ANNUAL REPORT

(1st January – 31st December, 2024)

GVT - Krishi Vigyan Kendra
Chakeshwari Farm, Godda, Jharkhand- 814133
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ICAR-Agricultural Technology Application Research Institute Zone -IV, Patna

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PROFORMA FOR ANNUAL REPORT 2024 (01st January- 31st December 2024)

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	
Gramin Vikas Trust – Krishi Vigyan Kendra Chakeshwari Farm, Godda, Jharkhand, Pin-814133	9939498711		kvkgodda@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	
Head Office: Gramin Vikas Trust, KRIBHCO BHAWAN, "A" Wing, 5th Floor, A-8-10, Sector-1, Gautam Budh Nagar, Noida, U. P. (India)	0120-2535622, 2535618, 2535520, 2535621	0120-2535022, 2535020	honoida@gvtindia.org
Project Office: Gramin Vikas Trust, C/o Sri D. D. Mishra, Vidyapati Nagar (Near Srijan Xray Centre), Behind Nucleus Mall, Kanke Road, Ranchi - 834008	7903419700		gvtranchi@gvtindia.org

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Ravi Shanker	--	9939498711	kvkgodda@gmail.com

1.4. Year of sanction of KVK with council order No. and date: March, 2006, F.No.6-1/2001-AE-I (24.03.2006)

1.5. Staff Position (as on 31st December 2024)

Sl. No.	Sanctioned post	Name of the Incumbent	Designation	Discipline	Pay Scale with Present Basic	Date of joining	Permanent/ probation	Category (SC/ST/ OBC/ Others)
1.	Senior Scientist & Head	Dr. Ravi Shanker	Senior Scientist & Head	Horticulture	131400 – 217100 (171400)	18.08.10	Permanent	Other
2.	Subject Matter Specialist	Dr. Satish Kumar	Subject Matter Specialist	Animal Science	56100– 177500 (90000)	03.01.07	Permanent	Other
3.	Subject Matter Specialist	Dr. Surya Bhushan	Subject Matter Specialist	Plant Protection	56100– 177500 (90000)	09.05.07	Permanent	Other
4.	Subject Matter Specialist	Dr. H.K. Chaurasia	Subject Matter Specialist	Horticulture	56100– 177500 (87400)	01.01.09	Permanent	Other
5.	Subject Matter Specialist	Dr. Pragatika Mishra	Subject Matter Specialist	Home Science	56100– 177500 (73200)	21.12.15	Permanent	Other
6.	Subject Matter Specialist	Dr. Ritesh Dube	Subject Matter Specialist	Agriculture Extension	56100– 177500 (73200)	28.12.15	Permanent	Other
7.	Subject Matter Specialist	Vacant						
8.	Programme Assistant	Dr. A. P. Thakur	PA – Lab Technician	-	35400 – 112400 (56900)	21.05.08	Permanent	Other
9.	Computer Programmer	Vacant						
10.	Farm Manager	Mr. R.R.K. Singh	Farm Manager	-	35400 – 112400 (60400)	14.10.06	Permanent	Other
11.	Accountant / Superintendent	Vacant						
12.	Stenographer	Mr. Avnish Kumar Singh	Stenographer	-	25500 – 81100 (38600)	16.08.10	Permanent	Other
13.	Driver	Mr. Amar Sahni	Driver-cum-Mechanic	-	21700 – 69100 (37200)	14.10.06	Permanent	Other
14.	Driver	Mr. Raj Kumar Prajapati	Driver-cum-Mechanic	-	21700 – 69100 (37200)	30.10.06	Permanent	Other
15.	Supporting staff	Mrs. Jaymanti Hembram	Supporting staff	-	18000– 56900 (31500)	14.10.06	Permanent	Other
16.	Supporting staff	Mr. Rajesh Kumar	Supporting staff	-	18000– 56900 (31500)	27.09.06	Permanent	Other

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)	Name of infrastructure
1	Under Buildings	0.13	Administrative Building, Training Hostel, Staff Quarter
2.	Under Demonstration Units	0.047	Piggery Unit, Goatry Unit, Mushroom Unit, Duck Unit, Poultry Unit, Vermicompost Unit, IFS
3.	Under Crops	4.753	Cereals, Pulses, Oil Seeds
4.	Orchard	1.20	Mango, Guava, Lemon
5.	Agro-forestry	0.07	Sagwan, Sesum, Gamhar
6.	Others with details	3.80	Ponds, Road
	Total	10.00	

**Total area should be matched with breakup*

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Functional/ non-functional*	Source of funding
1.	Administrative Building								ICAR
2.	Farmers Hostel					✓			ICAR
3.	Staff Quarters (6)					✓			ICAR
4.	Piggery unit					✓			GVT
5	Fencing					✓			ICAR
6	Rain Water harvesting structure					✓			ICAR
7	Threshing floor					✓			ICAR
8	Farm godown					✓			ICAR
9.	Dairy unit					✓			ICAR
10.	Poultry unit					✓			ICAR
11.	Goatry unit					✓			ICAR
12.	Mushroom Lab					✓			
13.	Mushroom production unit					✓			
14.	Shade house					✓			
15.	Soil test Lab					✓			ICAR & State agriculture department
16	Others, Please Specify					✓			

*** 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
Jeep (Sumo Gold EX) – JH 01BG/0804	2013 – 14	800000	308220	Not in Good condition
Tractor	2005 – 06	500000	3305 Hours	Not in Good condition
Motor Cycle (Hero) – JH 17J - 1144	2015 – 16	60000	7637	Good condition
Motor Cycle (Hero) – JH – 17 J - 6128	2015 – 16	60000	43994	Good condition

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
UV VIS Digital Spectro Photometer No. 371	2010	89000.00	1	ICAR
Flame photometer with compressor with 4 filters (K, Na, Lithium & calcium)	2010	38000.00	1	ICAR
Deluxe PH Meter – 111	2010	11200.00	2	ICAR
Conducting bridge “E. I” make model 601	2010	6700.00	1	ICAR
Physical balance in case cap. 250 x 5 mg. Varanasi make	2010	22400.00	8	ICAR
Physical weight box	2010	300.00	1	ICAR
Analytical weight Box “A” grade	2010	3200.00	4	ICAR
Water distillation still electrical cap. 4 lit./hour	2010	35200.00	8	ICAR
Kjjeldahl digestion and distillation set of 6 heaters places	2010	57000.00	6	ICAR
Stirrer electrical “ Remi”	2010	30000.00	7	ICAR
Hot – Air oven	2010	9000.00	2	ICAR
Hot- plate size 12 x 10	2010	2050.00	1	ICAR
Grinder electrical	2010	20000.00	1	ICAR
Mortar & pestle 4 “ dia	2010	1600.00	20	ICAR
Auto clave – 50lit	2013	65200.00	1	ICAR
Binocular microscope	2013	146900.00	2	ICAR
Rotary glass shaker 36 x36	2013	77600.00	2	ICAR
Balance	2010	23800	9	ICAR
Spectrophotometer	2010	707332.00	1	BAU
Gen Set	2010	231669.00	1	BAU
Battery (Inverter)	2010	150877.00	15	BAU
Computer	2010	48450.00	1	ICAR
Digital Conductivity Meter	2010	719733.00	1	BAU
Digital Flam Photometer	2010		1	BAU
Digital PH Meter	2010		1	BAU
Double beam spectrometer UV570455	2010		1	BAU
Orbitel shaker	2010		1	BAU
Top leading balance	2010		1	BAU
Electronic balance	2010		1	BAU
Hot air oven (Universal)	2010		1	BAU
PC Data Station	2010		1	BAU
Centrifuge	2010		2	BAU
UV VIS Digital Spectro Photometer No. 371	2010	89000.00	1	ICAR
Flame photometer with compressor with 4 filters (K, Na, Lithium & calcium)	2010	38000.00	1	ICAR
Deluxe PH Meter – 111	2010	11200.00	2	ICAR

Conducting bridge “E. I” make model 601	2010	6700.00	1	ICAR
Air compressor				ICAR
Physical balance in case cap. 250 x 5 mg. Varanasi make	2010	22400.00	8	ICAR
Physical weight box	2010	300.00	1	ICAR
Analytical weight Box “A” grade	2010	3200.00	4	ICAR
Water distillation still electriaal cap. 4 lit./hour	2010	35200.00	8	ICAR
Kjjeldahl digestion and distillation set of 6 heaters places	2010	57000.00	6	ICAR
Stirrer electrical “ Remi”	2010	30000.00	7	ICAR
Hot – Air oven	2010	9000.00	2	ICAR
Hot- plate size 12 x 10	2010	2050.00	1	ICAR
Grinder electrical	2010	20000.00	1	ICAR
Morter & pestle 4 “ dia	2010	1600.00	20	ICAR
Auto clave – 50lit	2013	65200.00	1	ICAR
Binocular microscope	2013	146900.00	4	ICAR
Rotary glass shaker 36 x36	2013	77600.00	2	ICAR
Atomic Absorption Spectrometer AAS-4141	2010	1016113.65	1	BAU
Balance	2010	23800	9	ICAR
Spectrophotometer	2010	707332.00	1	BAU
b. Farm machinery				
Weighing machine	12.03.11	11500	01	ICAR
Pumpset 5 HP	2008	25500	01	ICAR
Pumpset 8 HP	2008	37500	01	ICAR
Kerosene Pump set 3.5 HP	2008	17750	01	GVT- KVK, Revolving
c. AV Aids				
Projector LCD	22.03.07	70,995.00	Good	ICAR
Photocopier Canon	22.03.07	82,500.00	Non functional	ICAR
Computer System	14.09.07	62,800.00	Good	ICAR
Computer + printer (1 set)	29.03.19	60,000	Good	DAMU Project
Projector (1 pc)	29.03.19	24,000	Good	ICAR
AC (5 pc)	29.03.19	2,30,000	Good	ICAR
Xerox Machine(1 pc)	29.03.19	60,000	Good	ICAR
Stabilizer(1 pc)	29.03.19	8,500	Good	ICAR
Ac – 2 (1 pc) + Distillation Unit	2019	3,50,000	Good	DAO, Godda
d. Others				
Book Case	20.10.06	3,400.00	Good	ICAR
Chair (CHR-4 without arm)	20.10.06	2,200.00	Good	ICAR
Chair (CHR-7 with arm)	20.10.06	4,664.00	Good	ICAR
Almirah Minor	20.10.06	3,455.00	Good	ICAR

White Board	13.03.07	2,194.00	Good	ICAR
Table (T-8)	20.10.06	7,556.00	Good	ICAR
Table (T-104)	20.10.06	3,667.00	Good	ICAR
Ceiling Fan 48”	19.03.07	3,225.00	Good	ICAR
Plastic Chair (Neelkamal)	19.03.07	2,880.00	Good	ICAR
Almirah (Godrej)	28.03.18	133474	Good	ICAR
Steel Rack	28.03.18	17796	Good	ICAR
Table (T-104)	28.03.18	22033	Good	ICAR
Chair (7-B)	28.03.18	21355	Good	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Paddy thresher	2007	3200.00	01	ICAR
Hand hoe	2009	3500.00	06	ICAR
Seed cum ferti drill	2010	33200.00	01	ICAR
Wheat thresher	2007	22000.00	01	GVT
Leveller	2007	12000.00	01	ICAR
Cultivator	2013	17500.00	02	ICAR
Disc harrow	2010	33500.00	01	ICAR
Seed bin	2009	11000.00	08	GVT
Cono weeder	2013		08	Soil conservation
Multicrop thresher	2013	152000.00	01	ICAR
MB Plough	2013	22500.00	01	ICAR
Rotavator	2013		01	Soil conservation
Laser land leveler	2013	399000.00	01	ICAR
Ridge maker (two bottom four row)	2013	16000.00	01	ICAR
Bund Maker	2013	12000.00	01	ICAR
Reaper	2013	67000.00	01	ICAR

2. Priority thrust areas of KVKs

S. No	Thrust area
1.	Sustainable crop production through adoption of water conservation, improved production technology, integrated farming system
2.	Promotion of quality seed production, planting material, green fodder, improved breed of livestock
3.	Empowerment of rural youth through formation of SHG/Farmers club/FPOs by adoption of agro based enterprises like vegetable cultivation, dairy,

	poultry, goatry, piggery, mushroom etc.
4.	Integrated pest and disease management
5.	Dairy, fisheries, livestock, feed and breed management
6.	Nutritional security and drudgery reduction
7.	Fruit and vegetable preservation and value addition
8.	Promotion of natural farming, millets and climate resilient crops
9.	Awareness programmes for promotion and adoption of different agricultural and allied schemes of government
10.	Promotion of nutri gardens, biofortified varieties
11.	Agro advisory services

2. a. District level data on agriculture, livestock and farming situation (2024)

Sl. No.	Items	Information
1	Major Farming system of the district	Farming system: ➢ Rice based farming system ➢ Livestock based farming system ➢ Agro- forestry based farming system Agro-horti based farming system ➢ Ole based multilayered vegetable cropping system Enterprises: ➢ Rice based enterprise such as rice mill, flakes & puffs rice units ➢ Fishery ➢ Bamboo crafts ➢ Sericulture ➢ Horticulture based nursery ➢ Goatry ➢ Dairy ➢ Poultry ➢ Piggery ➢ Value added products (pickles, millet based products etc.) ➢ Sanitizers ➢ Lemon oil extraction unit ➢ Duckery, Mushroom production, Vermicomposting
2	One district one product (NITI Ayog)	Mango
3	Agro-climatic Zone	Central North Eastern Plateau Zone Characteristics: Humid to sub-humid tropical monsoon type of climate, the average annual rainfall is 1094 mm. The physiography and soils are mainly lithologically controlled the lands slope towards North and South. The broad soil associations of this zone are: red-yellow-light catenary soil, reddish yellow and yellow greyish catenary soils. In general the soils are coarse to medium texture and strongly acidic to

		neutral.
4	Agro ecological situation	Rainfed upland, Rainfed midland, lowland Characteristics: Tand – I (Forest Land/ fallow/ undulated/ undulating topography) Tand – II (Partially cultivated, forest trees, undulating topography) Tand –III (Major cultivable land, short duration rice variety, horse gram, Ragi, Sesamum etc.) Done – I (Major rice growing land, vegetables & fruit orchard) Done – II (Long duration rice variety, zaid maize are the major crops grown) The natural vegetation of this agro ecological situation comprises of tropical dry and moist deciduous forests. Rainfed farming is a traditional practice followed by farmers of this AES.
5	Soil type	Sandy Loam to red laterite: 1. a) Characteristics of soil : ➢ Fine, mixed, hyperthermic Vertic Endoaqualfs ➢ Fine loamy, mixed, hyperthermic Typic Haplustepts b) Covered area (00'ha) : 291 c) % of TGA : 13.81 2. a) Characteristics of soil : ➢ Fine, mixed, hyperthermic Aeric Endoaquepts ➢ Fine silty, mixed, hyperthermic Typic Haplustepts b) Covered area (00'ha) : 51 c) % of TGA : 2.40 3. a) Characteristics of soil : ➢ Fine, mixed, hyperthermic Typic Haplustepts ➢ Fine loamy, mixed, hyperthermic Aeric Endoaquepts b) Covered area (00'ha) : 124 c) % of TGA : 5.86 4.a) Characteristics of soil : ➢ Fine-loamy, mixed, hyperthermic Typic Haplustepts ➢ Fine-loamy, mixed, hyperthermic Typic Haplustalfs b) covered area (00'ha) : 121 c) % of TGA : 5.75 5. a) Characteristics of soil : ➢ Fine-loamy, mixed, hyperthermic Typic Haplustepts ➢ Coarse loamy, mixed, hyperthermic Typic Ustorthents b) Covered area (00'ha) : 206 c) % of TGA : 9.76 6.a) Characteristics of soil : ➢ Fine loamy, mixed, hyperthermic Typic Paleustalfs ➢ Fine-loamy, mixed, hyperthermic Typic Rhodustalfs b) Covered area (00'ha) : 21

		c) % of TGA : 1.00 7.a) Characteristics of soil: ➢ Fine, mixed, hyperthermic Rhodic Paleustalfs ➢ Fine-loamy, mixed, hyperthermic Typic Haplustepts b) Covered area (00'ha) : 3 c) % of TGA : 0.14 8.a) Characteristics of soil: ➢ Coarse loamy, mixed, hyperthermic Typic Ustorthents ➢ Fine loamy, mixed, hyperthermic Typic Paleustalfs b) Covered area (00'ha) : 415 c) % of TGA : 19.68 9.a) Characteristics of soil: ➢ Fine, mixed, hyperthermic Typic Haplustalfs ➢ Fine loamy, mixed, hyperthermic Typic Haplustepts b) Covered area (00'ha) : 358 c) % of TGA : 16.97 10.a) Characteristics of soil: ➢ Fine loamy, mixed, hyperthermic Typic Paleustalfs ➢ Fine loamy, mixed, hyperthermic Typic Haplustepts b) Covered area (00'ha) : 468 c) % of TGA : 22.18 11.a) Characteristics of soil: ➢ Fine, mixed, hyperthermic Vertic Haplustepts ➢ Clayey-skeletal, mixed, hyperthermic Typic Haplustepts b) Covered area (00'ha) : 13 c) % of TGA : .0.60 11.a) Characteristics of soil : Miscellaneous b) Covered area (00'ha) : 39 c) % of TGA : 1.84

6	Productivity of major crops of districts	

S. No	Crop	Area (ha)	Production (q)	Productivity (q/ha)
Kharif				
1	Paddy	6180	259560	42.00
2	Maize	12323	231056	18.75
3	Arhar	7829	66547	8.50
4	Urd	2000	14000	7.0
5	Moong	999	7193	7.2
6	Kulthi	1165	5592	4.80
7	Ground nut	782	7038	9.0

		8	Niger	116	522	4.5
		9	Sunflower	106	530	5.0
		Rabi				
		10	Wheat	12540	308484	24.6
		11	Maize	835	22128	26.50
		12	Gram	8911	105150	11.80
		13	Lentil	3473	36467	10.50
		14	Pea	1866	29390	15.75
		15	Mustard	12595	110836	8.80
		16	Linseed	2080	12064	5.80

7 Mean yearly temperature, rainfall, humidity of the district

Month	Rainfall (mm)	Temperature $_0$C		RH (%)
		Max	Min	
January – 2024	0	22.3	7.5	75.2
February – 2024	10.5	29.6	11.2	63.3
March – 2024	0	35.0	17.3	48.6
April- 2024	0	36.3	21.1	53.4
May- 2024	34.7	35.5	22.4	70.6
June- 2024	13.1	37.0	25.2	72.1
July – 2024	320.0	36.7	24.7	73.7
August- 2024	221.2	35.0	25.1	76.4
Sept – 2024	337	34.6	25.5	79.5
Oct- 2024	53.1	34.7	19.4	73.2
Nov- 2024	0	31.5	14.8	64.8
Dec- 2024	0	25.8	8.8	67.9

8 Production of major livestock products like milk, egg, meat etc.

Category	Population (No.)	Production (litre)	Productivity
Crossbred (Cow)	15036	88787	5.905 litre
Indigenous (Cow)	742103	487561	0.657 litre
Buffalo	74773	132497	1.772 litre
Sheep			
Crossbred	--	--	--
Indigenous	4849	--	32/ sheep
Goats	255050	--	Milk - 46 lit/lactation meat - 28/ 90 days
Pigs		--	
Crossbred	1204	--	42 kg / year /pig

		Indigenous	35558	--	23 kg/ year/ pig
		Rabbits	82	--	800 gm/year
		Poultry			
		Hens			
		Desi	288521		
		Improved	59059		
		Ducks	--	--	--
		Turkey and others	--	--	--
		Fish			
		Marine	--	--	--
		Inland	--	10500 MT/ year	--
		Prawn	--	--	--
		Scampi	--	--	--
		Shrimp	--	--	--

Note: Please give recent data only

2.b. Details of operational area / villages (2024)

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.	Godda	Godda	Bara, Bakhadda, Barmasia, Danga, Nipania, Roldih, Gangtafasia, Punsia, Nunbata, nunmati, Belbathan, Ghatbanka, Markhan, saidapur, Bodwa, chewo, Sundermore,	Rice, pigeonpea, sesamum, wheat, maize, mustard, gram, lentil, vegetables (potato, tomato, brinjal, Elephant foot yam cucurbits, etc.), mango, jackfruit, Rice based enterprise such as rice mill, flakes & puffs rice units, Fishery, Bamboo crafts, Sericulture, Horticulture based nursery, Goatry, Dairy, Poultry, Piggery	Low yield of paddy, pigeonpea, sesamum, wheat, mustard, gram, lentil, maize, vegetables (potato, tomato, brinjal, cucurbits, etc.), Mango, jack fruit etc., due to lack of HYV, application of non recommended dose of fertilizer, micro nutrients and infestation of insect pest and diseases. Less profit from livestock due to local breed and improper management, mal nutrition in women and children and drudgery among farming communities.	Described in column 2.0
2.	Godda	Pathargamma	Bahorna, Barmasia, Boha, Chilra, Chilkara Govind, Gandharvpur, Ghutia, Kasiatari, Kolhuwa, Kumarshi, Rajaunkala, Rupuchak, Saraiya, Daharlangi, Maheshlitti, Lakadjorimal, Harkatta, Bisaha, Digghi, Kala Dumaria, Kamardiha, Kasiatari			
3.	Mahagama	Mahagama	Bishambharkitta, Hasankarhariya, Ghatgodia			
4.	Mahagama	Boarijore	Badadhanabindi, Beldiha, Fulwaria, Gadiyal, Kusma, Piyaram, Rajapokhar, Sabejore, Babupur,			

5.	Godda	Pauriahaat	Hariyari, Gadhi, Gouripur, Dropad, Beltuppa, Baghmara, Pindrahaat, Thakurnahan, Kairadih, Boha, Bargacha Hariyari, Sindbank, Amdakanouli, Amdakamat, Gunghasa, Baghmunda, Harla, Beltuppa, Fulbariya, Gangta Govindpur, Jitpur, Karikadar, Ambadiha			
6.	Godda	Sunderpahari	Mahuatand, Chota Haripur, Kairasol, Baradhamni, Bansjori, Ghatiyari			
7.	Godda	Basantrai	Jahajkitta, Maheshtikri, Chanaichak			
8.	Mahagama	Meharma	Balbadda, Simanpur			

2. c. Details of village adoption programme during 2024:

Name of the villages adopted by Sr. Scientist & Head and SMS (in year 2024) for its development and action plan

Name of village	Block	Action taken for development
Chilkara Govind	Pathargamma	Training, Swachhta Abhiyan, Soil testing campaign, Convergence with ATMA and other line departments, Loaning for goatry/dairy, Farmers' club, CFLD, Millets production.
Harkatta	Pathargamma	Training, Demonstration, Swachhta Abhiyan, NABARD sponsored demonstration, Vet camp, Soil testing campaign, Convergence with ATMA and other line departments, Loaning for goatry/dairy, Farmers' club.
Baghmara	Pauriahaat	Training, Convergence with ATMA, CFLD, Seed production, Equipment bank
Bansjori	Sunderpahari	Training, Technological backstopping, NABARD based WADI programme.
Kusma	Boarijore	Training, On farm trial, Demonstration, Swachhta Abhiyan, TSP sponsored programme, Convergence with ATMA/PRADAN.
Bara	Godda	Training, On farm trial, Demonstration, Swachhta Abhiyan, NABARD sponsored seed village, Soil testing campaign, Convergence with ATMA/DHO.
Maheshpur	Basantrai	Training, On farm trial, Demonstration, Swachhta Abhiyan, NABARD sponsored seed village, Soil testing campaign, Convergence with ATMA/DHO, Farmers' club.

3. TECHNICAL ACHIEVEMENTS

3.1. Summary details of target and achievement of mandatory activities by KVK during the year 2024

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
09	08	90	0	0	36	18	28	01	64	19	83	20	24	400	0	0	45	377	39	20	84	397	481

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
105	106	2625	234	321	398	1555	264	149	896	2025	2921	180	191	18000	2038	2495	2997	6995	8740	7152	13775	16642	30417

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
2921	2482	176	253	335	1482	207	29	718	1764	2482	30417	22800	1528	1871	2247	5239	6555	5360	10330	12470	22800

Seed production (q)			Planting material (in Lakh)		
Target (Crop and variety)	Achievement (q)	Sold (q)	Target (crop and variety)	Achievement	Sold (number)
Paddy (Sahbhagi/Sabour Deep)	100	100	Cauliflower (Empire)	14500	14500
Finger millet (BM – 3)	4.5	4.5	Cabbage (BC – 76)	20300	20300
Wheat (Sabour Nirjal)	42	42	Tomato (Swarna Prakash)	15700	15700
Mustard (BBM – 1/PM – 28/30	07	07	Brinjal (Swarna Pratibha/Swarna Shymali)	54500	54500
Linseed (ST – 1)	03	03	Chilli (Swarna Praffulya)	4700	4700
Niger (JAS – 28)	0.34	0.34	Onion (Arka Niketan)	35000	35000
Pigeonpea (IPA – 206)	1	1	Broccoli (Fantasy)	5200	5200
Cowpea (Swarna Mukut)	0.125	0.125	Capsicum (Swarna Atulya)	3200	3200

Brinjal (Swarna Pratibha)	0.79	0.79	Knolkhol (S – 70)	6650	6650
			Moringa (PKM – 1)	2460	2460
			Curry leaf	20	20
			Guava (L – 49, Allahabadi Safeda)	864	864
			Lime (Kagzi)	100	100
Total	158.755	158.755		163195	163195

Livestock strains (in no's) and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
800	745	0.02	0.02995

* Give no. only in case of fish fingerlings

3.2 ACHIEVEMENTS ON TECHNOLOGIES ASSESSED AND REFINED (OFT)

3.2.1 Technology Assessed by KVK (Discipline wise)

A	Technologies assessed under various crops (Cereal Crop Production)			
	Thematic areas	Number of the technologies (Technology Interventions)	No. of trials	No. of Locations
1	Integrated Nutrient Management			
2	Varietal Evaluation			
3	Integrated Pest Management	2	10	2
4	Integrated Crop Management			
5	Integrated Disease Management			
6	Small Scale Income Generation Enterprises			
7	Weed Management			
8	Resource Conservation Technology			
9	Farm Machineries			
10	Integrated Farming System			
11	Seed / Plant production			
12	Post Harvest Technology / Value addition			
13	Drudgery Reduction			
14	Storage Technique			
15	Others (Pl. specify)			

16	Cropping Systems			
17	Farm Mechanization			
18	Others			
	Total	2	10	2
B	Technologies assessed under various crops (Hort crops.)			
	Thematic areas	Number of the technologies (Technology Interventions)	No. of trials	No. of Locations
1	Integrated Nutrient Management			
2	Varietal Evaluation			
3	Integrated Pest Management	4	20	5
4	Integrated Crop Management			
5	Integrated Disease Management	2	10	2
6	Small Scale Income Generation Enterprises			
7	Weed Management			
8	Resource Conservation Technology			
9	Post-harvest Technology / Value addition			
10	Others if any specify			
	Total	6	30	7
C	Technologies assessed under livestock & Fisheries by KVKs			
	Thematic areas	No. of technologies (Technology Interventions)	No. of trials	No. of locations
1	Disease & Health Management	2	10	2
2	Breeding management/Evaluation of Breeds			
3	Feed and Fodder management	3	10	3
4	Nutrition Management			
5	Production and Management			
6	Processing and Value addition			
7	Fisheries management			
8	Others (waste, ITK etc.)			
	Total	5	20	5
D	Technologies assessed under miscellaneous			

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

3.2.2 OFT (All discipline)

OFT – 01 (Animal Science)

- Thematic area: Disease Management
- Problem definition/Name of OFT: New born piglet's damage sow's teat /Effect of tooth clipping of piglets upon sow's

1.	Title of On farm Trial (OFT)	Effect of tooth clipping of piglets upon sow's
2.	Problem diagnosed	New born piglet's damage sow's teat
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice (FP): Never clipping of piglet's teeth. TO I: Clipping of piglet's teeth within 12 hrs. of birth TO II: Clipping of piglet's teeth during the first week of life.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR- NRC on pig, Rani, Guwahati
5.	Production system and thematic area	Disease Management
6.	Performance of the Technology with performance indicators	Please see the result
7.	Final recommendation for micro level situation	Clipping of piglet's teeth within 12 hrs. of birth
8.	Constraints identified and feedback for research	Lack of knowledge
9.	Process of farmers participation and their reaction	PRA

B. Results with Table and good quality photographs in jpg.

Table 1.1: Effect of tooth clipping of piglets upon Sow's udder

Thematic area	Technology options with detailed treatments	Nos (in livestock)		Body Weight (Kg/pig)	Total Cost (Rs./animal)	Gross return (Rs./animal)	Net return (Rs./animal)	BC ratio
		Proposed	Actual					
Disease Management	Farmer practice: Never clipping of piglet's teeth	5	5	6.50	2000.00	2600.00	600.00	1.30:1
	Technology Option I: Clipping of piglet's teeth within 12 hrs. of birth	5	5	7.25	2020.00	2900.00	880.00	1.44:1
	Technology Option II: Clipping of piglet's teeth within the first week of birth	5	5	7.10	2020.00	2840.00	820.00	1.41:1

Table 1.2: Effect of tooth clipping of piglets upon Sow's udder

Technology option	Initial body wt. (kg)	Final body wt. (kg)	Body wt. gained (Kg)	Daily Body weight Gained (gm)	Incidence of udder injury	Mortality (%)
Farmer practice: Never clipping of piglet's teeth	1.05	6.50	5.45	181.66	0.30	15.00
Technology Option I: Clipping of piglet's teeth within 12 hrs. of birth	1.10	7.25	6.15	205.00	nil	0.00
Technology Option II: Clipping of piglet's teeth within the first week of birth	1.08	7.10	6.02	200.66	0.10	2.00
CD (5%)	NS	0.45	0.13	4.57		

Result: An OFT on the topic "Effect of tooth clipping of piglets upon sow's" was conducted during the year 2023-24 with 03 treatments and 10 replications. The data in the above table showed that all the three treatments differed significantly in effect of tooth clipping of piglets upon sow's. The control of sow's teat damage is more effective and economic with the Clipping of piglet's teeth within 12 hrs. of birth with a BC ratio of 1.44:1. In comparison to Farmers practice and clipping of piglet's teeth within the first week of birth.



OFT – 02 (Animal Science)

- Thematic area: Feed Management
- Problem definition/Name of OFT: Lack of quality green fodder round the year / Eeffect of feeding hydroponic green fodders on milk production in Dairy Animals

1.	Title of On farm Trial (OFT)	Effect of feeding hydroponic green fodders on milk production in Dairy Animals
2.	Problem diagnosed	Lack of quality green fodder round the year
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmer practice (FP): Straw+ maize throughout the year TO1: FP+ Hydroponic fodder of wheat

		TO2: FP+ Hydroponic fodder of Maize TO3: FP+ Hydroponic fodder of 50% maize +50% Wheat
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BAU, SABOUR.
5.	Production system and thematic area	Feed Management
6.	Performance of the Technology with performance indicators	Please see the result
7.	Final recommendation for micro level situation	FP + Hydroponic fodder of 50% Maize+ 50% Wheat for dairy animals
8.	Constraints identified and feedback for research	Lack of knowledge on hydroponic fodder production
9.	Process of farmers participation and their reaction	PRA

B. Results with Table and good quality photographs in jpg.

Table 1.1: Effect of feeding hydroponic green fodders on milk production in Dairy Animals

Thematic area	Technology options with detailed treatments	Nos (in livestock)		Yield (lit/Animal)	Cost of cultivation (Rs./Animal)	Gross return (Rs/Animal)	Net return (Rs./Animal)	BC ratio
		Proposed	Actual					
Feed Management	Farmer practice (FP): Straw+ maize throughout the year	5	5	8.0	17677.8	28800	11122.2	1.63:1
	TO1: FP+ Hydroponic fodder of wheat	5	5	8.6	18720.8	32040	13319.2	1.71:1
	TO2: FP+ Hydroponic fodder of Maize	5	5	8.8	17758.8	30960	13201.2	1.74:1
	TO3: FP+ Hydroponic fodder of 50% maize +50% Wheat	5	5	8.9	18165.6	31680	13514.4	1.74:1
				0.38				

Table 1.2: Effect of feeding hydroponic green fodders on milk production in Dairy Animals

Technology Option	Initial milk production (Liter)	Final milk production (Liter)	Change in milk production (Liter)	Cost of feeding (Rs. /animal/day)
Farmer practice: Straw + maize throughout the year	8.0	8.0	0	196.42
Technology Option I: FP + Hydroponic fodder of Wheat	8.2	8.6	0.4	219.12
Technology Option II: FP+ Hydroponic fodder of Maize	8.3	8.8	0.5	197.32
Technology Option III: FP+ Hydroponic fodder of 50% Maize+ 50% Wheat	8.25	8.9	0.65	201.84
SEM	0.14	0.8		6.42
CD (5%)	NS	0.38		10.28



Result:

The trial was conducted during the year 2023-24 on the topic "Effect of feeding hydroponic green fodders on milk production in Dairy Animals" with 12 farmers and 4 treatments. All the treatments differed significantly with respect to milk yield. The maximum net return (Rs. 13514.4/livestock) and BC ratio (1.74:1) was observed in case of FP+ Hydroponic fodder of 50% maize + 50% wheat.

