	Name of Farmer	Father Name	Address						GPS Co-Ordinates	
				Village	Block	District	Mob.No.	Adhar No.	Bank Account no.	Longitute	Latitude
1	Ranchi	Rajesh Mahto	Jagat Mahto	Chutrudin	Rahe	RANCHI	8970000000	590622959798	999010064543091		
2	Ranchi	Chandra Mohan Mahto	Madhusudhan Mahto	Chutrudin	Rahe	RANCHI		629017043500	32672591830		
3	Ranchi	Purnchandra Ahir	Kalipad Ahir	Chutrudin	Rahe	RANCHI	8000000000	887964290861			
4	Ranchi	Bhuneshwar Mahto	Fekuram Mahto	Chutrudin	Rahe	RANCHI	7760000000	634883585241	9481000100000670		
5	Ranchi	Lobin Mahto	Sambat Mahto	Chutrudin	Rahe	RANCHI		522379571670	31032734229		
6	Ranchi	Pramanand Mahto	Pashupati Mahto	Chutrudin	Rahe	RANCHI		269182942265	334110028233		
7	Ranchi	Satyawan Mahto	Soma Mahto	Chutrudin	Rahe	RANCHI	7050000000	854347564653			
8	Ranchi	Shrishtidhar Mahto	Surendranath Mahto	Chutrudin	Rahe	RANCHI	8580000000	593679336676	32658740008		

9	Ranchi	Vriguram Lohra	Dukhiram Lohra	Chutrudin	Rahe	RANCHI	7260000000	238331829731	20249126679		
10	Ranchi	Dhananjay Ahir	Uday Ahir	Chutrudin	Rahe	RANCHI	7070000000	585494179015	32532165959		
11	Ranchi	Dineshwar Mahto	Dayal Mahto	Chutrudin	Rahe	RANCHI		910831595105	33012041814		
12	Ranchi	Narsingh Lohra	Akay Lohra	Chutrudin	Rahe	RANCHI			32840374788		
13	Ranchi	Lambodar Mahto	Maniram Mahto	Chutrudin	Rahe	RANCHI			32633623587		
14	Ranchi	Rajmohan Mahto	Abhiram Mahto	Chutrudin	Rahe	RANCHI		529762648106			
15	Ranchi	Vishnu ahir	Hagru Ahir	Chutrudin	Rahe	RANCHI					
16	Ranchi	Lakhindra Ahir	Udho Ahir	Chutrudin	Rahe	RANCHI					
17	Ranchi	Kshetra mohan Munda	Laxman Munda	Chutrudin	Rahe	RANCHI					
18	Ranchi	Chandramohan Munda	Laxman Munda	Chutrudin	Rahe	RANCHI					
19	Ranchi	Manoj Ahir	Sukram Ahir	Chutrudin	Rahe	RANCHI					
20	Ranchi	Narayan Ahir	Ram Ahir	Chutrudin	Rahe	RANCHI					
21	Ranchi	Kaleshwar Mahto	Dayal Mahto	Chutrudin	Rahe	RANCHI					
22	Ranchi	Jagdish Mahto	Fekuram Mahto	Chutrudin	Rahe	RANCHI					
23	Ranchi	Hiralal Ahir	Abhimanyu Ahir	Chutrudin	Rahe	RANCHI					
24	Ranchi	Sukhnerdan Ahir	Fagu ahir	Chutrudin	Rahe	RANCHI					
25	Ranchi	Anand ahir	Dahi Ahir	Chutrudin	Rahe	RANCHI					
26	Ranchi	Manoj Mahto	Sawan Mahto	Bagda	Burmu	RANCHI		89695733306	492410110000736		
27	Ranchi	Mahabir Pahan	Lt.Arjun Pahan	Bagda	Burmu	RANCHI	8250000000	769030421775	11222301310		
28	Ranchi	Bartu Pahan	Lt.Mahadev Pahan	Bagda	Burmu	RANCHI	6200000000	783529343729	494610510002604		
29	Ranchi	Motilal Mahto	Mahabir Mahto	Bagda	Burmu	RANCHI	8100000000	865678376559	494610510003335		
30	Ranchi	Kuleshwar Mahto	Mohan Mahto	Bagda	Burmu	RANCHI	9300000000	672761522128	4924101100006680		
31	Ranchi	Surjan Oraon	Charwa Oraon	Katangdiri	BERO	RANCHI	9110000000	9113498653	492411000000000		
32	Ranchi	Madra oraon	Suka Oraon	Katangdiri	Burmu	RANCHI	7060000000	7061084584	492410510001150		

33	Ranchi	Anil Oraon	Binu Oraon	Katangdiri	Burmu	RANCHI	9840000000	6207356467	21555787180		
34	Ranchi	Ganpat Lohra	Mahabir Lohra	Katangdiri	Burmu	RANCHI	6210000000	9608560110	21555789110		
35	Ranchi	Gopal Oraon	Suka Oraon	Katangdiri	Burmu	RANCHI	8880000000		50221389810		
36	Ranchi	Moharnath mahto	Anand Mahto	Katangdiri	Burmu	RANCHI	6200000000		21555799263		
37	Ranchi	Manoj Mahto	Ravilal Mahto	Katangdiri	Burmu	RANCHI	8880000000		21555787180		
38	Ranchi	Umesh Oraon	Sivcharan Oraon	Katangdiri	Burmu	RANCHI	9110000000	9608673850	21555789110		
39	Ranchi	Binod Oraon	Dashrath Oraon	Katangdiri	Burmu	RANCHI	9610000000	8084070244	49248210006130		
40	Ranchi	Lalit Oraon	Dinesh Oraon	Katangdiri	Burmu	RANCHI	7290000000	9801157093	21555788162		
41	Ranchi	Guna Oraon	Budhwa Oraon	Lundri	Chanho	RANCHI	9660000000		21555792543		
42	Ranchi	Bita Oraon	Dhore Oraon	Lundri	Chanho	RANCHI	8290000000	490154845829	49031011011897		
43	Ranchi	Hose Oraon	Charo Oraon	Lundri	Chanho	RANCHI		686364191015	490310510005112		
44	Ranchi	Karma Oraon	Budha Oraon	Lundri	Chanho	RANCHI	9770000000		490310110007349		
45	Ranchi	Mera Oraon		Lundri	Chanho	RANCHI	9660000000				
46	Ranchi	Anil Oraon	Mahadev Oraon	Lundri	Chanho	RANCHI	7970000000	688087772304	490310510008293		
47	Ranchi	Jhuba Oraon	Sohrai Oraon	Lundri	Chanho	RANCHI	6360000000	22174715952649	490310110012032		
48	Ranchi	Some Oraon	Mangna Oraon	Lundri	Chanho	RANCHI					
49	Ranchi	Sonamani Oraon	Mahre Oraon	Lundri	Chanho	RANCHI	7250000000	875238725458	490318210000440		
50	Ranchi	Signi Oraon	Sahi Oraon	Lundri	Chanho	RANCHI	8430000000	699148915500	490318210000446		
51	Ranchi	Mahli Oraon	Some Oraon	Lundri	Chanho	RANCHI		510027056491			
52	Ranchi	Besa Oraon	Budhwa Oraon	Lundri	Chanho	RANCHI	8250000000		22010891933		
53	Ranchi	Sunil Oraon	Laxman Oraon	Lundri	Chanho	RANCHI	9690000000	749633248436	490310510008920		
54	Ranchi	Jasim Ansari	Sahud Ansari	Lundri	Chanho	RANCHI	8210000000				
55	Ranchi	Mahabir Oraon	Mahadev Oraon	Lundri	Chanho	RANCHI	6200000000		746010614245		
56	Ranchi	Balia Oraon	Bhairo Oraon	Lundri	Chanho	RANCHI	6200000000	205270054940	31845344418		
57	Ranchi	Shivdev Oraon	Sitaram Oraon	Lundri	Chanho	RANCHI	6200000000	911488107760	746010621236		

58	Ranchi	Suresh Oraon	Gaoriya Oraon	Lundri	Chanho	RANCHI	7290000000	283826547415	36699122405		
59	Ranchi	Etwa Oraon	Dhore Oraon	Lundri	Chanho	RANCHI	7370000000	597955502732	746010745239		
60	Ranchi	Ganesh Oraon	Mangna Oraon	Lundri	Chanho	RANCHI	7900000000	834445009898	746010420662		
61	Ranchi	Rajendar Oraon	Bande Oraon	Lundri	Chanho	RANCHI	8760000000		490310110002301		
62	Ranchi	Somra Oraon	Jitu Oraon	Lundri	Chanho	RANCHI	9290000000		490310110011809		
63	Ranchi	Budhwa Oraon	Kawri Oraon	Lundri	Chanho	RANCHI	7630000000	526154274673	746080241687		
64	Ranchi	Karmi Oraon	Anand Oraon	Lundri	Chanho	RANCHI	7460000000		49031671000004		
65	Ranchi	Jura Oraon	Jauni Oraon	Lundri	Chanho	RANCHI	7030000000		490310110003956		
66	Ranchi	Dasrath Oraon	Juri Oraon	Lundri	Chanho	RANCHI					
67	Ranchi	Manti Devi	Puna Oraon	Lundri	Chanho	RANCHI			746010430814		
68	Ranchi	Sohrai Oraon	Mahadev Oraon	Lundri	Chanho	RANCHI	9630000000		36843619957		
69	Ranchi	Charo Oraon	Ramnat Oraon	Lundri	Chanho	RANCHI					
70	Ranchi	Somrai Oraon	Charo Oraon	Lundri	Chanho	RANCHI					
71	Ranchi	Tijun Oraon	Birsa Oraon	Lundri	Chanho	RANCHI	9510000000		22010848412		
72	Ranchi	Bhukhli Oraon	Khetwa Oraon	Lundri	Chanho	RANCHI		207625943640	490318210005904		
73	Ranchi	Fagu Oraon	Gansu Oraon	Lundri	Chanho	RANCHI					
74	Ranchi	Gansu Oraon		Lundri	Chanho	RANCHI		828525558128			
75	Ranchi	Praveen Oraon	Chepo Oraon	Lundri	Chanho	RANCHI		650529924566			
76	Ranchi	Jamil Ansari	Almat Ansari	Lundri	Chanho	RANCHI		258228001169	490310110014653		
77	Ranchi	Ramchandra Oraon	Bisnu Oraon	Lundri	Chanho	RANCHI	7070000000	360266477013			
78	Ranchi	Lilu Oraon	Birsa Oraon	Lundri	Chanho	RANCHI		695366514472			
79	Ranchi	Mahe Oraon	Punay Oraon	Lundri	Chanho	RANCHI					
80	Ranchi	Vijay Oraon	Sibu Oraon	Lundri	Chanho	RANCHI					
81	Ranchi	Kali Oraon	Charo Oraon	Lundri	Chanho	RANCHI	9550000000	4057060424596			
82	Ranchi	Santosh Oraon	Lole Oraon	Lundri	Chanho	RANCHI	8990000000	696713172099	407010606264		
83	Ranchi	Prakash Oraon	Mangu Oraon	Lundri	Chanho	RANCHI	9300000000	232849754138	33279074935		
84	Ranchi	Karma Oraon	Mahru Oraon	Lundri	Chanho	RANCHI	9100000000	410070737474	490318210000430		
85	Ranchi	Situ Oraon	Mahru Oraon	Lundri	Chanho	RANCHI	7200000000	937524974199	2201084252		
86	Ranchi	Sonamati Oraon	Atwa Oraon	Lundri	Chanho	RANCHI	8760000000		490310110002301		
87	Ranchi	Tulshi Oraon	Bande Oraon	Lundri	Chanho	RANCHI	9800000000	643085634799	22010865562		
88	Ranchi	Budhwa Oraon	Karma Oraon	Lundri	Chanho	RANCHI		795863578783	32850666906		

89	Ranchi	Pancham Oraon	Charo Oraon	Lundri	Chanho	RANCHI	6200000000	897962092300	590518210001849		
90	Ranchi	Chumnu Oraon	Karma Oraon	Lundri	Chanho	RANCHI	9800000000	256291259602	22010871531		
91	Ranchi	Jatru Oraon	Biga Oraon	Lundri	Chanho	RANCHI	7780000000	731375454838			
92	Ranchi	Suraj Oraon	Lt.Charo Oraon	Lundri	Chanho	RANCHI	9660000000	239171084389			
93	Ranchi	Mangra Oraon	Lt. Lohra Oraon	Lundri	Chanho	RANCHI	8760000000	390793187854			
94	Ranchi	Bahura Oraon	Ramnath Oraon	Lundri	Chanho	RANCHI					
95	Ranchi	Ramjit Oraon	Lt.Sibu Oraon	Lundri	Chanho	RANCHI	9330000000	527095480668			
96	Ranchi	Goyo Oraon	Lt.Sukra Oraon	Lundri	Chanho	RANCHI	9330000000	421334003573			
97	Ranchi	Chumnu Oraon	Lt.Lohra Oraon	Lundri	Chanho	RANCHI	9110000000	256291259602	490318210000447		
98	Ranchi	Mahabir Oraon	Ghamru Oraon	Lundri	Chanho	RANCHI		32392078256282			
99	Ranchi	Aasha Devi	Vikash Prasad	Lundri	Chanho	RANCHI		273794129406	22010877667		
100	Ranchi	Bandhana Oraon	Lohra oraon	Lundri	Chanho	RANCHI	9010000000	536511727750	49318210000412		
101	Ranchi	Munni Devi	Mangra Oraon	Lundri	Chanho	RANCHI	7730000000				
102	Ranchi	Minsariya Oraien	Gorriya Oraon	Lundri	Chanho	RANCHI	8000000000				
103	Ranchi	Balmohan Oraon	Jahnara Oraon	Lundri	Chanho	RANCHI	6370000000				
104	Ranchi	Gopal Oraon	Goyo Oraon	Lundri	Chanho	RANCHI			22010922588		
105	Ranchi	Ramjit Oraon	Sibu Oraon	Lundri	Chanho	RANCHI		527095480668	490310110005793		
106	Ranchi	Shila Oraon	Chumnu Oraon	Lundri	Chanho	RANCHI	726000000	275909720806	22010849787		
107	Ranchi	Fulmani Oraon	Bande Oraon	Lundri	Chanho	RANCHI	9010000000	480663674548	490310110005793		
108	Ranchi	Goidi Oraon	Mahabir Oraon	Lundri	Chanho	RANCHI	9970000000		490310110007294		
109	Ranchi	Ram Oraon	Somra Oraon	Lundri	Chanho	RANCHI	6300000000	781330474556	2201086196		
110	Ranchi	Goyo Oraon	Biga Oraon	Lundri	Chanho	RANCHI	9910000000	421334003573	746010324311		
111	Ranchi	Mahabir Oraon	Ghamru Oraon	Lundri	Chanho	RANCHI	9970000000	392078256282	490310110007294		
112	Ranchi	Jatru Oraon	Lt.Biga Oraon	Lundri	Chanho	RANCHI	7780000000	531375454838	1820005771		

113	Ranchi	Basudev Soni	Bindeshwar Soni	Lundri	Chanho	RANCHI	6200000000	531375454838	49031210000445		
114	Ranchi	Parna Oraon	Bishwa oraon	Lundri	Chanho	RANCHI	7860000000	565779965106	7460107577		
115	Ranchi	Naray Oraon	Chamra Oraon	Lundri	Chanho	RANCHI	9660000000	582422414270	22010906429		
116	Ranchi	Titar Oraon	Bhokro Oraon	Lundri	Chanho	RANCHI	779000000	321893549316	22010869758		
117	Ranchi	Suka Oraon	Gajendra Oraon	Lundri	Chanho	RANCHI	994000000	267900336452	22010922703		
118	Ranchi	Meena Oraon	Palna Oraon	Lundri	Chanho	RANCHI		350455993525	746010757768		
119	Ranchi	Ajmer Ansari	Kaju Ansari	Lundri	Chanho	RANCHI		744152766191	22010861205		
120	Ranchi	Sama Khatun		Lundri	Chanho	RANCHI	7560000000		490310110006225		
121	Ranchi	Ram Oraon	Dama Oraon	Lundri	Chanho	RANCHI		781330974556	490310110006826		
122	Ranchi	Nane Oraon	Punai Oraon	Lundri	Chanho	RANCHI	8080000000	552499160865			
123	Ranchi	Ajay Oraon	Birsa Oraon	Lundri	Chanho	RANCHI	7760000000	336972048616	746010293471		
124	Ranchi	Sanjeev Oraon	Vijay Oraon	Lundri	Chanho	RANCHI	7860000000	209461558429			
125	Ranchi	Puna Oraon	Mangla oraon	Lundri	Chanho	RANCHI	7320000000	479485508920	22010871116		
126	Ranchi	Chonga Oraon	Lt.Uday Oraon	Lundri	Chanho	RANCHI	8080000000		22010865040		
127	Ranchi	Suka Oraon	Gajendra Oraon	Lundri	Chanho	RANCHI	9940000000	2679003364452	22010922703		
128	Ranchi	Dasrath Oraon	Sowa Oraon	Lundri	Chanho	RANCHI	7670000000	2098655108457	490310110005661		
129	Ranchi	Kailash Oraon	Mahadev Oraon	Lundri	Chanho	RANCHI	8080000000	557381859453			
130	Ranchi	Gangasaran Sahu	Shiledani Sahu	Lundri	Chanho	RANCHI	9300000000		22010889628		
131	Ranchi	Muni Devi	Mangra Oraon	Lundri	Chanho	RANCHI					
132	Ranchi	Kewal Bediya	Jangal Bediya	Lundri	Chanho	RANCHI	8580000000				
133	Ranchi	Naresh Bediya	Lt Bandhu Bediya	Dublabera	Angara	RANCHI	7490000000	275965905125			
134	Ranchi	Virendar Bediya	Sakra Bediya	Dublabera	Angara	RANCHI					
135	Ranchi	Ajay Bediya	Asharam Bediya	Dublabera	Angara	RANCHI	6200000000	601476782147	49471100000000		
136	Ranchi	Birsa Bediya	Jhabu Bediya	Dublabera	Angara	RANCHI		901505147286			
137	Ranchi	Sobharam Bediya	Lt Basudev Bediya	Dublabera	Angara	RANCHI	8880000000	422880799222	494710000000000		
138	Ranchi	Suresh Bediya	Lt Bandhu Bediya	Dublabera	Angara	RANCHI	7060000000	789588712421	494710000000000		

139	Ranchi	Rajkumar Bediya	Ketuwa Bediya	Dublabera	Angara	RANCHI	8100000000	783999312646	49471000000000		
140	Ranchi	Ramkumar Bediya	Mohan Bediya	Dublabera	Angara	RANCHI	8760000000	692591450877	710104000000000		
141	Ranchi	Amit Bediya	Bigu Bediya	Dublabera	Angara	RANCHI	6200000000	581022775760	494711000000000		
142	Ranchi	Nanki Devi	Tewari Bediya	Dublabera	Angara	RANCHI		660632477363			
143	Ranchi	Mukul Karmali	Suresh Karmali	Dublabera	Angara	RANCHI	6300000000	563375283039	494710000000000		
144	Ranchi	Kuwari Devi	Sanicharwa Kamali	Dublabera	Angara	RANCHI					
145	Ranchi	Shivnarayan Munda	Lt Jagarnath munda	Dublabera	Angara	RANCHI	6210000000	667978427564	494710000000000		
146	Ranchi	Ganesh Munda	Lt Jagarnath Munda	Dublabera	Angara	RANCHI	6032000000	285945121128	494710000000000		
147	Ranchi	Sivnath Bediya	Lt Laldev Bediya	Dublabera	Angara	RANCHI	8292000000	363929786884			
148	Ranchi	Anita Devi	Sawan Bediya	Dublabera	Angara	RANCHI	6207000000	762952633099			
149	Ranchi	Manoj Bediya	Lt Andu Bediya	Dublabera	Angara	RANCHI					
150	Ranchi	Aalti Devi	Harilal Bediya	Dublabera	Angara	RANCHI		907754113895	494711000000000		