OFT – 03 (Plant Protection)

- Thematic area: Integrated Pest Management
- Problem definition/Name of OFT: Heavy infestation of nematodes can lead to yield loss of over 30% in highly susceptible vegetable crops/ Management of nematode in brinjal

1.	Title of On farm Trial (OFT)	Management of nematode in brinjal
2.	Problem diagnosed	Heavy infestation of nematodes can lead to yield loss of over 30% in highly susceptible vegetable crops
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice (FP): No use of management practices TO – I: Soil solarization with polythene (40 µm) white sheet for two weeks followed by Soil treatment with Pseudomonas fluroescens @ 20 g m^{-2} + Trichoderma viridae @ 50 g m^{-2} followed by Seed treatment with Pseudomonas fluroescens @ 10 g/Kg + Trichoderma viridae @ 10 g /Kg TO – II: Application of carbofuran 3 G @ 3.6 g m^{-2}
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR – IARI, New Delhi
5.	Production system and thematic area	Vegetable based/ Integrated Pest Management
6.	Performance of the Technology with performance indicators	Please see the result
7.	Final recommendation for micro level situation	Soil solarization with polythene (40 µm) white sheet for two weeks followed by Soil treatment with *Pseudomonas fluroescens* @ 20 g m^{-2} + *Trichoderma viridae* @ 50 g m^{-2} followed by Seed treatment with Pseudomonas

		fluroescens @ 10 g/Kg + Trichoderma viridae @ 10 g/Kg should be done for the management of root knot nematode.
8.	Constraints identified and feedback for research	Soil testing facility for nematode species and count is not available.
9.	Process of farmers participation and their reaction	PRA

B. Results with Table and good quality photographs in jpg.

Table 1.1: Effect of management practices on the incidence of root knot nematode in brinjal

Thematic area	Technology options with detailed treatments	Area (ha in crop & Fodder)/ Nos (in livestock)		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Proposed	Actual					
Integrated Pest Management	Farmers Practice (FP): No use of management practices	0.05	0.05	146.3	75600	219450	143850	2.90:1
	TO – I: Soil solarization with polythene (40 µm) white sheet for two weeks followed by Soil treatment with Pseudomonas fluroescens @ 20 g m^{-2} + Trichoderma viridae @ 50 g m^{-2} followed by Seed treatment with Pseudomonas fluroescens @ 10 g/Kg + Trichoderma viridae @ 10 g /Kg	0.05	0.05	192.6	76500	288900	212400	3.77:1
	TO – II: Application of carbofuran 3 G @ 3.6 g m^{-2}	0.05	0.05	185.2	75800	277800	202000	3.66:1
	CD (P = 0.05)			31.25				

Table 1.2: Effect of management practices on the incidence of root knot nematode in brinjal

Technology options	Root length (cm)	Shoot length (cm)	Fresh Root weight (g)	Fresh Shoot weight (g)	RKN population (200 g soil)	
					Before treatment	After treatment
Farmers Practice (FP): No use of management practices	27.9	55.1	66.5	320.5	236.2	274.8

TO – I: Soil solarization with polythene (40 µm) white sheet for two weeks followed by Soil treatment with Pseudomonas fluroescens @ 20 g m^{-2} + Trichoderma viridae @ 50 g m^{-2} followed by Seed treatment with Pseudomonas fluroescens @ 10 g/Kg + Trichoderma viridae @ 10 g /Kg	31.4	65.5	77.7	361.2	236.2	23.4
TO – II: Application of carbofuran 3 G @ 3.6 g m^{-2}	30.8	63.9	75.8	356.4	236.2	91.4
CD (P = 0.05)	1.94	5.55	8.11	23.39	NS	10.95

Result: Minimum population of root knot nematode (23.4 in 200 g soil) was recorded in TO – I when soil was solarized with polythene (40 µm) white sheet for two weeks followed by Soil treatment with Pseudomonas fluroescens @ 20 g m^{-2} + Trichoderma viridae @ 50 g m^{-2} followed by Seed treatment with Pseudomonas fluroescens @ 10 g/Kg + Trichoderma viridae @ 10 g/Kg. Maximum root length (31.4 cm), shoot length (65.5 cm), fresh root weight (77.7 g), fresh shoot weight (361.2 g) and yield (192.6 2/ha) was also recorded in TO – I.




OFT – 04 (Plant Protection)

- Thematic area: Integrated Pest Management
- Problem definition/Name of OFT: Yield loss in paddy is up to 70% in severe infestation due to brown plant hopper (*Nilaparvata lugens*) / Management of brown plant hopper in paddy

1.	Title of On farm Trial (OFT)	Management of brown plant hopper in paddy
2.	Problem diagnosed	Yield loss in paddy is up to 70% in severe infestation due to brown plant hopper (*Nilaparvata lugens*)

3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers' practice: Imidacloprid 17.8 SL (100 ml/ha) TO – I: 1st Application with Azadirachtin (1500 ppm, 2.5 ml/lit) followed by 2nd application with Thiamethoxam 25 WG, (100 g/ha) at an interval of 10 days TO – II: 1st and 2nd application with Buprofezin 25 EC (800 ml/ha) at an interval of 10 days (1st spray was done at ETL 5 – 10 insects/hill)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	DPPQS, Faridabad
5.	Production system and thematic area	Paddy based/ Integrated Pest Management
6.	Performance of the Technology with performance indicators	Please see the result
7.	Final recommendation for micro level situation	Farmers should apply 1st and 2nd application with Buprofezin 25 EC (800 ml/ha) at an interval of 10 days for the management of BPH in paddy. The 1st spray should be done when the population reached 5 – 10 insects/hill.
8.	Constraints identified and feedback for research	Lack of awareness
9.	Process of farmers participation and their reaction	PRA

B. Results with Table and good quality photographs in jpg.

Table 1.1: Efficacy of insecticides on the population of BPH in paddy

Thematic area	Technology options with detailed treatments	Area (ha in crop & Fodder)/ Nos (in livestock)		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Proposed	Actual					
Integrated Pest Management	Farmers' practice: Imidacloprid 17.8 SL (100 ml/ha)	0.05	0.05	30.4	34040	51680	17640	1.52:1
	TO – I: 1st Application with Azadirachtin (1500 ppm, 2.5 ml/lit) followed by 2nd application with Thiamethoxam 25 WG, (100 g/ha) at an interval of 10 days	0.05	0.05	34.8	34680	59160	24480	1.71:1
	TO – II: 1st and 2nd application with Buprofezin 25 EC (800 ml/ha) at an interval of 10 days	0.05	0.05	37.6	36320	63920	27600	1.76:1
	CD (P = 0.05)			3.04				

Table 1.2: Efficacy of insecticides on the population of BPH in paddy

Technology options	Pre treatment count	No. of insects/hill (Average of 5 hills)				Average
		1st Spray		2nd Spray		
		4 DAS	7 DAS	4 DAS	7 DAS	
Farmers' practice: Imidacloprid 17.8 SL (100 ml/ha)	10.04	8.60	9.04	11.9	12.6	10.54
TO – I: 1st Application with Azadirachtin (1500 ppm, 2.5 ml/lit) followed by 2nd application with Thiamethoxam 25 WG, (100 g/ha) at an interval of 10 days	9.90	7.00	7.24	6.00	4.80	6.26
TO – II: 1st and 2nd application with Buprofezin 25 EC (800 ml/ha) at an interval of 10 days	10.02	5.70	5.60	4.10	3.40	4.70
CD (P = 0.05)	NS	2.21	2.39	2.49	2.60	2.42

Result: An OFT entitled, "Management of BPH in paddy" was carried out during the *Kharif* season of the year 2024. The minimum no. of BPH/hill (4.70) was found in the TO – II (1st and 2nd application with Buprofezin 25 EC, 800 ml/ha at an interval of 10 days) which was found to be at par with the TO – I (1st Application with Azadirachtin 1500 ppm, 2.5 ml/lit followed by 2nd application with Thiamethoxam 25 WG, 100 g/ha at an interval of 10 days). Maximum yield (37.6 q/ha) and BC ratio (1.76:1) was also recorded in the plot where 1st and 2nd application were sprayed with Buprofezin 25 EC, 800 ml/ha at an interval of 10 days.



OFT – 05 (Plant Protection)

- Thematic area: Integrated Pest Management
- Problem definition/Name of OFT: Shoot and fruit borer is the major insect pests and is responsible for 30 – 50% yield loss in brinjal/ Management of brinjal shoot and fruit borer (*Leucinodes orbonalis*)

1.	Title of On farm Trial (OFT)	Management of brinjal shoot and fruit borer (*Leucinodes orbonalis*)
2.	Problem diagnosed	Shoot and fruit borer is the major insect pests and is responsible for 30 – 50% yield loss in brinjal
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers' practice: Emamectin benzoate 5 SG, 200 g/ha, Lambda cyhalothrin 5 EC, 300 ml/ha TO – I: Clipping of infested shoot at weekly interval after the incidence of damage symptoms, 1st spraying with Lambda cyhalothrin 5 SC (300 ml/ha) followed by 2nd and 3rd spraying with Emamectin benzoate 5 SG (200 g/lit), respectively at 15 days interval

		TO – II: Clipping of infested shoot at weekly interval after the incidence of damage symptoms, 1st spraying with NSKE 5% at 5% damage followed by 2nd and 3rd spraying with Spinosad 45 SC (180 ml/ha) and Flubendiamide 39.35 SC (150 ml/ha), respectively at 15 days interval
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	DPPQS, Faridabad
5.	Production system and thematic area	Vegetable based/ Integrated Pest Management
6.	Performance of the Technology with performance indicators	Trial is under progress
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	Lack of awareness
9.	Process of farmers participation and their reaction	PRA

B. Results with Table and good quality photographs in jpg.

Table 1.1: Effect of management practices on the incidence of brinjal shoot and fruit borer

Thematic area	Technology options with detailed treatments	Area (ha in crop & Fodder)/ Nos (in livestock)		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Proposed	Actual					
Integrated Pest Management	Farmers' practice: Emamectin benzoate 5 SG, 200 g/ha, Lambda cyhalothrin 5 EC, 300 ml/ha	0.05	0.05					
	TO – I: Clipping of infested shoot at weekly interval after the incidence of damage symptoms, 1st spraying with Lambda cyhalothrin 5 SC (300 ml/ha) followed by 2nd and 3rd spraying with and Emamectin benzoate 5 SG (200 g/lit), respectively at 15 days interval	0.05	0.05		Trial is under progress			
	TO – II: Clipping of infested shoot at weekly interval after the incidence of damage symptoms, 1st spraying with NSKE 5% at 5% damage followed by 2nd and 3rd spraying with Spinosad 45 SC (180 ml/ha) and Flubendiamide 39.35 SC (150 ml/ha), respectively at 15 days interval	0.05	0.05					
	CD (P = 0.05)							

OFT – 06 (Horticulture)

- Thematic area: Integrated Disease Management
- Problem definition/Name of OFT: Yield loss in brinjal due to wilting/ Assessment of microbial consortia against wilting in brinjal

1.	Title of On farm Trial (OFT)	Assessment of microbial consortia against wilting in brinjal
2.	Problem diagnosed	Yield loss in brinjal due to wilting
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Chemical pesticides TO-I: (IIHR Consortia) TO-II (NRC *Trichoderma)*
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	
5.	Production system and thematic area	Vegetable based/ Integrated Disease Management
6.	Performance of the Technology with performance indicators	Please see the result
7.	Final recommendation for micro level situation	Farmers should apply either NRC *Trichoderma or* IIHR Consortia @ 5 Kg/acre with 500 Kg FYM to manage the wilt disease in brinjal.
8.	Constraints identified and feedback for research	Lack of awareness
9.	Process of farmers participation and their reaction	PRA

B. Results with Table and good quality photographs in jpg.

Table 1.1: Effect of management practices on the incidence of brinjal shoot and fruit borer

Thematic area	Technology options with detailed treatments	Area (ha in crop & Fodder)/ Nos (in livestock)		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Proposed	Actual					
Integrated Disease Management	FP: Chemical pesticides	0.05	0.05	106.7	93600	160050	66450	1.71:1
	TO-I: (IIHR Consortia)	0.05	0.05	170.8	97500	256200	158700	2.62:1
	TO-II (NRC *Trichoderma)*	0.05	0.05	174.6	96900	261900	165000	2.70:1
	CD (P = 0.05)			8.63				

Table 1.2: Effect of consortia on the wilt incidence in brinjal

Technology options	Initial plant population	Days to 1st wilt incidence	Wilting (%) at DAT					
			15	30	45	60	75	Avg
FP: Chemical pesticides	1100	10	10.0 (18.4)	26.4 (30.6)	30.2 (33.2)	38.2 (38.0)	54.5 (47.9)	31.86 (33.62)
TO-I: (IIHR Consortia)	1100	10	9.7 (18.4)	17.4 (24.3)	20.6 (27.3)	25.4 (30.0)	27.7 (31.9)	20.16 (26.38)
TO-II (NRC *Trichoderma)*	1100	10	9.6 (18.4)	16.5 (24.3)	19.3 (25.8)	24.8 (30.0)	26.4 (30.6)	19.32 (25.82)
CD (P = 0.05)			NS	2.56	3.02	4.36	2.05	2.99

Result: Minimum wilt incidence was recorded in the plot where NRC Trichoderma @ 5 Kg/acre with 500 Kg FYM was applied to manage the wilt disease in brinjal although it was found to be at par with IIHR Consortia.

OFT – 07 (Home Science)

- Thematic area: Nutritional Security
- Problem definition/Name of OFT: Lack of dietary knowledge which leads poor choice of food leads to poor health of children/ Impact of ready to use infant food on anthropometric parameters of malnourished children (6 months to 2 years).

1.	Title of On farm Trial (OFT)	Impact of ready to use infant food on anthropometric parameters of malnourished children (6 months to 2 years)
2.	Problem diagnosed	Lack of dietary knowledge which leads poor choice of food leads to poor health of children
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers practice (FP): Normal homemade food (The children are not being provided nutrient rich food. No ready to eat food is being practiced by majority of the children) TO - I: Standard ingredients: Ragi (85:15). TO – II: Standard Ingredients: Wheat (85:15). (Standard Ingredients: The ready to use infant food mixes were developed by using different cereals/millets. For this, a standard combination of peanut: sugar: milk powder and ghee had been made in the ratio of 2:3:2.5:1. The food mixes from cereals /millets had been developed by taking the standard combination and processed cereals /millets powder in the ratio of 85:15)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	DRPCAU, Pusa, Samastipur
5.	Production system and thematic area	Nutritional Security
6.	Performance of the Technology with performance	Please see the result.

	indicators	
7.	Final recommendation for micro level situation	The farm women should give Standard ingredients: Ragi (85:15) to their infants for a better health.
8.	Constraints identified and feedback for research	Farm women are not aware about nutritional requirement, healthy diet, and importance of nutrition for children
9.	Process of farmers participation and their reaction	PRA

B. Results with Table and good quality photographs in jpg.

Table 1.1: Impact of ready to use infant food on anthropometric parameters of malnourished children (6 months to 2 years)

Thematic area	Technology options with detailed treatments	Area (ha in crop & Fodder)/ Nos (in livestock)		Organoleptic properties				Nutritional Content (Per 100 g)			
		Proposed	Actual	Taste	Sight	Odour	texture	Carbohydrate (g)	Protein (g)	Fat (g)	Fiber (g)
Nutritional Security	Farmers practice (FP): Normal homemade food (The children are not being provided nutrient rich food. No ready to eat food is being practiced by majority of the children)	10	10	Good (60%)	Average (100%)	Average (90%)	Soft (90%)	-	-	-	-
	TO - I: Standard ingredients: Ragi (85:15).	10	10	Very Good (90%)	Good (80%)	Very Good (100%)	Soft (100%)	55.46	12.86	24.73	1.16
	TO – II: Standard Ingredients: Wheat (85:15). (Standard Ingredients: The ready to use infant food mixes were developed by using different cereals/millets. For this, a standard combination of peanut: sugar: milk powder and ghee had been made in the ratio of 2:3:2.5:1. The food mixes from cereals /millets had been developed by taking the standard combination and processed cereals /millets powder in the ratio of 85:15)	10	10	Very Good (70%)	Very Good (100%)	Good (90%)	Soft (80%)	55.07	13.56	24.89	0.905

Table 1.2: Impact of ready to use infant food on anthropometric parameters of malnourished children (6 months to 2 years) (Anthropometric measurements)

Technology option	No. of trials		Anthropometric measurements						As per ICMR Norms*	
		Age	Initial Wt. (Kg) (Av.)	Wt. after 3 months (Av.)	% increased (Av.)	Initial Ht (cm) (Av.)	Ht. after 3 months (cm) (Av.)	% increased (Av.)	Weight (kg) (Av.)	Height (cm) (Av.)
Farmers practice (FP): Normal homemade food (The children are not being provided nutrient rich food. No ready to eat food is being practiced by majority of the children)	10	6 months to 2 yemuars	10.05	10.75	6.96	78.2	78.9	0.89	12.36	85.53
TO - I: Standard ingredients: Ragi (85:15).			9.25	10.35	11.89	74.8	75.9	1.47		
TO – II: Standard Ingredients: Wheat (85:15). (Standard Ingredients: The ready to use infant food mixes were developed by using different cereals/millets. For this, a standard combination of peanut: sugar: milk powder and ghee had been made in the ratio of 2:3:2.5:1. The food mixes from cereals /millets had been developed by taking the standard combination and processed cereals /millets powder in the ratio of 85:15)			9.37	10.25	9.39	74.5	75.4	1.20		

Results: On farm trial on the topic “Impact of ready to use infant food on anthropometric parameters of malnourished children (6 months to 2 years)” was conducted during the year 2023-24 with 03 treatments and 10 replications. All the treatments are nutritive and easily acceptable in comparison to farmers practice. Among the options tested, Standard ingredients (peanut: sugar: milk powder and ghee had been made in the ratio of 2:3:2.5:1): Ragi (85:15) is more nutritive and acceptable by the children because of its organoleptic and Anthropometric properties.

OFT – 08 (Home Science)

- Thematic area: Value addition
- Problem definition/Name of OFT: Distress sale due to surplus production during peak time / Assessment of different methods for preservation of Tomato.

1.	Title of On farm Trial (OFT)	Assessment of different methods for preservation of Tomato
2.	Problem diagnosed	Distress sale due to surplus production during peak time
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers' practice (no standard proportion) TO - I: Tomato (1kg) + Salt (12%) + Vinegar (20%) + Mustard oil (10%) + Spices (150g) TO - II: Tomato (1kg) +Salt (12%) + Tamarind (20%) + Mustard oil (10%) + Spices (150g)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	DRPCAU, Pusa, Samastipur
5.	Production system and thematic area	Value addition
6.	Performance of the Technology with performance indicators	Please see the result.
7.	Final recommendation for micro level situation	The farm women should preserve the tomato (1kg) with Salt (12%) + Vinegar (20%) + Mustard oil (10%) + Spices (150g)
8.	Constraints identified and feedback for research	Farm women are not aware about nutritional requirement, healthy diet and importance of nutrition for children
9.	Process of farmers participation and their reaction	PRA

B. Results with Table and good quality photographs in jpg.

Table 1.1: Impact of different method for preservation of Tomato

Thematic area	Technology options with detailed treatments	No. of trials		Cost of Preparation (Rs/500 g)	Gross return (Rs/500 g)	Net return (Rs/500 g)	BC ratio
		Proposed	Actual				
Value addition	Farmers' practice: (no standard proportion)	10	10	30	Not Marketable		
	TO - I: Tomato (1kg) + Salt (12%) + Vinegar (20%) + Mustard oil (10%) + Spices (150g)	10	10	33	50	17	1.51:1
	TO - II: Tomato (1kg) +Salt (12%) + Tamarind (20%) + Mustard oil (10%) + Spices (150g)	10	10	36	50	14	1.38:1

Table 1.2: Impact of different method for preservation of Tomato

Technology option	No. of trials	Preservation component				
		Shelf life (days)	Colour	Texture	Taste	Preparation time (days)
Farmers' practice: (no standard proportion)	10	110	Dull	Semi Soft	Average	20
TO - I: Tomato (1kg) + Salt (12%) + Vinegar (20%) + Mustard oil (10%) + Spices (150g)		150	Very Good	Soft	Very Good	1
TO - II: Tomato (1kg) +Salt (12%) + Tamarind (20%) + Mustard oil (10%) + Spices (150g)		120	Good	Soft	Good	1

Result: On farm trial on the topic "Assessment of different methods for preservation of Tomato" was conducted during the year 2023 with 03 treatments and 10 replications. All the treatments gave soft texture in comparison to farmers practice. Among the options tested, Maximum Shelf Life, very good colour, texture, taste and maximum gross return (Rs. 50/ 500g) with a B: C ratio (1.51:1) was observed when Tomato (1kg) was preserved with Salt (12%) + Vinegar (20%) + Mustard oil (10%) + Spices (150g).

3.3 ACHIEVEMENTS OF FRONTLINE DEMONSTRATIONS (FLD)

A. Overall achievements of FLDs conducted during the year 2024

S.No	Crop category	No. of FLD	Area (ha)	No of beneficiaries	Yield in Demo (q/ha)	Yield in check (q/ha)
1.	Cereals					
i)	FAW management in maize (Emmamectin benzoate 5 SG and Thiomethoxam 12.6% + Lambda cyhalothrin 9.5%)	13	2.5	13	35	28.7
ii)	Paddy (Sahbhagi)	125	25	125	33.6	27.6
iii)	Paddy (Sabour Deep))	125	25	125	37.2	33.4
iv)	Finger millet (BM – 3)	25	10	25	11.8	--
v)	Wheat (Sabour Nirjal)	30	12	30	Standing	Standing
2.	Oil Seed	0	0	0	0	0
3.	Pulses (Pod borer management in pigeonpea (Neem based pesticides 1500 ppm and Lambdacyhalothrin 5 EC)	20	2	20	11.3	9.4
4.	Horticulture Crops					
	Brinjal (*Trichoderma*)	25	5	25	190	149
	Mango (Paclobutrazol)	10	0.6	10	88.50	64.92
	Sprouting Broccoli (Mali – 303)	10	0.4	10	136.8	--
	Garden Beet (Ruby Queen)	10	0.4	10	224.2	--
	Cowpea (Swarna Mukut)	10	0.5	10	175.3	152.4
	Capsicum (California Wonder)	10	0.4	10	164.4	--
	Brinjal (*Trichoderma*)	25	5	25	Standing	
	Mango (Paclobutrazol)	10	0.6	10	Standing	
	Garden Beet (Ruby Queen)	10	0.4	10	Standing	
	Sprouting Broccoli (Green Star)	41	0.46	41	Standing	
	Brinjal (Swarna Pratibha)	30	0.30	30	Standing	
	Tomato (Swarna Prakash)	30	0.15	30	Standing	
	Cabbage (BC – 70)	30	0.15	30	Standing	
	Cauliflower (Empire)	30	0.15	30	Standing	
	Knolkhol (S – 70)	32	0.06	32	Standing	
5.	Other crops	0	0	0	0	0
6.	Hybrid crop	0	0	0	0	0
7.	Livestock					

i)	Cow (Feed management)	25	25	25	950 litre	800 litre
ii)	Buffalo (Feed management)	40	40	40	1540 litre	1400 litre
iii)	Piggery (Jharsuk)	10	10	10	84.5 Kg	52 Kg
iv)	Piggery (Jharsuk)	30	10	10	Under Observation	
5.	Fisheries	0	0	0	0	0
6.	Other enterprises (Oyster Mushroom)	40	400	40	0.750 g/bag	--
7.	Women empowerment					
i)	Nutri garden	40	2	40	Under Observation	
ii)	Multi grain Ladoo	10	10	10	Under Observation	
8.	Farm Machinery	0	0	0	0	0
	Grand Total	846	588.07	826		

B. Details of FLDs conducted during the year 2024

1. Cereals

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
2024															
Maize	Integrated pest management	Emmamectin benzoate 5 SG and Thiomethoxam 12.6% + Lambda cyhalothrin 9.5%	13	2.5	35	28.7	21.95	29625	52500	22875	1.77:1	29185	43050	13865	1.48:1
Paddy	Seed production	Sahbhagi	125	25	33.6	27.6	21.74	43200	67200	24000	1.56:1	41300	55200	13900	1.34:1
Paddy	Seed production	Sabour Deep	125	25	37.2	33.4	11.30	43200	74400	31200	1.72:1	41300	66800	25500	1.61:1
Finger millet	Seed production	BM - 3	25	10	11.8	--	--	26600	35400	8800	1.33:1	--	--	--	--
Wheat	Seed production	Sabour Nirjal	30	12	Crop is Standing										
Total			318	74.5											

2. Oilseeds: NA

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

3. Pulses

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Pigeonpea 2023 - 24	Integrated pest management	Pesticide (Neem based pesticides 1500 ppm and Lambdacyhalothrin 5 EC)	10	1	11.3	9.4	20.21	28239	56500	28261	2.00	27364	47000	19636	1.72
Pigeonpea 2024 - 25	Integrated pest management	Pesticide (Neem based pesticides 1500 ppm and Lambdacyhalothrin 5 EC)	20	2											
	Total														

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

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

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
2023 - 24															
Brinjal	Integrated disease management	*Trichoderma viridae*	25	5	190	149	27.52	77600	266000	188400	3.43:1	75600	208600	133000	2.76:1
Mango	PGR Application	Paclobutrazol	10	0.6	88.50	64.92	36.32	61000	177000	116000	2.90:1	53000	129840	76840	2.45:1
Sprouting Broccoli	Vegetable production	Mali-303	10	0.4	136.8	--	--	82900	218880	135980	2.64:1	--	--	--	--
Garden Beet	Vegetable production	Rubi Queen	10	0.4	224.2	--	--	106700	269040	162340	2.52:1	--	--	--	--
Cowpea	Vegetable production	Swarn Mukut	10	0.5	175.3	152.4	15.01	99200	262950	163750	2.65:1	92100	228600	136500	2.48:1
2024 - 25															
Capsicum	Vegetable production	California Wonder	10	0.4	164.4	--	--	140900	493200	352300	3.50:1	--	--	--	--
Brinjal	Integrated disease management	*Trichoderma viridae*	25	5	Standing										
Mango	PGR Application	Paclobutrazol	10	0.6	Standing										
Garden Beet	Vegetable production	Ruby Queen	10	0.4	Standing										
Sprouting Broccoli	Vegetable production	Green Star	10	0.4	Standing										
Brinjal	Vegetable production	Swarn Prativa /Swarn Shyamali	30	0.30	Standing										
Tomato	Vegetable production	Swarn Prakash	30	0.15	Standing										

Cabbage	Vegetable production	BC-76	30	0.15	Standing										
Cauli Flower	Vegetable production	Empire	30	0.15	Standing										
Broccoli	Vegetable production	Fantasy	31	0.06	Standing										
Knolkhol	Vegetable production	S-70	32	0.06	Standing										
	Total		313	14.57											

*** 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**

5. Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
		Total															

6. Demonstration details on crop hybrid varieties: NA

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										
Sorghum										

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
Wheat										
Others (Pl. specify)										
Total Cereals										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (Pl. specify)										
Total Oilseeds										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (Pl. specify)										
Total Pulses										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato										
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (Pl. specify)										
Total Veg. Crops										
Commercial Crops										
Cotton										

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
Coconut										
Others (Pl. specify)										
Total Commercial Crops										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (Pl. specify)										
Total Fodder Crops										

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

** BCR= GROSS RETURN/GROSS COST

7. Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																	
Cow	Feed management	Subabool (K – 8)	25	10 plants	950 liters	800 liters	18.75	Green forage availability (3 kg/day)	Green forage availability (2 kg/day)	12600	33250	20650	2.64:1	12100	28000	15900	2.31:1
Buffalo	Feed management	Napier (IGFRI-6)	40	50 slips	1540 litre	1400 litre	10.00	Green forage availability (5 kg/day)	Green forage availability (3 kg/day)	20000	53900	33900	2.69:1	19400	49000	29600	2.52:1
Poultry	Breed improvement	Sonali	50	50	180 eggs	60 eggs	200.00			780	1560	780	2.00:1	415	720	305	1.73:1
Rabbitry																	
2023-24																	
Piggery	Breed improvement	Jharsuk	10	10	84.5 Kg	52 Kg	62.5	--	--	6500	16900	10400	2.60:1	5850	10400	4550	1.78:1
2024-25																	
Piggery	Breed improvement	Jharsuk	10	30	Continue												
Sheep and goat	Feed management	UMMB															
Duckery	Breed improvement	Khaki Campbell	60	50	210 eggs	120 eggs	75.00			792	1470	678	1.86	780	1140	360	1.46:1
Others (Cattle)	Feed management	UMMB	20	250	8.8 lit	8.0 lit	10.00	PICA incidence occurred 5%	PICA incidence occurred 50%	54870	98560	43690	1.80	54570	89600	35030	1.64:1
Total			215														

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

**** BCR= GROSS RETURN/GROSS COST**

8. Fisheries

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

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

** BCR= GROSS RETURN/GROSS COST

9. Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration Ration (Yield q)	Check		Demonstration ration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	Enterprise development	40	40	3.00	--	--	0.750 g/bag	--	9200	45000	35800	4.89:1	--	--	--	--
Button mushroom																
Vermicompost	Jai gopal	20	20	**Compost produced (kg/600kg cow dung)** 135 kg/600kg cow dung	225	1.67	3 cycle/year	1 cycle/year	2000	3375	1375	1.69:1	1200	1620	420	1.35:1

Sericulture																
Apiculture																
Others (pl.specify)																
Total		40	40													

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

** BCR= GROSS RETURN/GROSS COST

10. Women empowerment

Name of technology	No. of demonstrations	Name of technology	Observations		No. of Beneficiaries
			Check	Demonstration	
Women					
Drudgery Reduction					
Enterprises					
Farming System					
Health and nutrition					
Kitchen Garden					
Nutrigarden	20 20	Nutritional garden (Kharif) Nutritional garden (Rabi)	Irregular basis	Availability of veg. in terms of nutrition (day) on regular basis. Less dependency on market, monetary benefits.	20 20
Storage Technique					
Value addition					
Women Empowerment					
Others					
Total - Women	40				40
Children					
Health and nutrition	10	Multi nutrition food (Rice parboiled (50%), Moong dal (40%), groundnut (10%), sugar (to taste).		The food is easily accepted by the children because of its very good taste, colour and smell.	10
Others					

Total - Children	10				10
Other if any					
Total others					
Grand Total	50				50