CLUSTER FRONT LINE DEMONSTRSTION PROGRAMME (CFLD) - CROP -LENSEED RABI 2021-2022

S.N.	KVK	Name of Farmer	Father Name	Address						GPS Co-Ordinates	
				Village	Block	District	Mob.No.	Adhar No.	Bank Account no.	Longitute	Latitude
1	Ranchi	Kewal Bediya	Jangal Bediya	Dublabera	Angara	Ranchi	8580255874		494710510004696		
2	Ranchi	Naresh Bediya	Lt Bandhu Bediya	Dublabera	Angara	Ranchi	7488272435				
3	Ranchi	Virendar Bediya	Sakra Bediya	Dublabera	Angara	Ranchi		983091048584	494710110002706		
4	Ranchi	Ajay Bediya	Asharam Bediya	Dublabera	Angara	Ranchi	6203759174	601476792147	494710510001693		
5	Ranchi	Birsa Bediya	Jhabu Bediya	Dublabera	Angara	Ranchi					
6	Ranchi	Sobharam Bediya	Lt Basudev Bediya	Dublabera	Angara	Ranchi	8877132273				
7	Ranchi	Suresh Bediya	Lt Bandhu Bediya	Dublabera	Angara	Ranchi	7061446052	789588712431	494710100005135		

8	Ranchi	Rajkumar Bediya	Ketuwa Bediya	Dublabera	Angara	Ranchi	8102471481		494710110004372		
9	Ranchi	Ramkumar Bediya	Mohan Bediya	Dublabera	Angara	Ranchi	8757766439		710104000006231		
10	Ranchi	Amit Bediya	Bigu Bediya	Dublabera	Angara	Ranchi	6200023507		494710510007924		
11	Ranchi	Nanki Devi	Tewari Bediya	Dublabera	Angara	Ranchi					
12	Ranchi	Mukul Karmali	Suresh Karmali	Dublabera	Angara	Ranchi	6299689479		494710110002822		
13	Ranchi	Kuwari Devi	Sanicharwa Kamali	Dublabera	Angara	Ranchi			494710100004012		
14	Ranchi	Shivnarayan Munda	Lt Jagarnath munda	Dublabera	Angara	Ranchi	6207016224		494710100001998		
15	Ranchi	Ganesh Munda	Lt Jagarnath Munda	Dublabera	Angara	Ranchi	6031770604				
16	Ranchi	Sivnath Bediya	Lt Laldev Bediya	Dublabera	Angara	Ranchi	8292466906				
17	Ranchi	Anita Devi	Sawan Bediya	Dublabera	Angara	Ranchi	6207011469		494710110002229		
18	Ranchi	Manoj Bediya	Lt Andu Bediya	Dublabera	Angara	Ranchi					
19	Ranchi	Aalti Devi	Harilal Bediya	Dublabera	Angara	Ranchi			494710510006343		
20	Ranchi	Jageshwar Bediya	Gurku Bediya	Dublabera	Angara	Ranchi					
21	Ranchi	Jaleshwar Bediya	Shivcharan Bediya	Dublabera	Angara	Ranchi	7857806094	345771236817	494710510010495		
22	Ranchi	Lakhan Bediya	Lt Rathu Bediya	Dublabera	Angara	Ranchi	9693751295		494710100003722		
23	Ranchi	Jitendar Bediya	Sukhlal Bediya	Dublabera	Angara	Ranchi	6200018718		494710510006463		
24	Ranchi	Lakhiram Bediya	Lachu Bediya	Dublabera	Angara	Ranchi			49471050005264		
25	Ranchi	Bijendar Bediya	Baldev Bediya	Dublabera	Angara	Ranchi	8114568420				
26	Ranchi	Geeta Devi	Bijendar Bediya	Dublabera	Angara	Ranchi	9060750334		494710110005651		
27	Ranchi	Pramod Bediya	Sohan Bediya	Dublabera	Angara	Ranchi	8804838865		################		
28	Ranchi	Birsa Bediya	Lt. Jhabu Bediya	Dublabera	Angara	Ranchi					
29	Ranchi	Manoj Bediya	Andu Bediya	Dublabera	Angara	Ranchi		531380431717	494710110002109		
30	Ranchi	Ganesh Munda	Lt. Jagarnath Munda	Dublabera	Angara	Ranchi					
31	Ranchi	Shashibhushan Bediya	Lt. Laldev Bediya	Dublabera	Angara	Ranchi					

32	Ranchi	Kishor Bediya	Ketuwa Bediya	Dublabera	Angara	Ranchi	6200807029				
33	Ranchi	Lakhan Bediya	Rathu Bediya	Dublabera	Angara	Ranchi					
34	Ranchi	Aalti Devi	Harilal Bediya	Dublabera	Angara	Ranchi					
35	Ranchi	Kishor Bediya	Ketuwa Bediya	Dublabera	Angara	Ranchi		521598774159	494710510006773		
36	Ranchi	Rajesh Mahto	Jagat Mahto	Chautrudih	Rahe	Ranchi	8969293063	590622959798	################		
37	Ranchi	Lobin Mahto	Sambadh Mahto	Chautrudih	Rahe	Ranchi		522379571670	31032734229		
38	Ranchi	Briguram Lohra	Dukhi Lohra	Chautrudih	Rahe	Ranchi	8002141046	238331829731	20249126679		
39	Ranchi	Chandramohan Mahto	Madhu Mahto	Chautrudih	Rahe	Ranchi	7761848587	629017043500	32672591830		
40	Ranchi	Dineshwar Mahto	Dayal Mahto	Chautrudih	Rahe	Ranchi			33012041814		
41	Ranchi	Purnchandra Ahir	Kalipad Ahir	Chautrudih	Rahe	Ranchi		887964290861	33410028233		
42	Ranchi	Pramanad Mahto	Pashupati Mahto	Chautrudih	Rahe	Ranchi	7050196303	269182942265			
43	Ranchi	Narsingh Lohra	Akhay Lohra	Chautrudih	Rahe	Ranchi	8580003853	362954031176	32840374788		
44	Ranchi	Dhananjay Ahir	Uday Ahir	Chautrudih	Rahe	Ranchi	7261076627	585494179015	32532165959		
45	Ranchi	Shrishtidhar Mahto	Surendranath Mahto	Chautrudih	Rahe	Ranchi	7070363866	593679336676	32658740008		
46	Ranchi	Bhuneshwar Mahto	Fekuram Mahto	Chautrudih	Rahe	Ranchi		634883585241	################		
47	Ranchi	Lambodhar Mahto	Maniram Mahto	Chautrudih	Rahe	Ranchi		674559053117	32633623587		
48	Ranchi	Satywan Mahto	Soma Mahto	Chautrudih	Rahe	Ranchi		854347564653			
49	Ranchi	Ramjanam Mahto	Abhiram Mahto	Chautrudih	Rahe	Ranchi		529762648106	31193340693		
50	Ranchi	Narayan Ahir	Ram Ahir	Chautrudih	Rahe	Ranchi					
51	Ranchi	Kunjlal Mahto	Jitan Mahto	Hesalpiri	Burmu	Ranchi					
52	Ranchi	Chatu Mahto	Rambrich Mahto	Hesalpiri	Burmu	Ranchi	7542996261				
53	Ranchi	Udaynath Mahto	Sukhlal Mahto	Hesalpiri	Burmu	Ranchi					
54	Ranchi	Jaglal Mahto	Baiju Mahto	Hesalpiri	Burmu	Ranchi					
55	Ranchi	Rajkumar Mahto	Nageshwar Mahto	Hesalpiri	Burmu	Ranchi					
56	Ranchi	Jagdish Mahto	Baiju Mahto	Hesalpiri	Burmu	Ranchi					

57	Ranchi	Mahendra Kumar	Bindu Mahto	Hesalpiri	Burmu	Ranchi					
58	Ranchi	Bigan Mahto	Latal Mahto	Hesalpiri	Burmu	Ranchi					
59	Ranchi	Baleshwar Mahto	Jirbal Mahto	Hesalpiri	Burmu	Ranchi					
60	Ranchi	Falindra Mahto	Jaleshwar Mahto	Hesalpiri	Burmu	Ranchi					
61	Ranchi	Rajendar Mahto	Premnath Mahto	Hesalpiri	Burmu	Ranchi					
62	Ranchi	Anil Mahto		Hesalpiri	Burmu	Ranchi					
63	Ranchi	Dhaneshwar Mahto	Panenath Mahto	Hesalpiri	Burmu	Ranchi					
64	Ranchi	Tejnath Mahto	Panenath Mahto	Hesalpiri	Burmu	Ranchi					
65	Ranchi	Anil Mahto	Anil Mahto	Hesalpiri	Burmu	Ranchi					
66	Ranchi	Kuleshwar Mahto	Mohan Mahto	Bagda	Burmu	Ranchi	9304129325	672761522128			
67	Ranchi	Bartu Pahan	Lt.Mahadev Pahan	Bagda	Burmu	Ranchi	6204037116	783529343729			
68	Ranchi	Mahabir Pahan	Lt.Arjun Pahan	Bagda	Burmu	Ranchi					
69	Ranchi	Manoj Mahto	Sawan Mahto	Bagda	Burmu	Ranchi	8969513306	399796282576			
70	Ranchi	Parveen Mahto	Lt.Halku Mahto	Bagda	Burmu	Ranchi	9334379639	461108473703			
71	Ranchi	Yogalkishor Mahto	Lt. Agamlal mahto	Bagda	Burmu	Ranchi	6203424478				
72	Ranchi	Baliram Mahto	Lt.Lalku Mahto	Bagda	Burmu	Ranchi	8757011008	410623120048			
73	Ranchi	Motilal Mahto	Mahabir Mahto	Bagda	Burmu	Ranchi	8102286203	865678376559			
74	Ranchi	Somnath Mahto	Lt.Baleshwar Mahto	Bagda	Burmu	Ranchi	9605110298	801573059152			
75	Ranchi	Rajendar Mahto	Ramjit Mahto	Bagda	Burmu	Ranchi	7761973651				

CLUSTER FRONT LINE DEMONSTRSTION PROGRAMME (CFLD) - CROP -Black Gram - 2022 - 23

SL.NO.	NAME OF FARMER	FATHER NA	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	DHANESHWA BEDIYA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4						10.7.22	219642070360	6205922405
2	LALU MUNDA	SAMAN DEVI	Male	NAVAGADHSOS	ANGARA	RANCHI	ST	0.4	23.448759	85.581053	BOI	BKID000494	4941101000019	12.7.22	742139874632	8541856908
3	HARIYA BEDI	LATE KARMA BEDIYA	Male	OBER	ANGARA	RANCHI	ST	0.4			BOI	BKID000494	4941101100038	14.7.22	669873248089	8789572535
4	NISHANT SHA MUNDA	ADITYA PRAS SHAHI MUND	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.268	85.3645	BOI	BKID000494	4941105100051	15.7.22	309679103990	6205641837
5	PARMESHWA SHAHI	RAVINDRA PRASAD SHA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.2552	85.3621	BOI	BKID000494	4941101000046	10.7.22	873986791256	6207341950
6	BALESHWAR MUNDA	LATE MALASA MUNDA	Male	NAVAGADHSOS	ANGARA	RANCHI	ST	0.4	23.445982	85.59449	BOI	BKID000494	4941101100119	9.7.22	601760636975	9142886207
7	SHIVRAM PAH	RUSKA PAHA	Male	NAVAGADHSOS	ANGARA	RANCHI	ST	0.4	23.448877	85.58126	BOI	BKID000494	4941101000027	15.7.22	205117862638	
8	VINAY KUMAI MUNDA	LATE FUNUW MUNDA	Male	NAVAGADHSOS	ANGARA	RANCHI	ST	0.4	23.44869	85.581346	BOI	BKID000494	4941105100079	13.7.22	546950681120	8340396246
9	SUDHNA MUNDA	LATE JHABUV MUNDA	Male	NAVAGADHSOS	ANGARA	RANCHI	ST	0.4	23.44901	85.58144	BOI	BKID000494	4941101000039	12.7.22	432364782241	6203433102
10	SOMRA BEDIY	MANGTU BEI	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.267	85.305				12.7.22	738755308368	8591712591
11	ROHINA BEDI	JOGIYA BEDIY	Male	OBER	ANGARA	RANCHI	ST	0.4			CBI	CBIN028155	34957634366	13.7.22	575499331639	7857040728
12	BIDAMBAR BEDIYA	RAMSHU BEI	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.2622	85.375	BOI	BKID000494	4941101100003	14.7.22	503602069906	6201269140
13	SHANICHARW BEDIA	SOHRAIYA BE	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.2622	85.375	BOI	BKID000494	4941105100079	15.7.22	934349739540	
14	MAHADEV BE	TULSI BEDIA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.2552	85.3621	BOI	BKID000494	4941101100004	12.7.22	988481095900	
15	JAHIN BEDIA	ETWA BEDIA	Male	OBER	ANGARA	RANCHI	ST	0.4			BOI	BKID000494	4941101100058	14.7.22	949222834174	
16	MANESHWAR BEDIA	SOHRAI BEDI	Male	OBER	ANGARA	RANCHI	ST	0.4			BOI	BKID000494	4941101100026	15.7.22	850606285611	7321960575
17	MAHAVIR BE	MAHADEV BE	Male	OBER	ANGARA	RANCHI	ST	0.4			BOI	BKID000494	4941182100002	15.7.22	417145842050	
18	JOLO DEVI	GUNAGHAR BEDIA	Female	RANUDARU	ANGARA	RANCHI	ST	0.4			IOB	IOBA000338	3382010000025	14.722	667930846379	6207713182
19	SARADA DEV	BUDHRAM BEDIA	Female	RANUDARU	ANGARA	RANCHI	ST	0.4			CBI	CBIN028559	2130347020	15.7.22	382261745789	
20	SARASWATI D	KALESWAR BEDIA	Female	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCG	22010267823	14.722	941719044428	8986887754
21	JAGMOHAN BEDIA	DHANPATI BE	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCG	22010242912	15.7.22	397255900720	
22	YOGENDRA PRASAD BEDI	RAMKISHORE BEDIA	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			IOB	IOBA000338	3382010000050	14.7.22	560858738556	
23	KARTHIK BED	RAMU BEDIA	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			UBI	UBIN053009	3009024200050	15.7.22	795795095020	6206505344
24	FAGNI DEVI	MAHENDRA BEDIA	Female	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCG	84048867632	11.7.22	889397547474	
25	BUDHANWAL DEVI	DUBRAJ BEDI	Female	RANUDARU	ANGARA	RANCHI	ST	0.4			B B	BARBOVJTAT	6536810000096	14.7.22	688678344309	
26	HALDHAR BEI	BANESHWAR BEDIA	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCG	22010257859	13.7.22	414830671440	

27	SUBASH BEDI	PARIKSHIT BE	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			A B	ALLA021348	50434395786	11.7.22	9.7.228743805389	9341957228
28	LALKU BEDIA	MUNNA BED	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			IOB	IOBA000338	3382010000100	10.722	675973634843	6205569833
29	SHYAM SUND NAYAK	BUDHRAM NAYAK	Male	RANUDARU	ANGARA	RANCHI	SC	0.4			BOI	BKID000494	4941182100015	14.722	825176250757	8987668151
30	RENUKA DEV	DURYODHAN BEDIA	Female	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCG	2201023633	15.7.22	647800055281	9661820419
31	RASRAJ BEDIA	MAKUND BE	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCG	22010289609	14.722	650241238972	6299417309
32	JAGDISH BEDI	RAMNATH BE	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCG	22010288561	15.7.22	779212772370	
33	NILKANT BED	RAMNATH BE	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			B B	BARBOVJTAT	6536810000049	14.7.22	791099840766	
34	DEVILAL BEDI	MANIRAM BE	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			A B	ALLA021348	50459607410	15.7.22	881725058465	6207212261
35	RAJO DEVI	RAVINDRA BE	Female	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCG	22010314194	11.7.22	549118138380	9798970980
36	ROPAN DEVI	PUSHWA BED	Female	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCG	22010289610	15.7.22	722894870868	
37	AVADHESH SINGH MUND	GOVARDHAN SINGH MUND	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.26624	85.3635	BOI	BKID000494	4941101000023	14.7.22	496688707931	7061657154
38	SHIVDHAN BHOGTA	SUKRA BHOG	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.2554	85.375	BOI	BKID000494	4941101100004	15.7.22	722533776508	8102640917
39	SHRAVAN BED	FAGU BEDIA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.2622	85.375	BOI	BKID000494	4941101100011	14.722	331689591745	9199572513
40	PHULESHWAR PAHAN	SUKHNATH PAHAN	Male	KANADIH	BURMU	RANCHI	ST	0.4			BOI	BKID000494	4944101000052	18.7.22	478987498547	9142272302
41	MADAN PAHA	VISHWANATH PAHAN	Male	KANADIH	BURMU	RANCHI	ST	0.4			BOI	BKID000494	4944101100098	20.7.22	262303832146	9102380594
42	RAJKISHOR MUNDA	SHIV NATH MUNDA	Male	KANADIH	BURMU	RANCHI	ST	0.4			CNRB	CNRB000570	5706101001371	15.7.22	761201613451	7739011389
43	SANTOSH MUNDA	MAHABIR PAHAN	Male	KANADIH	BURMU	RANCHI	ST	0.4			BOI	BKID000494	4944182100007	14.722	439098042705	7261867752
44	BALKRISHN PAHAN	LATE GULLU PAHAN	Male	KANADIH	BURMU	RANCHI	ST	0.4			BOI	BKID000494	4944101000091	15.7.22	841786806497	9608464559
45	BIRSA PAHAN	UDAY NATH PAHAN	Male	KANADIH	BURMU	RANCHI	ST	0.4			BOI	BKID000494	4944101100005	14.722	386628993306	6204187649
46	DASHRATH PAHAN	LATE SHIVCHARAN PAHAN	Male	KANADIH	BURMU	RANCHI	ST	0.4			BOI	BKID000494	4944101100023	15.7.22	529948517507	9113150351
47	SANTOSH YAD	HARI MAHTO	Male	KANADIH	BURMU	RANCHI	BC-I	0.4			BOI	BKID000494	4944101000052	14.7.22	745319277618	9631200563
48	VIJAY GANJH	TEJU GANJHU	Male	KANADIH	BURMU	RANCHI	SC	0.4			BOI	BKID000494	4944101100062	15.7.22	411085209915	9262585597
49	RAM LAL GAN	SAHDEV GAN	Male	KANADIH	BURMU	RANCHI	SC	0.4			BOI	BKID000494	4944101100030	11.7.22	402801812367	6202489974
50	ANIL MAHTO	GHALTU MAH	Male	RANUDARU	ANGARA	RANCHI	BC-I	0.4			BOI	BKID000494	4941182100049		616243953932	

CLUSTER FRONT LINE DEMONSTRSTION PROGRAMME (CFLD) - CROP -Green Gram - 2022 - 23

SL.NO.	NAME OF FARMER	FATHER NAI	GENDER	VILLAGE	BLOCK	DISTRICT	CASTE	LAND HOLDING (IN HA)	LATITUDI	LONGITUD	BANK NAME	IFSC CODE	A/C NO.	DATE OF SOWING	ADHAAR NO	MOBILE NO
1	SAVITRI DEVI	ARJUN MUND	Female	CHIPIBANDHD	TAMAR	RANCHI	ST	0.4						5.7.22	74574514950	766718035