11. Farm implements and machinery: NA

Category	No. of FLDs	Name of the implement	Crop	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)	Cost reduction (Rs./ha or Rs./Unit)
						Demonstration	Check			
Sowing and planting tools and machineries										
Total Sowing and planting Machineries										
Intercultural operation tools and machineries										
Irrigation management tools and machineries										
Plant protection tools and machineries										
Harvesting tools and machineries										
Postharvest processing tools and machineries										
Total mechanization tools and machineries										
Others										

Total of Others										

* 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

Extension and Training activities under FLD

Sl.No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	27.02.2024, 02.03.2024, 30.01.2024, 05.03.2024, 10.03.2024, 04.03.2024, 06.03.2024, 28.10.2024, 30.10.2024, 18.11.2024, 20.11.2024, 20.11.2024,	12	364	
2.	Farmers Training	10.07.2024, 13.07.2024, 16.08.2024, 19.08.2024, 14.08.2024, 10.11.2024, 15.11.2024, 16.11.2024, 18.11.2024	9	232	
3.	Media coverage	17.02.2024, 14.07.2024, 29.10.2024, 21.11.2024	4		
4	Training for extension functionaries	29.01.2024, 20.03.2024, 23.03.2024, 24.07.2024, 24.07.2024, 31.08.2024, 30.09.2024,	8	200	

Technical Feedback on the demonstrated technologies (if any)

Sl. No	Crop	Feed Back
1.	Paddy (Sahbhagi)	Yield potential is 35 – 40 q/ha, short duration, drought tolerant variety. Suitable for up land and mid land.
2.	Paddy (Sabour Deep)	Yield potential 40 - 45 q/ ha, Suitable for upland and medium land and performed well under less water.
3.	Pigeonpea (IPA - 203)	Resistant to wilt & sterility mosaic disease
4.	Finger Millet (A-404)	Yield is more. Suitable for upland under drought condition
5.	Niger (Birsa Niger-1)	High yield and oil content
6.	Mustard (BBM - 1)	Found suitable under late condition
7.	Linseed (Sabour Tisi-1)	Found suitable for utera cultivation. Yield is more.
8.	Lentil (IPL-316)	Yield potential is 18 – 20 q/ha. Resistant to wilt & Rust
9.	Biopesticides (Trichoderma, Neem based pesticide)	Effective but not easily available

10.	Pig (Jharsuk)	More body weight in comparison to local ones.
11.	Capsicum (California Wonder)	Maturity 80 days from transplanting. Fruit weight 100-120 gram, Yield potential 6.0 ton per acre. Deep green coloured fruits turning red at full maturity.
12.	Mango (Paclobutrazol)	It induces flowering.
13.	Garden beet (Ruby Queen)	The Ruby Queen is an excellent canning and fresh eating beet. An early maturing beet.
14.	Sprouting Broccoli (Mali-303/Green Star))	The yield was satisfactory and liking by consumer is increasing day by day.
15.	Seasonal vegetables (Nutritional garden -Kharif/Rabi)	Ensured healthy food and balance nutrition, save money, suitable means of improving nutritional status of low income rural families.
16.	Weaning Food (high nutrient efficiency diet)	Encourage independent eating sooner. Beneficial for reducing nutritional insecurity
17.	Napier (IGFRI-6)	Vigorous and tall growing, succulent leaves, suitable for fresh fodder and dry matter production.
18.	Subabool (K-8)	A multipurpose leguminous tree is one of the most suitable species for silvi pasture system. Its seeds, a good protein source to livestock, also have lot of industrial application.
19.	Emmamectin benzoate 5 SG and Thiomethoxam 12.6% + Lambda cyhalothrin 9.5%	Found effective for the management of FAW in maize
20.	Wheat (Sabour Nirjal)	Perform well under less irrigation
21.	Pesticide (Neem based pesticides 1500 ppm and Lambdacyhalothrin 5 EC	1st spray at 50% flowering with neem based pesticides 1500 ppm and 2nd spraying with Lambdacyhalothrin 5 EC at 75% pod formation stage was found effective against pod borer complex in pigeonpea
22.	Cowpea (Swarn Mukut)	Found suitable
23.	Brinjal (Swarn Pratibha/Swarn Shyamli)	Wilt incidence was found less.
24.	Tomato (Swarn Prakash)	Yield is more and performed well against wilt disease.
25.	Oyster mushroom	Liking by farmers is satisfactory

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

1. Technical Parameters:

S. No.	Crop season	Name of crop demonstrated	Area (ha)	Number of farmers	Detail of technology demonstrated	Detail of existing farmer practice	Yield (q/ha) in farmer field	Yield obtained in demonstration (q/ha)			Yield gap (Kg/ha) w.r.to			Yield gap minimized (%)		
								Max.	Min.	Av.	District yield (D)	State yield (S)	Potential yield (P)	D	S	P
2023 - 24																
	Pulses															
1.	Kharif	Pigeonpea	40	100	IPA – 203 + Seed treatment + Line sowing + Fertilizer 25:50:25:20 (NPKS Kg/ha) + Micronutrient + Insecticides	Local Variety + Broadcasting + Fertilizer: 30:10:0 (NPK Kg/ha)	10.2	15.2	12.4	13.8	- 170	112	930	--	31.80	18.46
2.	Rabi	Lentil	20	50	IPL – 316 + Seed treatment + Line sowing + Fertilizer 25:50:25:20 (NPKS Kg/ha) + Micronutrient + Insecticides	Local Variety + Broadcasting + Fertilizer: 20:30:0 (NPK Kg/ha)	9.40	13.10	10.70	11.90	60	-54	460	25	--	17.86
	Oil Seeds															
3.	Rabi	Mustard	30	75	Pusa Mustard – 28 + Seed treatment + Line sowing + Fertilizer 80:60:40:20 (NPKS Kg/ha) +	Local Variety + Broadcasting + Fertilizer: 60:20:0 (NPK Kg/ha)	10.80	16.10	13.30	14.70	-180	-255	910	--	--	19.60

					Micronutrient + Insecticides											
4.	Rabi	Linseed	20	50	Sabour Tisi-1 + Seed treatment + Line sowing + Fertilizer 80:30:20:20 (NPKS Kg/ha) + Micronutrient + Insecticides	Local Variety + Broadcasting + Fertilizer NPK: 50:20:0 (NPK Kg/ha)	5.80	8.40	7.20	7.80	140	38	720	27.78	32.36	15.38
5.	Rabi	Sunflower	10	25	Hybrid (Ajeet 531) + Seed treatment + Line sowing + Fertilizer 80:90:40:20 (NPKS Kg/ha) + Micronutrient + Insecticides	Local Variety + Broadcasting + Fertilizer: 50:20:0 (NPK Kg/ha)	--	10.30	8.50	9.40	--	--	--	--	--	--
	2024-25															
	Oil Seeds															
1.	Kharif	Groundnut	60	240	K – 1812 + Seed treatment + Line sowing + Fertilizer 25:50:20:20 (NPKS Kg/ha) + Micronutrient + Insecticides	Angiabadam + Broadcasting + Fertilizer NPK: 25:25:0 (NPK Kg/ha)	9.80	19.20	15.60	17.40	- 80	119	2520	--	69.15	21.71
2.	Kharif	Soybean	40	160	JS – 20 - 116 + Seed treatment + Line sowing + Fertilizer 25:80:40:30 (NPKS Kg/ha) + Micronutrient +	Local Variety + Broadcasting + Fertilizer NPK: 50:20:0 (NPK Kg/ha)	-	14.50	11.90	13.20	--	--	--	--	--	--

					Insecticides											
3.	Kharif	Niger	100	400	Birsa Niger-1+ Seed treatment + Line sowing + Fertilizer 20:20:20:15 (NPKS Kg/ha) + Micronutrient + Insecticides	Local Variety + Broadcasting + Fertilizer NPK: 40:20:0 (NPK Kg/ha)	3.96	6.70	5.10	5.90	-36	108	274	--	38.49	28.96
4.	Rabi	Mustard	200	500	BBM - 1 + Seed treatment + Line sowing + Fertilizer 80:60:40:20 (NPKS Kg/ha) + Micronutrient + Insecticides	Local Variety + Broadcasting + Fertilizer NPK: 60:20:0 (NPK Kg/ha)	Standing									
5.	Rabi	Linseed	40	100	Sabour Tisi-1 + Seed treatment + Line sowing + Fertilizer 80:30:20:20 (NPKS Kg/ha) + Micronutrient + Insecticides	Local Variety + Broadcasting + Fertilizer: 50:20:0 (NPK Kg/ha)	Standing									

2. Economic parameters

S. No.	Detail of technology demonstrated	Farmer's existing practice				Demonstration technology				Additional Income (Rs/ha)
		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	
	2023-24									
1	Pigeonpea (IPA – 203 + Seed treatment + Line sowing + Fertilizer 25:50:25:20 (NPKS Kg/ha) + Micronutrient + Insecticides)	43600	66300	22700	1.52:1	47200	89700	42500	1.90:1	19800

2	Lentil (IPL – 316 + Seed treatment + Line sowing + Fertilizer 25:50:25:20 (NPKS Kg/ha) + Micronutrient + Insecticides)	33400	56400	23000	1.67:1	36200	71400	35200	1.97:1	12200
3	Mustard (Pusa Mustard – 28 + Seed treatment + Line sowing + Fertilizer 80:60:40:20 (NPKS Kg/ha) + Micronutrient + Insecticides)	36800	59400	22600	1.61:1	38500	80850	42350	2.10:1	19750
4	Linseed (Sabour Tisi-1 + Seed treatment + Line sowing + Fertilizer 80:30:20:20 (NPKS Kg/ha) + Micronutrient + Insecticides)	20200	31900	11700	1.58:1	22300	42900	20600	1.92:1	8900
5	Sunflower (Hybrid (Ajeet 531) + Seed treatment + Line sowing + Fertilizer 80:90:40:20 (NPKS Kg/ha) + Micronutrient + Insecticides)	-	-	-	-	32500	60160	27660	1.85:1	27660
	2024-25									
6	Groundnut (K – 1812 + Seed treatment + Line sowing + Fertilizer 25:50:20:20 (NPKS Kg/ha) + Micronutrient + Insecticides)	51200	68600	17400	1.34:1	58400	121800	63400	2.08:1	46000
7	Soybean (JS – 20 – 116 + Seed treatment + Line sowing + Fertilizer 25:80:40:30 (NPKS Kg/ha) + Micronutrient + Insecticides)	--	--	--	--	41200	66000	24800	1.60:1	24800
8	Niger (Birsa Niger-1+ Seed treatment + Line sowing + Fertilizer 20:20:20:15 (NPKS Kg/ha) + Micronutrient + Insecticides)	23700	35640	11940	1.50:1	28800	53100	24300	1.84:1	12360
9	Mustard (BBM – 1 + Seed treatment + Line sowing + Fertilizer 80:60:40:20 (NPKS Kg/ha) + Micronutrient + Insecticides)	Standing								
10	Linseed (Sabour Tisi-1 + Seed treatment + Line sowing + Fertilizer 80:30:20:20 (NPKS Kg/ha) + Micronutrient + Insecticides	Standing								

3. Socio-economic impact parameters

S. No.	Name of crop demonstrated	Total produce obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own their own farm (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
	2023-24							
1	Pigeonpea	55200	490	65	20	10	Study of children, marriage, livelihood promotion	40
2	Lentil	23800	400	60	30	20	Study of children, marriage, livelihood promotion	28
3	Mustard	44100	450	55	10	20	Study of children, marriage, livelihood promotion	30
4	Linseed	15600	200	55	20	20	Study of children, marriage, livelihood promotion	20
5	Sunflower	9400	250	64	00	25	Study of children, marriage, livelihood promotion	20
	2024-25							
6	Groundnut	104400	350	70	40	20	Study of children, marriage, livelihood promotion	45
7	Soybean	52800	250	50	30	10	Study of children, marriage, livelihood promotion	30
8	Niger	59000	100	90	05	05	Study of children, marriage, livelihood promotion	22
9	Mustard	Standing						
10	Linseed	Standing						

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

S. No.	Detail of technologies demonstrated	Farmers' Perception parameters						
		Suitability of technology 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	Farmer feedback
	2023-24							
1	Pigeonpea (IPA – 203 + Seed treatment + Line sowing + Fertilizer 25:50:25:20 (NPKS Kg/ha) + Micronutrient + Insecticides)	Yes	Preferred	70 - 75	No	Yes	No	Satisfactory
2	Lentil (IPL – 316 + Seed treatment + Line sowing + Fertilizer 25:50:25:20 (NPKS Kg/ha) + Micronutrient + Insecticides)	Yes	Preferred	75 - 80	No	Yes	No	Satisfactory
3	Mustard (Pusa Mustard – 28 + Seed treatment + Line sowing + Fertilizer 80:60:40:20 (NPKS Kg/ha) + Micronutrient + Insecticides)	Yes	Preferred	80 - 85	No	Yes	No	Satisfactory
4	Linseed (Sabour Tisi-1 + Seed treatment + Line sowing + Fertilizer 80:30:20:20 (NPKS Kg/ha) + Micronutrient + Insecticides)	Yes	Preferred	70 - 75	No	Yes	No	Satisfactory
5	Sunflower (Hybrid (Ajeet 531) + Seed treatment + Line sowing + Fertilizer 80:90:40:20 (NPKS Kg/ha) +	Yes	Preferred	50 - 55	No	Yes	No	Satisfactory

	Micronutrient + Insecticides)							
	2024-25							
6	Groundnut (K – 1812 + Seed treatment + Line sowing + Fertilizer 25:50:20:20 (NPKS Kg/ha) + Micronutrient + Insecticides)	Yes	Preferred	70 - 75	No	Yes	No	Satisfactory
7	Soybean (JS – 20 – 116 + Seed treatment + Line sowing + Fertilizer 25:80:40:30 (NPKS Kg/ha) + Micronutrient + Insecticides)	Yes	Preferred	45 - 50	No	Yes	No	New crop
8	Niger (Birsa Niger-1+ Seed treatment + Line sowing + Fertilizer 20:20:20:15 (NPKS Kg/ha) + Micronutrient + Insecticides)	Yes	Preferred	60 - 70	No	Yes	No	Satisfactory
9	Mustard (BBM – 1 + Seed treatment + Line sowing + Fertilizer 80:60:40:20 (NPKS Kg/ha) + Micronutrient + Insecticides)	Yes	Preferred	80 - 85	No	Yes	No	Satisfactory
10	Linseed (Sabour Tisi-1 + Seed treatment + Line sowing + Fertilizer 80:30:20:20 (NPKS Kg/ha) + Micronutrient + Insecticides	Yes	Preferred	70 - 75	No	Yes	No	Satisfactory

C. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Pigeonpea (IPA – 203 + Seed treatment + Line sowing + Fertilizer 25:50:25:20 (NPKS Kg/ha) + Micronutrient + Insecticides)	Satisfactory	Performance of technology was found better in comparison to local and it has been depicted in the yield.	High yielding
Lentil (IPL – 316 + Seed treatment + Line sowing + Fertilizer 25:50:25:20 (NPKS Kg/ha) + Micronutrient + Insecticides)	Satisfactory	Performance of technology was found better in comparison to local.	High Yielding and found wilt tolerant
Mustard (Pusa Mustard – 28 + Seed treatment + Line sowing + Fertilizer 80:60:40:20 (NPKS Kg/ha) + Micronutrient + Insecticides)	Satisfactory	Performance of technology was found better in comparison to local.	High yielding
Linseed (Sabour Tisi-1 + Seed treatment + Line sowing + Fertilizer 80:30:20:20 (NPKS Kg/ha) + Micronutrient + Insecticides)	Satisfactory	Performance of technology was found better in comparison to local.	Found suitable under utera cultivation
Sunflower (Hybrid (Ajeet 531) + Seed treatment + Line sowing + Fertilizer 80:90:40:20 (NPKS Kg/ha) + Micronutrient + Insecticides)	Satisfactory	Performance of technology was found satisfactory.	High yielding
Groundnut (K – 1812 + Seed treatment + Line sowing + Fertilizer 25:50:20:20 (NPKS Kg/ha) + Micronutrient + Insecticides)	Satisfactory	Performance of technology was found better in comparison to local.	High yielding
Soybean (JS – 20 – 116 + Seed treatment + Line sowing + Fertilizer 25:80:40:30 (NPKS Kg/ha) + Micronutrient + Insecticides)	Satisfactory	Performance of technology was found better in comparison to local.	New crop but found suitable, access to local market is not good.
Niger (Birsa Niger-1+ Seed treatment + Line sowing + Fertilizer 20:20:20:15 (NPKS Kg/ha) + Micronutrient + Insecticides)	Satisfactory	Performance of technology was found better in comparison to local.	Satisfactory
Mustard (BBM – 1 + Seed treatment + Line sowing + Fertilizer 80:60:40:20 (NPKS Kg/ha) + Micronutrient + Insecticides)	Standing		
Linseed (Sabour Tisi-1 + Seed treatment + Line sowing + Fertilizer 80:30:20:20 (NPKS Kg/ha) + Micronutrient + Insecticides	Standing		

D. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmers attended
1.	Training Programme on scientific cultivation of pigeonpea	03.07.2023, 05.07.2023, GVT – KVK, Godda	50
2.	Field Day of pigeonpea	27.02.2024 (Nipania), 02.03.2024 (Belbathan)	85
3.	Training Programme on scientific cultivation of lentil	28.10.2023 (Gandharvpur)	35
4.	Field Day of lentil	30.01.2024 (Parasi)	45
5.	Training Programme on scientific cultivation of niger	18.08.2023 (Baghmunda)	38
6.	Field Day of niger	20.11.2023 (Pindrahaat)	46
7.	Training Programme on scientific cultivation of mustard	18.10.2023 (Nunbatta) 19.10.2023 (Kairadih)	56
8.	Field Day of mustard	05.03.2024 (Basantpur) 10.03.2024 (Gandharvpur)	60
9.	Training Programme on scientific cultivation of linseed	07.11.2023 (Amrakanauli) 09.11.2023 (Malhara)	53
10.	Field Day of linseed	04.03.2024 (Parasi), 06.03.2024(Malhara)	56
11.	Training Programme on scientific cultivation of groundnut	10.07.2024 (Jeetpur) 13.07.2024 (Karikadar)	56
12.	Field Day of groundnut	28.10.2024 (Jeetpur) 30.10.2024 (Beltuppa)	60
13.	Training Programme on scientific cultivation of niger	16.08.2024 (Tilaipara) 19.08.2024 (Daldali)	62
14.	Field Day of niger	18.11.2024 (Chandna) 20.11.2024 (Kusma)	72
15.	Training Programme on scientific cultivation of soybean	14.08.2024 (Daharlangi)	26
16.	Field Day of soybean	20.11.2024 (Harla)	32
17.	Training Programme on scientific cultivation of mustard	10.11.2024 (Chilkara Govind) 15.11.2024 (Markhan)	53
18.	Training Programme on scientific cultivation of linseed	16.11.2024 (Bhalsundiya) 18.11.2024 (Teloliya)	51

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

F. Farmers' training photographs

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

H. Details of budget utilization

Crop (Provide crop wise information)	Items	Area (ha) allotted	Area (ha) achieved	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Pigeonpea (2023 – 24)	i) Critical input	40	40	324000	323493	507
	ii) TA/DA/POL etc. for monitoring			36000	36000	
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total			360000	359493	507

Crop (Provide crop wise information)	Items	Area (ha) allotted	Area (ha) achieved	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Lentil (2023 – 24)	i) Critical input	20	20	162000	161605	395
	ii) TA/DA/POL etc. for monitoring			18000	17955	45
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total			180000	179560	440

Crop (Provide crop wise information)	Items	Area (ha) allotted	Area (ha) achieved	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Mustard (2023 – 24)	i) Critical input	30	30	162000	161975	25
	ii) TA/DA/POL etc. for monitoring			18000	18000	00
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total			180000	179975	25

Crop (Provide crop wise information)	Items	Area (ha) allotted	Area (ha) achieved	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)

Linseed (2023 – 24)	i) Critical input	20	20	90000	89920	80
	ii) TA/DA/POL etc. for monitoring			10000	10000	00
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total			100000	99920	80

Crop (Provide crop wise information)	Items	Area (ha) allotted	Area (ha) achieved	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Sunflower (2023 – 24)	i) Critical input	10	10	54000	53901	99
	ii) TA/DA/POL etc. for monitoring			6000	6000	00
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total			60000	59901	99

Crop (Provide crop wise information)	Items	Area (ha) allotted	Area (ha) achieved	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Groundnut (2024 – 25)	i) Critical input	60	60	1296000	1231000	65000
	ii) TA/DA/POL etc. for monitoring			144000	144000	00
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total			1440000	1375000	65000

Crop (Provide crop wise information)	Items	Area (ha) allotted	Area (ha) achieved	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Soybean (2024 – 25)	i) Critical input	40	40	540000	516000	24000
	ii) TA/DA/POL etc. for monitoring			60000	60000	00
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total			600000	576000	24000

Crop (Provide crop wise information)	Items	Area (ha) allotted	Area (ha) achieved	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)

Niger (2024 – 25)	i) Critical input	100	100	720000	685000	35000
	ii) TA/DA/POL etc. for monitoring			80000	80000	00
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total			800000	765000	35000

Crop (Provide crop wise information)	Items	Area (ha) allotted	Area (ha) achieved	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Mustard (2024 – 25)	i) Critical input	200	200	1620000	1150000	470000
	ii) TA/DA/POL etc. for monitoring			180000	180000	00
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total			1800000	1330000	470000

Crop (Provide crop wise information)	Items	Area (ha) allotted	Area (ha) achieved	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Linseed (2024 – 25)	i) Critical input	40	40	288000	245000	43000
	ii) TA/DA/POL etc. for monitoring			32000	32000	00
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total			320000	277000	43000

3.4 ACHIEVEMENTS ON TRAINING /CAPACITY BUILDING PROGRAMMES (Mandated KVK trainings/sponsored training /FLD training programmes):

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	1	18	10	28	12	2	14	15	4	19	45	16	61
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	1	10	2	12	0	0	0	10	8	18	20	10	30
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, (cultivation of crops)	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Skill development	0	0	0	0	0	0	0	0	0	0	0	0	0
Yield increment	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of low volume and high value crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-season vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any (Cultivation of Vegetable)	0	0	0	0	0	0	0	0	0	0	0	0	0
Gardner	1	19	1	20	0	0	0	0	0	0	19	1	20
Training and pruning	0	0	0	0	0	0	0	0	0	0	0	0	0
b) Fruits													
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any(INM)	0	0	0	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants													
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of	0	0	0	0	0	0	0	0	0	0	0	0	0

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
Ornamental Plants													
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
d) Plantation crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
e) Tuber crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants													
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Post-harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management													
Soil fertility management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Livestock Production and Management													
Dairy Management	2	40	25	65	0	0	0	0	0	0	40	25	65
Poultry Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Feed management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any Goat farming	0	0	0	0	0	0	0	0	0	0	0	0	0
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	0	0	0	0	0	0	0	0	0	0	0	0	0
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0	0	0	0

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

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
IX. Production of Inputs at site													
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics													
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry	0	0	0	0	0	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	3	21	0	21	0	2	2	36	60	96	57	62	119
XII. Others (Pl. Specify)													
TOTAL	**8**	**108**	**38**	**146**	**12**	**4**	**16**	**61**	**72**	**133**	**181**	**114**	**295**

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	2	22	3	25	13	12	25	10	44	54	45	59	104
Bee-keeping	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	1	12	5	17	0	0	0	8	0	8	20	5	25
Planting material production	1	0	0	0	0	0	0	0	25	25	0	25	25
Vermi-culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0

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 of Horticulture crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Gardner	1	21	1	22	6	0	6	12	0	12	39	1	40
High Value Crop	1	0	0	0	0	0	0	7	18	25	7	18	25
Value addition	1	0	0	0	0	25	25	0	0	0	0	25	25
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	2	12	2	14	22	30	52	1	8	9	35	40	75
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	2	0	0	0	0	0	0	47	3	50	47	3	50
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	1	0	0	0	0	0	0	28	22	50	28	22	50
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	1	2	6	8	0	1	1	1	16	17	3	23	26
Para vets	0	0	0	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post-Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	1	0	5	5	0	0	0	0	20	20	0	25	25
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**14**	**69**	**22**	**91**	**41**	**68**	**109**	**114**	**156**	**270**	**224**	**246**	**470**

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	2	0	0	0	0	0	0	5	47	52	5	47	52
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	2	8	2	10	15	10	25	14	1	15	37	13	50
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building	2	2	15	17	16	11	27	0	6	6	18	32	50
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0

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
Management in farm animals	1	24	1	25	0	0	0	1	1	2	25	2	27
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and Child care	2	0	10	10	0	25	25	0	15	15	0	50	50
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	2	15	0	15	9	16	25	10	0	10	34	16	50
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro Irrigaton	2	0	0	0	23	0	23	0	25	25	23	25	48
TOTAL	**13**	**49**	**28**	**77**	**63**	**62**	**125**	**30**	**95**	**125**	**142**	**185**	**327**

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, (cultivation of crops)	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	2	0	0	0	10	15	25	0	25	25	10	40	50
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Skill development	0	0	0	0	0	0	0	0	0	0	0	0	0
Yield increment	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of low volume and high value crops	2	0	0	0	09	16	25	1	24	25	10	40	50
Off-season vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery raising	4	0	0	0	25	50	75	5	20	25	30	70	100
Export potential vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any (Cultivation of Vegetable)	5	0	0	0	25	25	50	3	72	75	28	97	125
Training and pruning	0	0	0	0	0	0	0	0	0	0	0	0	0
b) Fruits													
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	1	0	0	0	0	0	0	0	25	25	0	25	25
Management of young	1	0	0	0	0	0	0	5	20	25	5	20	25

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
plants/orchards													
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any(INM)	0	0	0	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants													
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any (Floriculture)	1	0	0	0	0	0	0	0	25	25	0	25	25
d) Plantation crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
e) Tuber crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices													
Production and Management technology	2	0	0	0	0	0	0	6	45	51	6	45	51
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants													
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Post-harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management													
Soil fertility management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	2	5	12	17	5	3	8	0	26	26	10	41	51
Resource Conservation Technologies	2	0	0	0	0	0	0	3	48	51	3	48	51
IV. Livestock Production and Management													
Dairy Management	1	0	0	0	0	0	0	12	13	25	12	13	25
Poultry Management	5	16	10	26	24	51	75	18	15	33	58	76	134
Piggery Management	1	0	0	0	0	0	0	3	27	30	3	27	30
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0

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
Disease Management	2	0	0	0	0	0	0	5	46	51	5	46	51
Feed management	2	0	0	0	0	0	0	15	38	53	15	38	53
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any Goat farming	1	10	15	25	0	0	0	0	0	0	10	15	25
Duckery Management	1	0	0	0	0	0	0	0	25	25	0	25	25
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	2	0	0	0	0	25	25	8	23	31	8	48	56
Design and development of low/minimum cost diet	2	0	0	0	0	25	25	0	25	25	0	50	50
Designing and development for high nutrient efficiency diet	2	0	0	0	0	24	24	0	26	26	0	50	50
Minimization of nutrient loss in processing	1	0	0	0	0	0	0	8	17	25	8	17	25
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	1	0	0	0	0	0	0	12	13	25	12	13	25
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	3	0	0	0	0	0	0	0	80	80	0	80	80
Income generation activities for empowerment of rural Women	1	0	0	0	0	0	0	0	27	27	0	27	27
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building	1	0	0	0	0	0	0	0	27	27	0	27	27
Women and child care	1	0	0	0	0	0	0	0	25	25	0	25	25
Nutritional Security	1	0	0	0	0	0	0	3	23	26	3	23	26
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Post-Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VII. Plant Protection													
Integrated Pest Management	8	0	0	0	0	25	25	8	167	175	8	192	200
Integrated Disease Management	5	0	0	0	17	0	17	1	100	101	18	100	118
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Bee-keeping	1	0	0	0	0	0	0	8	19	27	8	19	27
VIII. Fisheries													
Integrated fish farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0

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
Composite fish culture & fish disease	2	7	24	31	1	2	3	8	24	32	16	50	66
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IX. Production of Inputs at site													
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics													
Leadership development	1	0	0	0	0	0	0	8	17	25	8	17	25
Group dynamics	2	0	0	0	2	0	2	11	37	48	13	37	50
Formation and Management of SHGs	2	0	0	0	0	0	0	7	44	51	7	44	51
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development and skill development	1	0	0	0	0	0	0	23	6	29	23	6	29
Entrepreneurial development of farmers/youths	1	0	0	0	0	0	0	0	25	25	0	25	25
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry	0	0	0	0	0	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	1	0	0	0	0	0	0	12	13	25	12	13	25
XII. Others (Pl. Specify)													
TOTAL	**74**	**38**	**61**	**99**	**93**	**261**	**354**	**193**	**1232**	**1425**	**349**	**1480**	**1829**

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post-Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop intensification	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	1	18	10	28	12	2	14	15	4	19	45	16	61
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	1	10	2	12	0	0	0	10	8	18	20	10	30
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic	0	0	0	0	0	0	0	0	0	0	0	0	0

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
inputs													
Others, (cultivation of crops)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	28	12	40	12	2	14	25	12	37	65	26	91
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	2	0	0	0	10	15	25	0	25	25	10	40	50
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Skill development	0	0	0	0	0	0	0	0	0	0	0	0	0
Yield increment	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of low volume and high value crops	2	0	0	0	9	16	25	1	24	25	10	40	50
Off-season vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery raising	4	0	0	0	25	50	75	5	20	25	30	70	100
Exotic vegetables like Broccoli	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any (Cultivation of Vegetable)	5	0	0	0	25	25	50	3	72	75	28	97	125
Gardner	1	19	1	20	0	0	0	0	0	0	19	1	20
TOTAL	14	19	1	20	69	106	175	9	141	150	97	248	345
b) Fruits													
Training and Pruning	0	0	0	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	1	0	0	0	0	0	0	0	25	25	0	25	25
Management of young plants/orchards	1	0	0	0	0	0	0	5	20	25	5	20	25
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any(INM)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	0	0	0	0	0	0	5	45	50	5	45	50
c) Ornamental Plants													
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any (Floriculture)	1	0	0	0	0	0	0	0	25	25	0	25	25
TOTAL	1	0	0	0	0	0	0	0	25	25	0	25	25

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
d) Plantation crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
e) Tuber crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices													
Production and Management technology	2	0	0	0	0	0	0	6	45	51	6	45	51
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	0	0	0	0	0	0	6	45	51	6	45	51
g) Medicinal and Aromatic Plants													
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management													
Soil fertility management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	2	5	12	17	5	3	8	0	26	26	10	41	51
Resource Conservation Technologies	2	0	0	0	0	0	0	3	48	51	3	48	51
TOTAL	4	5	12	17	5	3	8	3	74	77	13	89	102
IV. Livestock Production and Management													
Dairy Management	3	40	25	65	0	0	0	12	13	25	52	38	90
Poultry Management	5	16	10	26	24	51	75	18	15	33	58	76	134
Piggery Management	1	0	0	0	0	0	0	3	27	30	3	27	30
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	2	0	0	0	0	0	0	5	46	51	5	46	51

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
Feed management	2	0	0	0	0	0	0	15	38	53	15	38	53
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any (Goat farming)	1	10	15	25	0	0	0	0	0	0	10	15	25
Duckery Management	1	0	0	0	0	0	0	0	25	25	0	25	25
TOTAL	15	66	50	116	24	51	75	53	164	217	143	265	408
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	2	0	0	0	0	25	25	8	23	31	8	48	56
Design and development of low/minimum cost diet	2	0	0	0	0	25	25	0	25	25	0	50	50
Designing and development for high nutrient efficiency diet	2	0	0	0	0	24	24	0	26	26	0	50	50
Minimization of nutrient loss in processing	1	0	0	0	0	0	0	8	17	25	8	17	25
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	1	0	0	0	0	0	0	12	13	25	12	13	25
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	3	0	0	0	0	0	0	0	80	80	0	80	80
Income generation activities for empowerment of rural Women	1	0	0	0	0	0	0	0	27	27	0	27	27
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building	1	0	0	0	0	0	0	0	27	27	0	27	27
Women and child care	1	0	0	0	0	0	0	0	25	25	0	25	25
Nutritional Security	1	0	0	0	0	0	0	3	23	26	3	23	26
TOTAL	15	0	0	0	0	74	74	31	286	317	31	360	391
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Post-Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
VII. Plant Protection													
Integrated Pest Management	8	0	0	0	0	25	25	8	167	175	8	192	200
Integrated Disease Management	5	0	0	0	17	0	17	1	100	101	18	100	118

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
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Bee-keeping	1	0	0	0	0	0	0	8	19	27	8	19	27
TOTAL	14	0	0	0	17	25	42	17	286	303	34	311	345
VIII. Fisheries													
Integrated fish farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture & fish disease	2	7	24	31	1	2	3	8	24	32	16	50	66
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	7	24	31	1	2	3	8	24	32	16	50	66
IX. Production of Inputs at site													
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0

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
X. Capacity Building and Group Dynamics													
Leadership development	1	0	0	0	0	0	0	8	17	25	8	17	25
Group dynamics	2	0	0	0	2	0	2	11	37	48	13	37	50
Formation and Management of SHGs	2	0	0	0	0	0	0	7	44	51	7	44	51
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development and skill development	1	0	0	0	0	0	0	23	6	29	23	6	29
Entrepreneurial development of farmers/youths	1	0	0	0	0	0	0	0	25	25	0	25	25
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	7	0	0	0	2	0	2	49	129	178	51	129	180
XI Agro-forestry													
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	4	21	0	21	0	2	2	48	73	121	69	75	144
TOTAL	4	21	0	21	0	2	2	48	73	121	69	75	144
XII. Others (Pl. specify)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**79**	**146**	**99**	**245**	**130**	**191**	**321**	**254**	**1304**	**1558**	**530**	**1594**	**2124**

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	2	22	3	25	13	12	25	10	44	54	45	59	104
Bee-keeping	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated farming	1	12	5	17	0	0	0	8	0	8	20	5	25
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	1	0	0	0	0	0	0	0	25	25	0	25	25
Vermi-culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0

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
Gardner	1	21	1	22	6	0	6	12	0	12	39	1	40
High Value Crop	1	0	0	0	0	0	0	7	18	25	7	18	25
Value addition	1	0	0	0	0	25	25	0	0	0	0	25	25
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	2	12	2	14	22	30	52	1	8	9	35	40	75
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	2	0	0	0	0	0	0	47	3	50	47	3	50
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	1	0	0	0	0	0	0	28	22	50	28	22	50
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post-Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	1	0	5	5	0	0	0	0	20	20	0	25	25
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	1	2	6	8	0	1	1	1	16	17	3	23	26
Others if any (ICT application in agriculture)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**14**	**69**	**22**	**91**	**41**	**68**	**109**	**114**	**156**	**270**	**224**	**246**	**470**

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	2	0	0	0	0	0	0	5	47	52	5	47	52
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0

Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	2	0	0	0	23	0	23	0	25	25	23	25	48
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	2	8	2	10	15	10	25	14	1	15	37	13	50
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	2	2	15	17	16	11	27	0	6	6	18	32	50
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	1	24	1	25	0	0	0	1	1	2	25	2	27
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and Child care	2	0	10	10	0	25	25	0	15	15	0	50	50
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	2	15	0	15	9	16	25	10	0	10	34	16	50
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop intensification	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**13**	**49**	**28**	**77**	**63**	**62**	**125**	**30**	**95**	**125**	**142**	**185**	**327**

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

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of SC/ST			Number of participants (others)			Over all participants
					M	F	Total	M	F	Total	
Please see the *Annexure*-I											

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	
Goat rearing	Goatry production	Improved technology for goatry Production	5	22	28	50	Small	10	10	00
Poultry Production	Poultry Production	Poultry Production	5	28	22	50	Small	05	05	03
Mushroom Production	Mushroom Production	Mushroom Production	5	40	39	79	Small	05	05	03
Goat rearing	Goatry production	Improved technology for goatry Production	5	13	12	25	Small	04	04	00
Tailoring and Stitching	Tailoring and Stitching	Stitching of Appliqué	5	0	25	25	Small	15	15	00
Piggery Production	Piggery Management	Piggery Management	5	24	1	25	Small	10	10	00
Mushroom Production	Mushroom Production	Mushroom Production	5	5	20	25	Small	18	18	00
High Value Crop	High Value Crop	Good agricultural practices for cultivation of high value crops	5	7	18	25	Small	11	11	02
Planting Material Production	Planting Material Production	Plant propagation techniques in fruit crops	5	0	25	25	Small	05	05	00
INM	INM	INM	15	41	9	50	Small	10	10	2

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

I) Sponsored Training Programmes

Sl.	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants									Sponsoring Agency
					PF/RY/EF		Male			Female			Total			
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1	INM	INM	May	15	RY	1	37	2	2	9	0	0	46	2	2	50	Self Sponsored
2	Resource Conservation Technologies in Agriculture	Resource Conservation Technologies	April	1	PF	1	18	12	15	10	2	4	28	14	19	61	JREDA, Ranchi
3	Seed production of Finger Millet	Seed Production	June	3	PF	1	10	0	10	2	0	8	12	0	18	30	NABARD
4	Dairy Management	Dairy Management	July	1	PF	1	30	0	0	10	0	0	40	0	0	40	Medha Dairy
5	Clean Milk Production & Forage Production	Dairy Management	July	1	PF	1	10	0	0	15	0	0	25	0	0	25	Medha Dairy

Area of training	No. of Courses	No. of Participants											
		General			SC			ST			Grand Total		
		M	F	Total	M	F	Total	M	F	Total	M	F	Total
Crop production and management													
Increasing production and productivity of crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial production of vegetables	7	22	3	25	13	12	25	21	158	179	56	173	229
Production and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Fruit Plants	3	0	0	0	0	0	0	5	70	75	5	45	75
Ornamental plants	1	0	0	0	0	0	0	0	25	25	0	25	25
Spices crops	2	0	0	0	0	0	0	6	45	51	6	45	51
Soil health and fertility management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Inputs at site	0	0	0	0	0	0	0	0	0	0	0	0	0
Methods of protective cultivation	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	19	34	1	20	0	0	0	37	403	440	71	404	475
Total	32	56	4	45	13	12	25	69	701	770	138	692	855
Post harvest technology and value addition													
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0

Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Farm machinery													
Farm machinery, tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock and fisheries													
Livestock production and management	7	12	2	14	22	30	52	79	86	165	113	118	231
Animal Nutrition Management	7	26	25	51	0	0	0	53	90	143	79	115	194
Animal Disease Management	3	24	1	25	0	0	0	6	46	52	30	47	77
Fisheries Nutrition	0	0	0	0	0	0	0	0	0	0	0	0	0
Fisheries Management	1	7	24	31	1	2	3	0	0	0	8	26	34
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	18	69	52	121	23	32	55	138	222	360	230	306	536
Home Science													
Household nutritional security	2	0	0	0	0	0	0	11	46	57	11	46	57
Economic empowerment of women	2	0	0	0	0	0	0	0	54	54	0	54	54
Drudgery reduction of women	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	10	0	15	15	0	0	0	20	221	241	20	236	256
Total	14	0	15	15	0	0	0	31	321	352	31	336	367
Agricultural Extension													
Capacity Building and Group Dynamics	4	10	17	27	3	1	4	25	44	69	38	62	100
Other	12	19	23	42	5	4	9	62	195	257	86	222	308
Total	16	29	40	69	8	5	13	87	239	326	124	284	408
Grand Total	80	154	111	250	44	49	93	325	1483	1808	523	1618	2166

J. Information on ASCI Skill Development Training Programme funded by ICAR undertaken during 2024

Total no of training organized	Name of QP/Job role	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	
1	AGR/Q0814	Gardner Keeper	210	0	0	0	0	19	1	19	1	20	240500
2	AGR/Q0801	Gardner	15	6	0	12	0	21	1	39	1	40	84000

J. Information on Skill Development Training Programme (Other agency if any) if undertaken: NA

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

3.5. A. ACHEVEMENTS OF EXTENSION/OUTREACH ACTIVITIES
(Including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers					Extension Officials					Total				
		M	F	Total	SC (no.)	ST (no.)	M	F	Total	SC (no.)	ST (no.)	M	F	Total	SC (no.)	ST (no.)
Kisan Mela organized	1	358	284	642	61	131	52	6	58	6	15	410	290	700	67	146
Kisan Mela participated	7	3300	2321	5621	558	1186	262	70	332	34	73	3562	2391	5953	592	1259
Field Day	12	110	274	384	24	165	9	3	12	2	4	119	277	396	26	169
Kisan Ghosthi	4	84	179	263	28	57	7	3	10	1	3	91	182	273	29	60
Exhibition organized	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Participation in exhibition	8	3236	2303	5539	546	1171	282	62	344	33	75	3518	2365	5883	579	1246
Film Show	7	264	190	454	46	83	280	191	471	49	107	544	381	925	95	190
Method Demonstrations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Farmers Seminar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Workshop	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Group discussion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lectures delivered as resource persons	11	30	80	110	12	25	36	85	121	12	28	66	165	231	24	53
Advisory Services	12	2742	1532	4274	421	905	2762	1536	4298	430	906	5504	3068	8572	851	1811
Scientific visit to farmers field	12	1278	1365	2643	270	574	1278	1365	2643	267	561	2556	2730	5286	537	1135
Farmers visit to KVK	12	2742	1532	4274	430	906	2765	1536	4301	433	927	5507	3068	8575	863	1833

Diagnostic visits	2	20	8	28	2	7	21	8	29	4	9	41	16	57	6	16
Exposure visits	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ex-trainees Sammelan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil health Camp	1	34	28	62	5	16	36	29	65	7	16	70	57	127	12	32
Animal Health Camp	1	6	14	20	2	6	6	14	20	2	6	12	28	40	4	12
Agri mobile clinic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil test campaigns	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Farm Science Club Conveners meet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Self Help Group Conveners meetings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mahila Mandals Conveners meetings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Special day celebration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sankalp Se Siddhi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Swatchta Hi Sewa	18	334	747	1081	106	335	139	13	152	17	35	473	760	1233	123	370
Celebration of important date (PM Kisan Samman Nidhi, National Science Day, International Women's Day, World earth day, World milk day, world environment day, ICAR Foundation Day, Independence Day, Rashtriya Poshan Abhiyan evam Vrikshya Ropan Karyakram etc.)	13	334	273	607	57	132	62	12	74	8	17	396	285	681	65	149
Any Other (PMFBY, Awareness Programme, Plant Health Clinic, Jalshakti abhiyan, Farmers Scientist Interaction, Natural farming)	44	933	839	1772	171	377	115	24	139	15	33	1048	863	1911	186	410

B. Other Extension/content mobilization activities

Nature of Extension Activity	No. of activities
Newspaper coverage	243
Radio talks	0
TV talks	0
Popular articles published	0
Extension Literature	15
Electronic media	05
Any other	62

C. Technology week celebration:

Type of activities	No. of activities	Number of participants	Related crop/livestock technology
Awareness Programme, Training Programme, Exposure Visit	12	377	Paddy variety Sahbhagi/Sabour Deep, Finger millet variety A – 404/BM- 3, Pig breed Jharsuk, Elephant foot yam variety Gajendra, Elephant foot yam based multilayer vegetable cropping system, Water harvesting structure, Biofortified variety of finger millet, Nutri garden

D. Celebration of important days in KVKs

Celebration of Important Days	No. of activities	Farmers			Extension Officials			Total		
		M	F	Total	M	F	Total	M	F	Total
Republic day (26th Jan.)	1	37	14	51	8	1	9	45	15	60
National Science Day (28th Feb)	1	32	22	54	7	1	8	39	23	62
International Women's Day (8th Mar.)	1	0	44	44	3	1	4	3	45	48
Ambedkar Jayanti (14th Apr.)	0	0	0	0	0	0	0	0	0	0
World Earth Day (22nd Apr)	1	45	16	61	3	1	4	48	17	65
World's Veterinary Day (Last week of April)	0	0	0	0	0	0	0	0	0	0
World Bee Day (20th May)	1	3	21	24	3	0	3	6	21	27
World 'Milk Day	0	0	0	0	0	0	0	0	0	0
World Environment Day (5th June)	1	0	30	30	1	1	2	1	31	32
International Yoga Day (21st Jun.)	1	19	1	20	0	0	0	19	1	20
9th ATARI Foundation Day (19.08.2024	1	140	52	192	11	1	12	151	53	204
Viswa Adivasi Divas (9.08.2024)	0	0	0	0	0	0	0	0	0	0
Independence Day (15th Aug.)	0	0	0	0	0	0	0	0	0	0
Parthenium Awareness Week	6	80	119	199	10	2	12	90	121	211
Hindi Diwas (14th Sep.)	0	0	0	0	0	0	0	0	0	0
Gandhi Jayanti (2nd Oct.)	0	0	0	0	0	0	0	0	0	0
Mahila Kisan Diwas (15th Oct.)	1	0	25	25	1	1	2	1	26	27
World Food Day (16th Oct.)	0	0	0	0	0	0	0	0	0	0
Vigilance Awareness Week	0	0	0	0	0	0	0	0	0	0
National Unity Day (31st Oct.)	0	0	0	0	0	0	0	0	0	0
World Science Day (10th Nov.)	0	0	0	0	0	0	0	0	0	0
National Education Day (11th Nov.)	0	0	0	0	0	0	0	0	0	0
Fisheries day (21 Nov)	0	0	0	0	0	0	0	0	0	0

National Constitution Day (26th Nov.)	0	0	0	0	0	0	0	0	0	0
World Soil Day (5th Dec.)	1	56	27	83	1	1	2	57	28	85
Kisan Diwas (23rd Dec.)	1	18	12	30	11	1	12	29	13	42
Any other day	0	0	0	0	0	0	0	0	0	0

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

Sl.	Date of event	Name of Event/Programme	Interaction of Hon'ble PM/AM	Participants			
				Farmers	Staffs	VIP/Others	Total
1	15.01.2024	Ceremony of Pradhan Mantri Janjati Adivasi Nyaya Maha Abhiyan	Hon'ble PM	610	5	4	619
2	18.01.2024	PM Programme on Viksit Bharat Sankalp Yatra	Hon'ble PM	459	6	5	470
3	28.02.2024	PM Kisan Samman Nidhi	Hon'ble PM	255	4	4	263
4	18.06.2024	17th PM Kisan Samman Nidhi	Hon'ble PM	105	10	2	117
5	11.08.2024	PM Programme	109 Crop Varieties release Programme	38	5	0	43
6	15.08.2024	National Insect Plant Protection System	Hon'ble Agril Minister	22	8	5	35
7	20.09.2024	Centenary Celebration of ICAR-NISA, Ranchi	Hon'ble President	41	8	6	55
8	05.10.2024	PM Samman Nidhi 18	Hon'ble PM	60	4	2	66
9	07.12.2024	Krishi Choupal	Live telecast on DD Kisan	170	11	6	187

3.5 A. PRODUCTION AND SUPPLY OF TECHNOLOGICAL PRODUCTS

A. Seed production at seed village

Crop	Variety	Quantity of seed (q)	Value (Rs)	No. of farmers involved in village seed production	Number of farmers to whom seed provided			
					SC	ST	Other	Total
Paddy	Sahbhagi	840	1680000	125	0	125	0	125
Paddy	Sabour Deep	930	1860000	125	0	125	0	125
Finger millet	BM - 3	72	360000	20	0	15	5	20

B. Seed production at KVK farm

Type of seed produced	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided			
				SC	ST	Other	Total
Cereals	Paddy (Sahbhagi, Sabour deep)	100	420000	19	59	147	225
	Finger Millet (BM-3)	4.5	22500	20	162	33	215

	Wheat (Sabour Nirjal)	42	184800	10	50	45	105
Oil seed	Mustard (BBM-1/PM-28/30)	7	70000	30	105	165	300
	Linseed (Sabour Tisi-1)	3	21000	5	10	15	30
	Niger (JAS-28)	0.34	3570	0	7	0	7
Pulses							
	Pigeonpea (IPA-206)	1	14000	0	12	0	12
Green Manure		0	0	0	0	0	0
Commercial crop		0	0	0	0	0	0
Vegetables	Cowpea (Swarn Mukut)	0.125	6250	12	46	42	100
	Brinjal (Swarn Pratibha)	0.79	47400	25	180	60	265
Fodder		0.915	53650	37	226	102	365
Spices							
Fruits							
Forest crop							
Ornamental/flower							
Medicinal							
Grand Total		158.755	789520	121	631	507	1259

C. Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total
Vegetable seedlings							
Cauliflower	Empire, Hybrid	14500	29000	14	108	23	145
Cabbage	BC-76, Hybrid	20300	40600	18	115	70	203
Tomato	Swarn Prakash, Swarn Kanchan	15700	31400	14	85	58	157
Brinjal	Swarn Prativa/Swarn Shyamli	54500	109000	65	290	190	545
Chilli	Swarn Praffulya	4700	9400	0	30	17	47
Onion	Arka Niketan	35000	70000	35	205	110	350
Others (Broccoli)	Fantasy	5200	10400	06	35	11	52
Capsicum	Swarn Atulya	3200	6400	4	22	6	32
Knolkhol	S-70	6650	13300	12	40	14	66
Moringa	PKM-1	2460	49200	70	285	137	492
Curry Leaf	Improved	20	200	0	20	0	20
Commercial seedlings							
Mulberry	0	0	0	0	0	0	0
Sugarcane,	0	0	0	0	0	0	0
Sweet Potato	0	0	0	0	0	0	0
Turmeric	0	0	0	0	0	0	0
Zinger	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0
Fruits seedlings							
Mango	0	0	0	0	0	0	0
Guava	L-49, Allahabadi Safeda	864	43200	42	180	210	432
Lime	Kagji	100	5000	8	60	32	100

Papaya	0	0	0	0	0	0	0
Banana	0	0	0	0	0	0	0
Ornamental plants							
Marigold	0	0	0	0	0	0	0
Annual chrysanthemum	0	0	0	0	0	0	0
Tuberose	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0
Medicinal and Aromatic	0	0	0	0	0	0	0
Plantation	0	0	0	0	0	0	0
Tuber Elephant yams	0	0	0	0	0	0	0
Spices	0	0	0	0	0	0	0
Grand Total		**163195**	**417100**	**288**	**1475**	**878**	**2641**

D. Forest species: NA

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

E. Fodder crops saplings

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total
Subabool	K-8	1250	12500	15	70	40	125
Napier Grass Slips	CO-3	16050	32100	40	210	71	321

F. Production of Bio-Products

Name of product	Quantity (Kg)	Value (Rs.)	No. of Farmers benefitted			
			SC	ST	Other	Total
Bio-fertilizers						
Bio-food (Spirulina etc)						
Bio-pesticide (Neeemastra/Brahamastra)	250	2500	03	05	02	10
Bio-agents (*Trichocard* etc) Vermicompost	900	7200	05	13	17	35
Worms (earthworm, silk worms etc)	75	18750	00	07	03	10
Bio-fungicide						
Others, please specify (Mushroom spawn, Culture Mineral Mixture, Coir pith compost, Cow dung, Cow urine	1600 litre	16000	05	30	45	80
Total						

G. Production of livestock & fisheries materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted			
				SC	ST	Other	Total
Dairy animals							
Cows							
Buffaloes							
Calves							
Others (Pl. specify)							
Small ruminants							
Sheep							
Goat	Black Bengal	15	45000	5	0	10	15
Other, please specify							
Poultry							
Broilers							
Layers							
Duals (broiler and layer)	Sonali	500	20000	20	0	0	20
Japanese Quail							
Turkey							
Emu							
Ducks	Khaki Campbell	200	10000	0	20	0	20
Others (Pl. specify)							
Piggery							
Piglet	Jharsuk	30	99000	0	15	0	15
Hog							
Others (Pl. specify)							
Rabbitry							
Fisheries							
Indian carp	Rohu, Katla and Mrigal	0.9375	15000	5	10	40	55
Exotic carp							
Mixed carp							
Fish fingerlings							
Spawn							
Others (Pl. specify)							
Grand Total							

H. SOIL & WATER TESTING

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

Sl. No	Name of the Equipment	Qty.
1.	Air compressor	1
2.	Atomic Absorption Spectrometer AAS-4141	1
3.	Balance	9
4.	Battery (Inverter)	15
5.	Compressor	1
6.	Compressor UDAMUnit	1
7.	Computer	3
8.	Deluxe PH Meter – 10	1
9.	Digital Conductivity Meter	1
10.	Digital Flam Photometer	1

11.	Digital PH Meter	1
12.	Double beam spectrometer UV570455	1
13.	Gas Cylinder	2
14.	Grind Mill	1
15.	Hot air oven (Universal)	1
16.	Hot air oven (Temperature Control)	1
17.	Inverter	1
18.	Laboratory Centrifuge	1
19.	Micro Processor Flam Photometer No. 1380	1
20.	MV Tax	4
21.	Printer MI 1640 Samsung	1
22.	Rotary Flask Shaker	1
23.	Simadzu A x 200	1
24.	Stabilizer Sero DPS 2000	1
25.	UV VIS Digital Spectro Photometer No. 371	1
26.	Mridaparikshak	2

b. Details of samples analyzed so far

Total number of soil samples analyzed till now		
Through mini soil testing kit/labs	Through soil testing laboratory	Total
2995	00	2995

c. Detail of Soil, Water and Plant analysis at KVK (2024)

Sl.	Analysis	No. of Samples analyzed	No. of Villages covered	No. of Farmers benefitted	Amount realized (Rs.)
1.	Soil	2995	82	2995	132000
2.	Water				
3.	Plant				
4.	Fertilizers				
5.	Manures				
6.	Food				
7.	Others (if any)				

d. Details of World Soil Day Celebration

Sl. No.	No. of Activity conducted	Soil Health Cards distributed	No. of farmers benefitted	No. of VIPs	Name (s) of VIP(s) involved if any	Total No. of Participants attended the program
1	Training and Awareness programme, Film show on soil sample collection, Distribution of SHC	30	85	--	--	85

I. Activities under Rain Water Harvesting structure and Micro Irrigation System

S.No	No of training programme conducted	No. of demonstrations	No. of plant material produced	Visit by the farmers (No.)	Visit by the officials (No.)
1	5	2	30000	415	12

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

1. Name of Seed Hub Centre: NA

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

2. Quality Seed Production of Pulses

Season	Name of crop taken under seed production	Name of variety taken under seed production	Crop and variety wise area (ha) covered under seed production	Crop and variety wise Yield (Q/ha)	Crop and variety wise quantity of seed produced (Q)	Crop and variety wise quantity of seed sale out (Q)	Crop and variety wise number of farmers purchased seed from KVK	Quantity of seed sale out to farmers (Q)	No of village covered through sale of seed	Quantity of seed sale out to other organization (Q)	Amount generated (Lakh) during 2024-24	Total amount (Lakh) in Seed Hub project presently

3. Financial Progress

Fund received	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2016-17				
2017-18				
2018-19				
2019				

2020				
2021				
2022				
2024				
2024				

4. Infrastructure Development

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

3.6 HUMAN RESOUSES DEVELOPMENT, PUBLICATIONS, AWARDS & RECOGNITION

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

S.No	Item	Details of publication bibliographic form (Authors name, year, title, volume, issue, page no, journal name)	NASS Rating	
			>6	<6
1	Research paper	Bhushan, S., Chaurasia, H. K. and Shanker, R. 2024. On Farm Assessment of Technology Options against Pod borer and Pod fly in Pigeonpea. *Journal of AgriSearch* 11(2): 132 - 135.		1
2.	Research paper	Dube, R., Shanker, R., Kumar, A., Kumar, A. 2024. Study the reasons for low price of produce in local market of Godda District. National Seminar on Agricultural Extension cum Alumni Meet. 65-72		1

B. Details of Other Publications

Particulars	Details of publication bibliographic form	No of copies published (if any)	No of copies distributed (if any)
Abstracts in Seminar/conference/ symposia published	Technological Gap Analysis of pigeonpea in Godda District. International Conference on “Advanced Agricultural Technologies for self Reliant Farmers and Developed India”. 2024		
Books published			

Book chapter published	Beneficial Role of Banana based Vermi compost unit. GRISAAS- An Edited Book. 2024		
Popular articles published			
Success story published			
TOTAL			

C. Details of Extension Publications

Particulars	**Details of publication (Title, authors name, organization)**	**No of copies published (if any)**	**No of copies distributed (if any)**
Extension Bulletins published			
Agro-advisory bulletins			
Extension folders/leaflet/pamphlets	1.Dalhan Ki Vaigyanik Kheti 2.Telhan Ki Vaigyanik Kheti 3. Ole ki kheti evam mulya samvardhan 4. Sabjiyon ke hannikarak keet evam unka prabandhan 5. Mushroom Utpadan 6. Mitti Ki Janch – Adhik Upaj 7. Phalaon evam sabjiyon ka parirakshan 8. Surakshit Annaj Bhandaran 9. Murgi Palan 10. Sukar Palan 11. Gau Palan 12. Bakri Palan 13.Nutrition Garden 14. Value addition of Ole 15. Adhunik Krishi Mein jaivik Kheti Ka Mahatav 16. Agromet Advisory Bulletin 17. Vibhin Prakar ke mausam Purvanuman tatha Krishi Mein Iska Mahatav 18. Natural Farming 19. Application of Pesticites & Fertilizer through Drone (Ravi Shanker, Satish Kumar, Surya Bhushan, H. K. Chaurasia, Ritesh Dube, Pragatika Mishra, Rajnish Prasad Rajesh and A. P. Thakur)	19000	**17500**
Technical reports	Kisan Diwas Report, KVK Annual Report, Farmers' Scientist Interaction, CFLD		

	Report, World Soil Day, Technical Report for NABARD, Poshan maah, Swachhata Pakhwada, FPO, PMRC meeting minutes of FPOs, IWMS (Ravi Shanker, Satish Kumar, Surya Bhushan, H. K. Chaurasia, Amitesh Kumar Singh, Ritesh Dube, Pragatika Mishra, Rajnish Prasad Rajesh and A. P. Thakur)		
News letter			
Electronic Publication (CD/DVD etc)			
TOTAL			

D. Details of HRD programmes undergone by KVK personnel

Sl. No.	Name of KVK personnel	designation	Name of course/training program attended	Date	Duration (Days)	Organizer/Venue
1.	Dr. Satish Kumar	SMS (A. Sc.)	Vermiculture - Jai Gopal	17 - 18.05.2024	2	ICAR - IVRI, Bareilly
2.	Dr. H. K. Chaurasia	SMS (Hort.)	OFT Finalization Workshop	6 - 7.6.2024	2	ICAR - ATARI, Patna
3.	Dr. Surya Bhushan	SMS (PP)	OFT Finalization Workshop	14 -15.6.2024	2	ICAR - ATARI, Patna
4.	Dr. Satish Kumar	SMS (A. Sc.)	OFT Finalization Workshop	27 - 28.6.2024	2	ICAR - ATARI, Patna
5.	Dr. Pragatika Mishra	SMS (H. Sc.)	Millet Processing	25-27.06.2024	3	NIT, Rourkela (Odisha)
6.	Dr. H. K. Chaurasia	SMS (Hort.)	Regional Consultation on Science of Natural Farming	19.07.2024	1	Department of Agriculture & Farmers Welfare
7.	Dr. Pragatika Mishra	SMS (H. Sc.)	Action plan workshop	23-24.07.2024	2	ICAR - ATARI, Patna
8.	Dr. Ritesh Dube	SMS (Ag. Ext.)	Action plan workshop	23-24.07.2024	2	ICAR - ATARI, Patna
9.	Dr. Ritesh Dube	SMS (Ag. Ext.)	21 Days Summer School online mode	15.08.2024 to 04.09.2024	21	Agrimeet Foundation, Kanpur (U.P.)

E. Awards/Recognition

Institutional Award received by KVK

Sl. No.	Name of KVK	Name of the Award	Value (In Amount/kind)	Achievement	Conferring Authority
1.	GVT-KVK, Godda	2nd Award for stall depicting various technologies in Pusa Krishi Vigyan Mela 2024 at Simdega	Certificate	Depicting various technologies related to Agriculture & Allied Activities	ICAR – IARI, New Delhi
2.	GVT-KVK, Godda	Award for Revolving Fund	Certificate	Award for Revolving Fund	ICAR – ATARI, Patna
2.	GVT-KVK, Godda	Award for NICRA Project	Certificate	Climate Resilient Agriculture	ICAR – ATARI, Patna

Award received by KVK Scientists

Sl.	Name of KVK personnel	Name of the Award	Value (In Amount/kind)	Achievement	Conferring Authority
1.	Dr. Ritesh Dube	Best KVK Scientist Award	-	Extension Education	Deptt. of Extension Education, I. Ag. Sc., BHU, Varanasi, U.P.

Award received by Farmers

Sl.	Name of KVK	Name of the Farmer	Name of the Award	Address	Contact No.	Value (In Amount/kind)	Achievement	Conferring Authority
1.	GVT – KVK, Godda	Sri Dinesh Singh	Progressive Farmer Award	Village – Garhi, Block - Pauriahaat	7488389101	--	Progressive Farmer Award for Climate Resilient Agriculture	BAU, Ranchi

3.7. TECHNOLOGY DEVLOPMENT

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

Sl. No.	Name/ Title of the technology	Brief details of the Innovative Technology	Impact of the technology	Status of commercialization/Patent

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

Sl. No.	Enterprise	Brief details of the ITK Practiced	Purpose/Impact of ITK	Impact of the technology
1.	Cattle	Camphor + ghee + roasted brinjal	Management of FMD disease	It is found as effective as application of Streptopenicillin in the management of FMD with low cost.
2.	Livestock	Camphor + neem oil + Mahua seed oil	Management of skin disease	Application of Camphor + neem oil + Mahua seed oil reduced satisfactorily the skin disease.

Give details of by the farmer (if Any)

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)

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

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed
A) For group or Organization	These methods exactly are used by GVT – Krishi Vigyan Kendra, Godda in	To analyze the training needs of the farmers and rural youth.