2	SHABHUNATH MAHTO	TILO MAHTO	Male	CHIPIBANDHD	TAMAR	RANCHI	BC-I	0.4						11.7.22	66816701395	
3	JOLO DEVI	GUNAGHAR BEDIA	Female	RANUDARU	ANGARA	RANCHI	ST	0.4			IOB	IOBA0003382	3382010000025	15.7.22	6679308463	620771318
4	SARASWATI D	KALESWAR BE	Female	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCG	22010267823	14.7.22	94171904442	898688775
5	FAGNI DEVI	MAHENDRA BEDIA	Female	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCG	84048867632	8.7.22	88939754747	
6	HALDHAR BE	BANESHWAR BEDIA	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCG	22010257859	10.7.22	41483067144	
7	ROPNI DEVI	KRISHNA MU	Female	CHIPIBANDHD	TAMAR	RANCHI	ST	0.4						19.7.22	64626289619	
8	SHYAM SUND NAYAK	BUDHRAM NAYAK	Male	RANUDARU	ANGARA	RANCHI	SC	0.4			BOI	BKID0004941	4941182100015	10.7.22	82517625075	898766815
9	RASRAJ BEDIA	MAKUND BED	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCG	22010289609	11.7.22	65024123897	629941730
10	BHIMRAM MAHTO	SITARAM MA	Male	CHIPIBANDHD	TAMAR	RANCHI	BC-I	0.4						12.7.22	69976712387	
11	PATUMAN SI MUNDA	GANGA NARA SINGH MUND	Male	CHIPIBANDHD	TAMAR	RANCHI	ST	0.4						15.7.22	43414109092	
12	SHAKUNTALA DEVI	POORNA LOH	Female	CHIPIBANDHD	TAMAR	RANCHI	ST	0.4						15.7.22	96250042412	
13	ATVA VIRHOR	GOVINDA VIRHORE	Male	CHIPIBANDHD	TAMAR	RANCHI	ST	0.4						13.7.22	74463717263	
14	RATAN MAH	SHAMBHU NA MAHTO	Male	CHIPIBANDHD	TAMAR	RANCHI	BC-I	0.4						19.7.22	88586493496	
15	SHUSHEELA KUMARI	RADHAMOHA MAHTO	Female	CHIPIBANDHD	TAMAR	RANCHI	BC-I	0.4						20.7.22	31205074960	
16	SHEELA DEVI	LAKHAN MAH	Male	CHIPIBANDHD	TAMAR	RANCHI	BC-I	0.4						18.7.22	69520794718	
17	SARLA DEVI	PUNDI MAHT	Female	CHIPIBANDHD	TAMAR	RANCHI	BC-I	0.4						14.7.22	28394426598	
18	VINAS MUND	LOHRA MUND	Male	CHIPIBANDHD	TAMAR	RANCHI	ST	0.4						15.7.22	32739196894	
19	KRISHNA MAH	SHAWA MAH	Male	CHIPIBANDHD	TAMAR	RANCHI	BC-I	0.4						20.7.22	89748139743	
20	SHANTI DEVI	AKLA MAHTO	Female	CHIPIBANDHD	TAMAR	RANCHI	BC-I	0.4						18.7.22	41426519946	
21	BHANESHWA DEVI	KRISHNA CHANDRA MAHTO	Female	CHIPIBANDHD	TAMAR	RANCHI	BC-I	0.4						20.7.22	61497920022	
22	MITHILA DEV	JITENDRA MAHTO	Female	CHIPIBANDHD	TAMAR	RANCHI	BC-I	0.4						18.7.22	44699496770	
23	GURUVARI DE	UPENDRA NA MAHTO	Female	CHIPIBANDHD	TAMAR	RANCHI	BC-I	0.4						10.7.22	71505866678	
24	PABITA DEVI	PANCHANAN MAHTO	Female	CHIPIBANDHD	TAMAR	RANCHI	BC-I	0.4						11.7.22	81539227891	
25	KHAGENDRA SINGH MUND	CHAMU MUN	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCG	22010259629	12.7.22	77515017583	
26	SHAMBHU PRASAD MU	CHAMU MUN	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			SBI	SBINORRVCG	22010207513	10.7.22	58770018574	

27	SARASWATI D	PATEL SINGH MUNDA	Female	RANUDARU	ANGARA	RANCHI	ST	0.4			UCB	UCBA000332	3.32301E+13	11.7.22	5168175455	
28	SUKAR MANE DEVI	RUP SINGH MUNDA	Male	RANUDARU	ANGARA	RANCHI	ST	0.4			UCB	UCBA000332	3323011000914	12.7.22	2592841064	
29	SHASHI GOP	DURGA MAHT	Male	KANADIH	BURMU	RANCHI	BC-I	0.4						10.7.22	4810826941	995545805
30	PHULESHWAR PAHAN	SUKHNATH PAHAN	Male	KANADIH	BURMU	RANCHI	ST	0.4						10.7.22	4789874985	914227230
31	MADAN PAHA	VISHWANATH PAHAN	Male	KANADIH	BURMU	RANCHI	ST	0.4						11.7.22	2623038321	910238059
32	ANITA DEVI	SUKAR PAHAN	Female	KANADIH	BURMU	RANCHI	ST	0.4						15.7.22	4010312218	748480477
33	RAJKISHOR MUNDA	SHIV NATH MUNDA	Male	KANADIH	BURMU	RANCHI	ST	0.4						13.7.22	7612016134	773901138
34	SANTOSH MUNDA	MAHABIR PAH	Male	KANADIH	BURMU	RANCHI	ST	0.4						19.7.22	4390980427	726186775
35	RAMSHEVAK PAHAN	VISHWANATH PAHAN	Male	KANADIH	BURMU	RANCHI	ST	0.4						20.7.22	9173100836	620613558
36	SEEMA DEVI	CHOTU PAHA	Female	KANADIH	BURMU	RANCHI	BC-I	0.4						18.7.22	3911447834	620437528
37	KRISHNA YAD	DHANESWAR MAHTO	Male	KANADIH	BURMU	RANCHI	BC-I	0.4						18.7.22	9234866998	993919541
38	ARJUN YADAV	DHANESWAR YADAV	Male	KANADIH	BURMU	RANCHI	BC-I	0.4						10.7.22	9029022640	823548249
39	RITA DEVI	DASRATH PAH	Female	KANADIH	BURMU	RANCHI	ST	0.4						11.7.22	9436413895	911315035
40	RAGHUVEER PAHAN	GONYA PAHA	Male	KANADIH	BURMU	RANCHI	ST	0.4						12.7.22	2531882270	726099608
41	MAHESH PAH	SHIDHANATH PAHAN	Male	KANADIH	BURMU	RANCHI	ST	0.4						10.7.22	4320404968	969321161
42	PRATIMA DEV	SULENDRA PAHAN	Female	KANADIH	BURMU	RANCHI	ST	0.4						11.7.22	4105467962	914213645
43	RAMBRI GAN	BUDHESWAR GANJHU	Male	KANADIH	BURMU	RANCHI	BC-I	0.4						12.7.22	4744123057	837494182
44	SONARAM SWANSI	LATE SOMA SWANSI	Male	CHIPIBANDHD	TAMAR	RANCHI	ST	0.4						10.7.22	3777136330	
45	RAMPRASAD SWANSI	LATE MADHUSUDA SWANSI	Male	CHIPIBANDHD	TAMAR	RANCHI	ST	0.4						19.7.22	2024062598	
46	SUBHADRA DI	SHREE CHAND RAM SWANSI	Female	CHIPIBANDHD	TAMAR	RANCHI	ST	0.4						20.7.22	4202767404	
47	JAIRAM SWA	BARTU RAM SWANSI	Male	CHIPIBANDHD	TAMAR	RANCHI	ST	0.4						10.7.22	5964997172	
48	SANJAY PRAMANIK	LATE SHIVCHARAN PRAMANIK	Male	DONGIDIH	TAMAR	RANCHI	BC-I	0.4						11.7.22	5380446392	
49	RAMESH PRAMANIK	YUDHISHTHIR PRAMANIK	Male	DONGIDIH	TAMAR	RANCHI	BC-I	0.4						12.7.22	2639908884	

50	CHAMU MUN	LATE SOHAN MUNDA	Male	CHIPIBANDHD	TAMAR	RANCHI	ST	0.4						10.7.22	45294187493	

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

SL.NO.	NAME OF FARMER	FATHER NAM	GENDER	VILLAGE	BLOCK	DISTRICT	CASTE	LAND HOLDING (IN HA)	LATITUDI	LONGITUD	BANK NAME	IFSC CODE	A/C NO.	DATE OF SOWING	ADHAAR NO	MOBILE NO
1	RITA DEVI	(W/O) NARAYA BEDIYA	Female	khaksitoli	ANGARA	RANCHI	ST	0.4	23.2622	85.375	BOI	BKID000494	4941101100000	1.7.22	56735642244	725020566
2	RAMNATH MAHTO		Male	CHIPIBANDHDI	TAMAR	RANCHI	BC-I	0.4						15.7.22		
3	MANGLA DEV	VISHESWAR SINGH MUNDA	Female	CHIPIBANDHDI	TAMAR	RANCHI	ST	0.4						14.7.22	35763679875	
4	KASHINATH MAHTO	LATE JAYRAM MAHTO	Male	CHIPIBANDHDI	TAMAR	RANCHI	BC-I	0.4						11.7.22	57172333232	
5	MISHILA DEVI		Female	CHIPIBANDHDI	TAMAR	RANCHI	BC-I	0.4						12.7.22		
6	VINASH MUN		Male	CHIPIBANDHDI	TAMAR	RANCHI	ST	0.4						16.7.22		
7	RATAN MAHT		Male	CHIPIBANDHDI	TAMAR	RANCHI	BC-I	0.4						14.7.22		
8	MUNIRAM MAHTO	HARIDAS MAH	Male	CHIPIBANDHDI	TAMAR	RANCHI	BC-I	0.4						1.7.22	64369017950	
9	VEERATI DEVI	DHANIRAM MAHTO	Male	CHIPIBANDHDI	TAMAR	RANCHI	BC-I	0.4						12.7.22	69504947664	
10	SHABHUNATH MAHTO	TILO MAHTO	Male	CHIPIBANDHDI	TAMAR	RANCHI	BC-I	0.4						14.7.22	66816701395	
11	SARSWATI DE		Female	CHIPIBANDHDI	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	22680985017	790903506
13	PUSKAR MUN	SUKHRAM UN	Male	LENKIYA	TAMAR	RANCHI	ST	0.4						3.7.22	76126780361	785781994
14	HIRALAL MUN	SHIVNATH MUNDA	Male	LENKIYA	TAMAR	RANCHI	ST	0.4						4.7.22	53462659604	701972861
15	CHANDRA MOHAN MUN	VISHWANATH MUNDA	Male	LENKIYA	TAMAR	RANCHI	ST	0.4						15.7.22	94007677515	911360965
16	SONA RAM MUNDA	MUNDA SINGH MUNDA	Male	LENKIYA	TAMAR	RANCHI	ST	0.4						16.7.22	71489996066	843495283
17	MUNDA SING MUNDA	RAMDHAN MUNDA	Male	LENKIYA	TAMAR	RANCHI	ST	0.4						14.7.22	91072683445	950808848
18	MANGAL SIN MUNDA	RAM JEEVAN SINGH MUNDA	Male	LENKIYA	TAMAR	RANCHI	ST	0.4						18.7.22	46166674125	
19	VISHAM SING MUNDA	JUNGLE SINGH MUNDA	Male	LENKIYA	TAMAR	RANCHI	ST	0.4						6.7.22	34214508718	
20	NAGAR SINGH MUNDA	RAMJEEVAN SINGH MUNDA	Male	LENKIYA	TAMAR	RANCHI	ST	0.4						7.7.22	42811804737	808488342

21	ANKUR MUNI	SHAINATH MUNDA	Male	DIMRA	TAMAR	RANCHI	ST	0.4						9.7.22	36468142496	852131013
22	VIKRAM MUN	SHAINATH MUNDA	Male	DIMRA	TAMAR	RANCHI	ST	0.4						.8.7.22	70171224795	
23	SUKHLAL MUNDA	SWARNIPAPAA MUNDA	Male	DIMRA	TAMAR	RANCHI	ST	0.4						5.7.22	39175604753	
24	JAPUD PURA	LALMOHAN PURANA	Male	DIMRA	TAMAR	RANCHI	ST	0.4						1.7.22	61675347634	
25	CHHUTU LOH	LATE DALGOVI LOHRA	Male	KUNDLA	TAMAR	RANCHI	ST	0.4						4.7.22	99283493958	776309696
26	SANIT LOHRA	LATE WASU LOHRA	Male	KUNDLA	TAMAR	RANCHI	ST	0.4						15.7.22	62792911350	
27	SOMRA MUN	LATE PHOTE SINGH MUNDA	Male	KUNDLA	TAMAR	RANCHI	ST	0.4						16.7.22	49875672444	
28	GANESH MUN	HARI SINGH MUNDA	Male	KUNDLA	TAMAR	RANCHI	ST	0.4						14.7.22	39892139689	
29	HIRALAL MUN	BUDHAN MUN	Male	KUNDLA	TAMAR	RANCHI	ST	0.4						18.7.22	25889221434	
30	SARJU SHAHI MUNDA	MOHAR SHAH	Male	NAVAGADHSOS	ANGARA	RANCHI	ST	0.4	23.447798	85.5889	BOI	BKID000494	4941101100018	6.7.22	63921706529	
31	PRADEEP SHA MUNDA	LATE BABULAL SHAHI MUNDA	Male	NAVAGADHSOS	ANGARA	RANCHI	ST	0.4	23.44735	85.58876	BOI	BKID000494	4941101100032	7.7.22	49898349809	
32	MRITYUNJAY SHAHI MUND	LATE LAKHIPRASAD SHAHI MUNDA	Male	NAVAGADHSOS	ANGARA	RANCHI	ST	0.4	23.447283	85.58858	BOI	BKID000494	4941101100021	9.7.22	77722551938	858023311
33	ROHIT SHAHI MUNDA	RAJENDRA SHA MUNDA	Male	NAVAGADHSOS	ANGARA	RANCHI	ST	0.4	23.447747	85.58903	BOI	BKID000494	4941101100134	1.7.22	79483460774	729590482
34	BASANTI DEV	ROHIT SHAHI MUNDA	Female	NAVAGADHSOS	ANGARA	RANCHI	ST	0.4	23.447812	85.58925	BOI	BKID000494	4941105100069	4.7.22	96887685117	903175261
35	SOMRA BEDI	MOTHWA BED	Male	khaksitoli	ANGARA	RANCHI	ST	0.4	23.2552	85.3621	BOI	BKID000494	4941101100016	1.7.22	94794013606	950808186
36	SOMLAL BEDI	AGHNU BEDIY	Male	khaksitoli	ANGARA	RANCHI	ST	0.4	23.2622	85.375	BOI	BKID000494	4941101100000	2.7.22	47595591402	858031036
37	SAVANI DEVI	GRHASTHEE BEDIA	Female	khaksitoli	ANGARA	RANCHI	ST	0.4	23.2652	85.3621	BOI	BKID000494	4941101100014	3.7.22	85528721864	636337586
38	RAIMANI DEV	MANOJ BEDIA	Female	khaksitoli	ANGARA	RANCHI	ST	0.4	23.2552	85.3621	BOI	BKID000494	4941101100015	4.7.22	55394947731	620795338
39	SOHGI DEVI	JATRU BEDIA	Male	khaksitoli	ANGARA	RANCHI	ST	0.4	23.2622	85.375	BOI	BKID000494	4941105100021	2.7.22	98466067692	
40	BIDAMBAR DE	RAMSHU BEDI	Female	khaksitoli	ANGARA	RANCHI	ST	0.4	23.2622	85.375	BOI	BKID000494	4941101100033	3.7.22	50360206990	620126914
41	SHANICHARW BEDIA	SOHRAIYA BED	Male	khaksitoli	ANGARA	RANCHI	ST	0.4	23.2659	85.3757	BOI	BKID000494	4941105100079	4.7.22	93434973954	
42	MAHADEV BE	TULSI BEDIA	Male	khaksitoli	ANGARA	RANCHI	ST	0.4	23.255	85.3621				6.7.22	98848109590	
43	SUMITRA BED	SOMRA BEDIA	Female	khaksitoli	ANGARA	RANCHI	ST	0.4	23.265	85.362	BOI	BKID000494	4941101100019	7.7.22	86961404730	748951572
44	JATRU BEDIYA		Male	OBER	ANGARA	RANCHI	ST	0.4						9.7.22	22710377054	
45	MUGALKISHO BEDIYA		Male	OBER	ANGARA	RANCHI	ST	0.4						.8.7.22	35452354277	
46	SHIBUA BEDIY		Male	OBER	ANGARA	RANCHI	ST	0.4						5.7.22	30690942626	
47	PHUGUA BED		Male	OBER	ANGARA	RANCHI	ST	0.4						6.7.22	58603591732	

48	GOKUL BEDIY		Male	OBER	ANGARA	RANCHI	ST	0.4						7.7.22	41642653148	
49	PUSKAR MUN	SUKHRAM MUNDA	Male	LENKIYA	TAMAR	RANCHI	ST	0.4						9.7.22	76126780361	785781994
50	DEVNARAYAN MUNDA		Male	DIMRA	TAMAR	RANCHI	ST	0.4						.8.7.22	61293442782	

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

SL.NO.	NAME OF FARMER	FATHER NAM	GENDER	VILLAGE	BLOCK	DISTRICT	CASTE	LAND HOLDING (IN HA)	LATITUDI	LONGITUD	BANK NAME	IFSC CODE	A/C NO.	DATE OF SOWING	ADHAAR NO	MOBILE NO
1	BHADWA BEDI		Male	OBER	ANGARA	RANCHI	ST	0.4			BOI	BKID0004941	4941101000049	7.7.22	35282131829	620252202
2	HARIYA BEDIY	LATE KARMA BEDIYA	Male	OBER	ANGARA	RANCHI	ST	0.4			BOI	BKID0004941	4941101100038	9.7.22	66987324808	878957253
3	MINKU BEDIYA	BANDHU BEDIY	Male	OBER	ANGARA	RANCHI	ST	0.4			BOI	BKID0004941	4941101100050	.8.7.22	31148854424	
4	PHAGUA BEDIY	SAWAN BEDIA	Male	OBER	ANGARA	RANCHI	ST	0.4			BOI	BKID0004941	4941101100003	5.7.22	58603591732	
5	BALIYA BEDIA	DUSHASANA BE	Male	OBER	ANGARA	RANCHI	ST	0.4			SBI	SBIN0281559	3495764324	1.7.22	39874811056	620387805
6	PARMESHWAR BEDIYA	HARILAL BEDIYA	Male	KUTURLOB	ANGARA	RANCHI	ST	0.4	23.25534	85.42828	SBI	SBINORRVCG	22010296548	4.7.22	80700893490	707035946
7	BHAGIRATH BEDIYA	GAURA BEDIYA	Male	KUTURLOB	ANGARA	RANCHI	ST	0.4	23.25509	85.41906	BOI	BKID0004941	4941101100060	15.7.22	97663865777	912314332
8	GANESH BEDIY	SONARAM BED	Male	KUTURLOB	ANGARA	RANCHI	ST	0.4	23.25526	85.42751	BOI	BKID0004941	4941101100025	16.7.22	97218627135	952369688
9	TULSI BEDIYA	BHANDUWA BEDIYA	Male	KUTURLOB	ANGARA	RANCHI	ST	0.4	23.2556	85.42684	SBI	SBINORRVCG	22010285593	14.7.22	92901093743	766783503
10	HIRDAY BEDIYA	LALJI BEDIYA	Male	KUTURLOB	ANGARA	RANCHI	ST	0.4	23.25725	85.42366	CBI	CBIN0281559	3324622741	18.7.22	44686148575	950853440
11	RUMILA DEVI	CHAITU BEDIYA	Female	KUTURLOB	ANGARA	RANCHI	ST	0.4	23.2576	85.42113	BOI	BKID0004941	4941105100065	6.7.22	38907149638	879776424
12	JAYSINGH BEDI	JAGU BEDIYA	Male	KUTURLOB	ANGARA	RANCHI	ST	0.4	23.2577		IDBI	IBKL063JS67	10052003875	7.7.22	76910574864	914270401
13	MADHO BEDIY	BHAJU BEDIYA	Male	KUTURLOB	ANGARA	RANCHI	ST	0.4	23.25754	85.42137	SBI	SBINORRVCG	20010289279	9.7.22	64237992889	933441209
14	KISTO BEDIYA	BHADRU BEDIY	Male	KUTURLOB	ANGARA	RANCHI	ST	0.4	23.25521	85.41889	BOI	BKID0004941	4941101100042		37974649558	933406656
15	SALKHAN BEDI	NANDO BEDIYA	Male	KUTURLOB	ANGARA	RANCHI	ST	0.4	23.25475	85.41895	IDBI	IBKL063JS67	10052003885	4.7.22	59830969660	785903555
16	ARUN BEDIYA	GOLAK NATH BEDIYA	Male	KUTURLOB	ANGARA	RANCHI	ST	0.4	23.25545	85.4187	BOI	BKID0004941	4941101100045	15.7.22	37831682334	775987942
17	SOMRA BEDIYA	NANDO BEDIYA	Male	KUTURLOB	ANGARA	RANCHI	ST	0.4	23.25519	85.42801	SBI	SBIN0016003	35812745556	16.7.22	44538031002	620143675
18	MADHUSUDHA BEDIYA	MAHILAL BEDIY	Male	KUTURLOB	ANGARA	RANCHI	ST	0.4	23.25517	85.42812	BOI	BKID0004941	4941182000173	14.7.22	46143468557	785689951
19	LAKHIRAM BED	NANDKISHOR BEDIYA	Male	KUTURLOB	ANGARA	RANCHI	ST	0.4	23.25711	85.42799	BOI	BKID0004941	4941101100060	18.7.22	85710098185	775987146
20	BIMAL BEDIYA	JAYOLI LAL BED	Male	KUTURLOB	ANGARA	RANCHI	ST	0.4	23.25671	85.42481	BOI	BKID0004941	4941182100017	6.7.22	39822561076	620568345
21	SUKRA BEDIYA	MAHILAL BEDIY	Male	KUTURLOB	ANGARA	RANCHI	ST	0.4	23.25569	85.42779	BOI	BKID0004941	4941101100046	4.7.22	85848471694	
22	DHANESHWAR BEDIYA	CHAMNA BEDIY	Male	KUTURLOB	ANGARA	RANCHI	ST	0.4	23.2565	85.42744	BOI	BKID0004941	4941182100017	15.7.22	60322112840	

23	DULARI DEVI	BINDESHWAR BEDIYA	Female	KUTURLOB/	ANGARA	RANCHI	ST	0.4	23.25649	85.42764	BOI	BKID0004941	4941101100060	16.7.22	95400737688	926098304
24	KALAWATI DEV	MANGLACHARA BEDIYA	Female	KUTURLOB/	ANGARA	RANCHI	ST	0.4	23.25635	85.42208	BOI	BKID0004941	4941182100023	14.7.22	32378530305	628721555
25	BAGIRATH BED		Male	KUTURLOB/	ANGARA	RANCHI	ST	0.4						18.7.22	97663865777	

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

SL.NO.	NAME OF FARMER	FATHER NA	GENDER	VILLAGE	BLOCK	DISTRICT	CASTE	LAND HOLDINC (IN HA)	LATITUDI	LONGITUD	BANK NAME	IFSC CODE	A/C NO.	DATE OF SOWING	ADHAAR NC	MOBILE NO
1	DIPENDRA BEDIYA	DHANESHWA BEDIYA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4						10.8.22	21964207036	620592240
2	RITA DEVI	(W/O) NARAY BEDIYA	Female	KHAKSITOLI	ANGARA	RANCHI	ST	0.4						11.8.22	56735642244	725020566
3	JYOTI LAL MUI	SAHDEV MUN	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.2659	85.3751	BOI	BKID0004941	4941101100010	15.8.22	90800080804	620550636
4	YUGAL KISHOF BEDIYA	LATE BIJLA BEDIYA	Male	OBER	ANGARA	RANCHI	ST	0.4						8.8.22	35452354277	880473655
5	JITU BEDIYA	CHAMNA BEI	Male	OBER	ANGARA	RANCHI	ST	0.4						10.8.22	27516303845	934195790
6	JITU BHOGTA	LATE BUDHN/ BHOGTA	Male	BARKIGAURAN	ANGARA	RANCHI	ST	0.4						11.8.22	91506258987	914276120
7	JAGDISH BHOC	PHEKAN BHO	Male	BARKIGAURAN	ANGARA	RANCHI	ST	0.4						14.8.22	71324548811	620266484
8	SHIVCHARAN PAHAN	LATE KARMA PAHAN	Male	BARKIGAURAN	ANGARA	RANCHI	ST	0.4						12.8.22	34017743739	620700560
9	GANGARAM MUNDA	BHIKHU MUN	Male	BARKIGAURAN	ANGARA	RANCHI	ST	0.4						15.8.22	80406398949	707034471
10	JALESHWARI D	GANESH MUI	Female	BARKIGAURAN	ANGARA	RANCHI	ST	0.4						14.8.22	72672873176	
11	BALESHWAR BHOGTA	TULSI BHOGT	Male	BARKIGAURAN	ANGARA	RANCHI	ST	0.4						19.8.22	51022602770	
12	RAVNI DEVI	DHANESHWA PAHAN	Female	BARKIGAURAN	ANGARA	RANCHI	ST	0.4						15.8.22	93636956953	
13	SHIBUWA MUI	LATE LATUW/ MUNDA	Male	BARKIGAURAN	ANGARA	RANCHI	ST	0.4						15.8.22	97071836532	
14	BHUNESHWAF MUNDA	KARMA PAHA	Male	BARKIGAURAN	ANGARA	RANCHI	ST	0.4						14.8.22	96307256976	
15	SOMRA MUNI	LATE SOHRAI MUNDA	Male	BARKIGAURAN	ANGARA	RANCHI	ST	0.4						15.8.22	44614258913	731983094
16	SAWAN BEDIA	MAHESH BEI	Male	OBER	ANGARA	RANCHI	ST	0.4						14.8.22	62664764856	829426641
17	BIRBAL BEDIA	MAINEJAR BE	Male	OBER	ANGARA	RANCHI	ST	0.4						15.8.22	87896246981	884906951
18	NAKUL BEDIA	KANTU BEDIA	Male	OBER	ANGARA	RANCHI	ST	0.4						19.8.22	78097371184	785891932
19	JEETVAHAN BE	PHENKANA BEDIA	Male	OBER	ANGARA	RANCHI	ST	0.4						14.8.22	44613667410	870943733

20	DHONO BEDIA	KHIURA BEDI	Male	OBER	ANGARA	RANCHI	ST	0.4						14.8.22	4724995382(	790907021
21	LAKHIA BEDIA	BHARPU BED	Male	OBER	ANGARA	RANCHI	ST	0.4						15.8.22	9293965649(	706134258
22	JAGAESWAR BEDIA	KARMA BEDI	Male	OBER	ANGARA	RANCHI	ST	0.4						14.8.22	6972917337	823540613
23	DHARMA BEDI	BAYASAR BE	Male	OBER	ANGARA	RANCHI	ST	0.4						15.8.22	6461457142	990596683
24	TULESHWAR BEDIA	BUDHRAM BE	Male	OBER	ANGARA	RANCHI	ST	0.4						13.8.22	7710280244	960841961
25	ADHANU BEDI	BAKA BEDIA	Male	OBER	ANGARA	RANCHI	ST	0.4						14.8.22	3109040092	969380243
26	MUKESH MU	BALESWAR MUNDA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.266	85.375	BOI	BKID0004941	4941101100028	19.8.22	2253351139	797901860
27	HARI MUNDA	BANDHNA MUNDA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.269	85.385		BKID0004941	4941101000069	15.8.22	4456607942	
28	CHAITA MUND	CHARKA MU	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.261	85.3778		BKID0004941	4941101100017	15.8.22	9724682296	638314052
29	SHANICHARAN MUNDA	CHARKA MU	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.2611	85.3718		BKID0004941	4941101000069	14.8.22	9846963260	
30	MAHENDRA MUNDA	CHATURU MUNDA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.268	85.3718		BKID0004941	4941101100014	15.8.22	6082443302	
31	SOHREYA MU	LAGRU MUN	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.2659	85.3749		BKID0004941	4941101000068	14.8.22	6590292587	
32	SUKHDEV MU	KAILA MUND	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.269	85.3718		BKID0004941	4941101100044	19.8.22	7425512284	
33	KASHINATH BHOGTA	KULIA BHOG	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.2611	85.3759		BKID0004941	4941105100007	15.8.22	9612646201	
34	SITAL DEVI	JALAYA MUN	Female	KHAKSITOLI	ANGARA	RANCHI	ST	0.4	23.267	85.3659		BKID0004941	4941101100066	15.8.22	2678959562	
35	MOTILAL MU	SAHADEV MUNDA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4				BKID0004941	4941101100016	14.8.22	5906488719	
36	ADHANU MU	PRADAN MU	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4				BKID0004941	4941101100058	15.8.22	8095168770(	
37	DHANIRAM BHOGTA	PUSHUVA BHOGTA	Male	KHAKSITOLI	ANGARA	RANCHI	ST	0.4				BKID0004941	4941101100051	14.8.22	9301609367	
38	TUDA BEDIA	ROELA BEDIA	Male	OBER	ANGARA	RANCHI	ST	0.4						11.8.22	6599632131	979877117
39	DHANIRAM BEDIYA	MAHJU BEDI	Male	OBER	ANGARA	RANCHI	ST	0.4						15.8.22	4724995382(	
40	GOKUL BEDIYA	BASU BEDIYA	Male	OBER	ANGARA	RANCHI	ST	0.4						8.8.22	4164265348	
41	BISTU BEDIYA	BHADRU BED	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25539	85.4257	SBI	SBINORRVCG	22010288185	15.8.22	8591575250	707035935
42	JATRU BEDIYA	THAKURDAYA BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25504	85.42806	BOI	BKID0004941	4941101100051	14.8.22	7506595081	990578277
43	JAYNANDAN BEDIYA	BHADRU BED	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25517	85.42812	BOI	BKID0004941	4941101100041	11.8.22	8900741173	979858296
44	JAYSVAL BEDI	NAGESHWAR BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25696	85.42059	BOI	BKID0004941	4941182100035	15.8.22	9466144815	915592189
45	SHAMBHU BE	THAKURDAYA BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25506	85.4189	BOI	BKID0004941	4941101100069	15.8.22	5316765107	
46	PARMESHWAR BEDIYA	HARILAL BED	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25752	85.4264	SBI	SBINORRVCG	22010296548	14.8.22	8070089349(	707035946
47	SURAJ BEDIYA	LALJI BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25708	85.42086	BOI	BKID0004941	4941101100164	11.8.22	8486823514	620227555

48	BHAGIRATH BEDIYA	GAUSA BEDIY	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25516	85.4193	BOI	BKID0004941	4941101100060	15.8.22	97663865777	912314332
49	GANESH BEDIY	SONARAM BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.2568	85.42502	BOI	BKID0004941	4941101100025	15.8.22	97215627135	952369688
50	TULSI BEDIYA	BHANDUWA BEDIYA	Male	KUTURLOBA	ANGARA	RANCHI	ST	0.4	23.25706	85.42105	SBI	SBINORRVCG	22010285593	14.8.22	92901093743	766783503

3.3 Achievements on Training (Including the sponsored and 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	2	0	0	0	0	0	0	17	68	85	17	68	85
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	1	2	0	2	0	0	0	18	3	21	21	3	24
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 (Mushroom Cultivation)	10	16	147	163	1	3	4	58	281	339	75	431	506
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													
Production and Management technology													

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
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													
Value addition													
Income generation activities for empowerment of rural 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
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 (Water Management)													
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 cultivation	2	0	0	0	0	0	0	30	68	98	30	68	98
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													
Production of Bee-colonies and wax sheets	3	0	11	11	0	1	1	32	71	103	32	83	115
Small tools and implements													

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 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	1	0	0	0	0	0	0	25	15	40	25	15	40
WTO and IPR issues													
Others, if any (IFS)													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify) Digital Marketting													
TOTAL	**19**	**18**	**158**	**176**	**1**	**4**	**5**	**180**	**506**	**686**	**200**	**668**	**868**

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

Mushroom Production	6	52	35	87	4	2	6	15	26	41	71	63	134
Crop Production	1	2	14	16	0	0	0	4	4	8	6	18	24
Bee-keeping	5	6	1	7	1	0	1	35	14	49	42	15	57
Integrated farming	1	7	19	26	2	2	4	3	7	10	12	28	40
Seed production	2	3	20	23	0	1	1	21	0	21	24	21	45
Production of organic inputs	1	5	2	7	0	0	0	1	1	2	6	3	9
Integrated Farming	1	7	0	7	1	0	1	8	0	8	16	0	16
Planting material production	2	0	2	2	0	0	0	54	4	58	54	6	60
Soil health management	5	86	29	115	2	2	4	13	7	20	101	38	139
Natural/ Organic farming	2	6	0	6	1	0	1	33	8	41	40	8	48
Protected cultivation of vegetable crops	1	2	0	2	0	0	0	0	0	0	2	0	2
Commercial fruit production	1	2	0	2	0	0	0	18	3	21	20	3	23
Repair and maintenance of farm machinery and implements	3	8	0	8	0	0	0	22	0	22	30	0	30
Nursery Management of Horticulture crops	1	1	0	1	0	0	0	1	0	1	2	0	2
Training and pruning of orchards													
Value addition	1	0	0	0	0	0	0	0	13	13	0	13	13
Production of quality animal products	1	11	1	12	0	1	1	3	0	3	14	2	16
Dairying	3	18	4	22	1	3	4	6	1	7	25	8	33
Sheep and goat rearing	4	42	10	52	1	1	2	44	29	73	89	38	127
Quail farming													
Piggery	1	0	0	0	0	0	0	36	0	36	36	0	36
Lac Cultivation	2	3	4	7	0	0	0	62	9	71	65	13	78
Poultry production	4	35	15	50	3	2	5	50	14	64	88	31	119
Ornamental fisheries													
Enterprise development (Beekeeping)	3	3	3	6	0	0	0	75	6	81	78	21	99
Para vets													
Para extension workers													

Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries	2	0	1	1	0	0	0	20	5	25	20	6	26
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post-Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
TOTAL	**53**	**299**	**160**	**459**	**16**	**14**	**30**	**524**	**151**	**675**	**841**	**335**	**1176**

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	1	16	11	27	0	1	1	4	18	22	20	30	50
Value addition													
Integrated Pest Management													
Integrated Nutrient management	1	56	15	71	0	0	0	15	2	17	71	17	88
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers	1	26	9	35	3	0	3	13	2	15	42	11	53
Capacity building for ICT application													
Care and maintenance of farm machinery and implements	5	4	137	141	1	0	1	3	24	27	8	161	169
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	1	46	1	47	2	0	2	51	0	51	99	1	100
Gender mainstreaming through SHGs													
TOTAL	**9**	**148**	**173**	**321**	**6**	**1**	**7**	**86**	**46**	**132**	**240**	**220**	**460**

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	2	15	58	73				12	8	20	27	66	93
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification	3	4	23	27	3	1	4	40	74	114	47	98	145
Integrated Farming	7	81	63	144	1	8	9	79	68	147	161	139	300
Water management													
Seed production	2	29	81	110	0	1	1	2	0	2	31	82	113

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
Nursery management	1	4	0	4	3	0	3	7	3	10	14	3	17
Integrated Crop Management	11	70	99	169	9	0	9	128	66	194	207	165	372
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)	17	158	115	273	15	9	24	132	93	225	305	217	522
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	1							28	4	32	28	4	32
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables	4	13	0	0	0	0	0	45	19	64	58	19	77
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable) Tomato and Cucumber	2							30	5	35	30	5	35
Training and pruning													
b) Fruits													
Layout and Management of Orchards	1							14	0	14	14	0	14
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques	1							21	23	44	21	23	44
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													
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													

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
Nursery management													
Production and management technology													
Post-harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management	2	27	10	37	2	3	5	60	1	61	89	14	103
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	2	22	4	26							22	4	26
Poultry Management	1	3	6	9							3	6	9
Piggery Management	1							41	4	45	41	4	45
Rabbit Management													
Disease Management	3	22	13	35				6	1	7	28	14	42
Feed management													
Production of quality animal products													
Others, if any Goat farming	6	25	6	31	1	0	1	75	79	154	101	85	186
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	3	3	28	31	0	0	0	7	62	69	10	90	100
Design and development of low/minimum cost diet	2	0	8	8	0	0	0	1	42	43	1	50	51
Designing and development for high nutrient efficiency diet	2	0	0	0	0	0	0	10	36	46	10	36	46
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition	3	0	0	0	0	1	1	26	53	79	26	54	80
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	7	32	6	38	0	0	0	64	17	81	96	23	119

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
Small scale processing and value addition													
Post-Harvest Technology	1							16	4	20	16	4	20
Others, if any	7	149	107	256	1	12	13	60	52	112	210	171	381
VII. Plant Protection													
Integrated Pest Management	4	19	0	19	0	0	0	89	15	104	108	15	123
Integrated Disease Management													
Bio-control of pests and diseases	5	24	3	27	1	1	2	41	58	99	66	62	128
Production of bio control agents and bio pesticides													
Others, if any Bee-Keeping	6	3	0	0	0	0	0	76	29	105	79	29	108
Lac Cultivation	4	11	28	39	0	0	0	57	11	68	68	39	107
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													
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													

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													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL													

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													
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
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													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
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													

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
Tailoring and Stitching													
Rural Crafts													
Others, if any													
TOTAL													

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	1	29	5	34	0	0	0	2	0	2	31	5	36
Integrated Pest Management													
Integrated Nutrient management													
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	2	63	7	70	0	0	0	1	0	1	64	7	71
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	60	10	70	0	0	0	4	0	4	64	10	74
Gender mainstreaming through SHGs													
Crop intensification													
TOTAL	5	152	22	174	0	0	0	7	0	7	159	22	181

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	2	15	58	73	0	0	0	12	8	20	27	66	93
Resource Conservation Technologies													
Cropping Systems													

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
Crop Diversification	3	4	23	27	3	1	4	40	74	114	47	98	145
Integrated Farming	9	81	63	144	1	8	9	96	136	232	178	207	385
Water management													
Seed production	2	29	81	110	0	1	1	2	0	2	31	82	113
Nursery management	1	4	0	4	3	0	3	7	3	10	14	3	17
Integrated Crop Management	11	70	99	169	9	0	9	128	66	194	207	165	372
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)	17	158	115	273	15	9	24	132	93	225	305	217	522
TOTAL	**45**	**361**	**439**	**800**	**31**	**19**	**50**	**417**	**380**	**797**	**809**	**838**	**1647**
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	1	0	0	0	0	0	0	28	4	32	28	4	32
Water management													
Enterprise development													
Skill development													
Yield increment	1	2	0	2	0	0	0	18	3	21	21	3	24
Production of low volume and high value crops													
Off-season vegetables	4	13	0	0	0	0	0	45	19	64	58	19	77
Nursery raising													
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)	12	16	147	163	1	3	4	88	286	374	105	436	541
Training and Pruning													
TOTAL	**18**	**31**	**147**	**165**	**1**	**3**	**4**	**179**	**312**	**491**	**212**	**462**	**674**
b) Fruits													
Layout and Management of Orchards	1	0	0	0	0	0	0	14	0	14	14	0	14
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques	1	0	0	0	0	0	0	21	23	44	21	23	44
Others, if any(INM)													
TOTAL	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**35**	**23**	**58**	**35**	**23**	**58**
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													

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													
TOTAL													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
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	2	27	10	37	2	3	5	60	1	61	89	14	103
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													
TOTAL	**2**	**27**	**10**	**37**	**2**	**3**	**5**	**60**	**1**	**61**	**89**	**14**	**103**
IV. Livestock Production and Management													
Dairy Management	2	22	4	26	0	0	0	0	0	0	22	4	26
Poultry Management	1	3	6	9	0	0	0	0	0	0	3	6	9
Piggery Management	1	0	0	0	0	0	0	41	4	45	41	4	45
Rabbit Management													
Disease Management	3	22	13	35	0	0	0	6	1	7	28	14	42
Feed management													
Production of quality animal products													
Others, if any (Goat farming)	6	25	6	31	1	0	1	75	79	154	101	85	186
TOTAL	**13**	**72**	**29**	**101**	**1**	**0**	**1**	**122**	**84**	**206**	**195**	**113**	**308**
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	3	3	28	31	0	0	0	7	62	69	10	90	100

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
Design and development of low/minimum cost diet	2	0	8	8	0	0	0	1	42	43	1	50	51
Designing and development for high nutrient efficiency diet	2	0	0	0	0	0	0	10	36	46	10	36	46
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition	3	0	0	0	0	1	1	26	53	79	26	54	80
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
TOTAL	**10**	**3**	**36**	**39**	**0**	**1**	**1**	**44**	**193**	**237**	**47**	**230**	**277**
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	7	32	6	38	0	0	0	64	17	81	96	23	119
Small scale processing and value addition													
Post-Harvest Technology	1	0	0	0	0	0	0	16	4	20	16	4	20
Others, if any	7	149	107	256	1	12	13	60	52	112	210	171	381
TOTAL	**15**	**181**	**113**	**294**	**1**	**12**	**13**	**140**	**73**	**213**	**322**	**198**	**520**
VII. Plant Protection													
Integrated Pest Management	4	19	0	19	0	0	0	89	15	104	108	15	123
Integrated Disease Management													
Bio-control of pests and diseases	5	24	3	27	1	1	2	41	58	99	66	62	128
Production of bio control agents and bio pesticides													
Others, if any Bee-Keeping	6	3	0	0	0	0	0	76	29	105	79	29	108
Lac Cultivation	6	11	28	39	0	0	0	87	79	166	98	107	205
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													