1. Organizational goals and objectives 2. Personnel/skill inventories 3. Organizational climate indices 4. Efficiency indices 5. Exit interviews 6. MBO or work planning system 7. Quality circle 8. Satisfaction data 9. Consideration of current and projected changes B) Methods used for assessing the training need of individuals: 1. Performance appraisal 2. Interviews 3. Questionnaires 4. Attitude survey 5. Training progress 6. Rating scales 7. Observation of behaviour	facilitating the processes of training need assessment. Training needs assessment only helps the trainers to decide on training curriculum, content, methods, techniques of training, evaluation and outcome so as to make the training programme complete and successful	

4. IMPACT

A. Impact of KVK activities/ large-scale adoption of technology

Name of specific area	Brief details of the area	No. of farmers benefitted	Horizontal spread (in area/no.)	% Adoption	Impact of the technology in subjective terms	Impact of the technology in objective terms	Change in income (Rs.)	
							Before (Rs./Unit)	After (Rs./Unit)
Seed production technology of cereals and pulses	Paddy (Sahbhagi/Sabour Deep)	4000	1200 ha	60	Farmers related to NGO. Purchase F/S from KVK and follow norms of seed production with the support of KVK	Self-reliant in seed production	32524	47214
Medium duration paddy (Sahbhagi)	Drought tolerant paddy variety	3500	1000 ha	49.5	In mid land Sahbhagi is replacing other variety of paddy due to its drought tolerant character.	Getting more benefit of about 15 – 20 % even during drought situation	22586	44870
Nutritional garden	Seasonal vegetables during	1500	50 ha	45.0	Nutrition Garden is	It reduces the	--	89810

	Kharif and Rabi season				found to be effective to reduce Nutritional insecurity. It helps the Rural mass to full fill their nutritional requirements	disease illness 30 to 40% and the expenditure on fruits and vegetable by 80 to 90% .		
Hybrid broccoli	Broccoli	550	15 ha	30 - 35	Before five years it was understood as defective cauliflower but now it became very popular nutritive cole crops.	About 10-15 % area of cauliflower is replaced by broccoli.	--	125600
Seed treatment	Seed treatment with fungicides	6500	5000 ha	70	Seed treatment save the crops from seed borne diseases.	About 8 – 10% yield increased by minimizing seed borne diseases.	38200	41638
Weed management (herbicides)	Weed management in paddy/mustard/ wheat through herbicides	5500	2500 ha	45.4	Weed management in paddy and other crops by herbicides saved labour charge.	It increases the yield by 10 – 15%	104500	120920
Azolla as a cattle feed	During summer when green fodder is not available it is the best source of green fodder.	1500	1500 HH	53.0	It is one of the best substitutes of green fodder for the milch cattle.	It is helpful in increasing the milk by around 08 - 12%.	3700	4950
Ole based multilayer vegetable cultivation	Farmers grow elephant foot yam and cucurbits in same piece of land by erecting a machan	6500	121.0 ha	60 - 65	Cultivation of elephant foot yam + cucurbits in same piece of land save land, labour and capital and judicious use of inputs.	BC ratio is found 3 times more in comparison to sole crop.	140500	516720
Bio pesticide (*Trichoderma /Neem based formulation*)	Fusarium/Bacterial wilt is common disease in pulses and solanaceous vegetables. Application of Trichoderma is	4000	1800 ha		The bio-pesticides are used to minimize the negative impact of chemicals.	It was able to reduce the wilt incidence in solanaceous	100140	240800

	found beneficial in managing his diseases. Neem based formulation is used in paddy/pigeonpea /vegetables against insect pests.				The farmers are also aware about this.	vegetables by 75 – 80%. The reason behind less adoption is unavailability of Trichoderma in local market		
Wheat (Sabour Nirjal)	Wheat variety Sabour Nirjal is provided to the famers through different programmes of KVK and available for sale during season.	850	400 ha	30 - 35	Wheat variety Sabour Nirjal requires less irrigation so it is spreading fastly among the wheat grower.	It performed better under less irrigation and yield is recorded 36 q/ha	34200	37530
Mustard (Pusa Mahak/Pusa - 28)	Mustard variety Pusa Mahak/Pusa Mustard – 28 is provided to the farmers through CFLD and available for sale during season.	18450	7000 ha	70.0	Here paddy is harvested during the 2nd fortnight of November and onwards. In this situation it performed well.	Yield is recorded 20 – 25% more in comparison to local ones.	48940	52450
Pig (Jharsuk)	Among ST dominated area Pig breed Jharsuk was provided through FLD and farmers also purchase from KVK	550	1500 No.	51.5	During a defined period, it body weight is found more and it is tolerant to various diseases.	50 – 60% more body weight is observed so farmers got more benefit	12500	14800

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

B. Details of entrepreneurship/startup developed by KVK

Name of the entrepreneur/ Name of the enterprise/firm	Kalika Prasad Mahto, Kalika Poultry Feed Mixer Unit
Registered address of the entrepreneur/firm	Vill-Bhatdiha, Block-Godda, Ph. 9939299209
Year of establishment	June, 2020 with the capacity 100 Kg feed/day
Type of Enterprise	Small
Registration details	Applied
No of members associated	05
Technical components of the enterprise (with commodity)	Poultry Feed Mixer Unit having capacity 100 Kg feed/day
Annual Income/revenue of the enterprise	Rs. 300000/year
Role of KVK/Technology backstopping	GVT – KVK, Godda has been awarded ASCI training programme on Small

(quantitative data support)	Poultry Farmer during the year 2018 – 19. Kalika Prasad Mahto was one of the trainees. Before attending the training programme of ASCI he also attended the training programme of practicing farmer on Animal Science and vocation al training of RY on the topic Poultry farming. Thus, KVK has provided him about 05 training programmes. Besides that, he was always in contact with the SMS (Animal Science) for technical knowhow of poultry feed mixer unit. He started his entrepreneurship with the technical guidance of GVT – KVK, Godda.
Period/Timeline of the entrepreneurship development	He became determined to set up the poultry feed mixer unit during the year 2018 – 19 after getting the ASCI training. Again, he started to collect the knowledge about the ingredients of feed mixer, civil work, and machine for the unit. He contacted the supplier of Kolkata and Patna. Finally, he set up the unit during the month of June, 2020 with the capacity 100 Kg feed/day
Economic and Social status of entrepreneur before and after the enterprise	Before joining the training programme, he was unemployed. He was struggling for his bread and butter. He was dependent on his parents for his need. In his neighbouring villages there were poultry farmers and during discussion with them he knew that the feed is costlier and due to this the net profit of poultry farmer is less as it is told or written in literature. After getting training of ASCI he decided to set up the feed mixer unit. But the problem was lack of capital. He became a member of FPC from where he borrowed loan of Rs. 15000/- for raw material. He purchased second hand mixer from Haryana on credit. This way his dream became true. He started the unit with 100 Kg/day. During early days he demonstrated his feed among various poultry farms with free of cost to win their faith. That time his net income of a day was Rs. 200/-. Presently he is preparing about 500 Kg/day and his net income of a day is Rs. 750/-. After becoming the member of FPC the farmer associated with poultry farming become purchaser as the input requirement of FPC members provided by FPC by requirement of feeds by consolidating individual requirement. Thus day by day requirement of poultry farmers increased as base of farmers is increasing in FPC. He is happy with his earning and his life turned and he is presently known as a successful entrepreneur in his field.
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Maize is a major raw material which is easily available in nearby villages. Soybean oil and soybean cake is brought from Patna. There is facility of transport for it. Cheap labour is also available here. In Godda district there is about 750 – 1000 poultry farm unit. All need feed. Presently very few entrepreneurs are in the district in this field, so there is no problem of market. He has also provided an employment of one person for whole year. The economic viability of the unit is as below: Total cost of running the unit/year (labour, diesel, maintenance etc.): Rs. 75000/- Total feed prepared in a year: 1500 q Gross Income: Rs. 300000/year Net Income: Rs. 225000/-
Major achievements	His work is recognized by BAU, Ranchi and he has been awarded with the title Birsa Smart Farmer. Presently he is running is business successfully with net return of about Rs. 225000/year,
Major constrains	Availability of raw material
Images/Imp Documents	

C. Success stories/Case studies, if any

Success Story - 1

1. Personal information

1.	Name of the farmer/ entrepreneur	Smt. Anjali Devi
2.	Date of Birth	08.09.1990
3.	Education	9th
4.	Farming Experience/ Experience in enterprise	8 years
5.	Cell no./ e-mail	8002311753
6.	Full address	Village – Jitpur, Block – Pauriahaat, District – Godda
7.	Professional membership (Farmer club/SHG/ATMA/etc.)	SHG
8.	Major achievement of the farmers	House wife to SHG leader
9.	Awards received	No

2. Professional Information

1.	Title of the success story/case study
	Happiness & Prosperity through Cultivation of Groundnut
2.	Situation analysis/Problem statement (What prompted this initiative? What was the problem that needed to be addressed?)
	Less yield and income through cultivation of groundnut. She visited KVK in search of HYV of groundnut and narrated her problem. After that KVK team visited her village and on the basis of different extension tools like transect walk, PRA and accordingly opportunity and issue analysis was conducted after SWOT analysis KVK planned to demonstrate the package of technology based on technological gap of groundnut for solving her problem.
3.	Plan, Implement and Support/KVK Intervention(s): (Describe what systems of extension have done to address the challenge. What technology/ technical knowledge being used? How were different agencies engaged in or consulted in the extension process? - Who, What, How)
	She has been selected for the demonstration of groundnut. Training programme was organized in the KVK and she participated in it. Soil testing was done before conducting demonstration. The pH, EC and OC% of the soil was 5.96, 0.39 dsm^{-1} and 0.58%, respectively and the available NPKS status of the soil was 282.35 Kg ha^{-1}, 18.45 Kg ha^{-1},140.23 Kg ha^{-1} and 11.54 Kg ha^{-1}, respectively. FYM was applied @75 q/ha. On the basis of soil testing 25:50:20:20 NPKS was applied in the field. The variety used in the demonstration was K-1812. Seed was treated with carbendazim 50 WP was sown in line with the spacing of 45 x 15 cm. Intercultural operation and earthing up was carried out during 35 - 40 DAS. Boron 20% and Sulphur was also applied in the field. Imidacloprid 17.8 SL (1 ml/3lit. Water) and Lambdacyhalothrin 5EC (1 ml/lit. Water) was applied to manage the Bihar hairy caterpillar and leaf miner. Carbendazim 12 % + Mancozeb 63 % WP (1.5 g/lit of water) was sprayed to manage the Tikka disease.
4.	Details of Practices followed by the farmer
	The farmer used to cultivate Dharni variety of groundnut without maintaining proper spacing. Farmyard manures were applied @ 50 q/ha. The dose of fertilizer was applied 25:25:0 (N:P:K) without soil testing. Interculture operation and earthing up was not conducted properly. Application of pesticides was not conducted at proper time. The yield was obtained 9.8 q/ha under farmer practice.
5.	Results/ Output (economical/ social/ etc.) (Key results/ Insight/ Interesting fact- initial, intermediate, or long-term outcome)

Particulars	Variety	Avg. Yield (q/ha)	Gross Cost (Rs./ha)	Gross Return (Rs./ha)	Net Return (Rs./ha)	BC Ratio
Farmers Field	Dharni	9.8	51200	68600	17400	1.34:1
Demonstration plot	K - 1812	17.4	58400	121800	63400	2.08:1
Increase in yield (%)		77.55				

6.	Impact/ Outcome: (Determine the HIGHEST level of impact the program had on individuals, families,

groups and/or society- Provide a short summary of the actual change (on knowledge, attitude, skills, practice, or policy) that took place. Provide quantitative measures, where possible and use simple graphs or tables to illustrate a point.) *(50–100 words)*

She was cultivating groundnut with the variety Dharni since last 03 years but their yield was not satisfactory. Demonstration of the variety K – 1812 of crop groundnut was conducted first time by the KVK in the district, therefore, their horizontal spread will come out in coming years. Earlier the demonstration of groundnut variety K – 6 was conducted and its horizontal spread is in about 250 ha. Rate of adoption of technology is about 65 – 70 per cent. The year wise yield data of the groundnut is as below:

Year	Farmers Practice	Yield (Q/ha)
2021	Variety: Dharni, FYM: 50 q/ha, Fertilizer: 25:25:0 (NPK Kg/ha), No proper spacing and plant protection measures	9.9
2022		9.6
2023		9.8
2024	Demonstration by KVK (FYM @75 q/ha. On the basis of soil testing 25:50:20:20 NPKS was applied in the field. Var.: K-1812. Seed was treated with carbendazim 50 WP was sown in line with the spacing of 45 x 15 cm. Intercultural operation and earthing up was carried out during 35 - 40 DAS. Boron 20% and Sulphur was also applied in the field. Imidacloprid 17.8 SL (1 ml/3lit. Water) and Lambdacyhalothrin 5EC (1 ml/lit. Water) was applied to manage the Bihar hairy caterpillar and leaf miner. Carbendazim 12 % + Mancozeb 63 % WP (1.5 g/lit of water) was sprayed to manage the Tikka disease.	17.4

Impact on knowledge/skill

Knowledge about spacing, seed treatment, nutrient management, earthing up etc. This technology application helped in increasing the yield and she became satisfied

7. Future plans

Her future plan is to increase the area of groundnut and to motivate other farmers to connect with KVK for benefit and also planned for value addition product of groundnut by involving SHG members.

8. Supporting Images

3. Economic Information

Enterprise	Gross Income (annual)	Net income	Cost-Benefit ratio
Groundnut cultivation	121800/ha	63400/ha	2.08:1

Success Story - 2

4. Personal information

1.	Name of the farmer/ entrepreneur	Smt. Mary Soren

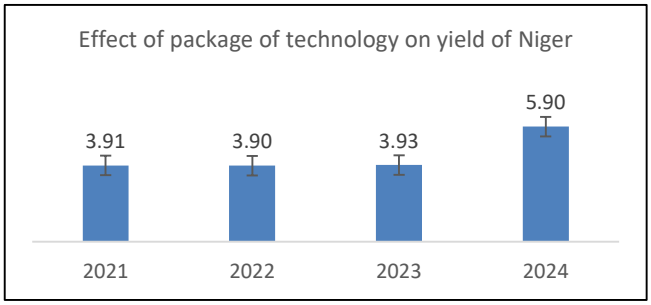
2.	Date of Birth	18.01.1993
3.	Education	10^{th}
4.	Farming Experience/ Experience in enterprise	08
5.	Cell no./ e-mail	7903354401
6.	Full address	Village – Borwa, Block – Sunderpahari, District – Godda.
7.	Professional membership (Farmer club/SHG/ATMA/etc.)	SHG
8.	Major achievement of the farmers	House wife to the master trainer of EFICOR
9.	Awards received	No

5. Professional Information

1.	Title of the success story/case study
	Niger Triumph Against Adversity
2.	Situation analysis/Problem statement (What prompted this initiative? What was the problem that needed to be addressed?)
	Smt. Mary Soren has 01 ha upland and it remains fallow every year. Therefore, on the recommendation of another farmer she visited KVK to know the crops suitable for upland if the rainfall become less and to know what type of help KVK may provide. Then KVK team organized a meeting with the farmers in the form of Kisan Gosthi and listened their problems. Majority of the farmers revealed about fallow situation of their up-land area specially. KVK members also made a transect walk and found that upland area has no water catchment and during dry spell their paddy crop became failed in the year when rainfall became scarce. After discussing with farmers plan of crops having less water requirement and came to conclusion about the cultivation of niger whose CFLD programme was sanctioned to KVK. Some of the farmers of the village were used to cultivate niger but due to improper practice their yield was very low. The farmers also became to agree to grow niger in upland.
3.	Plan, Implement and Support/KVK Intervention(s): (Describe what systems of extension have done to address the challenge. What technology/ technical knowledge being used? How were different agencies engaged in or consulted in the extension process? - Who, What, How)
	During the visit of Smt. Manjhan Murmu in KVK to solve her problem it came to knowledge that she is in contact with a Kisan Mitra of ATMA, Godda. Then KVK contacted that Kisan Mitra and with his help a training programme on Cultivation of niger in upland situation was organized. During training programme, it came to notice that like her there were many farmers whose upland remains fallow. It was told that niger is suitable for upland and it is contingent crop. Farmers become ready but the problem was availability of seed. Some farmers were cultivating niger having low yield. A cluster was formed with neighbouring villages for CFLD of niger. Soil testing was done before conducting demonstration. The pH, EC and OC% of the soil was 6.10, 0.42 dsm^{-1} and 0.52%, respectively and the available NPKS status of the soil was 280.32 Kg ha^{-1}, 15.51 Kg ha^{-1},150.25 Kg ha^{-1} and 11.68 Kg ha^{-1}, respectively. FYM was applied @50 q/ha. NPKS was applied @20:20:20:15 Kg/ha in the field. Seed was treated with carbendazim 50 WP was sown in line with the spacing of 30 x 15 cm. Intercultural operation was carried out during 20 - 25 DAS. Boron 20% and Sulphur was also applied in the field. Lambdacyhalothrin 5EC (1 ml/lit. Water) was applied to manage the Bihar hairy caterpillar and capsule fly. Wettable sulphur 80 WP was sprayed to manage the Powdery mildew disease.
4.	Details of Practices followed by the farmer
	The farmer used to cultivate local variety of sarguja without maintaining proper spacing. The farmyard manure was applied @ 20 – 25 q/ha. The dose of fertilizer was applied 20:10:0 (N:P:K) without soil testing. Interculture operation was not conducted properly. Plant protection measures was not applied. The yield was obtained 3.96 q/ha under farmer practice.
5.	Results/ Output (economical/ social/ etc.) (Key results/ Insight/ Interesting fact- initial, intermediate, or long-term outcome)

Particulars	Variety	Avg. Yield (q/ha)	Gross Cost (Rs./ha)	Gross Return (Rs./ha)	Net Return (Rs./ha)	BC Ratio
Farmers Field	Local Sarguja	3.96	23700	35640	11940	1.50:1
Demonstration plot	Birsa Niger- 1	5.90	28800	53100	24300	1.84:1
Increase in yield (%)		48.99				

6. Impact/ Outcome: (Determine the HIGHEST level of impact the program had on individuals, families, groups and/or society- Provide a short summary of the actual change (on knowledge, attitude, skills, practice, or policy) that took place. Provide quantitative measures, where possible and use simple graphs or tables to illustrate a point.) *(50–100 words)*



Before 2024 farmers were cultivating Niger by their own method but during 2024 KVK demonstrated full package of technology of Niger and it depicted the yield

Birsa Niger – 1 variety of niger is well suited to the microclimate of the district specially in the Sunderpahari and Boarijore block. Demonstration of the variety Birsa Niger - 1 has been conducted in previous years also. This particular variety is cultivated in an area of about 300 – 400 ha. Rate of adoption of technology is about 65 – 70 per cent.

7. Future plans

Her future plan is to increase the area of niger and to motivate other farmers to connect with KVK for benefit and plan to form niger based group and establish oil extraction unit for realization of batter price of niger.

8. Supporting Images

6. Economic Information

Enterprise	Gross Income (annual)	Net income	Cost-Benefit ratio
Niger cultivation	53100/ha	24300/ha	1.84:1

5. LINKAGES

5.1. Functional linkage with different organizations

S.No	Name of organization	Nature of linkage
1.	Indian Bank, Godda	Local Advisory Committee meeting of RSETI, Godda DLBC meeting of Allahabad Bank
2.	ATMA, Godda, Godda	GB Meeting of ATMA, Godda, Joint visit of farmers' field, Training, demonstration, assessment technology, Kisan Gosti, Kisan Mela, Krishak Pathsala etc.
3.	Agriculture Deptt, Godda	Meeting of district level monitoring committee Task force meeting,

		NMOOP, NFSM, Seed production etc.
4.	DRDA, Godda	Resource Person's Panel interview meeting, Training, NITI Ayog meeting
5.	Birsa Agricultural University, Ranchi, ICAR-RCER, Plandu, Ranchi	Input and Technical support
6.	BAU, Sabour, Bhagalpur (Bihar)	Input and Technical support
7.	Gramin Vikas Trust, Ranchi	Infrastructure review and monitoring
8.	NABARD, Godda	Implementation of different programme, Backyard poultry under RIF, Farmers' club formation, Formation of FPO, technical backstopping for different programme, IWMS. Upscaling of finger Millet
9.	JTDS/JSLPS, Godda	Training, Technical support
10.	PRADAN/Word Vision (NGO), Godda	Training, technical support
11.	District Fisheries Deptt.	Training, Member in district level committee for action plan preparation PM Matasya Sampada Yojna
12.	District Animal Husbandry Deptt.	Training & vet. camp
13.	Soil conservation	Training & technical support
14.	Forest department	Skill development, technology transfer

5.2. Details of Externally funded project & Programmes during 2024 (Eg. ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies) (information of previous years should not be provided)

a) Programmes for infrastructure development

Name of the programme/ scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)
Maintenance of soil testing lab	Strengthening of soil testing lab	December, 2024	DAO, Godda	7.00

(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. In lakh)
Upscaling of finger millet cultivation in Godda district and Seed production	Demonstration and Seed production	April, 2024	NABARD	7.00
Training Programme	Skill Development	July, 2024	NABARD, BRLF, EFICOR, Medha Dairy	2.3186
Farmers Scientist Interaction	Farmers Scientist Interaction	Sept., 2024	ATMA, Godda	0.40
Exposure Visit	Awareness among farmers	Sept., 2024	ATMA, Godda	0.15

6. PERFORMANCE INDICATORS

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

Sl. No.	Name of demo Unit	Year of estt.	Area (Sq.mt)	Details of production			Amount (Rs.)		Remarks
				Variety /breed	Produce	Qty.	Cost of inputs	Gross income	
1.	Goatry unit	2013-14	150	Black Bengal	Kids	15	26400	45000	Funded by ICAR
2.	Pig unit	2012-13	320	Jharsuk	Piglets	30	50000	99000	Funded by GVT

3.	Mushroom unit	2024-25	24	Oyster/ Button	Mushroom	150 bags	3750	11250	Created through TSP capital Funded by ICAR – ATARI, Patna
4.	Poultry unit	2024-25	32	Sonali	Chicks	500	15500	20000	Created through TSP capital Funded by ICAR – ATARI, Patna
5.	Duck Unit	2024-25	40	Khaki Campb ell	Duckling	200	8500	10000	Created through TSP capital Funded by ICAR – ATARI, Patna
6.	Aquaculture	2006-07	2400	Rohu, Katla, Mrigal	Fish	0.9375 q	12000	15000	Funded by ICAR
7.									
	Total								

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Mustard	20.10.2023	18.02.2024	1.0	BBM - 1	F/S	7.00	33900	70000	
Wheat	05.11.2023	11.04.2024	1.2	Sabour Nirjal	F/S	42.0	62640	184800	
Linseed	02.11.2023	01.03.2024	0.4	ST - 1	F/S	3.0	11000	21000	
K Niger	25.08.2024	05.12.2024	0.2	JS - 28	F/S	0.34	2400	3570	
K Paddy	20.07.2024	22.11.2024	2.0	Sahbhagi/ Sabour Deep	F/S	70	146400	294000	
K Finger millet	30.07.2024	18.11.2024	1.2	A - 404	F/S	13	35700	65000	
K Elephant foot yam	25.06.2024	25.12.2024	0.1	Gajendra	T/L	25	54900	87500	
S Cowpea	28.02.2024	18.06.2024	0.01	Swarna Mukut	T/L	0.125	3750	6250	
Brinjal	20.10.2023	15.02.2024	0.01	Swarna Pratibha	F/S	0.79	32500	47900	

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.	Vermicompost	900	2160	7200	
2.	Beejamrit	600	2800	6000	
3.	Jeevamrit	1000	3500	10000	
4.					

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.	Goatry unit	Black Bengal	Kids	15	26400	45000	
2.	Pig unit	Jharsuk	Piglets	30	50000	99000	
3.	Poultry unit	Sonali	Chicks	500	15500	20000	
4.	Duck Unit	Khaki Campbell	Duckling	500	8500	10000	
5.	Aquaculture	Rohu, Katla, Mrigal	Fish	200	12000	15000	

6.5. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
28.08.2021	IMD	Functioning properly

6.6. Utilization of hostel facilities

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
January	106	14	
February	223	17	
March	970	25	
April	66	03	
May	20	25	
June	130	04	
July	214	06	
August	125	11	
September	361	20	
October	25	05	
November	50	02	
December	25	05	
Total	2315	137	

(For whole of the year)

6.7 Utilization of staff quarters

- **Whether staff quarters have been completed: Completed**
- **No. of staff quarters: 06**
- **Date of completion: 2009**
- **Occupancy details:**

Months	Q I	QII	Q III	QIV	Q V	QVI
	Fully occupied during the whole year					

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
With Host Institute	State Bank of India	CMPDI, Ranchi, Jharkhand	30064160922
With KVK	State Bank of India	Godda, Jharkhand	11093460763
With KVK	IDBI, Godda	Godda, Jharkhand	1315104000099475
With KVK	IDBI, Godda	Godda, Jharkhand	1315104000099484
With KVK	IDBI, Godda	Godda, Jharkhand	1315104000004718
With KVK	IDBI, Godda	Godda, Jharkhand	1315104000018629
With KVK	IDBI, Godda	Godda, Jharkhand	1315104000002578

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

2023-24

Item	Released by ICAR		Expenditure		Unspent balance as on -
	Kharif	Rabi	Kharif	Rabi	
Critical Inputs					
TA/DA/POL etc.					
Extension Activities		340000		339796	204
Publication of literature					

2024-25

Item	Released by ICAR		Expenditure		Unspent balance as on -
	Kharif	Rabi	Kharif	Rabi	
Critical Inputs					
TA/DA/POL etc.					
Extension Activities	2840000	2120000	2716000	1607000	637000
Publication of literature					

7.3. Utilization of funds under CFLD on Pulses *(Rs. In Lakhs)* 2023 – 24

Item	Released by ICAR		Expenditure		Unspent balance as on
	Kharif	Rabi	Kharif	Rabi	
Critical Inputs					
TA/DA/POL etc.					
Extension Activities	360000	180000	359493	179560	440
Publication of literature					

7.4. Utilization of KVK funds during the year 2024 - 25 (Rs. In lakh Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances		170.96	149.47
2	Traveling allowances	1.0		0.75
3	Contingencies			
A	HRD	0.25	5.88	0.10
B	Stationery and Office Expenses	3.14		3.10
C	Training of farmers (General)	1.57		1.50
D	OFT (General)	0.39		0.408
E	FLD (General)	0.80		0.62
F	Maintenance of building (General)	0.30		0.30
G	Exhibition and Kisan Mela (General)	0.40		0.25
H	TSP (General)	12.0	11.88	7.10
I	SCSP (General)	4.00	3.19	2.28
J	Swachhta Expenditure	0.40	0.40	0.25
TOTAL (A)		24.25	192.31	166.128
B. Non-Recurring Contingencies				
1	TSP (Capital)	10.00	10.00	6.00
2	SCSP (Capital)	2.00	1.53	1.50
3				
4				
TOTAL (B)		12.00	11.53	7.50
C. REVOLVING FUND		0	0	0
GRAND TOTAL (A+B+C)		36.25	203.84	173.628

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2021 - 22	84.98	44.59	20.72	108.86
2022 - 23	108.86	31.09	19.67	120.28
2023 - 24	120.28	4.85	16.05	109.08

7.6. (i) Number of SHGs formed by KVKs: 20

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

- Value addition of Local produce (Pickles)
- Seed production of Paddy, Mustard & Pigeon pea
- Stitching & Embroidery
- Mushroom Cultivation
- Kitchen Gardening (Poshan Vatika)
- Vermicomposting
- Poultry production
- Rice puff
- Mechanization in agriculture
- Sattu, etc.

(iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activity	Season	With line department	With ATMA	With both
Exposure Visit of farmers (Integrated Farming)	5	Rabi	-	ATMA, Godda	
Horticultural Management training	1	Summer	Dept of Horticulture		
Feed & Nutrition Management training	1	Rabi	JSLPS		
Visit of NFSM demonstration	8	Kharif & Rabi	.	ATMA, Godda	
Kharif & Rabi workshop	11	Kharif & Rabi	Dept. of Agriculture		
Kisan mela	2				Both
Kisan choupal	14	Kharif & Rabi	Dept. of Agriculture		
Paddy procurement	4		District supply and district administration		
Aspirational district meeting (NITI Aayog)	12		District administration		
District level data on agriculture bankers committee meeting	4		District administration and LDM		
Training of SHGs and FPOs, business plan etc.	5		NABARD		

7.8 Revenue generation

Sl.No.	Name of Head	Income (Rs. In lakh)	Sponsoring agency
1.	Institutional Charges	0.50	ATMA Godda, NABARD, JTDS Godda and other agencies
2.	Input sales (Seeds, Planting Materials, and Animal Produces etc.)	4.25	Different KVKs of the state, Different NGOs within and outside the state, ATMA, Godda, DHO, Godda and others
3.	Income by soil testing lab	1.32	Various farmers/FLD and others

7.9 Resource Generation

Sl. No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
1.	➢ Upscaling of finger millet cultivation in Godda district	Upscaling of finger millet cultivation in Godda district and Seed production	NABARD	3.00	
2.	Scientist farmers interaction	Scientist farmers interaction	ATMA, Godda	0.4	
3.	Skill development training (Garden Keeper)	Skill development training	ICAR (ASCI)	2.405	
4.	NRM and Climate resilient agriculture	NRM and Climate resilient agriculture	NICRA	13.50	
5.	Strengthening of soil testing laboratory	Soil testing laboratory and issuance of SHC	DoA, Godda	7.00	

8. MISCELLANEOUS INFORMATION

8.1. Prevalent diseases in Crops: NA

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)

8.2. Prevalent diseases in Livestock/Fishery: NA

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

8.3. Nehru Yuva Kendra (NYK) Training: NA

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

8.6 Details of '*Pre-Rabi Campaign*' Programme: NA

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

8.7 . Viksit Bharat Sankalp Yatra

Sl.	No of events attended	No. of Gram Panchayat covered	Total no of farmer participated	No of Lecture Delivered on Soil Health/ Natural Farming
1.	71	71	23845	71

8.8. Contingent crop planning: NA

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

8.9 Information on Visit of VIP/Ministers/ MP/MLA/DM/VC/Zila Parishad/Other Head of Organization/Foreigners/other Dignitaries to KVKs, if any

Date of Visit	Name of Hon'ble Minister/Other	Name of Ministry/Other	Salient points in his/ her observation (2-3 bulleted points)
29.02.2024	Sri S. K. Jahagirdar	CGM, NABARD, Jharkhand	Extend support to FPC
	Sri Gautam Kumar Singh	GM, NABARD, Jharkhand	Show path to the farmers of Godda
13.03.2024	Dr. H. S. Gupta	Ex PCCF, Jharkhand	Appreciated the work
	Sri Maun Prakash	DFO, Godda	Appreciated the work
14.07.2024	Smt. Deepika Pandey Singh	Minister, Deptt. of Agriculture, AH and Cooperative, Govt. of Jharkhand	Work for the betterment of the farmers of Godda district.
29.07.2024	Sri P. R. Jha	DGM, NABARD, Jharkhand	Good work in seed production
	Smt. Sweta Kumari	AGM, NABARD, Jharkhand	
	Ravi Shankar	DDM, NABARD, Gumla	Trials on farmers field
	Anand Kumar	DDM, NABARD, Deoghar	The work of KVK, Godda should be replicated in other district also.
	Ashutosh Prakash	DDM, NABARD, Giridih	Appreciated the work
	Prem Kumar	DDM, NABARD, Pakur	Appreciated the work
	Sri Gautam Kumar Singh	GM, NABARD, Jharkhand	Try to change the life of rural population
	Sri S. K. Jahagirdar	CGM, NABARD, Jharkhand	Path breaking extension work in the area of cultivation and processing of millets
	Sri Gaurav Kumar	DGM, NABARD, Jharkhand	Try to increase the income of farming community
07.09.2024	Sri Manas Mandal	Programme Officer, BRLF, Jharkhand	More skill development training for small and marginal farmers.
29.11.2024	Dr. Amrendra Kumar	PS, ICAR – ATARI, Zone – IV, Patna	Area and nos. of farmers should be large under FLD programme SMS Animal Science should be well equipped with kits of animal urine, stool and others important examination during SAC meeting
29.11.2024	Sri Mukesh Kumar	DAO, Godda	Appreciated the work
29.11.2024	Sh. Asian Minj	DHO, Godda	Appreciated the work
29.11.2024	Smt Nutan Raj	DDM, Godda	Appreciated the work
29.11.2024	Shri C.K. Chauhan	LDM, Godda	Bankers should be invited during training programme
29.11.2024	Shri Somesh	DPM, JSLPS, Godda	JSLPS participants should be included in the training programme

8.10 Details of Scientific Advisory Committee (SAC) Meetings

Date	No of participants	Total statutory members present (sate line department)	Salient recommendations	Action Taken	If not, State reason
29.11.2024	45	17			
		Please see the Annexure - II			

**Salient recommendations of SAC in bullet points*

- Demand based training programme should be planned

- More focus on climate resilient crop
- IFS model should be established at KVK
- High value vegetable production should be taken in priority

Details of other meeting related to ATARI: NA

Date	Type of Meeting	Agenda	Representative from ATARI

9. Details of attachment training (RAWE/ FET for ARS/Others) through KVK: NA

Type of attachment	No of student trained	No of days stayed

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

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

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

Season	Village Covered (no.)	Block Covered (no.)	District Covered (No.)	Respondent (no.)	Trial Name	Area covered (ha)	Name of Crop	Technology Options	Variety name	Duration (Days)	Sowing date	Harvesting date	Days of Maturity	Grain Yield (q/ha)	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	BCR