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
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													
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	3	0	11	11	0	0	1	32	71	103	32	83	115
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
TOTAL	3	0	11	11	0	0	1	32	71	103	32	83	115
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths	1	0	0	0	0	0	0	25	15	40	25	15	40
WTO and IPR issues													
Others, if any													
TOTAL	1	0	0	0	0	0	0	25	15	40	25	15	40
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. specify)													
TOTAL	130	732	816	1532	37	39	77	1347	1333	2680	2117	2189	4306

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	6	52	35	87	4	2	6	15	26	41	71	63	134
Crop Production	1	2	14	16	0	0	0	4	4	8	6	18	24
Bee-keeping	5	6	1	7	1	0	1	35	14	49	42	15	57
Integrated farming	1	7	19	26	2	2	4	3	7	10	12	28	40
Seed production	2	3	20	23	0	1	1	21	0	21	24	21	45
Production of organic inputs	1	5	2	7	0	0	0	1	1	2	6	3	9
Integrated Farming	1	7	0	7	1	0	1	8	0	8	16	0	16
Planting material production	2	0	2	2	0	0	0	54	4	58	54	6	60
Soil health management	5	86	29	115	2	2	4	13	7	20	101	38	139
Natural/ Organic farming	2	6	0	6	1	0	1	33	8	41	40	8	48
Protected cultivation of vegetable crops	1	2	0	2	0	0	0	0	0	0	2	0	2
Commercial fruit production	1	2	0	2	0	0	0	18	3	21	20	3	23
Repair and maintenance of farm machinery and implements	3	8	0	8	0	0	0	22	0	22	30	0	30
Nursery Management of Horticulture crops	1	1	0	1	0	0	0	1	0	1	2	0	2
Training and pruning of orchards													
Value addition	1	0	0	0	0	0	0	0	13	13	0	13	13
Production of quality animal products	1	11	1	12	0	1	1	3	0	3	14	2	16
Dairying	3	18	4	22	1	3	4	6	1	7	25	8	33
Sheep and goat rearing	4	42	10	52	1	1	2	44	29	73	89	38	127
Quail farming													
Piggery	1	0	0	0	0	0	0	36	0	36	36	0	36
Lac Cultivation	2	3	4	7	0	0	0	62	9	71	65	13	78
Poultry production	4	35	15	50	3	2	5	50	14	64	88	31	119
Ornamental fisheries													
Enterprise development (Beekeeping)	3	3	3	6	0	0	0	75	6	81	78	21	99
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries	2	0	1	1	0	0	0	20	5	25	20	6	26
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post-Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
TOTAL	**53**	**299**	**160**	**459**	**16**	**14**	**30**	**524**	**151**	**675**	**841**	**335**	**1176**

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	45	16	61	0	1	1	6	18	24	51	35	86

Value addition													
Integrated Pest Management													
Integrated Nutrient management	1	56	15	71	0	0	0	15	2	17	71	17	88
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers	1	26	9	35	3	0	3	13	2	15	42	11	53
Capacity building for ICT application													
Care and maintenance of farm machinery and implements	7	67	144	211	1	0	1	4	24	28	72	168	240
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	3	106	11	117	2	0	2	55	0	55	163	11	174
Gender mainstreaming through SHGs													
Crop intensification													
Others if any													
TOTAL	14	300	195	495	6	1	7	93	46	139	399	242	641

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 participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Crop Production	F & FW	Integrated Farming	45	On	17	68	85	17	68	85
	F & FW	Weed Management	1	Off	27	66	93	12	8	20
	F & FW	Crop Diversification	1	Off	47	98	145	43	75	118
	F & FW	IFS	1	Off	161	139	300	80	76	156

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
	F & FW	Seed Production	1	Off	31	82	113	2	1	3
	F & FW	Nursery Management	1	Off	14	3	17	10	3	13
	F & FW	Integrated Crop Management	1	Off	207	165	372	137	66	203
	F & FW	Cultivation of crops	1	Off	305	217	522	147	102	249
	RY	Crop production	5	On	6	18	24	4	4	8
	RY	Seed Production	5	On	24	21	45	21	1	22
	RY	IFS	45	On	16	0	16	9	0	9
	RY	Production of organic inputs	90	On	13	4	17	2	2	4
	RY	Natural/ Organic farming	2	On	33	7	40	33	7	40
	RY	Integrated farming	5	On	12	28	40	5	9	14
	EP	Productivity enhancement in field crops	1	On	20	30	50	16	12	28
	EP	Productivity enhancement in field crops	1	Off	31	5	36	2	0	2
Horticulture	F & FW	Yield Increment		On	21	3	24	18	3	21
	F & FW	Mushroom Cultivation		On						
	F & FW	INM	1	Off	28	4	32	28	4	32
	F & FW	Off season vegetables	1	Off	58	19	77	45	19	64
	F & FW	Cultivation of vegetables	1	Off	30	5	35	30	5	35
	F & FW	Layout and Management of Orchards	1	Off	14	0	14	14	0	14
	F & FW	Plant propagation techniques	1	Off	21	23	44	21	23	44
	RY	Planting material production	5	On	54	6	60	54	4	58
	RY	Commercial fruit production	5	On	20	3	23	18	3	21
	RY	Gardener	25	On	24	4	28	10	1	11
	RY	Protected cultivation of vegetable crops	90	On	2	0	2	0	0	0
	RY	Nursery Management of Horticulture crops	90	On	2	0	2	1	0	1

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
	EP	Production and use of organic inputs	1	On	99	1	100	53	0	53
	EP	Production and use of organic inputs	1	Off	64	10	74	4	0	4
Soil Science	F & FW	Soil fertility management	1	Off	89	14	103	62	4	66
	RY	Soil health management	15	On	87	10	97	13	2	15
	RY	Soil health management	5	On	0	22	22	0	3	3
	RY	Soil health management	90	On	14	6	20	2	4	6
	EP	Integrated Nutrient management	1	On	71	17	88	15	2	17
Livestock Management	F & FW	Dairy Management	1	Off	22	4	26	0	0	0
	F & FW	Poultry Management	1	Off	3	6	9	0	0	0
	F & FW	Piggery Management	1	Off	41	4	45	41	4	45
	F & FW	Disease Management	1	Off	28	14	42	6	1	7
	F & FW	Goat Framing	1	Off	101	85	186	76	79	155
	RY	Poultry farming	3	On	29	14	43	27	5	32
	RY	Poultry farming	5	On	38	11	49	18	8	26
	RY	Goat Farming	3		39	19	58	27	12	39
	RY	Pig Farming	3		36	0	36	36	0	36
	RY	Fish cum duck farming	3		19	6	25	19	5	24
	RY	Dairy	90	On	25	8	33	7	4	11
	RY	Poultry	90	On	35	8	43	11	4	15
	RY	Goat farming	5	On	50	19	69	18	18	36
Home Science	F & FW	Nutrition gardening	1	Off	10	90	100	7	62	69
	F & FW	Design and development of low/minimum cost diet	1	Off	1	50	51	1	42	43
	F & FW	Designing and development for high nutrient efficiency diet	1	Off	10	36	46	10	36	46
	F & FW	Value addition	1	Off	26	54	80	26	54	80
	RY	Food Processing	5	On	0	13	13	0	13	13
Agril. Engineering	F & FW	Repair and maintenance of farm machinery and implements	1	Off	96	23	119	64	17	81

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
	F & FW	Post-Harvest Technology	1	Off	16	4	20	16	4	20
	F & FW	Water harvesting method	1	Off	210	171	381	61	64	125
	RY	Repair and maintenance of farm machinery and implements	5	On	16	0	16	16	0	16
	RY	Repair and maintenance of farm machinery and implements	180	On	14	0	14	6	0	6
	EP	Information networking among farmers	1	On	42	11	53	16	2	18
	EP	Care and maintenance of farm machinery and implements	1	On	8	161	169	4	24	28
	EP	Care and maintenance of farm machinery and implements	1	Off	64	7	71	1	0	1
Plant Protection	F & FW	Integrated Pest Management	1	Off	108	15	123	89	15	104
	F & FW	Bio-control of pests and diseases	1	Off	66	62	128	42	59	101
	F & FW	Bee-Keeping	1	Off	79	29	108	76	29	105
	F & FW	Lac Cultivation	1	Off	68	39	107	57	11	68
	F&FW	Lac cultivation	45	On	30	68	98	30	68	98
	RY	Lac Production	5	On	65	13	78	62	9	71
	RY	Beekeeping	5	On	64	21	85	59	17	76
	RY	Beekeeping	7	On	47	3	50	47	3	50
	RY	Beekeeping	45	On	9	0	9	5	0	5
	F & FW	Scientific Beekeeping	5	On	8	6	14	5	3	8
	F & FW	Scientific Beekeeping	45	On	32	71	103	32	71	103
	F & FW	Scientific Beekeeping	3	On	0	12	12	0	1	1
	F&FW	Mushroom Cultivation	45	On	41	134	175	41	134	175
	F&FW	Mushroom Cultivation	6	On	3	15	18	3	12	15
	F&FW	Mushroom Production	5	On	19	262	281	6	127	133
	RY	Mushroom Production	5	On	59	72	131	24	36	60
	RY	Mushroom Production	45	On	22	14	33	5	2	7

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
	F & FW	Entrepreneurial development of farmers/youths	45	On	25	15	40	25	15	40
Fishery	RY	Cold water fisheries	90	On	1	0	1	1	0	1

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	
Gardener	Horticulture	Mali Training	25	29	4	33	Nursery	10	10	

**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.	Beekeeping		January	5	RY	1	3	0	28	3	0	3	6	0	31	37	JTDS
2.	Beekeeping		February	7	RY	2	0	0	47	0	0	3	0	0	50	50	NBB
3.	Mushroom Production		February	5	PF	4	1	0	3	122	3	122	123	3	125	251	DHO
4.	Integrated Nutrient Management		April	15	RY	1	44	0	1	4	0	0	48	0	1	49	Self
5.	Vermicomposting		May-June	45	RY	1	0	0	0	19	1	2	19	1	2	22	Self
6.	INM		June-July	15	RY	1	30	1	11	4	1	1	34	2	12	48	Self
7.	Poultry farming		August	5	RY	1	8	1	4	0	0	0	8	1	4	13	Self
8.	Beekeeping		October	3	PF	1	0	0	0	11	1	0	11	1	0	12	NTPC
9.	Mushroom Production		December	5	PF	1	3	0	12	12	0	23	15	0	35	50	DHO
10	Seed Storage		March	2	PF	1	0	0	21	0	0	9	0	0	30	30	DRMR, Bharatpur
11	Horticulture crop Management		September	5	RY	1	2	0	18	0	0	3	2	0	21	23	TATA steel Foundation
12	Beekeeping		September	5	PF	1	12	1	2	13	0	2	25	1	4	30	Self

Area of training	No. of	No. of Participants

	Courses	General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Increasing production and productivity of crops										
Commercial production of vegetables	1	2	0	2	18	3	21	20	3	23
Production and value addition	1	0	0	0	21	9	30	21	9	30
Fruit Plants										
Ornamental plants										
Spices crops										
Soil health and fertility management	2	74	8	79	13	2	15	87	10	97
Production of Inputs at site	1	0	19	19	0	3	3	0	22	22
Methods of protective cultivation										
Other(Mushroom Production)	6	16	147	163	18	150	168	34	297	331
Total	11	92	174	263	70	167	237	162	341	503
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	1	8	0	8	5	0	5	13	0	13
Animal Nutrition Management										
Animal Disease Management										
Fisheries Nutrition										
Fisheries Management										
Other (Beekeeping)	4	3	14	17	75	7	82	78	21	99
Total	5	11	14	25	80	7	87	91	21	112
Home Science										
Household nutritional security										
Economic empowerment of women										
Drudgery reduction of women										
Other										
Total										
Agricultural Extension										
Capacity Building and Group Dynamics										
Other										
Total										
Grand Total	**16**	**103**	**188**	**288**	**150**	**174**	**324**	**253**	**362**	**615**

3.4. A. Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Kisan Mela organized											
Kisan Mela participated	2	355	620	975	58.97	0	0	0	355	620	975
Field Day	6	136	243	379	40.10	6	0	6	142	243	385
Kisan Ghosthi	20	663	375	1038	79.48	13	2	15	676	377	1053
Exhibition organized											

Participation in exhibition											
Film Show	71	3319	3919	7238	68.15	0	0	0	3319	3919	7238
Method Demonstrations											
Farmers Seminar	1	25	38	63	47.62	1	0	1	26	38	64
Workshop	23	652	279	931	68.31	46	8	54	698	287	985
Group discussion	1	30	12	42	73.81	2	0	0	32	12	44
Lectures delivered as resource persons	8	92	201	293	18.43	0	0	0	92	201	293
Advisory Services											
Scientific visit to farmers field	17	122	30	152	84.87	0	0	0	122	30	152
Farmers visit to KVK	48	1223	966	2189	51.80	0	0	0	1223	966	2189
Diagnostic visits											
Exposure visits	3	72	8	80	53.75	0	0	0	72	8	80
Ex-trainees Sammelan	6	310	7	317	66.88	6	2	8	316	9	325
Soil health Camp											
Animal Health Camp	1	18	27	45	26.67	0	0	0	18	27	45
Agri mobile clinic											
Soil test campaigns											
Farm Science Club Conveners meet											
Self Help Group Conveners meetings											
Mahila Mandals Conveners meetings											
Special day celebration	1	118	12	130	55.38	2	0	2	120	12	132
Sankalp Se Siddhi											
Swatchta Hi Sewa	11	231	89	320	58.12				231	89	320
Celebration of important date	9	272	440	712	53.93	7	3	10	279	443	722
Others Awareness Programme	25	734	607	1341	57.64	5	1	6	739	608	1347

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	50
Radio talks	8
TV talks	51
Popular articles	32
Extension Literature	
Electronic media	
Animal health camp	1
Any other	

C. Celebration of important days in KVKs

Celebration of Important Days	No. of activities	Farmers				Extension Officials			Total		
		M	F	Total	SC/ ST (% of total)	M	F	Total	M	F	Total
Republic day (26th Jan.)	1	30	3	33	0	28	3	31	58	6	64
International Women's Day (8th Mar.)	1	0	150	150	61	25	2	27	25	152	177
Ambedkar Jayanti (14th Apr.)											
International Yoga Day (21st Jun.)	1	30	0	30	33	6	0	6	36	0	36
Independence Day (15th Aug.)	2	40	15	45	65	35	3	38	75	18	93
Parthenium Awareness Week	4	62	10	72	16	0	0	0	62	10	72
Hindi Diwas (14th Sep.)	1	7	3	10	0	0	0	0	7	3	10
Gandhi Jayanti (2nd Oct.)											
Mahila Kisan Diwas (15th Oct.)	1	2	43	45	31	0	0	0	2	43	45
World Food Day (16th Oct.)											
Vigilance Awareness Week											
National Unity Day (31st Oct.)											
World Science Day (10th Nov.)											
National Education Day (11th Nov.)											
National Constitution Day (26th Nov.)	1					24	2	26	24	2	26
World Soil Day (5th Dec.)	1	46	43	89	58	4	2	6	50	45	95
Kisan Diwas (23rd Dec.)	1	51	78	129	49				51	78	129

D. Interaction/Live telecast programme of Hon'ble PM/Hon'ble AM

Sl.	Date of event	Name of Event/Programme	Interaction of Hon'ble PM/AM	Participants			
				Farmers	Staffs	VIP/Others	Total
1	24-02-2022	Webinar on budget impementation	PM	71	16		87
2	26-04-2022	Kisan Bhagidari-prathmikta Hamari	AM	286	14		300
3	31-05-2022	Garib kalyan sammelan	PM	704	16		720
4	16-07-2022	Interaction with DFI farmers on occasion of ICAR foundation Day	AM	172	09		181
5	17-10-2022	PM Kisan Sammelan	PM	310	11	03	324

3.5 a. Production and supply of Technological products

Village seed

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
Total								

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided			
				SC	ST	Other	Total
Potato	K. Lalit	122.13	244260	0	25	0	25
Pea	GS-10	12.15	121500	0	7	2	9
Gram	Pusa 3043	4.05	32400	0	17	0	17
Mustard	Pusa Mustard 30	26.42	211360	0	175	26	201
Wheat	DBW187	89.17	178340	0	4	4	8
Linseed	Divya	2.5	6000	0	25	0	25
Sesbania		11.25	67500	0	60	0	60
Black gram	PU-31	3.67	48650	0	10	0	10
Green gram	Virat	4.0	55600	2	22	16	40
Elephant Foot Yam	Gajendra	140.0	280000	0	40	44	84
Pigeon Pea	Rajeev Lochan	5.56	68032	0	45	5	50
Paddy	MTU 1010	46.96	140880	0	109	115	224
	Sahbhagi	32.82	98460				
	CR Dhan 320	27.54	82620				
	Bhutku	17.07	85350				
	Tulsi Mukul	1.2	6000				
	Rajendra Kasturi	1.09	5450				
Tephrosia		3.6	36000	0	173	0	173
Finger Millet	A 404	4.9	18000	1	173	4	178
Grand Total				**3**	**885**	**216**	**1104**

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	Madhuri, Girija etc.	5319	10638	0	468	101	569

Cabbage	Green Champion, Green Master, Summer Queen	5217	10434	0	158	110	268
Tomato	Laxmi 5005, Shobhana	9125	18250	0	355	134	489
Brinjal	VNR 218	5160	10320	0	110	50	160
Chilli	VNR 305, 1616	4160	8320	0	450	70	520
Onion			0	0	375	98	473
Others	Diana, Titanic	2500	5000	0	325	110	435
KnolKhol	Hybrid no. 77	1152	2304	0	187	140	327
Fruits							
Mango	Dashehari, Langra, Amrapali, Mallika	548	51520	0	138	23	161
Guava	Allahabad Safeda, L -49	149	10320	0	50	9	59
Lime							0
Papaya	Ranchi Local	1121	32325	0	198	50	248
Banana	G-9	1	810	0	1		1
Litchi	Shahi, China	272	25550	0	110	29	139
Ornamental plants							
Medicinal and Aromatic	-	0	0	0	0	0	0
Plantation		0	0	0			0
Spices	-	0	0	0	0	0	0
Turmeric	-	0	0	0	0	0	0
Tuber	-	0	0	0	0	0	0
Elephant yams	-	0	0	0	0	0	0
Fodder crop saplings	-	0	0	0	0	0	0
Forest Species	-	0	0	0	0		0
Others (Ornamental plants)	Dieffenbachia, Coleus, dracaena, Croton etc.	865	40980	0	264	56	320
Others (Flower seedlings)	Seasonal flowers	28415	95839	0	1070	121	1191
Total		**64004**	**322610**	**0**	**4259**	**1101**	**5360**

Production of Bio-Products

Name of product	Quantity Kg	Value (Rs.)	No. of Farmers benefitted			
			SC	ST	Other	Total
Bio-fertilizers						
Bio-pesticide (Dasparni)	8456 lit	211400	8	418	124	550
Bio-fungicide						
Bio-agents (Earthwarm)	236.8 Kg	29600	5	15	23	43
Others, please specify. Vermicompost	5429 Kg	54290	20	45	120	185
Total		**295290**	**33**	**478**	**267**	**778**

Production of livestock 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		3404	51060	12	98	60	170
Layers	Divyayan Red	9156	549360	45	204	165	414
Duals (broiler and layer)							
Japanese Quail							
Turkey							
Emu							
Ducks	Khaki Campbell, Vigova Super	29841	2088870	198	408	260	866
Others (Pl. specify)							
Piggery							
Piglet							
Hog							
Others (Pl. specify)							
Fisheries							
Indian carp							
Exotic carp							
Mixed carp							
Fish fingerlings							
Spawn							
Others (Pl. specify)							
Grand Total		**42401**	**2689290**	**1450**			

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

i) Name of Seed Hub Centre:

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

ii) Quality Seed Production of Pulses

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2021						
Rabi 2021						
Summer/Spring 2021						

iii) 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				

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

3.6. (A) Literature Developed/ Published (with full title, author & reference)

Item	Title	Author's name	ISBN No./ISSN Copy	Circulation
Research paper	Organic Farming: assessment of the perception of practicing tribal farmers in Jharkhand Elucidation of nature of gene action and estimation of combining ability effects for fruit yield improvement and yield attributing traits in Brinjal landraces	Brijesh Pandey, Ajeet Kumar Singh, Nidhi Singh, Neha Rajan, Anjani Kumar, Ravindra Kumar Singh and Keshava Neha Rajan, Ajeet Kumar Singh, Anjani Kumar, Ravindra Kumar Singh *et al.*	**Print ISSN:** 0019-5022 **Online ISSN:** 2394-3319 JFQ, Hindawi Publication (IF 3.2)	
Seminar/conference/ symposia papers				
Books	Principles of Genetics Conservation of Biodiversity	S. Debnath, K. Parveen, N.A. Bukhari and Neha Rajan N.R. Chakraborty, S. Debnath, Neha Rajan and B. Pandey	978-93-95468-38-1 978-93-5515-136-0	
Bulletins				
News letter	Prabudh Gram	Dr. Ajeet kr. Singh, Dr. Rajesh Kumar, Dr. B. Mahto, Sri M.K. Singh, Dr. Neha Rajan, Dr. R. K. Singh, Dr. Vishakha Singh & Er. O.P.Sharma		8000
Popular Articles				
Book Chapter	Revitalizing native aromatic rice varieties: a new hope for the rural biotechnology sector in India	Neha Rajan, Ajeet Kr. Singh *et al.*	978-93-95632-83-6	
Extension Pamphlets/ literature				
Technical reports				
Electronic Publication (CD/DVD etc)				
TOTAL				

N.B.: Please enclose a copy of each. In case of literature prepared in local language please indicate the title in English

(B) Details of HRD programmes undergone by KVK personnel:

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	Training	Animal Husbandry	Dr. B. Mahto, SMS, A.H.	3.3.22-5.3.22	ATARI Patna
2.	National workshop of KVKs		Dr. A. K. Singh, Sr. Sci. & Head	2-5 June 2022	YPUH&F,Nauni, Solan
3.	National workshop of KVKs		Dr. Neha Rajan, SMS, GPB	1-2 June 2022	YPUH&F,Nauni, Solan
4.	National workshop of KVKs		Dr. RK Singh, SMS Horticulture	1-2 June 2022	YPUH&F,Nauni, Solan
5.	International Seminar	Harnessing Indian agriculture for domestic and global prosperity	DR. RK Singh, SMS Horticulture	22-23 July 2022	NASC, New Delhi
6.	Seminar	Technology dissemination and experience sharing in Jharkhand	Dr. Rajesh Kumar, SMS, Plant Protection	21 July 2022	CTRTI, Nagri, Ranchi
7.	Workshop	OFT Horticulture Finalization	Dr. R. K. Singh, SMS Horticulture	23-24 Sept. 2022	BAU, Sabour
8.	Workshop	OFT Plant Protection Finalization	Dr. Rajesh Kumar, SMS, Plant Protection	29-30 sept. 2022	ATARI Patna
9.	Workshop	OFT Animal Husbandry Finalization	Dr. Bharat Mahato, SMS, A.H	27-28 Sept. 2022	BASU, Patna
10.	Institutional Visit	To see improved Pattal Making and rope making machine	O.P. Sharma, Lab Assistant	14 Nov. 2022	IIT, Kharagpur
11.	Meeting	Interface meeting of Awardee KVKs with NE KVKs	Dr. Ajeet Kumar Singh, Sr. Sci. & Head	28-30 Sept. 2022	CAU, Imphal
12.	Workshop	Natural farming	Sri M.K. Singh, SMS, Agronomy	3 December 2022	RVSKVV Gwalior
13.	Training	Orientation cum training on natural farming	Sri M.K. Singh, SMS, Agronomy	8-9 December 2022	NFSTC Kurukshetra

3.7. 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	**Shri Nand Kishor Sahu**
Address	Village – Choreya, Block – Chanho, District - Ranchi
Contact details (Phone, mobile, email Id)	9110946832, 7759837727
Landholding (in ha.)	4.3
Name and description of the farm/ enterprise	Diversified Farming
Economic impact	Sri Nand Kishor Sahu Ji is a hard working innovative farmer has been practicing farming for past many years. He is always very keen to adopt and try modern agro-techniques. He has participated in different training programs organized by Divyayan KVK, Ranchi and other organizations. Earlier he was involved only in production of vegetables. Later, in order to maximize his income from agriculture, he adopted

	diversified farming and presently he is involved in production of cereals, pulses and horticultural crops, Dairy, Poultry and Goatery. This way he has successfully managed the possible risk from any one component and maximized the average annual return. In vegetable production he has adopted technology of mixed-farming like Radish + Sweet Corn + Bitter Gourd, Ginger + Coriander (under drip irrigation system with paddy straw mulching), Coriander + Fenugreek/Palak + Carrot (under sprinkler irrigation system) etc. The most important benefit of this model is higher average return than mono-cropping of any one crop of these combinations. Through successful adoption of drip irrigation and mulching he has been able to utilize agricultural resources like irrigation and fertilizers most efficiently resulting lower cost and higher income from crop production. He is following all scientific practices suggested by experts of Krishi Vigyan Kendra, Ranchi in Poultry, Dairy and Goatery also like balance feed management and timely vaccination of animals and birds. In comparison to five years before he has achieved 71.42 per cent higher return (Net Income of Rs. 10-12 lakhs) in the year 2022. As a result of all these efforts he is getting an average annual return of Rs. 10-12 lakhs, presently.
Social impact	Sri Nand Kishor Sahu Ji is now a well- known progressive Farmer ofRanchi District. He has become a role model for farmers of district. He conducts weekly classes in his village where he makes fellow farmers aware about different agro-techniques as per their need and tries to provide them solutions for their crop related problems also.
Environmental impact	Sri Nand Kishor Sahu Ji always tries to replace the chemical inputs used in agriculture with organic alternatives. He has attended different training programs of Organic and Natural Farming organized by DivyayanKVK, Ranchi. He is converting his traditional farm land into fully organic phase-wise. He is also making other farmers aware about the positive impact of organic farming on soil and environment health.
Horizontal/ Vertical spread	Sri Nand Kishor Sahu Ji is playing key role in farmer's led promotion program of different technologies demonstrated by Divyayan KVK, Ranchi. Farmers of different villages visit his farm to learn how to maximize income from agriculture through integration of different components. He has motivated many migrated farmers also and brought them back in agriculture. He not only guide fellow farmers during crop cycle but help them in marketing of their produce also. His own farm has become a model where farmers of different areas. Apart from growing different crops and vegetables he is involved in open field and protected cultivation of flowers also through which he is providing regular employment to 15-20 people.



3.8. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year

Sl. No.	Name/ Title of the technology	Name/ Details of the Innovator(s)	Brief details of the Innovative Technology

3.9. a. Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

Sl. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
1.	Paddy	In Ranchi district tribal farmers broadcast **Goda** paddy seed in upland areas by 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 leaves of *Asan*are bitter, acrid and toxic for	Use of HYVs over large areas for increasing yield has reduced the crop resistance to a lower 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

		insect pests, which help in checking their population.	cost of cultivation and reducing pollution too.
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.

b. Give details of organic farming practiced by the farmer

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

3.10. 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,	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

	both long term and short term with different course contents, are designed and conducted.	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.

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

Sl. No	Name of the Equipment	Qty.
1	pH meter	2
2	EC meter	1
3	Nitrogen analyzer	1
4	Flame photometer	2
5	Spectrophotometer	2
6	Atomic Absorption Spectrophotometer	1
7	Digital balance	3
8	Analytical balance	1
9	Oven	1
10	Double distillation unit	1

3.11.b. Details of samples analyzed so far:

Number of soil samples analyzed		
Through mini soil testing kit/labs	Through soil testing laboratory	Total
0	598	598

3.11.c Detail of Soil, Water and Plant analysis at KVK

Sl.	Analysis	No. of Samples analyzed	No. of Villages	No. of Farmers	Amount realized (Rs.)
1.	Soil	598	64	598	78500
2.	Water				
3.	Plant				
4.	Fertilizers				
5.	Manures				
6.	Food				
7.	Others (if any)				

3.11.d. Details on World Soil Day

Sl. No.	Activity	No. of Participants	No. of VIPs	Name (s) of VIP(s)	Number of Soil Health Cards distributed	No. of farmers benefitted
1	Kisan Gosthi on Soil: Where Food Begins)	89	-	-	-	89

3.12. Activities of Rain Water Harvesting structure and micro irrigation system

No of training programme	No. of demonstrations	No. of plant material produced	Visit by the farmers (No.)	Visit by the officials (No.)
5	7	30155	2189	10

3.13. Technology week celebration

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

3.14. RAWE/ FET programme - is KVK involved? (Y/N)

No of student trained	No of days stayed
10 (RAWE)	30 days
6 (RAWE)	75 days
5 (MDP for SS & Head, KVKs) 2nd-11th July 2022	10 days

ARS trainees trained	No of days stayed

3.15. List of VIP visitors (Minister/ MP/MLA/DM/VC/Zila Parishad/Other Head of Organization/Foreigners)

Date	Name of the person	Purpose of visit
25/03/2022	Dr Rameshwar Oraon, Finance Minister, Govt of Jharkhand	KVK visit & Hydroponics unit inauguration
25/03/2022	Dr O.N. Singh, VC, BAU, Ranchi	KVK visit & Hydroponics unit inauguration
25/03/2022	Smt Nisha Oraon	KVK visit & Hydroponics unit inauguration
24/08/2022	Sri Ram Narayan Ram, Deputy Director, Tribal welfare programme, Govt of Jharkhand	KVK visit and assess the ongoing training programme
05/12/2022	Sri V.K.Vist, CGM NABARD	To see the KVK activities
10/09/2022	Dr Anjani Kumar, Director ATARI	SAC Meeting
10/09/2022	Dr J.Oraon, DEE, BAU	SAC Meeting
10/09/2022	Dr Bikash Das, PS, ICAR-RCER	SAC Meeting
10/09/2022	Sri Vikash Kumar, DAO, Ranchi	SAC Meeting
10/09/2022	District Cooperative officer, Ranchi	SAC Meeting
17/10/2022	Sri C.P.Singh, MLA, Ranchi	P.M.Kisan Sammelan Programme
21/06/2022	Sri Vikask Kumar, DAO, Ranchi	Awareness programme on Balanced use of Fertilizers
31/05/2022	Sri Mahesh Poddar, MP	Garib Kalyan Programme
19/05/2022	Dr P.K.ray, Director, ICAR-DRMR, Bharatpur	Workshop cum Review Meeting of DRMR project
19/05/2022	Dr Anjani Kumar, Director ATARI	Workshop cum Review Meeting of DRMR project
19/05/2022	Dr J. Oraon, DEE, BAU	Workshop cum Review Meeting of DRMR project

4. IMPACT

4.1. Impact of KVK activities (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: Group discussion etc. with ex-Trainees

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 p**articipatory 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	Impacts of organic farming on chemical & biological properties of soil of Dhurleta village	Impact study revealed that organic farming provides healthier soil for the growth of healthy crops than inorganic agriculture. pH,	Due to organic farming increase in microbial population results in improvement of pH and organic matter in soil. It was

		Organic carbon and biological properties were better in comparisons to soil previous year. All treatments had recorded high percentage of organic carbon (> 0.75%) except T1. pH values were found almost neutral in all treatments. All soil contains more microbial population than conventional farm and this is a significant sign of healthy soil. It can be concluded that organic farming based on local resources under this condition can safely substitute the inorganic farming and it ultimatly incereases income of farmers and helps in socio-eonomic upliftment in sustainable manner for small and marginal tribal farmers.	found that natural faming, not only increased the production of crop but also decreased the input cost by 15 to 20 percent.

4.4. Details of innovations recorded by the KVK

Thematic area	Feed management	
Name of the Innovation	Small Hydroponic Unit for Green Fodder Production	
Details of Innovator	Dr. Ravindra Kumar Singh	
Back ground of innovation	Irrigation is the most limiting factor with tribal farmers of Ranchi district. They have small land holding and due to lack of sufficient irrigation facility they are not able to ensure enough green fodder for their cattle.	
Technology details	A small hydroponic structure with a production capacity of 100 kg green fodder per day with a daily requirement of 15 kg maize seed with motorized fogging feature is very useful and very easy to manage.	
Practical utility of innovation	Farmers can ensure round the year availability of green fodder. This is very useful particularly in areas with low irrigation facility.	

4.5. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	Floriculture
Name & complete address of the entrepreneur	Village: Lundri, Block + Thana- Chanho, District: Ranchi
Role of KVK with quantitative data support:	Smt. Shanti Devi, a progressive women farmer from Ranchi district is well known name in the area. Smt. Asha Devi has 10ha (7+3 lease) landholding. Her income was insufficient to sustain the life. In her difficult time, she visited Divyayan Krishi Vigyan Kendra, Ranchi and got

	motivated for floriculture. Smt. Asha Devi was first person who started the work of floriculture in her block. Whenever she had any problem in floriculture, she seeks help scientists of Divyayan Krishi Vigyan Kendra. Before the cultivation of flowers, she used to cultivate vegetables but due to middle man she was unable earn good income. In this way she started farming of Gerbera, gladiolus and Genda (hazara) flower.
Timeline of the entrepreneurship development	Mrs. Asha Devi started floriculture from 2018.
Technical Components of the Enterprise	Shed Net for, planting material
Status of entrepreneur before and after the enterprise	Before adoption of floriculture Smt. Asha Devi used to get rupees **150000** per annum with cultivation of vegetable and cereal crops. She faced problems like lack of awareness about promising varieties, improved agricultural practice, incidence of disease and pest etc. Mrs. Asha Devi took many formal and informal trainings in floriculture and thus started floriculture. After adopting floriculture, she is getting annual income rupees **937520**.
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	By adopting of different technologies in her floriculture, she is now one of the successful progressive farmers of the locality and is very well established and known farmer of the district and Jharkhand state. With the cultivation of Gerbera, she earns 30000 rupees per month. Before Gerbera plantation she did Genda (Hazara) farming due to which she earned 50000 rupees in three months. Smt. Asha Devi has employed more than 20 women because of floriculture farming. She is now a source of inspiration for all the other women of the locality who are learning the things for improving their livelihood.
Horizontal spread of enterprise	Being a laborious, altruist and innovator farm women of her area, she always motivated the farmers to bring change in floriculture and do something innovative in the field of floriculture so that coming generation will adopt floriculture as a profession. At present time Mrs. Asha Devi has employed more than 20 farmers. Many farmers of Ranchi district and nearby district visit her flower farm and get motivated.

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, Palandu, 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-CRRI Cuttack	Demonstration
Directorate of Rapeseed & Mustard, Bharatpur, Rajsthan	Project
ASPEE Foundation, Mumbai	Project

5.2. List of special programme undertaken during 2022 by the KVK, which have been financed by 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.)
CSR	Construction of Tribal Centre	August-2022	RVNL	10000000.00

(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.)
Extension Reforms	Azolla cutivation	January to March 22	ATMA	100000.00
Training	To aware farmers about cultivation of oyster mushroom	February to March 22	DHO	1000000.00
Training	To train farmers about basics and practical aspects of gardening	February 2022	DHO	462000.00

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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/breed	Produce	Qty.	Cost of inputs	Gross income	
1.	Beekeeping		513		Honey	7990 Kg	2097494	2295178	
2.	Dairy		580		Milk		5556542	6070129	
3.	Poultry cum duck unit	2017-18	440.77	Divyayan Red, Kadaknath,	Chicks, duckl	42626	7093480	7512093	

				Kaveri, Vigova Super, Khaki Campbel	ings & hatching eggs	nos.			
4.	Horticulture		5586		Seedlings and planting material	64004 nos.	701338	723860	
5.	Food processing	2011	280		Ragi laddu, pickle etc.	16555 pc	800132	1032853	
6.	Mushroom				Spawn and Mush room	11048 pkt and 270.2 kg	123505	433470	
7.	Seed production				Seed	556.08 Q	1177947	1390365	
	Total						17550438	19457948	

6.2. Performance of Instructional Farm (Crops)

A. **Getalsud**

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	
Potato	26.10.21	11.02.22	0.4	K. Lalit	Certified	81.13	141643	202825	
Pea	29.10.21	25.02.22	0.8	GS10	T/L	9.8	98861	147000	
Gram	2.11.21	17.03.22	0.4	Pusa 3043	C/S	4.05	40978	32400	
Mustard	4.11.21	3.3.22	0.66	PM 30	C/S	7.4	44713	59200	
Wheat	26.11.21	7.4.22	1.8	DBW 187	C/S	85.80	145277	171760	
Linseed	22.11.21	25.03.22	0.14	Divya	F/S	1.06	10018	6300	

Sesbania	28.05.22	10.11.22	0.5		T/L	4.6	21139	27600	
Pigeonpea	24.06.22	Standing	0.72	Rajeev-Lochan	C/S	Standing			
Black gram	15.07.22	24.10.22	1.0	PU-31	C/S	3.67	23439	48650	
Elephant Foot Yam	25.04.22		0.32	Gajendra	T/L	80.0	193950	240000	
Paddy	22.7.22	17.12.22	1.06	MTU 1010/Bhutku	F/S, T/L	41.92	122184	136560	
Finger Millet	28.06.22	8.10.22	0.4	A 404	C/S	4.9	11760	19600	

C. Maheshpur Farm

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	
Potato	2.11.21	1.02.22	0.32	K. Lalit	Certified	41.0	82000	102500	
Pea	3.11.21	16.03.22	0.28	GS10	T/L	2.35	22560	35250	
EFY	6.05.22		0.24	Gajendra	T/L	60	144000	180000	
Mustard	4.11.21	3.3.22	4.0	PM 30	C/S	19.02	111697	152000	
Tephrosia	14.06.22	24.12.22	Only in Bund		T/L	2.6	13260	52000	
Wheat	16.12.21	10.04.22	0.08	DBW-187	C/S	3.37	4854	6740	
Sesbania	8.06.22	14.12.22	0.24		T/L	0.97	5432	5820	
Paddy	19.07.22	30.12.22	0.52	Sahbhagi	F/S	21.0	54160	73500	
Ragi	26.09.22	29.12.22	0.4	A 404	C/S	1.79	4250	6800	

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.	Bio pesticide (Dasparni)	8456 lit	101472	211400	
2.	Liquid manure (Beejamrit)	500 lit	3200	7500	
3.	Vermicompost	5429 Kg		54290	
4.	Earthwarm	236.8 Kg		29600	

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.							
2.							
3.							