11.2 Details of Tribal Sub Plan (TSP)

a. Achievements of physical output under TSP

Sl.	Activities	Physical Achievement	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer	48	1108
b.	Women	12	286
c.	Rural Youths	08	224
d.	Extension Personnel	05	107
2)	OFT	No. of OFTs	No. of beneficiaries
		04	40
3)	FLD	No. of FLDs	No. of beneficiaries
		08	192
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
		35	203785
5)	Other activities		
a.	Participants in extension activities (No.)	2200	
b.	Production of seed (q)	45	

c.	Production of Planting material (No. in lakh)	1.10
d.	Production of Livestock strains (No. in lakh)	0.0003
e.	Production of fingerlings (No. in lakh)	00
f.	Testing of Soil, water, plant, manures samples (Nos.)	725
g.	Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)	Knapsack sprayer – 20, Gatoor sprayer – 20, Pump set – 20, Delivery pipe – 20, Seeder – 20, Improved sickle - 200
h.	No. of other programmes organized (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	28

b. Fund received under TSP in 2024-25 (Rs. In lakh): 22.00

c. Achievements of physical outcome under TSP during 2024

Sl. No.	Description	Unit	Achievements
1	Change in family income	%	17 - 20
2	Change in family consumption level	%	20 - 25
3	Change in availability of agricultural implements/ tools etc.	No. per household	Provided in groups

d. Location and Beneficiary Details during 2024

District	Sub-district	No. of Village covered	Name of village(s) covered	ST population benefitted (No.)		
				M	F	T
Godda	Godda and Mahgama	19	Barmasia, Digghi, Badgama, Rupuchak, Kasiatari, Markhan, Harkatta, Telni, Rajapokhar, Saraiya, Bodra, Fulbaria, Badadumarhill, Bakhada, Pipra, Ghatiyari, Kamardiha, Narayanpur, Beldiha	152	608	760

11.3. Details of Scheduled Caste Sub Plan (SCSP)

Sl.	Activities	Physical Achievement	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer	12	305
b.	Women	3	74
c.	Rural Youths	4	102
d.	Extension Personnel	5	126
2)	OFT	No. of OFTs	No. of beneficiaries
		0	0
3)	FLD	No. of FLDs	No. of beneficiaries
		10	290
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
		11	550
5)	Other activities		
a.	Participants in extension activities (No.)	1500	
b.	Production of seed (q)	48.0	

c.	Production of Planting material (No. in lakh)	0.0090
d.	Production of Livestock strains (No. in lakh)	0.015
e.	Production of fingerlings (No. in lakh)	00
FTSP	Testing of Soil, water, plant, manures samples (Nos.)	300

11.4. NICRA (Technology Demonstration component)

Overall achievements

Basic Information

KVKs Name	Districts data				NICRA Adopted village					
	RF (mm) district		Temperature ^{0}C		Dry spell/ drought			Intensive rain >60 mm	Flood	
	Normal	Received	Max.	Min.	> 10 days	> 15 days	> 20 days		Water depth (cm)	Duration (days)
Godda	1094.8	989.6	43.0	7.5	1			1	NA	

Performances of demonstration of in-situ moisture conservation technologies

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/ Unit	Yield (q/ ha)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR
FST – 1 (Rainfed without animal	Paddy Var.: Sahbhagi/Kharif	Farm Bund	47	19.6	34.9	34040	25290	1.74:1
FST – 2 (Rainfed with animal	Paddy Var.: Sahbhagi/Kharif	Farm Bund	37	15	35.1	34040	25630	1.75:1

Performances of water harvesting and recycling for supplemental irrigation

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/ Unit	Yield (q/ha)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR
FST – 4 (Irrigated with animal)	Wheat/Rabi	Community pond	35	17	36.5	36670	36330	1.99:1

Performance of ZTD in various crops: NA

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)	Yield (q/ha)	Economics of demonstration (Rs./ha)		
						Gross Cost	Net Return	BCR

Performance of artificial ground water recharge technologies demonstrated: NA

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/ Unit	Yield (q/ha)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR

Performance of different water saving irrigation methods: NA

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/ Unit	Yield (q/ha)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR

Rainwater harvesting structures developed

New (Nos.)	Renovated (Nos.)	Total	Storage capacity (cu m)	Protective irrigation potential (ha)	Cropping Intensity (%) increase
2	0	2	1125	125	165 - 170

Performance of different drought tolerant varieties

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/ Unit	Yield (q/ha)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR
FST – 1 & 2	Paddy/Kharif	Var.: Sahbhagi + Farm bund	47	19.6	34.9	34040	25290	1.74:1
	Finger millet/Kharif	Var.: A - 404	22	9.0	12.4	29360	20240	1.69:1
	Horse gram/Kharif	IK - 1	20	7.0	6.9	18507	6333	1.34:1
	Elephant foot yam/Kharif	Gajendra	20	2.0	202.3	197170	207430	2.05:1
	Linseed/Rabi	Sabour Tisi – 1 in residual moisture of paddy	25	8	7.80	22300	20600	1.92:1
FST - 4	Wheat/Rabi	Sabour Nirjal	35	17	36.5	36670	36330	1.99:1
	Mustard/Mustard	Pusa Mustard - 28	25	08	10.8	23540	30460	2.29:1

Performance of different short duration rice varieties

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/ Unit	Yield (q/ha)	Economics of demonstration (Rs/ha)		
						Gross	Net	BCR

						Cost	Return	
FST - 4	Paddy/Kharif	Sabour Deep + Farm bund	24	10	36.6	35840	26380	1.74

Performance of different flood tolerant varieties: NA

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/ Unit	Yield (q/ha)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR

Performance of advancement of planting dates in different crops

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/ Unit	Yield (q/ha)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR
FST - 4	Mustard/Rabi	Pusa Mustard - 28	25	08	10.8	23540	30460	2.29:1

Performances of water saving technologies for rice cultivation: NA

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/ Unit	Yield (q/ha))	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR

Integration of cropping system with other farming: NA

FST type	Crop / season (name)	Fodder quantity (dry/ green) utilized for livestock	No. of farmers	Area (ha)/ Unit	Yield (q/ha))	% of reduced fodder purchase from outside

Performance of Community nurseries: NA

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)	Coverage area (ha)	Economics of demonstration (Rs/ha)		
						CoC of nursery	NR from nursery	BCR
	Ragi							
	Paddy							
	Vegetable (name)							
	Others							

CoC: Cost of cultivation (Rs.); NR: Net return (Rs.); BCR: Benefit cost ratio

Performance of different location specific intercropping systems

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/ Unit	Yield (q/ha)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR

FST – 1 & 2	Elephant foot yam, Bitter gourd/Kharif	Elephant foot yam based multilayer vegetable cropping system	10	01	EFY 358 + bitter gourd 150	166400	496900	3.99:1

Performance of different crop diversification in NICRA villages

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)	Yield (q/ha)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR
FST - 4	Tomato/Rabi	Swarna Kanchan	15	01	232	66525	258275	4.88:1
	Brinjal/Rabi	Swarna Pratibha	15	01	262	68595	272005	4.96:1

Performance of other demonstration

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/ Unit	Yield (q/ha)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR
FST – 1 & FST - 2	Pigeonpea/Kharif	IPA – 203	22	09	9.0	30082	14018	1.47:1

Performance of different fodder demonstration in community lands: NA

FST type	**Crop / season (name)**	**Technology demonstrated**	**No. of farmers**	**Area (ha)/ Unit**	**Yield (q/ha)**	**Economics of demonstration (Rs/ha)**		
						Gross Cost	**Net Return**	**BCR**

Performance of improved fodder: NA

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/ Unit	Yield (q/ha)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR

Performance of various vaccination camps organized

FST	Type of animal and Month	Technology demonstrated	No. of farmers covered	No. of animal covered			
					Less 1 yr calf	Heifer	Adult
FST – 2 & FST - 4	Cattle in June' 2024	FMD	45	98	10	15	73
		HS					
		BQ					

For Goat/ sheep/ pig

FST	Type of animal and Month	Technology demonstrated	No. of farmers covered	No. of animal covered			
					Kid	Buck	Doe
FST – 2 & FST - 4	Goat/Nov	PPR	60	175	55	05	115
		Swine flue					
		FMD					

For poultry: NA

FST	Type of animal and Month	Technology demonstrated	No. of farmers covered	No. of animal covered			
					Chick (<9 weeks)	Growing chickens (9-20 week)	> 20 weeks
		Ranikhet disease					
		Bird flu					

Performance of fish in the ponds/ water bodies

FST	Fish species	Technology demonstrated with dose rate	No. of farmers	Area (ha)/ Unit	Fish yield (q/ha)	Economics of demonstration (Rs/ha)		
						CoC	NR	BCR
FST - 4	Rohu, Katla and Mrigal	Rohu, Katla and Mrigal	25	02	5 q	15000	65000	5.33:1

Performance of livestock demonstration in NICRA adopted villages (Buffalo/Cow)

FST type	Animal / season (name)	Technology demonstrated	No. of farmers	No. of animals/ unit	Milk yield (liters/ lactation)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR
FST - 2	Cow	Mineral Mixture	15	02	1150	15330	30670	3.00:1
FST - 4	Cow	Napier grass	10	02	1190	15500	32100	3.07:1

Performance of livestock demonstration in NICRA adopted villages (Goat/ sheep/ Pig)

FST type	Animal / season (name)	Technology demonstrated	No. of farmers	No. of animals/ unit	Body wt. (Kg/ animal)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR
FST - 2	Goat	PPR Vaccination + Feed management	15	35	7.2	1500	2820	2.88:1
FST - 2	Pig	Breed: Jharsuk	15	30	75	5125	8375	2.63:1

Performance of livestock demonstration in NICRA adopted villages (poultry)

FST type	Birds / season (variety/breed)	Technology demonstrated	No. of farmers	No. of birds/ unit	Body wt. (Kg / bird)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR
FST - 2	Duck	Khaki Campbell	10	100	142 eggs	730	122	1.17:1

Performance of improved shelters for poultry and dairy animals: NA

FST	Technology demonstrated	No. of farmers	Demo. Unit size (No.)	Survival rate		% Increase in survival	Economics (Rs. /ha)			
				Demo	Local		Gross Cost	Gross Return	Net Return	BCR

INSTITUTIONAL INTERVENTION

Name of KVK	Seed bank		Fodder bank	
	Crop with variety	Quantity in (q)	Fodder crop with variety	Quantity in (q)
Godda	Paddy Var.: Sahbhagi	24.6	NA	
	Paddy Var.: Sabour Deep	10	NA	
	Elephant foot yam Var.: Gajendra	10	NA	

Revenue generated through Custom Hiring Centres and VCRMC in KVKs

Name of KVK	Revenue Generated (Rs.)	
	From Custom Hiring Centres (2023-24)	Total under VCRMC
Godda	32950	105000

Extension Activities

Name of the activity	Number of Programmes	No. of beneficiaries		
		Male	Female	Total
Awareness Programme	02	21	39	60
Field day	01	20	10	30
Plant health clinic	01	20	10	30

Soil Health Card prepared and distributed

KVK	No. of soil samples collected	No. of samples analyzed	SHC issued	No. of farmers benefitted
Godda	45	45	45	45

Convergence Programme:

KVK	Development Scheme /Programme	Nature of work	Amount (Rs. In lakh)
Godda	Lift irrigation with solar pump	NRM	12.0
	Cows to BPL family Goat Shed	Livestock	52.17

Dignitaries visited NICRA Villages

Name of KVK	Name of VIPs/Experts	Date of visit
Godda	Smt. Nutan Raj, DDM NABARD, Godda	10.07.2024
	Sri Mukesh Kumar, DAO, Godda	05.08.2024
	Sri Rakesh Kr. Singh Dy Pd, Godda	25.10.2024

Newspaper Coverage: 02

Publication (Research Paper, Book, Technical bulletins Paper presented in national/ international seminars etc.): No

Success Stories (1-2 nos.)

1	Name	:	First name: Dinesh Middle Name: Surname: Singh		
2	Postal address	:	Vill. – Garhi, Block- Poraiyahat, Distt. - Godda (Jharkhand) Mobile: 7488389101		
3	Home town	:	Village: Garhi Taluk/Mandal: Poraiyahat	District: Godda State: Jharkhand	
4	Age	:	40		
5	Education	:	10^{th}		
6	Land holding (acres)	:	Irrigated: 1	Rainfed: 2	
7	Farming experience	:	Crops grown:	Area (acres)	Productivity (kg/acre)
			1 Paddy	1	1355
			2 Pigeon pea	0.875	396
			3 Finger Millet	0.5	620
			4 Napier grass	0.125	6000
			5 Wheat	1	1240
			6 Mustard	0.5	416
			7 Vegetables	0.5	6300
			8 Multilayer vegetable cropping system (Elephant Foot Yam + Bitter gourd)	0.5	14320 kg (EFY) + 6000 kg (Bitter gourd)
			Livestock (no.): 2 (Cow)		Poultry (no.): 0

			Small ruminants (no.): 0	Farm machinery available: 3
8	List the Rainfed/ Innovative farming technologies adopted	:	In situ water harvesting: Farm Bunding	
			Ex-situ water harvesting: Community Pond, Open well	
			Improved varieties: Paddy (Sahbhagi, Sabour Deep), Pigeonpea (IPA – 203), Finger millet (A – 404), Horse gram (IK – 1), Elephant foot yam (Gajendra), Mustard (PM – 28), Wheat (Sabour Nirjal), Black gram (PU – 31), Brinjal (Swarna Pratibha), Tomato (Swarna Kanchan), Napier grass as animal feed, Urea Mineral Molasses Block (UMMB) feed to cows and PPR vaccination to goats.	
			Farm machinery usage: Pump set, Sprayer, Weeder	
			Any other:	
9	Recognition Certificates, awards etc. already recieved) Received from (Name of the organization)	:	Got 1st prize in elephant foot yam category in district level Agrotech Kisan Mela – 2024.	
10	Description of innovation/ adopted technologies -Farm / Climate resilient practices (1 or 2 practices) Describe in not more than 100 words and attach separately/ photo of the innovation/adopted technology)	:	Elephant foot yam based multilayer vegetable cropping system Elephant foot yam (EFY) variety Gajendra was planted during the second fortnight of June at 75cm x 75cm spacing in the plot size of 1000m^2. A pit Size of 30 cm x 30 cm x 30 cm was dug out and 2 kg well decomposed cow manure was filled 3/4th of pit. 500 g cut tubers of elephant foot yam were treated with cow dung slurry (one kg of fresh cow dung in one litre of water) one day before planting on the pit and then filled the pit with the remaining soil and small mound was formed on the pit. The seeds (hybrid) of bitter gourd were sown in between two rows of main crop i.e. elephant foot yam at the recommended spacing for each crop. All the plots were fertilized with 150 Kg N, 100 Kg P_2O_5 and 150 Kg K_2O/ hectare. Half dose of nitrogen and potash and full dose of phosphorus were applied at the time of planting of main crop in pits and rest half of nitrogen and potash were applied after harvesting the bitter gourd i.e. at 95 days after planting (DAP). Recommended dose of fertilizer was also given to the bitter gourd as per schedule. All other cultural practices as per schedule for the cultivation of main crop (EFY) as well as bitter gourd crop were followed to raise healthy crop. Napier grass & Urea Molasses Mineral block (UMMB) feeding to cows Sri Dinesh Singh is rearing cow of local breed which milk production is low. To address this, capacity-building sessions on feed management, housing practices and disease prevention were provided to the farmers. Additionally, changes to the cows' feeding habits were necessary to improve their health and productivity. In response, GVT-KVK Godda introduced the use of UMMB mineral block and Napier grass as supplements to enhance milk production. KVK experts conducted regular visits to offer technical support and monitor progress. After a few months, milk yields reached 1,155 lit per year, with a selling price of ₹40 per lit.	
11	Process of innovation/ Adoption (Describe in not more than 100 words)	:	Elephant foot yam based multilayer vegetable cropping system Sri Dinesh Singh has been cultivating cucurbits like sponge gourd, ridge gourd, and bottle gourd since long back. He was also cultivating elephant foot yam but of Desi variety having high calcium oxalate content causing more acridity and less acceptability. Generally, elephant foot yam was sown in the back yard of their houses. Both the crops were cultivated in separate land. No sincere and scientific efforts were carried out before the innovation made by KVK under NICRA project. The improved variety of elephant foot yam (Gajendra) and hybrid variety of bitter gourd (US – 6214) was grown simultaneously in the same piece of land with leafy vegetables. So, it has been named elephant foot yam based multilayer vegetable cropping system. A *machan* like structure was erected with the help of bamboo, wire and threads over 6.5 feet height from the ground level over the main crop i.e. EFY to spread the vines of bitter gourd. Cow [Napier grass & Urea Molasses Mineral block (UMMB) feeding to cows]	

<table>
<tr><td></td><td></td><td></td><td>Sri Dinesh Singh is rearing cow of local breed. These local breeds, however, are highly susceptible to disease and have low productivity, resulting in limited income for farmers. Under the NICRA project, livestock improvement is a key focus area. To increase farmer awareness on feed, housing, and disease management, various capacity-building programs were conducted. Following these sessions, demonstrations of Napier grass and UMMB mineral block were provided, showing significant benefits in extending the productive lifespan of the cows, enhancing immunity, and reducing disease incidence. Regular visits by KVK experts offered technical guidance and monitored the progress of cow rearing efforts. This initiative is proving to be a profitable venture for the village's small-scale farmers.</td></tr>
<tr><td>12</td><td>Practical utility of the innovation/adoption of technology

(Benefits-yeild/income/resource conservation etc.,)</td><td>:</td><td>Practical utility of Elephant foot yam based multilayer vegetable cropping system

Better utilization of inputs like land, fertilizer & irrigation etc.
Upliftment of livelihood and social status.
More return/unit area
Crop intensification
Judicious use of irrigation water, fertilizers and pesticides.
Due to accumulation of organic matter micro climate improves

Economics of MLVCS
Farmers Practice as sole crop
<table>
<tr><td>Crop</td><td>Yield (Kg/ha)</td></tr>
<tr><td>Elephant foot yam (EFY)</td><td>36000</td></tr>
<tr><td>Bitter gourd</td><td>15640</td></tr>
</table>
Yield in Multilayer vegetable cropping system
<table>
<tr><td>Crop</td><td>EFY Yield (Kg/ha)</td><td>Yield of bitter gourd crop (Kg/ha)</td></tr>
<tr><td>EFY+ Bitter gourd</td><td>35800</td><td>15000</td></tr>
</table>
Expenses occurred (Rs. /ha) in farmers practice as sole crop
<table>
<tr><td>Crop</td><td>Expenses (Rs. /ha)</td></tr>
<tr><td>Elephant foot yam (EFY)</td><td>146500</td></tr>
<tr><td>Bitter gourd</td><td>55480</td></tr>
</table>
Expenses occurred (Rs. /ha) in Multilayer vegetable cropping system
<table>
<tr><td>Crop</td><td>Expenses (Rs. /ha)</td></tr>
<tr><td>EFY+ Bitter gourd</td><td>166400</td></tr>
</table>
Net returns (Rs/ha) in farmers practice as sole crop
<table>
<tr><td>Crop</td><td>Net Return (Rs. /ha)</td></tr>
<tr><td>Elephant foot yam (EFY)</td><td>339500</td></tr>
<tr><td>Bitter gourd</td><td>132200</td></tr>
</table>
Net returns (Rs/ha) in Multilayer vegetable cropping system
<table>
<tr><td>Crop</td><td>Net Return (Rs. /ha)</td></tr>
<tr><td>EFY+ Bitter gourd</td><td>496900</td></tr>
</table>
BC Ratio of Sole crop
<table>
<tr><td>Crop</td><td>B:C ratio</td></tr>
<tr><td>Elephant foot yam (EFY)</td><td>3.32: 1</td></tr>
<tr><td>Bitter gourd</td><td>2.38: 1</td></tr>
</table>
BC Ratio of multilayer vegetable cropping system
<table>
<tr><td>Crop</td><td>B:C ratio</td></tr>
<tr><td>EFY+ Bitter gourd</td><td>3.99:1</td></tr>
</table>
</td></tr>
</table>

<table>
<tr><td></td><td></td><td></td><td>Practical utility of Napier grass & Urea Molasses Mineral block (UMMB) feeding to cows
➢ Enhanced milk production and income
➢ Improvement in livelihoods and living standards
<table>
<tr><th>Technology Demonstrated</th><th>Area/ Nos.</th><th>Gross cost (Rs.)</th><th>Net returns (Rs.)</th><th>B: C ratio</th></tr>
<tr><td>UMMB</td><td>2 No.</td><td>15330</td><td>30870</td><td>3.01:1</td></tr>
<tr><td>Napier grass</td><td>0.125 acre</td><td>15500</td><td>32100</td><td>3.07:1</td></tr>
</table></td></tr>
<tr><td>13</td><td>Impact of innovation on other farmers (Quantify in terms of no. of other farmers adopted, area covered etc.)</td><td>:</td><td>15 – 20 farmers in the village are adopting an elephant foot yam-based cultivation system. Additionally, several small-scale farmers having livestock are cultivating napier as green fodder and also feeding UMMB to live stock for milk enhancement.</td></tr>
<tr><td>14</td><td>Any other information pertaining to innovation/adoption of the technology not covered above</td><td>:</td><td>Small and marginal farmers of the district are adopting elephant foot yam cultivation for better return. District Horticulture department included elephant foot yam-based cultivation in its programme, planting materials of elephant foot yam and seeds of cucurbits are distributed by the department for upscaling the elephant foot yam-based cultivation. Other stake holder is also upscaling the EFY based multilayer as well as seed production of paddy variety Sahbhagi, mustard variety PM – 28 and finger millet variety A – 404.</td></tr>
<tr><td>15</td><td>Any other institutions related to</td><td></td><td>-</td></tr>
<tr><td>16</td><td>Spread of the technology</td><td></td><td>Elephant foot yam based multilayer vegetable cropping system is spreading among the farming communities of the district. About 6500 family are adopting the technology. Napier grass is also becoming popular among animal rearer and is being cultivated in about 425 ha.</td></tr>
</table>

Name of PI & Co-PI List

Name of KVK	Name of PI	Name Of Co PI
Godda	Dr. Ravi Shanker	Dr. Surya Bhushan

Table: Capacity development (Training On-campus) organized under TDC-NICRA

S. No.	Title of the training course	Period of Training program	Duration	Participant No.		Category			
				Male	Female	General	OBC	ST	SC
1.	Mushroom Production	10 – 14.09.2024	05 days	19	06	00	19	06	00

Table: Capacity development (Training Off-campus) organized under TDC-NICRA

S. No.	Title of the training course	Period of Training program	Duration	Participant No.		Category			
				Male	Female	General	OBC	ST	SC

1.	Cultivation technique of Elephant foot yam under rain fed condition	24.06.2024	01 day	21	39	00	40	20	00
2.	Water conservation and harvesting for life saving irrigation	19.07.2024	01 day	24	18	00	24	18	00
3.	Importance of drought tolerant variety in climate resilient agriculture	21.07.2024 23.07.2024	01 day	25	31	00	30	26	00
4.	Imp. Insect pests of Kharif crops and their management	24.06.2024	01 day	21	39	00	40	20	00
5.	Imp. Insect pests of Kharif crops and their management	20.10.2024	01 day	11	20	00	15	16	00

Table: Custom Hiring of Farm-Implement

Name of farm implement/ equipment	No. of farmers used Implement	Area covered by Farm Implement	Farm Implement used (In Hours)	Revenue generated by Farm Implement (Rs.)	Expenditure incurred on repairing (Rs.)
Paddy reaper	250	150		12500	3500
Power paddy thresher	30	70		3750	1250
Rotary tiller	20	05		2500	1100
Foot sprayer/Knapsack sprayer	250	200		5000	250
Maize Sheller	250	175		2500	00
Grass cutter	70	25		6250	00
Weighing balance	40			200	00
Digital Seed Moisture Meter	50			250	00

Table: Village wise VCRMC

Village name	VCRMC Constitution date	VCRMC members (no.)		Meetings organized by VCRMC (no.)	Date of VCRMC meeting	Name of Secretary	Name of President	Major decision taken
		M	F					
Garhi	12.04.2021	16	07	12	04.01.24,02.02.24, 08.03.24, 06.04.24, 10.05.24, 16.06.24, 15.07.24, 18.08.24, 18.09.24, 05.10.24, 11.11.24, 18.12.24	Arjun Kr. Singh	Dinesh Singh	➢ De siltation of pond ➢ Water harvesting ➢ Nursery for paddy ➢ Demonstration of paddy variety Sahbhagi ➢ PM Kusum ➢ Renovation of well/pond
Gauripur	12.11.2021	04	08	11	06.01.24,12.02.24, 12.03.24, 08.04.24, 12.05.24, 18.06.24, 25.07.24, 10.08.24, 15.09.24, 25.10.24,	Suhagini Marandi	Sarofina Besra	

					13.11.24			➢ Plant Protection in Kharif crops ➢ Cultivation of Rabi crops/vegetables ➢ Green fodder/hydroponics for live stock

Attachments: Good quality Photograph

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

Name of State	Name of district	No. of blocks allocated	No. of FPOs registered as CBBO	Average no of members per FPO	No. of FPO received Management cost	No. of FPO received Equity Grant	Tech. backstopping provided to no. of FPOs	No. of training programme organized for FPOs for Technology backstopping as CBBO	Training received by FPO members (Y/N) If yes then major area of training	Assistance to no. of FPOs in economic activities	Is Business plan prepared for FPOs as CBBOs	Is Business plan prepared for FPOs as without CBBOs	No. Of FPOs doing business
Jharkhand	Godda	7	NA	520	5	5	5	6	Yes Business plan, Scientific crop production, Book keeping & accounting, Auditing, livestock management etc.	5	yes	NA	5

Details of commodity-based organizations/ farmers' cooperative society/ FPO formed/ associated with KVK under NCDC funding : NA

S.No	Name of the FPO	Address of FPO	Registration No and Date	Proposed Activity	Commodity Identified	Total No. of BOM Members	Total no of farmers attached	Financial position (Rupees in lakh)	Success indicator

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

a. Overall achievement

No. of Nutri smart village developed	Total Area covered	Total No of OFT organized	Total No. of FLD organized	No. of training/capacity development programme	Total No. of farmers/ beneficiaries	No of Extension programmes	Total No. of farmers/ beneficiaries
1	1	0	20	4	20	1	20

b. Details of OFT/FLD

OFT		
Nutritional Garden		
Bio-fortified Crops		
Value addition (in no. of Unit or no. of Enterprise)		
Other Enterprises (in no. of Unit or no. of Enterprise)		
	Area (ha/ no. of Unit/Enterprise)	No. of farmers/ beneficiaries
FLD		
Nutritional Garden	20	20
Bio-fortified Crops	0.5	10
Value addition (in no. of Unit or no. of Enterprise)	01	01
Other Enterprises (in no. of Unit or no. of Enterprise)	0	0

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

Sl.	Name of Nutri-Smart Village	Type of Nutrition Garden	Number	Area (sqm)	No. of beneficiaries
1.	Rupuchak	Backyard/Kitchen Garden	10	300	20

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

Name of Nutri-Smart Village	Season	Activity (OFT/FLD)	Category of crop (cereal/ pulses/oilseed/ fruits & veg./ others	Name of Crop	Variety	Area (ha)	No. of beneficiaries
Rupuchak	Kharif	FLD	Cereal	Finger Millet	A-404	0.5	10

e. Details of Value addition in Nutri-Smart village

Name of Nutri Smart Village	Name of Crop/ veg./ fruits/ other	Name of Value-added product	Activity (OFT/FLD)	No. of farmers/ beneficiaries
Rupuchak	Weaning Food (high nutrient efficiency diet)	Multi nutrition food (Rice parboiled (50%), Moong dal (40%), groundnut (10%), sugar (to taste).	FLD	25

f. Training programmes in Nutri-Smart village

Name of Nutri Smart Village	Area of Training	No of courses	No. of beneficiaries
Rupuchak	Method of preparation of high efficient low cost nutritionally effective weaning food	1	26

g. Extension activities under NARI Project

Name of Nutri-Smart Village	Title of Activity	No. of activities	No. of beneficiaries
Rupuchak	Awareness Programme on Sanitation	1	25

11.7 Attracting and Retaining Youth in Agriculture (ARYA): NA

Name of Enterprises	No of Skill training conducted (No.)	Name of Training	Duration (Days)	Youth trained (No.)	Established entrepreneurial unit (No.)	No. of Groups Formed for establishment of unit	No. of Members in each Group	No. of Groups active	No. of person left the group	Total Viable unit (No.)	Average size of each entrepreneurial unit	Total Production /unit / year	Per unit cost of Production (Rs)	Sale value of Produce (Rs.)	Gross Return/Unit/ Year (Rs.)	Economic Gains / unit (Rs.)	B:C Ratio	Employment generated / year (manday @ 8 hr/ day)

11.8 Out-scaling of Natural Farming Format

Geographical information

Name of State		Jharkhand	
Name of KVK		GVT-KVK, Godda	
Agro Climatic Zone of Village/KVK		Eastern Plateau and Hill Region	
Farming Situation of the Selected Farmer/KVK		Latitude (N)	Longitude (E)
		24° 50' 58.2''	87° 12' 25.2''

Physical information

Name of KVK	Name of activity	No of activities organized	No of participants	Participants (Male)						Participants (Female)					
				GEN	OBC	SC	ST	Others	Total	GEN	OBC	SC	ST	Others	Total
Godda	Training	9	376	-	102	21	28	-	151	-	31	12	182	-	225
	Awareness	5	210	8	35	6	25		74	10	51	12	63	-	136
	Demonstration	10	10	-	3		3	-	6	-	-	-	4	-	4
	Other activities														

Training information

Tittle of Natural Farming training Programme	Date of Training	Venue of programme	Participants (Male)						Participants (Female)							Remarks/ Observation/Feedback Recorded
			GEN	OBC	SC	ST	Others	Total	GEN	OBC	SC	ST	Others	Total	GT	
Natural Farming	02-03.01.2024	KVK, Godda		3		3		6		1		33		34	40	
Natural Farming	05– 06.01.2024	KVK, Godda		2		2		4		1		35		36	40	
Natural Farming	08– 09.01.2024	KVK, Godda		1		9		10		2		33		35	45	
Natural Farming	11– 12.01.2024	KVK, Godda		40	2	2		44		1				1	45	
Natural Farming	19-20.03.2024	KVK, Godda		21	6			27		1		12		13	40	
Importance of natural farming for management of soil health and sustainable agriculture	10.07.2024	Kairadih	-	18	-	7	-	25	-	7	-	8		15	40	
Preparation of natural farming components	11.07.2024	Markhan	-			4		4				36		36	40	
Benefits of natural farming components	12.07.2024	KVK	-	4		1		5		17		24		41	46	
Application of natural farming components in crops, millets, vegetables and fruits	13.07.2024	KVK	-	13	13			26		1	12	1		14	40	

Awareness programme information

Tittle of Natural Farming Awareness programme	Date of Awareness programme	Venue of programme	Participants (Male)						Participants (Female)							Remarks/Observation/Feedback Recorded
			GEN	OBC	SC	ST	Others	Total	GEN	OBC	SC	ST	Others	Total	GT	
Natural Farming	23.05.2024	Badgama	2	8	1	5		16	3	12	3	20		38	54	
Natural Farming	05.06.2024	Rupuchak	2	7	2	1		12	2	13	2	7		24	36	
Natural Farming	27.06.2024	Kasiatari	2	5	0	5		12	2	10	4	10		26	38	
Natural Farming	30.07.2024	Harkatta	1	8	1	12		22	0	12	2	4		18	40	
Natural Farming	05.09.2024	Saraiya	1	7	2	2		12	3	4	1	22		30	42	

Any other Programme /Activity organized for Natural farming promotion		
Name of the Innovative programme organized	Significance of innovative programme	Remarks/Observation/Feedback Recorded

Details of Beneficiaries under Demonstration at Farmer's Fields

Name of KVK	No. of blocks covered	No. of village covered	Total no. of Trained/Practicing NF Farmer	No. of farmers influenced to adopt NF	No. of farmers with whom the NF farmer can engaged all season	No. of farmers with whom the NF farmer can engage in 1 season	Any Remarks (in <50 words)
Godda	5	8	30	30	15	15	Less yield obtained (varies crop to crop in range of 12-35%) with compared to traditional farming. The grain quality like boldness, shinning was found batter and less input cost require with compare to traditional farming.