6.5. 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)

6.6. Utilization of staff quarters

Whether staff quarters has 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

7.2. Utilization of funds under CFLD on Oilseed *(Rs. In Lakhs)*

Item	Released by ICAR		Expenditure		Receivable as on 31-12-2022
	Kharif	Rabi	Kharif	Rabi	
Niger	0.25		0.88603		-0.63603
Sesame	0.375		0.54285		-0.16785
R & Mustard		0.450		2.09275	-0.164275
Linseeds		0.125		0.91925	-0.79425
Net Total	**0.62500**	**0.575**	**1.42888**	**3.01200**	**-3.24088**
Total Released	1.20000				
Total Expenditure	4.44088				
Receivable as on 31-12-2022	***-3.24088***				

Note: 01-01-2022 to 31-03-2022 calculated (Total Sanctioned, Released and Expenditure /12*3)

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

Item	Released by ICAR			Expenditure			Unspent balance as on 1st April 2022
	Kharif	Rabi	Summer	Kharif	Rabi	Summer	
Green Gram	0.621		0.42300	1.44806		0.37720	-0.78126
Pigeon Pea	0.621			1.75881			-0.113781
Black Gram	0.621			1.52908			-0.90808
Chick Pea		0.42300			1.11491		-0.69191
Lentil		0.62100			1.74715		-1.12615
Net Total	**1.863**	**1.04400**	**0.42300**	**4.73595**	**2.86206**	**0.37720**	**-4.64521**
Total Released	3.33000						
Total Expenditure	7.97521						
Receivable as on 31-12-2022	**-4.64521**						

Item	Released by ICAR	Expenditure	Closing Balance 31-12-2022
Technology Agent	.132	0.03	0.102

Note: 01-01-2022 to 31-03-2022 calculated (Total Sanctioned, Released and Expenditure /12*3)

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

Sl. No.	Particulars	Sanctioned	Released	Expenditure
(A) Recurring Contingencies				
1.	Pay and Allowances	19,167,909	19,167,909	18,598,921
2.	T.A	80,250	80,250	79,929
3	HRD	46,580	46,580	5,454
4	Contingencies :			
A *B*	Stationery,Telephone,Postage and other office expenses POL,Repairs of Vehicle, Tractor & Equipment etc	405,218	405,218	477,854
C	Training of Farmers (Meals)	1,107,487	1,090,425	699,004
D	Training Materials			
E	Training of Extension Functionaries			
F	Training of Rural Youths			

G	Front line Demonstration other than oilseeds & Pulses.			
H	On-Farm-Testing			
I	Soil & Water testing lab.			
J	Maint. & Repairs of Building			
K	Extension activities / Exhibition, Kisan Mela etc.			
	TOTAL (A)	**20,807,444**	**20,790,382**	**19,861,162**
(B) NON-RECURRING HEADS				
1.	Works	-	-	
2.	Vehicle	-	-	
3.	Equipment, Furniture and Furnishing	-	-	
4	Tribal Sub- Plan (TSP) Capital	1,180,796	1,108,853	569,913
5	Library	-	-	-
	TOTAL (B)	**1,180,796**	**1,108,853**	**569,913**
	TOTAL (A+B)	**21,988,240**	**21,899,235**	**20,431,075**

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances			
2	Traveling allowances			
3	Contingencies			
A				
B				
C				
D				
E				
F				
G				
H				
I				
J	Swachhta Expenditure			
TOTAL (A)				
B. Non-Recurring Contingencies				
1				
2				
3				
4				
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				

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)
2019				
2020				
2021				
2022				

7.6. (i) Number of SHGs formed by KVKs - **399**

(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities

KVK is also associated with other SHGs of the district formed by Jharkhand State Livelihood Promotion. KVK regularly organize training programme as per need of SHG

(iii) Details of marketing channels created for the SHGs

a. Formation of Vivekananda self-supporting cooperative society/ FPO for honey producer SHGs. Marketing of honey is being done through cooperative.
b. Formation of ARYA and LEDP (Livelihood and Enterprise Development) groups for SHGs involved in goatery, lac and bee-keeping. Marketing of goats will be done through this group. A Model demonstration unit is constructed at cluster basis support which will be used for this purpose.
c. KVK encourages marketing of SHGs products like hand woven towels, incense sticks, honey and other food products through its sale counter.

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
Inspection of seed production plot	1	Kharif	With line department		
Rabi and Kharif workshop	2	Rabi and Kharif			Both
Training	6	Rabi	With line department		
Joint visit	7	Rabi and Kharif			Both
Demonstration under Extension reforms	10	Kharif		With ATMA	
Training under DAESI program	15	Rabi and Kharif			Both

8. Other information

8.1. Prevalent diseases in Crops

Name of the disease/pest	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)
BPH(Brown Plant Hopper)	Paddy	12/09/2022	400	30	Recommended for Spraying Bupprofezin 25% SC and Imidachloprid 17.8 SL

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)

9.1. Nehru Yuva Kendra (NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

9.3. ***mKisan*** Portal (National Farmers' Portal/ SMS Portal) and Kisan Sarathi

Type of message	No. of messages	No. of farmers covered
Crop	1	51298
Livestock		
Fishery		
Weather		
Marketing		
Awareness	30	2085
Training information		
Other		
Total	31	53383

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	
2.	No. of farmers registered in the portal	*2239*
3.	Mobile Apps developed by KVK	*1*
4.	Name of the App	*Vivek Jaivik Kheti*
5.	Language of the App	*Hindi*
6.	Meant for crop/ livestock/ fishery/ others	*Mainly Crop*
7.	No. of times downloaded	*652*

9.5 Kisan Mobile Advisory Services (KMAS)

Sl. No.	Discipline	No. of Advisories	No. of Messages (text+ videos)	Total messages	No. of Farmers

1.	Crop	634	15 text and 6 vid	655	1218
2.	Livestock	275	2 text	277	859
3.	Weather		4 text	4	584
4.	Marketing		2 vid	2	584
5.	Awareness	108	6 text	114	692
6.	Enterprises	322	2 text	324	906
7.	Others	153	1 text & 4 vid	158	737
8.	Total	858	42	1534	4362

9.6. a. Observation of Swachha Bharat Programme/Pakhwara

Date/ Duration of Observation	Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
02-10-2022	Cleaning of KVK campus and its surrounding	8	10	7	25
19-10-2022	Waste to Wealth (Vermicomposting)	2	27		29
20-10-2022	A cleanliness drive was conducted in the village	2	15		14
21-10-2022	To maintain a clean working environment and to create awareness among students and Farmers for maintaining cleanliness in and around the campus	2		23	25
22-10-2022	Cleanliness Drive at Tourist Spot - Tagore Hill by Motivating School Students	3		35	38
22-10-2022	A cleanliness drive was conducted in the village -Chhotkigorand	2	36		38
29-10-2022	Cleaning of campus was conducted by staff members and trainees	12	15	22	49

b. Details of Swachhta activities with expenditure

Activities	**Number**	**Expenditure (in Rs.)**
1. Digitization of office records/ e-office	1	7,00,000 (Host Organisation)
2. Basic maintenance		
3. Sanitation and SBM	4	
4. Cleaning and beautification of surrounding areas	1	
5. Vermicomposting Composting of biodegradable waste management & other activities on generate of wealth for waste	3 (Farmers Visit to Vermicomposting Unit and one special training)	
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level		

8. Swachhta Workshops		
9. Swachhta Pledge	1	
10. Display and Banner	2	350
11. Foster healthy competition	1	800
12. Involvement of print and electronic media		
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	2	
14. No. of Staff members involved in the activities	29	
15. No of VIP/VVIPs involved in the activities		
16. Any other specific activity (in details)		
Total	**39**	

9.7. Observation of National Science Day

Date of Observation	Activities undertaken

9.8. Programme with Seema Suraksha Bal/ BSF

Title of Programme	Date	No. of participants

9.9. Agriculture Knowledge in rural school

Name and address of school	Date of visit to school	Areas covered	Teaching aids used
Primary School, Dhurleta, Angara	17.08.22	Natural farming	Blackboard
Nav Prathmik Vidyalaya Harjalum, Angara	22.08.22	Health and hygiene	Blackboard

Give good quality 1-2 photograph(s)

Rural school visit on 22.08.2022

9.10. 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		
4.1 .22								77	39	116		

9.11. Details of Swachhta Hi Sewa programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Cleanliness Drive	5	127		
2	Waste Management	2	34		

9.12. Details of Mahila Kisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Awareness Programme on Govt. Run Scheme	1	57		
2	Awareness Programme on Natural Farming	6	45		

9.13. No. of Progressive/ Innovative/ Lead farmer identified (category wise)

Sl. No.	**Name of Farmer**	**Address of the farmer with contact no.**	**Innovation/ Leading in enterprise**
1	Sri Shravan Kumar	Mahilong Ranchi	3 star rated plant nursery
2.	Nand Kishore Sahu	Choreya, Chanho	Vegetable cultivation
3.	Baijnath Mahto	Ormanjhi	Vegetable cultivation with drip irrigation system

4.	Vikas Kumar	Lundari, Chanho	Flower and vegetable cultivation
5.	Motiram Bediya	Hendebilli, Ormanjhi	Secretary of FPO
6.	Dutilal Bediya	Nagrabera Angara	Organic vegetable grower
7.	Shivcharan Bediya	Gundalitoli, Angara	Progressive farmer in Organic farming
8.	GanduraOraon	Gurgurjari Mandar	Lead & Progressive Farmer in Seed production and Horticulture

9.14. Revenue generation

Sl.No.	Name of Head	Income (Rs.)	Sponsoring agency
1	Agriculture Workshop	45,000.00	Petroleum Conservation Research Association (PCRA), Ranchi
2	Farmers Training Programme on Mushroom Production	40,000.00	District Horticulture Officer, Ranchi
3	Certificate Course on INM for Fertilizer Dealers	1,50,300.00	Different Trainees
4	Exposure Visit	47,500.00	ATMA
5	Mushroom Training	215000	DHO, Ranchi
6	Mali Training	49000	DHO, ranchi
	Total	546800	

9.15. Resource Generation:

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs.)	Infrastructure created
1	Livelihood Project	Livelihood Project	Ministry of Tribal Affairs,Govt. of India, New Delhi	60,00,000	
2	Value based Multiskill Development Training in Agriculture and allied sectors	Skill Training	Welfare Department, Govt of Jharkhand	45,85,950	
3	Attracting and Retaining Youth in Agriculture (ARYA) Project	Enterprenuer development	I C A R -A T A R I, Zone -IV, Patna	9,20,000	
4	Schedule Castes Sub Plan (SCSP) Project	Kisan Mela	I C A R -A T A R I, Zone -IV, Patna	3,50,000	
5	Establishment of Poultry cum Duckery unit and housing Management	Livilihood htrough poultry and duckery	Directorate of Groundnut Research, Gujrat.	1,06,000	
6	Youth Leadership and Community Development (TYLCD) Training	Training	Nehru Yuva Kendra, Ranchi	42,000	
7	Mali Training	ASCI training	DHO, Ranchi	490000	
8	Mushroom Training	Income Generation	DHO, Ranchi	1075000	
				14171950	

9.16. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
2008	DST	Not Functioning

9.17. 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

10. Report on Cereal Systems Initiative for South Asia (CSISA)

a) Year:
b) Introduction / General Information:

Experiment	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Experiment 1						
Experiment 2						
Experiment 3						
…						
..						
Others (If any)						

11. Details of TSP

a. Achievements of physical output under TSP during 2022

Sl.	**Activities**	**Physical Achievement**	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer	130	4306
b.	Women		
c.	Rural Youths	53	1176
d.	Extension Personnel	14	641
2)	OFT	No. of OFTs	No. of beneficiaries
		12	65
3)	FLD	No. of FLDs	No. of beneficiaries
		907	907
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
		1568	110812
5)	Other activities		
a.	Participants in extension activities (No.)		
b.	Production of seed (q)	634.46	
c.	Production of Planting material (No. in lakh)	0.61	
d.	Production of Livestock strains (No. in lakh)	0.41	

e.	Production of fingerlings (No. in lakh)	
f.	Testing of Soil, water, plant, manures samples (Nos.)	598
g.	Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)	Pump (0.5 HP)- 25 Vegetable Crates – 4000 Barbed wire for bee-keeping – 15 Bee-box-100 Battery sprayer- 50 Small tool kit- 68 Cow Floor (ICAR-Junagarh)- 50 NADEP (ICAR-Junagarh)- 50 Goat raised platform (ICAR-Junagarh)- 25 Seed bin- 59 Azolla unit- 30
h.	No. of other programmes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	8+2+

b. Fund received under TSP in 2022-23 (Rs. In lakh): **20.77**

c. Achievements of physical outcome under TSP during 2022

Sl. No.	Description	Unit	Achievements
1	Change in family income	%	10-12
2	Change in family consumption level	%	5-7
3	Change in availability of agricultural implements/ tools etc.	No. per household	

d. Location and Beneficiary Details during 2022

District	**Sub-district**	**No. of Village covered**	**Name of village(s) covered**	**ST population benefitted (No.)**		
				M	**F**	**T**

Ranchi	Ranchi	41	Khabhawan, Sitadih, Kamta, Kathartoli, Muramu, Chipibandhdih, Jaratoli, Paharsingh, Sarnatoli, Sitadih, Hulsi, Resham Banadag, Arwabera, Gondalitoli Simratoli Budhakocha, Bhognabera, Jhinki Budhadih, Jargo Basukocha, Matkamdih, Kuchhu, Badri, Barwatoli, Soso, Badkigodang, Obar, Nawagarh khaksitoli, Pola Tilayi Dublabera Sakarpur, Kanadih, Kudalu Dublabera, Nagrabera, Dhurleta, Tirlakocha, Piprabera, Sarjamdih, Mansabera	420	171	591

Note: These beneficiaries are under TSP capital fund only.

12. Details of 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.)		

13. Progress report of NICRA KVK (Technology Demonstration component) during the period (Applicable for KVKs identified under NICRA)

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	

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	

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	

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	

Capacity building

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

Extension activities

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

Detailed report should be provided in the circulated Performa

14. a) Awards/Recognition received by the KVK in year 2022

Sl. No.	Name of the Award	Conferring Authority	Amount	Purpose
1	Certificate of honour	ICAR-ATARI, Zone IV, Patna	-	Popularization of organic farming
2	Recognition award	ICAR-ATARI, Zone IV, Patna	-	Outstanding contriobuition to the growth and development of KVK

b) Award received by Farmers in year 2022

Sl.	Name of the Award	Name of the Farmer	Address	Contact No.	Aadhar No.	Amount	Purpose	Conferring Authority

15. Any significant achievement of the KVK with facts and figures as well as quality photograph

16. 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 UtpadakSwawlambiSahakari 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, Oramnjhi, 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.

17. 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	2097494	2295178	2500	12
2	Dairy	0.058	Milk	5556542	6070129	500	8
3	Poultry cum Duckery	0.0440	Chicks and ducklings	7093480	7512093	3000	10
4	Horticulture	0.5586	Planting Material	701338	723860	5000	15
5	Food Processing	0.028	Nutritious Laddu	800132	1032853	250	7

6	Mushroom	0.003	Spawn	123505	433470	1250	10
7	Seed Production		Seed	1177947	1390365	135	10

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.								
2.								
3.								

18. Technologies for Doubling Farmers' Income

Sl. No.	Name of the Technology	Brief Details of Technology (3- 5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to adoption of the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1	Economic empowerment of farmers through beekeeping: A way to sweet revolution	➢ Use of five comb per frame instead of three in Italian bee keeping ➢ Processing of honey at farmer's end. ➢ Formation of Farmers Producer Organization (FPO) ➢ Marketing of honey by FPO. Promotion of Italian beekeeping for progressive farmers and indigenous beekeeping for resource poor farmers	150000 to 200000	400-500 farmers	

2	Raised bed and furrow planting method with bio-mulching	➢ Cultivation of vegetables in two row raised beds with bio-mulching with normal plant spacing. With 0.6-1m width and 0.15-0.20 m height of bed. ➢ In between the beds a furrow of 0.15 m wide is made that helps in irrigation as well as drainage. The depth of the furrow is deepen with the crop growth. Bio-mulching with paddy straw and dry forest leaves.	40000 to 50000	100 farmers	
3	Profitable goat farming by scientific management of goat farms	➢ Improve goat housing by use of raised platform (40feet length X 2.5feet width at 1feet above ground) for twenty goat ➢ Gentle slope in floor to slope down the urine and excess water for use as liquid organic nutrient management. ➢ Scheduled vaccination for PPR ➢ Scheduled deworming and proper feeding with minerals mixture Formation of farmer's interest group (FIG) of goat farmers for	50000 to 60000	400 farmers	

		better management of farms and organized marketing			
4	**Local resource based Natural farming**	➢ Natural resource based organic nutrient management (Shasyagavya, Panchgavya, Beejsanjeevinee etc) ➢ Preparation of composting by NADEP and Vermicomposti ng method ➢ Use of cow urine for preparation of liquid organic manure Disease and pest management by Dashparni and other bio pesticides	40000-50000	250 farmers	
5	Livelihood in lac secured through intervention of ARYA project	➢ Training and front line demonstration on scientific lac cultivation ➢ Formation of brood lac bank ➢ Kushmi lac cultivation on ber and kushum plant Establishment of lac processing unit at farmers field to enhance the additional income	100000-120000	2500 farmers	
6	**Backyard poultry and duckery as part of integrated farming**	➢ Rearing high yielding dual purpose breed like Divyayan Red, Jharshim and Khaki Campbell duck	10000	3000-4000 farmers	

		(20 to 30 bird per unit) ➢ Feeding by low cost locally available feed Scientific management of poultry (proper vaccination and medication)			
7	**Participatory seed production on group basis**	➢ Identified the interest farmers ➢ Technical backstopping ➢ Formation of seed village group Market linkage	50000-60000	250 farmers	
8	Promotion and commercialization of indigenous scented rice	➢ Introduction of indigenous scented rice in low land areas ➢ Paddy production by organic method ➢ Seed production ➢ Purchased as seed Sale as a seed and rice	25000	500 farmers	
9	Introduction of bio fortified mustard PM-30	➢ Introduction of low water requirement mustard crop in rice fallow area ➢ Erucic acid less than 2 % ➢ Installation of oil expeller machine Demonstration of mustard in one cluster of 400 acre	10000-12000	2500 farmers	
Sl. No.	Name of the Technology	Brief Details of Technology (3- 5 bullet points)	Net Return to the farmer (Rs.) per	No. of farmers adopted the technolog	One high resolution 'Photo' in 'jpg' format for each technology

			ha per year due to adoption of the technology	y in the district	
1					
2					

19. 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					

20. 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)
26-03-2022	Dr. Rameshwar Oraon	Finance, Govt. of Jharkhand	Farmers should be made aware of the schemes meant for welfare of the farmers.