KVK/ Farmer wise information of demonstration conducted till date			
Name of State	Jharkhand		
Name of KVK/Farmer where demonstration conducted	GVT-KVK, Godda		
Address of Farmer with contact detail			
Agro Climatic Zone of KVK/Village of farmer	Eastern Platue and Hill Region		
Cropping patter of KVK plot/ Farmer plot	Finger Millet-Mustard		
Farming Situation of the Selected KVK/Farmer	Latitude (N)	Longitude (E)	
	24° 50' 58.2''	87° 12' 25.2''	

Name of Activity	Crop	Variety	Season (Kharif /Rabi/ Summer)	Name of Natural Farming components/Technology demonstrated	Area (ha) in Natural farming practice	Detail of farmer practice	Observations Recorded		
							Name of parameter	Performance	
								Without NF practice	With NF practice
Demonstration	Finger Millet	A-404	Kharif	A-404, Beejamrit, Jeevamrit, Neemastra and Agniastra	0.40	FYM + Urea + DAP + MOP	Plant height (cm)	111.5	101.6
							Other relevant parameter	-	-
							Yield (q/ha)	14.5	13.0
							Cost of cultivation (Rs/ha)	29360	20500
							Gross Return (Rs/ha)	58000	52000
							Net Return (Rs/ha)	28640	31500
							B:C Ratio	1.97	2.53
							Soil PH	6.4	6.6
							Soil OC (%)	0.59	0.59
							Soil EC (dS/m)	0.17	0.19
							Available N (Kg/ha)	283.5	284.6
							Available P (Kg/ha)	22.43	24.5
							Available K (Kg/ha)	162.50	165.7
							Soil Microbes (cfu)	22.43	24.86
							Any other, specify		
Feedback of farmer									

Name of Activity	Crop	Variety	Season (Kharif /Rabi/ Summer)	Name of Natural Farming components/Technology demonstrated	Area (ha) in Natural farming practice	Detail of farmer practice	Observations Recorded		
							Name of parameter	Performance	
								Without NF	With NF

								practice	practice
Demonstration	Mustard	PM-28	Rabi	PM-28, Beejamrit, Jeevamrit, Neemastra and Agniastra	0.40	FYM + Urea + DAP + MOP	Plant height (cm)	162.4	152.7
							Other relevant parameter	-	-
							Yield (q/ha)	10.3	7.5
							Cost of cultivation (Rs/ha)	32800	24800
							Gross Return (Rs/ha)	56650	41250
							Net Return (Rs/ha)	23850	16450
							B:C Ratio	1.72	1.66
							Soil PH	6.5	6.7
							Soil OC (%)	0.50	0.54
							Soil EC (dS/m)	0.25	0.22
							Available N (Kg/ha)	282.4	283.6
							Available P (Kg/ha)	21.7	22.3
							Available K (Kg/ha)	168.3	169.6
							Soil Microbes (cfu)	20.1	23.1
							Any other, specify		
Feedback of farmer									

Demonstration Information

KVK/ Farmer wise information of demonstration conducted till date			
Name of State		Jharkhand	
Name of KVK/Farmer where demonstration conducted		Dinesh Singh	
Address of Farmer with contact detail		Garhi, Poraiyahaat, Godda, Mob: 7488389101	
Agro Climatic Zone of KVK/Village of farmer		Eastern Platue and Hill Region	
Cropping patter of KVK plot/ Farmer plot		Finger Millet-Mustard	
Farming Situation of the Selected KVK/Farmer		Latitude (N)	Longitude (E)
		24°56’42”	87°16’38”

Name of Activity	Crop	Variety	Season (Kharif /Rabi/ Summer)	Name of Natural Farming components/Technology demonstrated	Area (ha) in Natural farming practice	Detail of farmer practice	Observations Recorded		
							Name of parameter	Performance	
								Without NF practice	With NF practice
Demonstration	Finger Millet	A-404	Kharif	A-404, Beejamrit, Jeevamrit, Neemastra and Agniastra	0.40	FYM + Urea + DAP +	Plant height (cm)	119.8	108.7
							Other relevant parameter	-	-

						MOP	Yield (q/ha)	14.2	12.5
							Cost of cultivation (Rs/ha)	29360	20500
							Gross Return (Rs/ha)	56800	50000
							Net Return (Rs/ha)	27440	29500
							B:C Ratio	1.93	2.43
							Soil PH	6.3	6.5
							Soil OC (%)	0.54	0.58
							Soil EC (dS/m)	0.18	0.20
							Available N (Kg/ha)	284.8	285.6
							Available P (Kg/ha)	21.6	23.5
							Available K (Kg/ha)	165.8	166.5
							Soil Microbes (cfu)	19.86	21.50
							Any other, specify		
Feedback of farmer	Less input cost required								
Name of Activity	Crop	Variety	Season (Kharif /Rabi/ Summer)	Name of Natural Farming components/Technology demonstrated	Area (ha) in Natural farming practice	Detail of farmer practice	Observations Recorded		
							Name of parameter	Performance	
								Without NF practice	With NF practice
Demonstration	Mustard	PM-28	Rabi	PM-28, Beejamrit, Jeevamrit, Neemastra and Agniastra	0.40	FYM + Urea + DAP + MOP	Plant height (cm)	166.8	156.8
							Other relevant parameter	-	-
							Yield (q/ha)	10.1	7.3
							Cost of cultivation (Rs/ha)	32800	24800
							Gross Return (Rs/ha)	55550	40100
							Net Return (Rs/ha)	22750	15300
							B:C Ratio	1.69	1.61
							Soil PH	6.4	6.6
							Soil OC (%)	0.56	0.59
							Soil EC (dS/m)	0.25	0.24
							Available N (Kg/ha)	288.7	289.1
							Available P (Kg/ha)	22.7	24.8

							Available K (Kg/ha)	167.8	169.8
							Soil Microbes (cfu)	20.1	22.4
							Any other, specify		
Feedback of farmer	Less input cost required								

Demonstration Information

KVK/ Farmer wise information of demonstration conducted till date			
Name of State		Jharkhand	
Name of KVK/Farmer where demonstration conducted		Sanjhla Murmu	
Address of Farmer with contact detail		Mahuatanr, Sunderpahadi, Godda, Mob: 7858069818	
Agro Climatic Zone of KVK/Village of farmer		Eastern Platue and Hill Region	
Cropping patter of KVK plot/ Farmer plot		Finger Millet-Mustard	
Farming Situation of the Selected KVK/Farmer		Latitude (N)	Longitude (E)
		24°56'42"	87°16'38"

Name of Activity	Crop	Variety	Season (Kharif /Rabi/ Summer)	Name of Natural Farming components/Technology demonstrated	Area (ha) in Natural farming practice	Detail of farmer practice	Observations Recorded		
							Name of parameter	Performance	
								Without NF practice	With NF practice
Demonstration	Finger Millet	A-404	Kharif	A-404, Beejamrit, Jeevamrit, Neemastra and Agniastra	0.40	FYM + Urea + DAP + MOP	Plant height (cm)	118.5	108.2
							Other relevant parameter	-	-
							Yield (q/ha)	15.3	12.1
							Cost of cultivation (Rs/ha)	29360	20500
							Gross Return (Rs/ha)	61200	48400
							Net Return (Rs/ha)	31840	27900
							B:C Ratio	2.08	2.36
							Soil PH	6.4	6.7
							Soil OC (%)	0.53	0.57
							Soil EC (dS/m)	0.20	0.22
							Available N (Kg/ha)	285.8	286.9
							Available P (Kg/ha)	23.8	24.9
							Available K (Kg/ha)	162.8	163.6
							Soil Microbes (cfu)	19.56	20.86
							Any other, specify		
Feedback of	Less dependency on market for inputs								

farmer									
Name of Activity	Crop	Variety	Season (Kharif /Rabi/ Summer)	Name of Natural Farming components/Technology demonstrated	Area (ha) in Natural farming practice	Detail of farmer practice	Observations Recorded		
							Name of parameter	Performance	
								Without NF practice	With NF practice
Demonstration	Mustard	PM-28	Rabi	PM-28, Beejamrit, Jeevamrit, Neemastra and Agniastra	0.40	FYM + Urea + DAP + MOP	Plant height (cm)	164.8	154.6
							Other relevant parameter	-	-
							Yield (q/ha)	10.0	7.2
							Cost of cultivation (Rs/ha)	32800	24800
							Gross Return (Rs/ha)	55000	39600
							Net Return (Rs/ha)	22200	14800
							B:C Ratio	1.67	1.59
							Soil PH	6.2	6.5
							Soil OC (%)	0.53	0.56
							Soil EC (dS/m)	0.24	0.21
							Available N (Kg/ha)	287.4	288.6
							Available P (Kg/ha)	23.7	24.6
							Available K (Kg/ha)	165.5	166.9
							Soil Microbes (cfu)	19.1	21.4
							Any other, specify		
Feedback of farmer	Less dependency on market for inputs								

Demonstration Information

KVK/ Farmer wise information of demonstration conducted till date			
Name of State	Jharkhand		
Name of KVK/Farmer where demonstration conducted	Manoj Kumar Murmu		
Address of Farmer with contact detail	Beldiha, Boarijore, Godda, Mob: 62999468194		
Agro Climatic Zone of KVK/Village of farmer	Eastern Platue and Hill Region		
Cropping patter of KVK plot/ Farmer plot	Finger Millet-Mustard		
Farming Situation of the Selected KVK/Farmer		Latitude (N)	Longitude (E)
		24° 50' 58.2''	87° 12' 25.2''

Name of Activity	Crop	Variety	Season (Kharif	Name of Natural Farming components/Technology	Area (ha) in Natural	Detail of farmer	Observations Recorded	
							Name of parameter	Performance

			/Rabi/ Summer)	demonstrated	farming practice	practice		Without NF practice	With NF practice
Demonstration	Finger Millet	A-404	Kharif	A-404, Beejamrit, Jeevamrit, Neemastra and Agniastra	0.40	FYM + Urea + DAP + MOP	Plant height (cm)	115.6	105.8
							Other relevant parameter	-	-
							Yield (q/ha)	14.5	12.4
							Cost of cultivation (Rs/ha)	29360	20500
							Gross Return (Rs/ha)	58000	49600
							Net Return (Rs/ha)	28640	29100
							B:C Ratio	1.97	2.42
							Soil PH	6.5	6.6
							Soil OC (%)	0.56	0.59
							Soil EC (dS/m)	0.17	0.19
							Available N (Kg/ha)	283.5	284.6
							Available P (Kg/ha)	22.4	24.5
							Available K (Kg/ha)	164.4	165.7
							Soil Microbes (cfu)	20.56	24.86
							Any other, specify		
Feedback of farmer	Quality of produce is highly appreciable								
Name of Activity	Crop	Variety	Season (Kharif /Rabi/ Summer)	Name of Natural Farming components/Technology demonstrated	Area (ha) in Natural farming practice	Detail of farmer practice	Observations Recorded		
							Name of parameter	Performance	
								Without NF practice	With NF practice
Demonstration	Mustard	PM-28	Rabi	PM-28, Beejamrit, Jeevamrit, Neemastra and Agniastra	0.40	FYM + Urea + DAP + MOP	Plant height (cm)	162.4	152.7
							Other relevant parameter	-	-
							Yield (q/ha)	10.3	7.5
							Cost of cultivation (Rs/ha)	32800	24800
							Gross Return (Rs/ha)	56650	41250
							Net Return (Rs/ha)	23850	16450
							B:C Ratio	1.72	1.66
							Soil PH	6.5	6.7
							Soil OC (%)	0.50	0.54
							Soil EC (dS/m)	0.25	0.22

							Available N (Kg/ha)	282.4	283.6
							Available P (Kg/ha)	21.7	22.3
							Available K (Kg/ha)	168.3	169.6
							Soil Microbes (cfu)	20.1	23.1
							Any other, specify		
Feedback of farmer	Quality of produce is highly appreciable								

Demonstration Information

KVK/ Farmer wise information of demonstration conducted till date			
Name of State		Jharkhand	
Name of KVK/Farmer where demonstration conducted		Ranjan Kumar	
Address of Farmer with contact detail		Amrakanouli, Sondhia, Poriyahaat, Godda, Mob: 6202172898	
Agro Climatic Zone of KVK/Village of farmer		Eastern Platue and Hill Region	
Cropping patter of KVK plot/ Farmer plot		Finger Millet-Mustard	
Farming Situation of the Selected KVK/Farmer		Latitude (N)	Longitude (E)
		24° 40' 44.4''	87° 10' 46.92''

Name of Activity	Crop	Variety	Season (Kharif /Rabi/ Summer)	Name of Natural Farming components/Technology demonstrated	Area (ha) in Natural farming practice	Detail of farmer practice	Observations Recorded		
							Name of parameter	Performance	
								Without NF practice	With NF practice
Demonstration	Finger Millet	A-404	Kharif	A-404, Beejamrit, Jeevamrit, Neemastra and Agniastra	0.40	FYM + Urea + DAP + MOP	Plant height (cm)	117.8	109.3
							Other relevant parameter	-	-
							Yield (q/ha)	14.0	12.8
							Cost of cultivation (Rs/ha)	29360	20500
							Gross Return (Rs/ha)	56000	51200
							Net Return (Rs/ha)	26640	30700
							B:C Ratio	1.90	2.49
							Soil PH	6.3	6.5
							Soil OC (%)	0.58	0.60
							Soil EC (dS/m)	0.19	0.21
							Available N (Kg/ha)	285.5	286.6
							Available P (Kg/ha)	22.4	24.5
							Available K (Kg/ha)	165.4	166.7

							Soil Microbes (cfu)	19.56	20.86
							Any other, specify		
Feedback of farmer	Easy to adopt the technology								
Name of Activity	Crop	Variety	Season (Kharif /Rabi/ Summer)	Name of Natural Farming components/Technology demonstrated	Area (ha) in Natural farming practice	Detail of farmer practice	Observations Recorded		
							Name of parameter	Performance	
								Without NF practice	With NF practice
Demonstration	Mustard	PM-28	Rabi	PM-28, Beejamrit, Jeevamrit, Neemastra and Agniastra	0.40	FYM + Urea + DAP + MOP	Plant height (cm)	113.8	105.6
							Other relevant parameter	-	-
							Yield (q/ha)	15.3	12.1
							Cost of cultivation (Rs/ha)	29360	20500
							Gross Return (Rs/ha)	61200	48400
							Net Return (Rs/ha)	31840	27900
							B:C Ratio	2.08	2.36
							Soil PH	6.5	6.7
							Soil OC (%)	0.52	0.55
							Soil EC (dS/m)	0.24	0.20
							Available N (Kg/ha)	285.4	286.2
							Available P (Kg/ha)	23.7	24.3
							Available K (Kg/ha)	167.3	158.4
							Soil Microbes (cfu)	20.1	23.1
							Any other, specify		
Feedback of farmer	Easy to adopt the technology								

Demonstration Information

KVK/ Farmer wise information of demonstration conducted till date			
Name of State		Jharkhand	
Name of KVK/Farmer where demonstration conducted		Jasphine Kisku	
Address of Farmer with contact detail		Vill: Beltuppa, Block: Poraiyahaat, Godda, Mob: 9693485667	
Agro Climatic Zone of KVK/Village of farmer		Eastern Platue and Hill Region	
Cropping patter of KVK plot/ Farmer plot		Finger Millet-Mustard	
Farming Situation of the Selected KVK/Farmer		Latitude (N)	Longitude (E)
		24° 40' 44.4''	87° 10' 46.92''

Name of Activity	Crop	Variety	Season (Kharif /Rabi/ Summer)	Name of Natural Farming components/Technology demonstrated	Area (ha) in Natural farming practice	Detail of farmer practice	Observations Recorded		
							Name of parameter	Performance	
								Without NF practice	With NF practice
Demonstration	Finger Millet	A-404	Kharif	A-404, Beejamrit, Jeevamrit, Neemastra and Agniastra	0.40	FYM + Urea + DAP + MOP	Plant height (cm)	118.9	103.5
							Other relevant parameter	-	-
							Yield (q/ha)	14.0	12.8
							Cost of cultivation (Rs/ha)	29360	20500
							Gross Return (Rs/ha)	56000	51200
							Net Return (Rs/ha)	26640	30700
							B:C Ratio	1.90	2.49
							Soil PH	6.3	6.5
							Soil OC (%)	0.58	0.60
							Soil EC (dS/m)	0.19	0.21
							Available N (Kg/ha)	285.5	286.6
							Available P (Kg/ha)	22.4	24.5
							Available K (Kg/ha)	165.4	166.7
							Soil Microbes (cfu)	19.56	20.86
							Any other, specify		
Feedback of farmer	Eco-friendly for environment								
Name of Activity	Crop	Variety	Season (Kharif /Rabi/ Summer)	Name of Natural Farming components/Technology demonstrated	Area (ha) in Natural farming practice	Detail of farmer practice	Observations Recorded		
							Name of parameter	Performance	
								Without NF practice	With NF practice
Demonstration	Mustard	PM-28	Rabi	PM-28, Beejamrit, Jeevamrit, Neemastra and Agniastra	0.40	FYM + Urea + DAP + MOP	Plant height (cm)	164.4	154.7
							Other relevant parameter	-	-
							Yield (q/ha)	10.3	7.5
							Cost of cultivation (Rs/ha)	32800	24800
							Gross Return (Rs/ha)	56650	41250
							Net Return (Rs/ha)	23850	16450
							B:C Ratio	1.72	1.66
							Soil PH	6.6	6.8

							Soil OC (%)	0.52	0.56
							Soil EC (dS/m)	0.24	0.21
							Available N (Kg/ha)	285.4	286.6
							Available P (Kg/ha)	22.7	23.3
							Available K (Kg/ha)	166.3	167.6
							Soil Microbes (cfu)	21.1	22.1
							Any other, specify		
Feedback of farmer	Eco-friendly for environment								

Demonstration Information

KVK/ Farmer wise information of demonstration conducted till date			
Name of State	Jharkhand		
Name of KVK/Farmer where demonstration conducted	Nasib Murmu		
Address of Farmer with contact detail	Vill: Harkatta, Block: Pathargama, Godda, Mob: 9065356603		
Agro Climatic Zone of KVK/Village of farmer	Eastern Platue and Hill Region		
Cropping patter of KVK plot/ Farmer plot	Finger Millet-Mustard		
Farming Situation of the Selected KVK/Farmer		Latitude (N)	Longitude (E)
		24° 55' 4.40''	87° 14' 47.85''

Name of Activity	Crop	Variety	Season (Kharif /Rabi/ Summer)	Name of Natural Farming components/Technology demonstrated	Area (ha) in Natural farming practice	Detail of farmer practice	Observations Recorded		
							Name of parameter	Performance	
								Without NF practice	With NF practice
Demonstration	Finger Millet	A-404	Kharif	A-404, Beejamrit, Jeevamrit, Neemastra and Agniastra	0.40	FYM + Urea + DAP + MOP	Plant height (cm)	112.6	103.6
							Other relevant parameter	-	-
							Yield (q/ha)	15.3	12.1
							Cost of cultivation (Rs/ha)	29360	20500
							Gross Return (Rs/ha)	61200	48400
							Net Return (Rs/ha)	31840	27900
							B:C Ratio	2.08	2.36
							Soil PH	6.4	6.7
							Soil OC (%)	0.51	0.59
							Soil EC (dS/m)	0.21	0.19
							Available N (Kg/ha)	282.9	284.5

							Available P (Kg/ha)	22.9	24.8
							Available K (Kg/ha)	167.5	169.4
							Soil Microbes (cfu)	19.16	22.9
							Any other, specify		
Feedback of farmer	Easy to adopt the technology								

Demonstration Information

KVK/ Farmer wise information of demonstration conducted till date			
Name of State	Jharkhand		
Name of KVK/Farmer where demonstration conducted	Mahendar Rana		
Address of Farmer with contact detail	Vill: Kairadih, Block: Poraiyahaat, Godda, Mob: 8292352733		
Agro Climatic Zone of KVK/Village of farmer	Eastern Platue and Hill Region		
Cropping patter of KVK plot/ Farmer plot	Finger Millet-Mustard		
Farming Situation of the Selected KVK/Farmer		Latitude (N)	Longitude (E)
		24° 53' 51.64''	87° 22' 3.34''

Name of Activity	Crop	Variety	Season (Kharif /Rabi/ Summer)	Name of Natural Farming components/Technology demonstrated	Area (ha) in Natural farming practice	Detail of farmer practice	Observations Recorded		
							Name of parameter	Performance	
								Without NF practice	With NF practice
Demonstration	Finger Millet	A-404	Kharif	A-404, Beejamrit, Jeevamrit, Neemastra and Agniastra	0.40	FYM + Urea + DAP + MOP	Plant height (cm)	111.5	101.6
							Other relevant parameter	-	-
							Yield (q/ha)	14.5	10.9
							Cost of cultivation (Rs/ha)	29360	20500
							Gross Return (Rs/ha)	58000	43600
							Net Return (Rs/ha)	28640	23100
							B:C Ratio	1.97	2.12
							Soil PH	6.3	6.5
							Soil OC (%)	0.53	0.55
							Soil EC (dS/m)	0.2	0.16
							Available N (Kg/ha)	282.5	283.4
							Available P (Kg/ha)	19.8	21.7
							Available K (Kg/ha)	164.4	166.3
							Soil Microbes (cfu)	16.17	19.7

							Any other, specify		
Feedback of farmer	Eco-friendly for environment								

Demonstration Information

KVK/ Farmer wise information of demonstration conducted till date			
Name of State		Jharkhand	
Name of KVK/Farmer where demonstration conducted		Dharmendra Tudu	
Address of Farmer with contact detail		Vill: Harkatta, Block: Patargama, Godda, Mob: 9973722127	
Agro Climatic Zone of KVK/Village of farmer		Eastern Platue and Hill Region	
Cropping patter of KVK plot/ Farmer plot		Finger Millet-Mustard	
Farming Situation of the Selected KVK/Farmer		Latitude (N)	Longitude (E)
		24° 55' 4.37''	87° 14' 47.79''

Name of Activity	Crop	Variety	Season (Kharif /Rabi/ Summer)	Name of Natural Farming components/Technology demonstrated	Area (ha) in Natural farming practice	Detail of farmer practice	Observations Recorded		
							Name of parameter	Performance	
								Without NF practice	With NF practice
Demonstration	Finger Millet	A-404	Kharif	A-404, Beejamrit, Jeevamrit, Neemastra and Agniastra	0.40	FYM + Urea + DAP + MOP	Plant height (cm)	114.7	105.6
							Other relevant parameter	-	-
							Yield (q/ha)	17.7	13.7
							Cost of cultivation (Rs/ha)	29360	20500
							Gross Return (Rs/ha)	70800	54800
							Net Return (Rs/ha)	41440	34300
							B:C Ratio	2.41	2.67
							Soil PH	6.3	6.5
							Soil OC (%)	0.53	0.57
							Soil EC (dS/m)	0.23	0.17
							Available N (Kg/ha)	284.8	285.4
							Available P (Kg/ha)	20.8	22.6
							Available K (Kg/ha)	165.4	167.3
							Soil Microbes (cfu)	17.16	20.8
							Any other, specify		
Feedback of farmer	Satisfactory								

Demonstration Information

KVK/ Farmer wise information of demonstration conducted till date			
Name of State		Jharkhand	
Name of KVK/Farmer where demonstration conducted		Sonamuni Soren	
Address of Farmer with contact detail		Vill: Danga, Block: Godda, Godda, Mob: 7903587213	
Agro Climatic Zone of KVK/Village of farmer		Eastern Platue and Hill Region	
Cropping patter of KVK plot/ Farmer plot		Finger Millet-Mustard	
Farming Situation of the Selected KVK/Farmer		Latitude (N)	Longitude (E)
		24° 50' 58.2''	87° 12' 25.2''

Name of Activity	Crop	Variety	Season (Kharif /Rabi/ Summer)	Name of Natural Farming components/Technology demonstrated	Area (ha) in Natural farming practice	Detail of farmer practice	Observations Recorded		
							Name of parameter	Performance	
								Without NF practice	With NF practice
Demonstration	Finger Millet	A-404	Kharif	A-404, Beejamrit, Jeevamrit, Neemastra and Agniastra	0.40	FYM + Urea + DAP + MOP	Plant height (cm)	115.6	107.8
							Other relevant parameter	-	-
							Yield (q/ha)	18.5	14.9
							Cost of cultivation (Rs/ha)	29360	20500
							Gross Return (Rs/ha)	74000	59600
							Net Return (Rs/ha)	44640	39100
							B:C Ratio	2.52	2.90
							Soil PH	6.4	6.6
							Soil OC (%)	0.54	0.55
							Soil EC (dS/m)	0.24	0.2
							Available N (Kg/ha)	285.6	287.3
							Available P (Kg/ha)	23.7	25.7
							Available K (Kg/ha)	168.3	170.2
							Soil Microbes (cfu)	20.15	23.8
							Any other, specify		
Feedback of farmer	Satisfactory								

Demonstration Information

KVK/ Farmer wise information of demonstration conducted till date	
Name of State	Jharkhand

Name of KVK/Farmer where demonstration conducted		Sushma Marandi	
Address of Farmer with contact detail		Vill: Danga, Block: Godda, Godda, Mob: 9572444561	
Agro Climatic Zone of KVK/Village of farmer		Eastern Platue and Hill Region	
Cropping patter of KVK plot/ Farmer plot		Finger Millet-Mustard	
Farming Situation of the Selected KVK/Farmer		Latitude (N)	Longitude (E)
		24° 50' 58.6''	87° 12' 25.8''

Name of Activity	Crop	Variety	Season (Kharif /Rabi/ Summer)	Name of Natural Farming components/Technology demonstrated	Area (ha) in Natural farming practice	Detail of farmer practice	Observations Recorded		
							Name of parameter	Performance	
								Without NF practice	With NF practice
Demonstration	Finger Millet	A-404	Kharif	A-404, Beejamrit, Jeevamrit, Neemastra and Agniastra	0.40	FYM + Urea + DAP + MOP	Plant height (cm)	116.8	108.5
							Other relevant parameter	-	-
							Yield (q/ha)	16.5	12.9
							Cost of cultivation (Rs/ha)	29360	20500
							Gross Return (Rs/ha)	66000	51600
							Net Return (Rs/ha)	36640	31100
							B:C Ratio	2.24	2.51
							Soil PH	6.4	6.6
							Soil OC (%)	0.53	0.57
							Soil EC (dS/m)	0.23	0.17
							Available N (Kg/ha)	286.5	288.1
							Available P (Kg/ha)	23.5	24.2
							Available K (Kg/ha)	169.5	170.1
							Soil Microbes (cfu)	17.16	22.7
							Any other, specify		
Feedback of farmer	Eco-friendly for environment								

Information of Farmer Already Practicing Natural Farming													
S. No.	Name of District	Name of Farmer	Name of Village and address with contact No	No. of Indigenous (Desi Cows)	Land Holding (ha)	Normal Crops Grown	No. of Years practicing in Natural Farming	Area (ha) Covered under Natural Farming	Crop Grown under Natural Farming	Natural Farming Technology practicing/ adopted	Observations Recorded		
											Name of parameter	Performance	
												Without NF practice	With NF practice
	Godda	Anjani Devi	Vill: Gandharavpur Block: Patharga ma, Godda, Mob: 8969298181	2	1.21	Paddy - Wheat - Mustard	2	0.4 ha	Finger Millet	A-404, Beejamrit, Jeevamrit, Neemastra and Agniastra	Plant height (cm)	111.5	101.6
											Other relevant parameter	-	-
											Yield (q/ha)	14.5	10.9
											Cost of cultivation (Rs/ha)	29360	20500
											Gross Return (Rs/ha)	58000	43600
											Net Return (Rs/ha)	28640	23100
											B:C Ratio	1.97	2.12
											Soil PH	6.3	6.5
											Soil OC (%)	0.53	0.55
											Soil EC (dS/m)	0.2	0.16
											Available N (Kg/ha)	282.5	283.4
											Available P (Kg/ha)	19.8	21.7
											Available K (Kg/ha)	164.4	166.3
											Soil Microbes (cfu)	16.17	19.7
											Any other, specify		
Feedback of farmer: Satisfactory													

Information of Farmer Already Practicing Natural Farming													
S. No.	Name of District	Name of Farmer	Name of Village and address with contact No	No. of Indigenous (Desi Cows)	Land Holding (ha)	Normal Crops Grown	No. of Years practicing in Natural Farming	Area (ha) Covered under Natural Farming	Crop Grown under Natural Farming	Natural Farming Technology practicing/ adopted	Observations Recorded		
											Name of parameter	Performance	
												Without NF practice	With NF practice

	Godda	Anjani Devi	Vill: Gandharavpur Block: Patharga ma, Godda, Mob: 8969298181	2	1.21	Paddy - Mustard	2	0.4 ha	Wheat	Sabour Nirjal+ Beejamrit+ Jeevamrit+Neemastra+Agniastra	Plant height (cm)	70.5	63.3
											Other relevant parameter	-	-
											Yield (q/ha)	33.5	25.1
											Cost of cultivation (Rs/ha)	38750	28500
											Gross Return (Rs/ha)	67000	50200
											Net Return (Rs/ha)	28250	21700
											B:C Ratio	1.73	1.76
											Soil PH	6.5	6.6
											Soil OC (%)	0.52	0.54
											Soil EC (dS/m)	0.22	0.16
											Available N (Kg/ha)	284.2	293.5
											Available P (Kg/ha)	21.8	23.6
											Available K (Kg/ha)	166.4	171.7
											Soil Microbes (cfu)	18.16	23.0
											Any other, specify		
Feedback of farmer: Easy to adopt the technology													

Information of Farmer Already Practicing Natural Farming

S. No.	Name of District	Name of Farmer	Name of Village and address with contact No	No. of Indigenous (Desi Cows)	Land Holding (ha)	Normal Crops Grown	No. of Years practicing in Natural Farming	Area (ha) Covered under Natural Farming	Crop Grown under Natural Farming	Natural Farming Technology practicing/ adopted	Observations Recorded		
											Name of parameter	Performance	
												Without NF practice	With NF practice
1	Godda	Punam Devi	Vill: Gandharavpur Block: Patharga ma, Godda, Mob: 89691508	2	2.0	Paddy-Gram-Mustard	2	0.4 ha	Finger Millet	A-404, Beejamrit, Jeevamrit, Neemastra and Agniastra	Plant height (cm)	116.8	108.5
											Other relevant parameter	-	-
											Yield (q/ha)	16.5	12.9
											Cost of cultivation (Rs/ha)	29360	20500
											Gross Return (Rs/ha)	66000	51600
											Net Return (Rs/ha)	36640	31100
											B:C Ratio	2.24	2.51

			44								Soil PH	6.4	6.6
											Soil OC (%)	0.53	0.57
											Soil EC (dS/m)	0.23	0.17
											Available N (Kg/ha)	286.5	288.1
											Available P (Kg/ha)	23.5	24.2
											Available K (Kg/ha)	169.5	170.1
											Soil Microbes (cfu)	17.16	22.7
											Any other, specify		
Feedback of farmer: Easy to adopt the technology													

Information of Farmer Already Practicing Natural Farming													
S. No.	Name of District	Name of Farmer	Name of Village and address with contact No	No. of Indigenous (Desi Cows)	Land Holding (ha)	Normal Crops Grown	No. of Years practicing in Natural Farming	Area (ha) Covered under Natural Farming	Crop Grown under Natural Farming	Natural Farming Technology practicing/ adopted	Observations Recorded		
											Name of parameter	Performance	
												Without NF practice	With NF practice
1	Godda	Punam Devi	Vill: Gandharavpur Block: Patharga ma, Godda, Mob: 8969150844	2	2.0	Paddy-Linseed-Mustard	2	0.4 ha	Wheat	Sabour Nirjal+ Beejamrit+ Jeevamrit+Neemastra+Agniastra	Plant height (cm)	74.5	64.9
											Other relevant parameter	-	-
											Yield (q/ha)	35.4	24.1
											Cost of cultivation (Rs/ha)	38750	28500
											Gross Return (Rs/ha)	70800	48200
											Net Return (Rs/ha)	32050	19700
											B:C Ratio	1.82	1.69
											Soil PH	6.5	6.7
											Soil OC (%)	0.51	0.56
											Soil EC (dS/m)	0.25	0.19
											Available N (Kg/ha)	280.3	282.4
											Available P (Kg/ha)	20.6	21.5
											Available K (Kg/ha)	160.8	162.5
											Soil Microbes (cfu)	19.17	20.6
											Any other, specify		
Feedback of farmer: Satisfactory													

Information of Farmer Already Practicing Natural Farming													
S. No.	Name of District	Name of Farmer	Name of Village and address with contact No	No. of Indigenous (Desi Cows)	Land Holding (ha)	Normal Crops Grown	No. of Years practicing in Natural Farming	Area (ha) Covered under Natural Farming	Crop Grown under Natural Farming	Natural Farming Technology practicing/ adopted	Observations Recorded		
											Name of parameter	Performance	
												Without NF practice	With NF practice
1	Godda	Madheshyam Sahoo	Vill: Ghatiyari, Block: Sunderpahadi Godda, Mob: 9798912326	2	1.5	Paddy-Mustard	2	0.4 ha	Finger Millet	A-404, Beejamrit, Jeevamrit, Neemastra and Agniastra	Plant height (cm)	118.4	109.3
											Other relevant parameter	-	-
											Yield (q/ha)	18.5	14.9
											Cost of cultivation (Rs/ha)	29360	20500
											Gross Return (Rs/ha)	74000	59600
											Net Return (Rs/ha)	44640	39100
											B:C Ratio	2.52	2.90
											Soil PH	6.3	6.6
											Soil OC (%)	0.52	0.59
											Soil EC (dS/m)	0.22	0.16
											Available N (Kg/ha)	284.2	285.5
											Available P (Kg/ha)	21.8	23.6
											Available K (Kg/ha)	166.4	168.7
											Soil Microbes (cfu)	18.6	23.0
											Any other, specify		
Feedback of farmer: Satisfactory													

Information of Farmer Already Practicing Natural Farming													
S. No.	Name of District	Name of Farmer	Name of Village and address with contact No	No. of Indigenous (Desi Cows)	Land Holding (ha)	Normal Crops Grown	No. of Years practicing in Natural Farming	Area (ha) Covered under Natural Farming	Crop Grown under Natural Farming	Natural Farming Technology practicing/ adopted	Observations Recorded		
											Name of parameter	Performance	
												Without NF practice	With NF practice
1	Godda	Madheshyam Sah	Vill: Ghatiyari, Block: Sunderpahadi Godda, Mob: 9798912326	2	1.5	Paddy-Linseed-Mustard	2	0.4 ha	Wheat	Swarna Pratibha+ Beejamrit+ Jeevamrit+Neemastra+Agniastra	Plant height (cm)	76.4	67.5
											Other relevant parameter	-	-
											Yield (q/ha)	34.5	25.1
											Cost of cultivation (Rs/ha)	38750	28500
											Gross Return (Rs/ha)	69000	50200
											Net Return (Rs/ha)	30250	21700
											B:C Ratio	1.78	1.76
											Soil PH	6.2	6.5
											Soil OC (%)	0.54	0.6
											Soil EC (dS/m)	0.26	0.21
											Available N (Kg/ha)	285.4	286.8
											Available P (Kg/ha)	21.7	23.7
											Available K (Kg/ha)	166.3	150.4
											Soil Microbes (cfu)	19.9	22.8
											Any other, specify		
Feedback of farmer: Satisfactory													

Soil Data information

Soil Parameter for Demo plot at KVK Farm

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)
Kharif	Finger Millet	6.4	0.18	0.57	283.5	22.43	162.50	20.56	6.58	0.17	0.59	287.2	24.56	163.5	24.86
Rabi	Mustard	6.5	0.17	0.59	258.5	24.56	163.5	24.86	6.80	0.15	0.60	252.31	25.50	166.3	25.52

Soil Parameter for Non-Demo plot at KVK Farm

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)
Kharif	Finger Millet	6.4	0.19	0.50	282.4	21.56	162.56	19.75	6.56	0.18	0.55	275.53	19.52	160.80	19.25
Rabi	Mustard	6.56	0.18	0.55	275.53	19.52	160.80	19.25	6.60	0.19	0.54	272.30	18.75	158.5	18.75

Soil Parameter for Demo plot at Farmer's Field

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)
Kharif	Finger Millet	6.4	0.18	0.57	283.5	22.43	162.50	20.56	6.58	0.17	0.59	280.7	20.34	160.75	24.86
Rabi	Mustard	6.58	0.17	0.59	280.7	20.34	160.75	24.86	6.80	0.15	0.60	278.31	18.50	158.3	25.52

Soil Parameter for Non- Demo plot at Farmer's Field

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)
Kharif	Finger Millet	6.5	0.19	0.54	287.1	23.5	164.3	17.42	6.6	0.20	0.50	280.1	21.2	163.2	16.8
Rabi	Mustard	6.6	0.20	0.50	280.1	21.2	163.2	16.8	6.60	0.19	0.54	288.2	26.4	166.3	15.7

Financial information

Budget Expenditure (Rs. in Rs)				
Name of activity	Number of activities organized	Budget sanction (Rs)	Budget expenditure (Rs)	Total Budget Expenditure (Rs)
Training	9		360000	
Awareness Programme	5		40000	
Demonstration	10		40000	
Miscellaneous	-		52500	
Total			492500	

	Glimpses of various Activities (Good Quality Action Photographs)		
Name of activity	1	2	3
Training programmes			

Awareness programmes			
Demonstrations (KVK/Farmer filed)			
Any other activities			

11.7 CRA (Climate Resilient Agriculture): NA

Technology demonstrated/ interventions	Cropping system	Farming System crop under demonstration			Area under Demonstration (in acre)			No. of farmers under demonstration			Category				Crop Yield (q/ha)			System productivity (q/ha)	Total return (Rs./ ha)	Yield obtained under Farmer Practices (q/ha)	Exposure visit (no.)	Number of farmers under exposure
		Kharif	Rabi	Summer	Kharif	Rabi	Summer	Male	Female	Total	SC	ST	OBC	Gen	Kharif	Rabi	Summer					

11.8 District Agro Meteorological Unit (DAMU)

S. No	No. of Block agromet advisories send	No. of advisory bulletin published	No. of Farmers Awareness programmes organized	No. of farmers feedback received	No. of farmers received agromet advisory bulletin	No. of publication
	54: AAB	92	37	93	17200	1
	26: Special Advisory					
	12: IBF					

11.9 KSHAMTA: NA

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

11.10 Agri-Drone: NA

S. No.	Name of parameter	Details of parameter
1	Name of the project implementing centre (PIC)	
2	No. of Agri Drones Sanctioned	
3	No. of Agri Drones Purchased	
4	Amount sanctioned (Rs)	
5	Purchased cost of each Drone (Rs.)	
6	Company and Model of Drone	
7	Name and contact No of Agri Drone Pilot	
8	Target Area for Agri Drone Demonstration (ha) (1 demo = 1 ha area)	
9	Amount sanctioned for Agri Drone Demonstrations (Rs.)	
10	Amount utilised for Agri Drone Demonstrations (Rs.)	
11	Area covered under demos (area in ha)	
13	Operation carried out (Pesticide/Weedicide/Nutrient application) in demonstration organised	
14	Number of farmers participated during demonstration	
15	Advantages of using Agri Drones as observed during the demonstrations	

Details of Demonstrations under Agri-drone Project: NA

	Name of district	Date of demonstration	Place of demonstration	Crop Name	No. of demos	Area covered under demos (area in ha)	No of farmers participated
Demos on insecticide spray							
Demos on weedicide spray							
Demos on nutrient spray							

11.11 Augmenting Rapeseed- Mustard Production of Tribal Farmers of Jharkhand state for Sustainable Livelihood Security under Scheduled Tribe Component: NA

Varieties used	Situations (Irrigated/ Rainfed)	Varieties used in FP	Yield (Kg/ha)		YIOFP (%)	COC (Rs./ha)		GMR (Rs./ha)		ANMR (Rs./ha)	B:C ratio GMR/CoC	
			IP	FP		IP	FP	IP	FP		IP	FP

S.No	Item /Activity	Units	Quantity	No of beneficiaries
1	Training (Capacity building /skill development etc)			
1.1	1-3 days	No.		
2	Frontline demonstration (FLDs) and other demonstrations			
2.1	Area under FLDs	Hectare		
3	Awareness camps, exposure visit etc	No.		
4	Input Distribution			
4.1	Seeds (Field Crops)	Kg		
4.2	Small equipment's (Upto ₹ 2000)	No.		
4.3	Large equipment's (more than ₹2000)	Nos.		
4.4	Fertilizers (NPK)/ Secondary/ Micro Fertilizers	Kg		
4.5	Plant Protection chemicals	Lit.		
5	Distribution of Literature	No.		
6	Kisan Mela	No.		
7	Any other (specify)	No.		
8	Total Budget Utilized	Rs		

12. OTHER INDFROMATION

12.1 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.	Aquaculture	0.3	5.1 q	20500	61200	150	10 - 15
2.	Crop based	1.0	Paddy – 20 q Wheat – 16 q	18000 17500	26000 22400	28000-30000 8000-10000	22-24 6-8
3.	Horticulture based	0.2	Vegetables Guava	43715 22965	122400 66600	10000-12000 2000-3000	8-10 2-3
4.	Livestock based	30 No. 500 No.	Piglet Duck	54750 7500	84000 20000	1000-1200 1200-1500	1-1.5 1-2

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.	Aquaculture		01	0.3	01	02	45	50
2.	Crop based		02	1.0	04	05	110	126
3.	Horticulture based		02	0.2	04	05	120	160
4.	Livestock based		02	30 No. 500 No.	02	03	55	70

12.2 Report on Digital Farming Initiatives in Agriculture/ Digital Ag. Extension Service: NA

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					

12.3 . PPV & FRA Programme: NA

Date of training/awareness programme	Venue	Resource Person	No. of participants

Details of plant varieties registered:

Name of crop Registered	Year of registration	Registration number	Farmer name and details	Adress of the farmers
Barley	03.11.2023	REG/2014/1778	Lalia Devi	Village & Panchayat: Pipra, Block: Pathargama, Dist: Godda
Barley	04.08.2020	REG/2014/1779	Aruna Devi	Village & Panchayat: Chitra, Block: Pathargama, Dist: Godda
Chickpea	12.11.2020	REG/2014/1810	Anjani Devi	Village & Panchayat: Chitra, Block: Pathargama, Dist: Godda
Green Gram	04.08.2020	REG/2014/1816	Aruna Devi	Village & Panchayat: Chitra, Block: Pathargama, Dist: Godda
Green Gram	04.08.2020	REG/2014/1817	Meena Devi	Village: Rangatand, Panchayat: Pipra, Block: Pathargama, Dist: Godda
Rapeseed (Toria)	26.11.2023	REG/2014/1834	Guddi Kumari	Village & Panchayat: Pipra, Block: Pathargama, Dist: Godda
Rapeseed (Toria)	26.11.2023	REG/2014/1837	Saraswati Devi	Village & Panchayat: Pipra, Block: Pathargama, Dist: Godda
Rice	12.10.2020	REG/2015/1174	Rohi Lal Mahto	Village: Daharlangi, Panchayat: Paraspani, Block: Pathargama, Dist: Godda
Rice	12.10.2020	REG/2015/1175	Rohi Lal Mahto	Village: Daharlangi, Panchayat: Paraspani, Block: Pathargama, Dist: Godda
Rice	12.10.2020	REG/2015/1176	Rohi Lal Mahto	Village: Daharlangi, Panchayat: Paraspani, Block: Pathargama, Dist: Godda
Rice	12.10.2020	REG/2015/1177	Niranjan Pd. Singh	Village: Kakna, Panchayat: Nepura, Block: Godda, Dist: Godda

Rice	19.12.2023	REG/2015/1178	Maria Goreti Soren	Village: Borwa, Panchayat: Chandana, Block: Sunderpahari, Dist: Godda
Rice	12.10.2020	REG/2015/1179	Maria Goreti Soren	Village: Borwa, Panchayat: Chandana, Block: Sunderpahari, Dist: Godda
Rice	12.10.2020	REG/2015/1180	Poilna Tudu	Village: BaraSindri, Panchayat: BaraSindri, Block: Sunderpahari, Dist: Godda
Rice	12.10.2020	REG/2015/1181	Poilna Tudu	Village: BaraSindri, Panchayat: BaraSindri, Block: Sunderpahari, Dist: Godda
Rice	12.10.2020	REG/2015/1182	Waqil Rai	Village: Anjana, Panchayat: Hasankararia, Block: Mahagama, Dist: Godda
Rice	12.10.2020	REG/2015/1184	Pawan Kumar	Village: Bisanpur, Panchayat: Koyla, Block: Mahagama, Dist: Godda
Indian Mustard (Sarso)	02.11.2023	REG/2015/1191	Poilna Tudu	Village: BaraSindri, Panchayat: BaraSindri, Block: Sunderpahari, Dist: Godda
Indian Mustard (Sarso)	26.11.2023	REG/2015/1192	Poilna Tudu	Village: BaraSindri, Panchayat: BaraSindri, Block: Sunderpahari, Dist: Godda
Indian Mustard (Sarso)	26.11.2023	REG/2015/1196	Maria Goreti Soren	Village: Borwa, Panchayat: Chandana, Block: Sunderpahari, Dist: Godda
Barley	04.08.2020	REG/2015/1201	Rohi Lal Mahto	Village: Daharlangi, Panchayat: Paraspani, Block: Pathargama, Dist: Godda
Wheat	29.11.2023	REG/2017/1823	Ritu Devi	Village: Murlidih, Panchayat: Pandubathan, Block & Dist: Godda
Wheat	29.11.2023	REG/2017/1824	Bilasi Devi	Village: Murlidih, Panchayat: Pandubathan, Block & Dist: Godda
Wheat	29.11.2023	REG/2017/1825	Yashoda Devi	Village: Murlidih, Panchayat: Pandubathan, Block & Dist: Godda
Wheat	29.11.2023	REG/2017/1826	Surajmuni Devi	Village: Jamua, Panchayat: Pandubathan, Block & Dist: Godda
Pigeon pea	26.11.2023	REG/2017/1841	Rajaram Pahariya	Village: Dandagora, Panchayat: Kairasole, Block: Sunderpahadi, Dist: Godda
Pigeon pea	26.11.2023	REG/2017/1842	Maga Pahariya	Village: Liladhoni, Panchayat: Kairasole, Block: Sunderpahadi, Dist: Godda
Pigeon pea	26.11.2023	REG/2017/1843	Sunil Kumar Jha	Village: Redi, Panchayat: Dhondri, Block & Dist: Godda
Pigeon pea	26.11.2023	REG/2017/1845	Kapil Paharia	Village: Kerkuria, Panchayat: Kairasole, Block: Sunderpahari, Dist: Godda
Pigeon pea	08.11.2023	REG/2017/1846	Chamara Paharia	Village: Liladhoni, Panchayat: Kairasole, Block: Sunderpahari, Dist: Godda
Pigeon pea	26.11.2023	REG/2017/1847	Asiya Devi	Village: Murlidih, Panchayat: Pandubathan, Block & Dist: Godda
Pigeon pea	08.11.2023	REG/2017/1848	Pabiya Devi	Village: Murlidih, Panchayat: Pandubathan, Block & Dist: Godda
Pigeon pea	26.11.2023	REG/2017/1849	Manju Hansda	Village: Jamua, Panchayat: Pandubathan, Block & Dist: Godda
Indian Mustard (Sarso)	08.11.2023	REG/2017/1854	Niranjan Jha	Village: Redi, Panchayat: Dhondri, Block & Dist: Godda
Indian Mustard (Sarso)	26.11.2023	REG/2017/1855	Jome Pahariya	Village: Liladhoni, Panchayat: Kairasole, Block: Sunderpahadi, Dist: Godda
Wheat	29.11.2023	REG/2017/1856	Sulochana Devi	Village: Murlidih, Panchayat: Pandubathan, Block & Dist: Godda

12.4 . a. Observation of Swachhta hi Sewa (2nd -31st Oct 2024)

Date/ Duration of Observation	Total No of Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
02.10.2024, 05.10.2024, 15.10.2024, 18.10.2024, 20.10.2024, 22.10.2024, 25.10.2024, 28.10.2024, 30.10.2024, 31.10.2024	15	16	380	40	436

b. Observation of Swachta Pakhwada (15th Dec -31st Dec 2024) : NA

Date/ Duration of Observation	Total No of Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total

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

S.No	Activities	No of village covered	Total Expenditure (Rs.in Lakhs)
1.	Vermicomposting	02	0.25
S.No	Activities	Name of activities conducted	Total Expenditure
1.	Activities under Swachata Other than vermicomposting	Swacchata Pledge, Awareess programme on swachhata, Cleaning of office premises and demo units, farmers hostel , Poster campaign, Tree plantation in campus and school under Ek ped maa ke naam plantation drive, Identification and rectification of black spot	0.095

12.5 <u>Good quality action photographs with caption in JPEG FORMAT SEPARATELY of overall achievements of KVK during the year</u>

Annexure – I

Details of training programme

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of SC/ST			Number of participants (Others			Over all participants
					M	F	Total	M	F	Total	
Animal Science	PF	Composite fish culture & feed management	1	Off	1	2	3	7	24	31	34
Animal Science	PF	Millets (Pearl Millet, Sorghum) forage production for livestock	1	Off	10	15	25	0	0	0	25
Animal Science	PF	Feeding and disease management of goat	1	Off	0	0	0	10	15	25	25
Animal Science	PF	Millet forage Feeding Management for cattle	1	Off	12	13	25	0	0	0	25
Animal Science	RY	Improved technology for goatry Production	5	On	22	28	50	0	0	0	50
Animal Science	RY	Poultry Production	5	On	28	22	50	0	0	0	50
Animal Science	PF	Feeding management of poultry	1	Off	0	0	0	16	10	26	26
Animal Science	RY	Improved technology for goatry Production	5	On	1	10	11	12	2	14	25
Animal Science	PF	Improved method of rearing of pigs in village area	1	Off	3	27	30	0	0	0	30
Animal Science	PF	Disease management of duck	1	Off	0	25	25	0	0	0	25
Animal Science	PF	Feeding and Disease management of fishes	1	Off	8	24	32	0	0	0	32
Animal Science	PF	Feeding and Disease management of poultry	1	Off	18	15	33	0	0	0	33
Animal Science	RY	Management for piggery Production	1	On	23	2	25	0	0	0	25
Animal Science	PF	Vaccination prgramme of livestock	1	Off	0	26	26	0	0	0	26
Animal Science	RY	Piggery Management	5	On	24	1	25	0	0	0	25
Animal Science	PF	Disease management of Livestock	1	Off	5	20	25	0	0	0	25
Animal Science	PF	Feeding management of pregnant and milch animals	1	Off	5	23	28	0	0	0	28
Animal Science	EF	Improved technology on disease management	1	On	1	1	2	24	1	25	27
Plant Protection	PF	Management of viral disease in lady's finger	1	Off	0	25	25	0	0	0	25
Plant Protection	PF	Seed treatment in major Kharif crops	1	Off	0	25	25	0	0	0	25
Plant Protection	PF	Important insect pests of paddy and their management	1	Off	0	27	27	0	0	0	27
Plant Protection	EF	IPM in paddy	1	On	0	27	27	0	0	0	27
Plant Protection	PF	Imp. Insect pests of maize and their management	1	Off	2	23	25	0	0	0	25
Plant Protection	PF	Important diseses of paddy and their management	1	Off	0	25	25	0	0	0	25
Plant Protection	RY	Mushroom Production	5	On	18	36	54	22	3	25	79
Plant Protection	PF	Management of wilt disease in solanaceous vegetables	1	Off	0	26	26	0	0	0	26
Plant Protection	PF	Late blight disease of potato and their management	1	Off	1	24	25	0	0	0	25
Plant Protection	PF	Bee Keeping	1	Off	8	19	27	0	0	0	27
Plant Protection	PF	Aphid management in mustard	1	Off	1	24	25	0	0	0	25
Plant Protection	PF	Pod borer management in pulses	1	Off	2	23	25	0	0	0	25

Plant Protection	EF	Importance of biopesticides	1	On	5	20	25	0	0	0	25
Plant Protection	RY	Mushroom Production	5	On	5	20	25	0	0	0	25
Plant Protection	PF	Insect pests of mango and their management	1	Off	3	20	23	0	0	0	23
Plant Protection	PF	Management of insect pests in natural farming.	1	Off	0	25	25	0	0	0	25
Horticulture	PF	Management of newly established mango orchard	1	Off	5	20	25	0	0	0	25
Horticulture	PF	Techniques for nursery raising of solanaceous vegetables	1	Off	5	20	25	0	0	0	25
Horticulture	PF	Garden Keeper	27	On	0	0	0	19	1	20	20
Horticulture	PF	Nutrient management in mango orchards	1	Off	0	25	25	0	0	0	25
Horticulture	EF	Role of MI in horticultural crops	1	On	0	25	25	0	0	0	25
Horticulture	PF	Scientific cultivation of tomato	1	Off	0	25	25	0	0	0	25
Horticulture	PF	Scientific Cultivation of marigold	1	Off	0	25	25	0	0	0	25
Horticulture	PF	Cultivation techniques of cole crops	1	Off	0	27	27	0	0	0	27
Horticulture	PF	Production techniques of high value crops	1	Off	1	24	25	0	0	0	25
Horticulture	PF	Scientific cultivation of seed Spices	1	Off	1	24	25	0	0	0	25
Horticulture	PF	Package and practices of cultivation of onion	1	Off	5	21	26	0	0	0	26
Horticulture	PF	Scientific cultivation of okra	1	Off	3	20	23	0	0	0	23
Horticulture	PF	High density orchard of guava	1	Off	0	25	25	0	0	0	25
Horticulture	RY	Good agricultural practices for cultivation of high value crops	5	On	7	18	25	0	0	0	25
Horticulture	EF	Promotion of organic farming	1	On	10	0	10	15	0	0	25
Horticulture	RY	Plant propagation techniques in fruit crops	5	On	0	25	25	0	0	0	25
Home Science	PF	Supplementary nutrition for infants from locally available agro products	1	Off	0	25	25	0	0	0	25
Home Science	PF	Method of preparation of high efficient low cost nutritionally effective weaning food	1	Off	0	26	26	0	0	0	26
Home Science	PF	Preventing nutrient loss during cooking	1	Off	8	17	25	0	0	0	25
Home Science	PF	Awareness about safe grain storage	1	Off	12	13	25	0	0	0	25
Home Science	PF	Preservation of seasonal fruits & vegetables	1	Off	0	27	27	0	0	0	27
Home Science	RY	Stitching of Appliqué	5	On	0	20	20	0	5	5	25
Home Science	EF	Nutritional security	1	On	0	15	15	0	10	10	25
Home Science	PF	Income generation by value addition	1	Off	0	27	27	0	0	0	27
Home Science	PF	Importance of Millet in diet	1	Off	3	23	26	0	0	0	26
Home Science	PF	Balance diet for lactating mothers	1	Off	0	25	25	0	0	0	25
Home Science	PF	Nutritional garden for nutrition security	1	Off	8	23	31	0	0	0	31
Home Science	PF	Value addition of finger millets	1	Off	0	28	28	0	0	0	28
Home Science	PF	Preservation of seasonal fruits & vegetables	1	Off	0	25	25	0	0	0	25
Home Science	PF	Production, packaging, and marketing of vermicompost	1	Off	0	27	27	0	0	0	27
Ag. Extension	PF	Method of rain water harvesting	1	Off	1	24	25	0	0	0	25
Ag. Extension	PF	Method of soil sample collection for analysis	1	Off	0	26	26	0	0	0	26

Ag. Extension	PF	Integrated farming system	1	Off	12	13	25	0	0	0	25
Ag. Extension	PF	Millets for opportunities in Natural Farming	1	Off	23	6	29	0	0	0	29
Ag. Extension	EF	Marketing linkages of Millets Produces	1	On	14	1	15	8	2	10	25
Ag. Extension	PF	Formation & Management of SHGs	1	Off	2	23	25	0	0	0	25
Ag. Extension	RY	Integrated farming system	1	On	8	0	8	12	5	17	25
Ag. Extension	PF	Preparation of Jeevamrit, Beejamrit, Ghan Jeevamrit, Neemastra and their Use in Agriculture	1	Off	0	25	25	0	0	0	25
Ag. Extension	PF	Formation & Role of FPO/FPC	1	Off	13	12	25	0	0	0	25
Ag. Extension	PF	Method of soil sample collection for analysis	1	Off	5	3	8	5	12	17	25
Ag. Extension	PF	Marketing linkage of SHGs produce.	1	Off	5	21	26	0	0	0	26
Ag. Extension	RY	Entrepreneurship Development of farmers in Millets	1	On	1	17	18	2	6	8	26
Ag. Extension	PF	Leadership Development among farmers	1	Off	8	17	25	0	0	0	25
Ag. Extension	PF	Techniques of soil and water management	1	Off	2	24	26	0	0	0	26
Ag. Extension	EF	Organic Farming and Composting	1	On	1	7	8	2	15	17	25
Ag. Extension	PF	Marketing Linkages of FPO	1	Off	0	25	25	0	0	0	25

Annexure – II

Proceeding of 18th Scientific Advisory Committee meeting at GVT-KVK, Godda

The 18th Scientific Advisory Committee (SAC) meeting was held on dated 29th November, 2024 in the training hall of GVT-KVK, Godda under the chairmanship of Shri Rajiv Kumar Kansal, Chief Executive Officer, Gramin Vikas Trust connected by virtual mode from Noida. The SAC meeting was also graced by Dr. Amrendra Kumar, Principal Scientist, ICAR - ATARI, Zone – IV, Patna. Other dignitaries presented during the SAC meeting were Shri. Manoj Kumar Mishra, Reginal Programme Manager, Gramin Vikas Trust, Ranchi, Dr. Rakesh Sexena, Associate Director, ZRD, Dumka, Sri Chandan Kumar Chauhan, LDM, Godda, Smt. Nutan Raj, DDM, NABARD, Godda, Shri Ashian Minz, DHO, Godda, Shri Mukesh Kumar, DAO, Godda, Shri Sagar Kumar, Area Manager IFFCO, Godda and head of all line departments, representatives of NGOs, CEOs/BODs of the Farmer Producer Organization (FPO), progressive farmers and farm women of the district.

Dr. Ravi Shanker, Sr. scientist cum Head, GVT-KVK, Godda extended a warm welcome to all the dignitaries and respected members. He had presented action taken report of the suggestions given by house during last year meeting (2023 – 24). After that he had summarized the progress of the GVT - KVK, Godda for playing a pivotal role for dissemination of recent technology through training, assessment and demonstration of technologies/products of agriculture and allied sectors during last seventeen years. He had also summarized the suitable technological option to small holder farm's family for sustainability and enhancement of livelihood. The KVK Godda, has organized organized 39 nos. of off campus training for practicing farmers of Godda district in which total 1003 nos. of the farmers imparted training. Out of 1003 nos. of the farmers 898 nos. were tribal farmers and 3 nos. were schedule caste and rest 102 nos. of farmers were other caste. On importance of Soil health Programme, during the year (2023-24) 2579 nos. of soil testing sample are analyzed and soil health cards were distributed to the farmers. The other important programme implemented by the KVK in the district are awareness programme of Natura Farming in 4 villages with 166 nos. of farmers, Celebration of important day like PM Kishan Samman Nidhi , National Science day, International Women days, ICAR Foundation day etc. in large scale. During the Year 101 nos. of extension activities were carried by KVK, Godda in which 17033 nos. of farmers, 495 nos. of extension official were participated during the programme. Under skill development for rural youth KVK Godda has organized 6 nos. of training programme in which 257 nos. of rural youth benefitted. Also, he had briefly narrated about large scale seed production programme from foundation seed to certified seed through progressive farmers in the district and breeder to foundation at KVK farm. He had also focused on the institutional building at villages' level by facilitating and nurturing the 5 nos. of FPOs (Farmers Producer Organization) and implementation of Millet Cultivation and its upscaling in Godda District through farmers by financial support of NABARD, Ranchi. He has also summarized the activities of NICRA project and their impact in the villages. After that each SMS had presented their achievements as per the action plan in detail during the current year and the action plan for rest of the year was also discussed.

All members of SAC meeting had appreciated work done specially the wide spread technologies by the Krishi Vigyan Kendra, Godda, for the district and during the discussion they have suggested following points for action:

Sl. Nos.	Suggestion	Responsibility
1.	Training should be organized in proper time or as per the demand of the farmers. Also it should be organized at Field level.	KVK, team
2.	Yield of high value vegetable like broccoli should be recorded	SMS, Hort.
3.	Study on paclobutrazol for alternate bearing of the mango plant should be repeat to see the impact of the chemicals.	SMS, Hort.
4.	Under OFT programme of Animal science how much fodder produced per tree or per acre should be recorded.	SMS Animal Science
5.	SMS Animal Science should be well equipped with kits of animal urine, stool and others important examination.	SMS Animal Science
6.	Area and nos. of farmers should be large under FLD programme	SMS, Plant Protection
7.	Area and nos. of farmers should be enhanced in Kharif onion crop for show the better result.	SMS Hort.
8.	Under Kitchen gardening yield of each crops should be recorded and caloric value of each crops should mention in the results.	SMS. Home science
9.	Under Training programme impact study should be conducted to know the adoption of the programme and benefit obtained from the crops.	SMS, Agril. Extension
10.	Training Programme of Rabi crops as well as kharif crops should be planned before onset of season.	KVK, Team
11.	KVK should establish system to tackle the vagaries of weather situation in large nos. of farmers.	KVK, team
12.	KVK should more focus on climate resilient crops in large nos. crops and farmers.	KVK, Team
13.	During training programme KVK team should focus on importance of NPA in banking syatem	KVK, Team
14.	KVK should impart training programme on alternative use of DAP of importance of Nano Urea and DAP. So that consumption of chemical fertilizer may reduced some to extent.	KVK, Team
15.	Integrated Model of farming should be established at KVK farm for model of farmers in the district.	KVK, Team
16.	Request to agriculture department for infra structure development of the KVK and also from banking department.	KVK, Team
17.	Condemnation of Vehicle	SSH

The SAC meeting was concluded with the vote of thanks proposed by Dr. A. P. Thakur, Programme Assistant on behalf of GVT-Krishi Vigyan Kendra, Godda. He expressed deep gratitude and thanks to Chief Executive Officer, GVT, Noida for virtual participation and providing critical valuable suggestions during the 18th SAC meeting and for

future action plan. Due thanks and indebtedness were expressed to Dr. Amrendra Kumar, Principal Scientist, ATARI, Zone - IV, ICAR, Patna for providing valuable suggestions for positive and creative suggestion. Due thanks and indebtedness were also expressed to Shri M.K Mishra, RPM, GVT, Ranchi, Associate Director Dr. Rakesh Saxena, ZRS, Dumka and all line departments including, DDM, Godda, DAO, Godda, DHO, Godda, LDM, District Programme Manager, JSPL, Godda, Dy Director, ATMA for gracing the occasion by his benign presence and valuable constructive suggestions. Thanks, were also conveyed to all NGOs partners PRADAN and EFICORE, Progressive farmers/women, BODs/CEOs members of FPO, media persons and staff members of GVT-KVK, Godda. List of the participants are attached in Annex-I.

(Dr. Ravi Shanker)
Sr. scientist cum Head
GVT-KVK, Godda