21. a) Information on **ASCI** Skill Development Training Programme, undertaken during 2022

Year	Name of the Job role	Name of the certified Trainer of KVK for the Job role	Date of start of training	Date of completion of training	No. of participants	Whether uploaded to SDMS Portal (Y/N)	Fund utilized for the training (Rs.)
2022	Gardener	Dr. Ravindra Kumar Singh	17-02-2022	13-03-2022	33	YES	412500

b) Information on Skill Development Training Programme (**Other than ASCI or less than 200 hrs**., if any) if undertaken during 2022

Thematic area of training	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	

22. Information of NARI Project (if applicable)

Name of Nodal Officer	No. of OFT on specified aspects	Title(s) of OFT	No. of FLD on specified aspects	No. of capacity development programme on	Total no. of farm women/ girls involved in the project	Details of Issues related to gender mainstreaming addressed

				specified aspects		through the project
Dr. Garima Singh	-	-	25	4	25	NARI project has multifold effect on farm women

Progress Information of NARI Project

a. 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, Block-Ormanjhi, Ranchi	Backyard/Kitchen garden	25	40.5	25
2.		Community level			
3.		Terrace Garden			
4.		Vertical Garden			
TOTAL					

b. Details of Bio-fortified crops 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
Sakarpur, Lapung	Rabi	FLD	Oilseed	Mustard	PM-30	10.8	27
Pola, Lapung	Rabi	FLD	Oilseed	Mustard	PM-30	4.8	12
Baridih, Bero	Rabi	FLD	Oilseed	Mustard	PM-30	10	25
Chalania, Burmu	Rabi	FLD	Oilseed	Mustard	PM-30	10.4	26
Arakeram, Ormanjhi	Rabi	FLD	Oilseed	Mustard	PM-30	4	10
Khuter, Burmu	Rabi	FLD	Oilseed	Mustard	PM-30	10.8	27
Koyjam, Burmu	Rabi	FLD	Oilseed	Mustard	PM-30	8.4	21
Kotha, Burmu	Rabi	FLD	Oilseed	Mustard	PM-30	9.6	24
Dhawaya, Burmu	Rabi	FLD	Oilseed	Mustard	PM-30	12	30
Sumo, Burmu	Rabi	FLD	Oilseed	Mustard	PM-30	7.6	19
Aktan, Burmu	Rabi	FLD	Oilseed	Mustard	PM-30	1.2	3
Rakhot, Burmu	Rabi	FLD	Oilseed	Mustard	PM-30	10.8	27

c. 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
Rada, Kanke	**Tamrind**	**Tamrind**	**OFT**	**20**

d. Training programmes in Nutri-Smart village

Name of Nutri Smart Village	Area of Training	No of courses	No. of beneficiaries
Datma, Block-Ormanjhi, Ranchi	Importance of Nutri Garden for Health	4	148

e. Extension activities under NARI Project

Name of Nutri-Smart Village	Title of Activity	No. of activities	No. of beneficiaries

Datma, Block-Ormanjhi, Ranchi	FLD	4	25

23. Activities under KSHAMTA

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

24. Information on Krishi Kalyan Abhiyan Phase- I/ Phase-II/ Phase-III, if applicable

Krishi Kalyan Abhiyan- I/II

A. Training

Name of programme	***No. of programmes***	***No. of farmers benefitted***									***No. of officials attended the programme***
		SC		***ST***		***Others***		***Total***			
		M	***F***	***M***	***F***	***M***	***F***	***M***	***F***	***T***	
KKA-I	83	5	2	1745	1225	556	292	2306	1519	3825	35
KKA-II	37	0	0	445	265	376	220	821	485	1306	5

B. Distribution of seed/ planting materials/ input/ others

Name of programme	No. of Programme	Total quantity distributed				No. of farmers benefited									No. of other officials (except KVK) attended the programme
						SC		ST		Others		Total			
		Seed (q)	Planting material (lakh)	Input (kg)	Other (kg/ No.)	M	F	M	F	M	F	M	F	T	
KKA-I	25	430	0.12	0	0	165	24	2150	1445	1365	1276	3680	2745	6425	25
KKA-II	25	124.30	0	0	0	15	7	956	675	645	278	1616	960	2576	25

C. Livestock and Fishery related activities

Name of programme	No. of Programme	Activities performed				No. of farmers benefited									No. of other officials (except KVK) attended the programme
		No. of animals vaccinated	No. of animals dewormed	Feed/ nutrient supplements provided (kg)	Any other (Distribution of animals/ birds/ fingerlings) [No.]	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
KKA-I	25	13347	0	0	0										
KKA-II	25	1188	0	0	0										

D. Other activities

Name of programme	Activities	No. of farmers benefited									No. of other officials (except KVK) attended the programme
		SC		ST		Others		Total			
		M	F	M	F	M	F	M	F	T	
KKA-I	Soil Health Card Distributed									4465	
	NADEP Pit established	0	0	255	25	32	8	287	33	321	15
	Farm implements distributed	0	0	170	5	241	72	411	77	488	25
	Others, if any										
KKA-II	Soil Health Card Distributed									2363	
	NADEP Pit established										
	Farm implements distributed										
	Others, if any										

Krishi Kalyan Abhiyan- III

No. of villages covered	No. of animal inseminated	No. of farmers benefitted									Any other, if any (pl. specify)
		SC		ST		Others		Total			
		M	F	M	F	M	F	M	F	T	

25. ARYA

KVK	**No. of entrepreneurial units established**	**No. of Training programs organized**	**No. of rural youth trained**		**No. of youth established units**	
			Male	**Female**	**Male**	**Female**
Bee Keeping	36	2	32	16	21	15
LAC Cultivation	48	2	65	13	37	11
Goatery	25	8	116	86	5	20

26. Any other programme organized by KVK, not covered above

Sl. No.	Name of the programme	Date of the programme	Venue	Purpose	No. of participants
1	National Youth Day	12-01-2022	Divyayan KVK (Hybrid Mode)	To create awareness among youths for Nation building through the powerful speech and writings of Swami Vivekananda	3000
2	World Pulses Day	02-10-2022	Village-Chalaniya, Block-Burmu, Ranchi	To create awareness on Cultivation of Pulses	59

27. Good quality action photographs of overall achievements of KVK during the year (best 10)

Theory Class for Goatery Trainees Under ARYA Project

Theory Class for Bee Keeping Trainees Under ARYA Project

Data Collection under OFT

Animal Health Camp

Distribution of Bee Boxes to ARYA Beneficiaries

Goatery by one of the Arya Beneficiary

Input Distribution under ARYA Project

Off Campus Training under CFLD

Farmers Visit to KVK Campus

Farmers Visit to KVK Campus

Cow Floor Constructed under TSP

Drum For Liquid Manure under TSP

Input Distribution under CFLD

Input Distribution under CFLD

Awareness Programme on Natural Farming

Awareness Programme on Natural Farming

Scientist Visit to Farmer's Field

Launching of Mustard oil under ICAR-DRMR project

कृषि वैज्ञानिक ने 250 किसानों का दलहन एवं तिलहन फसल का प्रत्यक्षण किया गया

पंच संवाददाता

बुढ़मू। प्रखंड क्षेत्र अंतर्गत सारले पंचायत के धवैया में बुधवार को दिव्ययान कृषि विज्ञान केंद्र राम कृष्णा मिशन मोराबादी रांची के नेतृत्व में एक दिवसीय किसान दिवस सह कार्यशाला का हुआ आयोजन। कार्यशाला में कृषि विज्ञान केंद्र के कृषि फसल वैज्ञानिक डा मनोज कुमार सिंह के द्वारा तिलहन एवं दलहन के खेती करने के लिए उन्नत किस्म की बीज से अच्छे फसल से होने वाले लाभ की जानकारी दिया। इसमें किसानो को 150 एकड़ सरसों, 50 एकड़ तीसी , 25 एकड़ चना, 25एकड़ मसूर की खेती की गई है। इस दौरान 250 किसानो के फसल का समूह प्रत्यक्षण किया गया। साथ ही प्राकृतिक कृषि के माध्यम से फसल उत्पादन तकनीक के द्वारा किसानो को जानकारी दी गई। मौके पर सुरेश महतो, पूर्व प्रमुख रामेश्वर पहान, साल्खो देवी, मुनिता देवी, शरिता देवी, रेणु देवी, बालो देवी, के साथ दर्जनो महिला पुरूष शामिल हुए।

दिव्यायन कृषि विज्ञान केन्द्र में महिला दिवस पर कार्यक्रम आयोजित

रांची। दिव्यायन कृषि विज्ञान केन्द्र, रामकृष्ण मिषन आश्रम, मोराबादी में जिला कृषि पदाधिकारी–सह–परियोजना निदेशक, आत्मा, रॉची द्वारा अंतराष्ट्रीय महिला दिवस का आयोजन किया गया। कार्यक्रम में मुख्य अतिथि कृषि निदेषक निषा उरॉव, रामकृष्ण मिशन के सचिव स्वामी भवेषानंद महाराज, संतोष कुमार, मुकेष कुमार सिन्हा सम्मिलित हुए। कार्यक्रम का शुभारम्भ मंत्रोच्चार के साथ दीप प्रज्वलित कर किया गया। विकास कुमार ने सभी अतिथियों का स्वागत पुष्प गुच्छ देकर किया। मुख्य अतिथि के रुप में उपस्थित कृषि निदेषक निषा उरॉव ने महिलाओं को संबोधित करते हुए कहा कि महिला प्रधान स्वयं सहायता समूह व कृषक उत्पादक समूह को कृषि विभाग के सभी योजनाओं से जोड़ा जा रहा है। स्वामी भवेषानन्द महाराज ने अंतराष्ट्रीय महिला दिवस के विषय "एक स्थायी कल के लिए आज लैंगिक समानता" पर विशेष चर्चा की। कार्यक्रम के दौरान विभाग के महिला पदाधिकारियों एवं कर्मियों को प्रशस्ति पत्र तथा अंगवस्त्र से सम्मानित किया गया। साथ ही महिला कृषकों को भी अंगवस्त्र से सम्मानित किया गया। कार्यक्रम में जिला कृषि कार्यालय के सभी अधिकारीगण, कर्मचारीगण, दिव्यायन कृषि विज्ञान केन्द्र के सभी वैज्ञानिकगण, जिले के कृषक उत्पादक समूह के सदस्य तथा प्रखण्ड तकनीकी पदाधिकारी सहित कॉके, चान्हो, अनगड़ा, ओरमांझी, बुडमू, नगड़ी आदि प्रखण्डों से लगभग 300 महिला कृषकों ने भाग लिया।

40 वैज्ञानिकों ने देखी प्राकृतिक खेती

भ्रमण

अनगड़ा, प्रतिनिधि। बीएयू के अतिरिक्त प्रसार निदेशक डॉ एस कर्मकार के नेतृत्व में शुक्रवार को बिरसा कृषि विवि के 16 कृषि वैज्ञानिक और राज्य के सभी जिलों के 24 कृषि विज्ञान केंद्रों के वरीय वैज्ञानिकों का दल प्रखंड के नगड़ाबेड़ा गांव का भ्रमण किया।

दल में बिरसा कृषि विश्वविद्यालय के दो प्रोफेसर भी शामिल थे। नगराबेड़ा गांव में दिव्यायन कृषि विज्ञान केंद्र रांची के तकनीकी मार्गदर्शन में प्राकृतिक खेती अपनाई गई है। सभी कृषि वैज्ञानिकों को आम के पत्ते का मुकुट देकर ग्राम प्रधान दूतीलाल बेदिया के नेतृत्व में किसानों ने पारंपरिक विधि से स्वागत किया। दिव्यायन कृषि विज्ञान केंद्र रांची के वरीय वैज्ञानिक डॉ अजीत कुमार सिंह ने किसानों को प्राकृतिक खेती के बारे में जानकारी दी।

कार्यक्रम में वैज्ञानिकों ने दो समूह में गांव में प्राकृतिक खेती के लिए हुए कार्यों को देखा। प्रथम समूह का नेतृत्व डॉ राजेश कुमार जबकि द्वितीय समूह का नेतृत्व डॉ अजीत कुमार सिंह ने किया। ग्राम भ्रमण के बाद वैज्ञानिक-कृषक संवाद कार्यक्रम में प्राकृतिक खेती के प्रति किसानों ने अपने अनुभवों को साझा किया।

किसानों ने बताया कि निम्न लागतवाली इस तकनीक से न केवल खेती में लाभ का अनुपात बढ़ा है, बल्कि मृदा एवं पर्यावरण के स्वास्थ्य में भी सुधार हुआ है। मौके एक उपमुखिया राजेंद्र बेदिया, किसान महेश बेदिया, रिंकू बेदिया, सुरेश बेदिया, रतन बेदिया, सहरू बेदिया और संदीप बेदिया आदि मौजूद थे।

कार्यक्रम : दिव्यायन कृषि विज्ञान केंद्र रांची ने कृषि कार्यशाला का किया आयोजन

वैज्ञानिकों ने कृषकों को वैज्ञानिक विधि से खेती के लिए किया प्रोत्साहित

कार्यक्रम का मुख्य उद्देश्य राज्य में सरसों फसल के क्षेत्रफल और उत्पादकता में वृद्धि करना था

आजाद सिपाही संवाददाता

कृषि, पशुपालन एवं सहकारिता विभाग, झारखण्ड सरकार

कृषि निदेशालय, झारखण्ड

कार्यालय, जिला कृषि पदाधिकारी, राँची

किसान भाईयों के लिए कृषि परामर्श

रॉची जिले में जुलाई वर्ष 2022 में औसत वर्षा से 43 प्रतिशत कम वर्षा आंकी गई है, जिससे कई प्रखण्डों में खरीफ फसलों की बुवाई एवं विशेष कर धान की रोपनी काफी प्रभावित हुई है। ...

... अशोका, पुखराज, सब्जी मटर किस्म आरकेल, GS-10, तोरिया किस्म पांचाली, T-9, PT- 303, टमाटर किस्म अर्का सम्राट आदि लगायें।

- सब्जी फसल की खेती में नमी संरक्षित करने हेतु मल्चिंग का व्यवहार करें।

अजीत कुमार सिंह
वरीय वैज्ञानिक, दिव्यायन कृषि विज्ञान केन्द्र
रामकृष्ण मिशन आश्रम, रॉची

विकास कुमार
जिला कृषि पदाधिकारी, रॉची

PR 274645 Agriculture (22-23)_D

आर्या परियोजना के तहत ब्लैक बंगाल नस्ल की बकरियों का किया गया वितरण

अनगड़ा, राहे, कांके, बुढ़मू आदि प्रखंडों में संस्था के माध्यम से बकरी पालन को बढ़ावा देने के लिए कई कार्यक्रम चलाये जा रहे है

आजाद सिपाही संवाददाता

दैनिक भास्कर रांची आसपास 13-12-2022

खूंटी-खलारी-आसपास

प्राकृतिक खेती को बढ़ावा देने के लिए प्रशिक्षण सह जागरूकता कार्यक्रम का आयोजन

प्राकृतिक खेती को बढ़ावा देकर अच्छी मुनाफा ले सकते हैं किसान : वैज्ञानिक

दिव्यायन कृषि विज्ञान केन्द्र ने किसनों के बीच रंगीनी लाह बीज का किया वितरण

सिकिदिरी (आजाद सिपाही) । दिव्यायन कृषि विज्ञान केन्द्र रामकृष्ण मिशन आश्रम मोराबादी राँची ने आज अर्या परियोजना के माध्यम से ओबर गॉव के टोला हड़राबेड़ा मे 33 किसानों के बीच रंगीनी लाह बीज का वितरण किया । कार्यक्रम का संचालन मे दिव्यायन कृषि विज्ञान केन्द्र के वरीय सह प्रधान वैज्ञानिक डॉ.अजित कुमार सिंह एवं पादप, रोग एवं किट प्रबंधन के वैज्ञानिक डॉ राजेश कुमार का अहम योगदान है। आज इस अवसर पर प्रक्षेत्र सहायक मनोरंजन कुम्हार, ललकु बेदिया, बालेशवर बेदिया, सालिकराम बेदिया आदि के अलावा अन्य उपस्थित थे।

झारखंड में अबतक मात्र 21.59 प्रतिशत ही हुई धान की बुआई

पोषण वाटिका स्थापना एवं प्रबंधन विषय पर एक दिवसीय प्रशिक्षण आयोजित

अनगड़ा ; चाड़ू पंचायत के डटमा गांव में गुरूवार को रामकृष्ण मिशन आश्रम दिव्यायन कृषि विज्ञान केंद्र मोराबादी रांची के द्वारा पोषण वाटिका स्थापना एवं प्रबंधन विषय पर एक दिवसीय प्रशिक्षण गुरुवार को आयोजन किया गया. कृषि विज्ञान केंद्र में कार्यरत डॉ विशाखा सिंह एवं डॉ रवींद्र कुमार सिंह ने उपस्थित 43 प्रतिभागियों को पोषण वाटिका के महत्व, उसकी स्थापना एवं उसके समसामयिक प्रबंधन के बारे में जागरूक किया .बारी में एक डिसमिल क्षेत्रफल की पोषण वाटिका मॉडल को स्थापित करने हेतु मार्गदर्शन किया जा रहा है. इसके अतिरिक्त आवश्यक बीज भी वितरण किया गया है ।

मनुष्य ही नहीं, मुर्गियों के स्वास्थ्य के लिए भी रामबाण है हल्दी

जागरण विशेष

नीलमणि चौधरी • रांची

15 दिन पहले अंडा देना शुरू कर देती है, मृत्युदर भी कम, हल्दी खिलाने से दवा पर निर्भरता होगी कम

कृषि विज्ञानी के अनुसार हल्दी खाने वाली मुर्गियां संक्रामक रोग से रहती है सुरक्षित, नहीं होता बर्ड फ्लू

दवा के सहारे जिंदा रहने की मजबूरी खत्म, लागत भी कम

हल्दी खाने वाली मुर्गियों को नहीं होता खूनी दस्त

हैं। सरकार से मांग की कि चल रहे ... ने बात रखी।

प्राकृतिक खेती की संभावना पर कार्यशाला में हुआ मंथन

भारत में बुधवार को प्राकृतिक खेती की चुनौतियों पर कार्यशाला में शामिल लोग।

रांची, संवाददाता। रामकृष्ण मिशन की 125वीं वर्षगांठ के अवसर पर भारत में प्राकृतिक खेती की अवधारणाओं, चुनौतियों और संभावनाओं के विषय पर एक दिवसीय कार्यशाला आयोजित की गई।

रामकृष्ण मिशन विवेकानंद शैक्षणिक एवं अनुसंधान संस्थान, दिव्यायन कृषि विज्ञान केंद्र और रामकृष्ण मिशन आश्रम मोरहाबादी ने संयुक्त रूप से इसका आयोजन किया। ... प्रशासनिक पदाधिकारी स्वामी भवेशानंद थे। मुख्य अतिथि आईसीएआर भोपाल के निदेशक डॉ. एके पात्रा थे। स्वामी भवेशानंद ने भारत में प्राकृतिक खेती की अवधारणाओं चुनौतियों और संभावनाओं के विषय पर विचार रखे। दिव्यायन कृषि विज्ञान केंद्र के मनोज सिंह ने भारत में प्राकृतिक खेती में फसल उत्पादन पर कई जानकारी दी। डॉ. एके पात्रा ने मृदा सुपोषण विषय पर व्याख्यान दिया। कार्यशाला में 300 लोगों शामि हुए।

आर्या परियोजना : ओबर गांव में मधुमक्खी पालकों के बीच 61 मधुमक्खी बॉक्स का किया गया वितरण

मधुमक्खी पालन से जुड़े युवाओं की आय हुई दोगुनी

आर्या परियोजना अंतर्गत लगभग 300 से अधिक लोग कर रहे हैं मधुमक्खी पालन

आजाद सिपाही संवाददाता

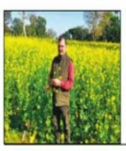
सिकिदिरी। भारतीय कृषि अनुसंधान परिषद द्वारा प्रायोजित आर्या परियोजना का क्रियान्वयन रांची जिले में दिव्यायन कृषि विज्ञान केन्द्र रामकृष्ण मिशन आश्रम रांची द्वारा किया जा रहा है। इस परियोजना के अंतर्गत ... बक्स का वितरण किया गया। इस परियोजना अंतर्गत विगत चार वर्षों में लगभग 300 से अधिक लोग जो मधुमक्खी पालन कर रहे हैं। ... लापुंग, बेड़ो आदि प्रखंडों में भी कार्य किया गया। परियोजना से खेती बारी के अलावा किसानों को 60 से 70 हजार रुपये की अतिरिक्त आमदनी हो रही है। ... कर कम से कम दो लाख रुपए गॉव मे रहते हुए कमाए। जिसे आस पास के नवयुवक भी प्रेरित होकर इस योजना से जुड़कर अपनी आमदनी बढ़ाने के लिए आग्रसर हो रहे हैं। इसे ग्रामीण अर्थव्यवस्था पर भी प्रभाव पड़ रहा है। आने वाले समय में इस योजना से और भी नवयुवक जुड़ कर इस व्यवसाय को आगे ले जाते हुए अपनी आमदनी दोगुनी करने का लक्ष्य हासिल करने में अहम भूमिका अदा करेंगे।

तिलहन की उन्नत खेती से रांची के किसान हो रहे खुशहाल, किसानों को प्रति हेक्टेयर छह क्विंटल अधिक मिलेगा सरसों

पहले मेड़ पर लगाते थे सरसों, अब पूरे खेत में उत्पादन

खेती-किसानी

यह आया है बदलाव



250

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12 हजार हेक्टेयर में सरसों की खेती

हेसातु पंचायत के दुबलाबेड़ा गांव में मनाया गया विश्व जल दिवस

सिकिदिरी (आजाद सिपाही)। थाना क्षेत्र हेसातु पंचायत के दुबलाबेड़ा गांव में मंगलवार को रामकृष्ण मिशन आश्रम दिव्यायन कृषि विज्ञान केन्द्र मोराबादी रांची के नेतृत्व में विश्व जल दिवस कार्यक्रम मनाया गया। कार्यक्रम का मुख्य उद्देश्य जल का सदुपयोग करते हुए, जल संरक्षण पर किसानों का ध्यानाकृष्ट करना था। कार्यक्रम में उपस्थित दिव्यायन कृषि विज्ञान केन्द्र के मोराबादी रांची के कृषि अभियंता ओपी शर्मा ने ग्रामीणों को जल संरक्षण के बारे में विस्तार पूर्वक जानकारी दी। साथ ही उन्होंने कहा कि पानी का अनावश्यक दुरुपयोग नहीं करना चाहिए। श्री शर्मा ने खासकर किसान लोगों से विशेष आग्रह किया कि किसान भाई अपने खेतों में सिंचाई के लिए ड्रिप एरीगेशन सिस्टम का उपयोग कर पानी को बचाने का प्रयास करें। मौके पर श्यामसुन्दर बेदिया, योगेन्द्र बेदिया, शोभाराम बेदिया, बैजनाथ बेदिया, राजकुमार बेदिया, के अलावे ग्रामीण उपस्थित थे।फोटो कैप्शन 1