

# **ACTION PLAN**

**Year- 2026**



**Krishi Vigyan Kendra Gumla**

**Vikas Bharti Bishunpur**

**Gumla, Jharkhand**

**ICAR-ATARI Patna, Zone-IV**

**Email- [kvk.gumla@gmail.com](mailto:kvk.gumla@gmail.com)**

**Website : <https://gumla.kvk4.in>**

# ACTION PLAN

(1<sup>st</sup> January to 31 December, 2026)

## 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	Website
	Office	FAX		
Krishi Vigyan Kendra, Gumla Vikas Bharti Bishunpur Po – Bishnpur Dist – Gumla PIN – 835 231 State – Jharkhand	06523-297004		kvk.gumla@gmail.com	gumla.kvk4.in

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

Address	Telephone		E mail	Website
	Office	FAX		
Vikas Bharti Bishunpur Po – Bishnpur Dist – Gumla PIN – 835 231 State – Jharkhand	-	-	vikasbharti1983@hotmail.com	www.vikasbharti.org

1.2.b. Status of KVK website : Yes ; Date when the website last updated: 14.05.2026

1.2.c. No. of Visitors (Hits) to your KVK website (as on today) :159609

1.2.d Status of ICT lab at your KVK : Good working

- a) No. of PC units : 07
- b) No. of Printers : 05
- c) Internet connection : Yes

### 1.3. Name of the Senior Scientist & Head with phone & mobile no.

Name	Telephone / Contact		
	Office	Mobile	Email
Dr. Brijesh Pandey	06523-297004	9430955950	kvk.gumla@gmail.com

1.4. Year of sanction: F. No. 6-1/1998-AE-1 dated May 20, 2004

**1.5. Staff Position (as on 1<sup>st</sup> January, 2026)**

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Grade Pay	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)	Mobile No.	Email id	Please attach recent photograph
1	Senior Scientist & Head	Dr. Brijesh Pandey	Senior Scientist & Head	Horticulture	187200 Level-13A	13 A	131400	01/09/25	Permanent	Others	9430955950	kvk.gumla@gmail.com	
2	Subject Matter Specialist	Mr. Sunil Kumar	Subject Matter Specialist	Horticulture	84900 Level- 10	10	95500	03/06/06	Permanent	OBC	9470978051	kvk.gumla@gmail.com	
3	Subject Matter Specialist	Mr. Neeraj Kumar Vaishya	Subject Matter Specialist	Soil Science	84900 Level- 10	10	95500	05/06/06	Permanent	OBC	9334326632	kvk.gumla@gmail.com	
4	Subject Matter Specialist	Mrs. Nisha Tiwari	Subject Matter Specialist	Home Science	69000 Level- 10	10	77700	24/04/09	Permanent	Others	9334345378	kvk.gumla@gmail.com	
5	Subject Matter Specialist	Atal Bihari Tiwari	Subject Matter Specialist	Plant Protection	67000 Level- 10	10	75400	01/11/13	Permanent	Others	7482098079	kvk.gumla@gmail.com	
6	Subject Matter Specialist	Er. Eno Rai	Subject Matter Specialist	Ag. Eng	67000 Level- 10	10	75400	01/11/13	Permanent	OBC	6296667259	kvk.gumla@gmail.com	
7	Subject Matter Specialist	Dr. Binod Kumar	Subject Matter Specialist	Vet. & Ani. Sc.	59500 Level- 10	10	67000	18/10/16	Permanent	OBC	6206923728	kvk.gumla@gmail.com	
8	Farm Manager	Mr. Rajeev Kumar Singh	Farm Manager	B. Sc. (Ag)	55200 Level- 6	6	62200	14/01/06	Permanent	Others	8210330740	kvk.gumla@gmail.com	
9	Computer Programmer	Mrs. Sweta Vishwakarma	Programme Assistant (Computer)	BCA	55200 Level- 6	6	62200	14/01/06	Permanent	OBC	9835590350	kvk.gumla@gmail.com	
10	Accountant / Superintendent	Mr. Ratan Oraon	Programme Assistant (Accounts)	B.A.	55200 Level- 6	6	62200	14/01/06	Permanent	ST	9102700483	kvk.gumla@gmail.com	
11	Programme Assistant	Mr. Mritunjay Kumar Singh	Programme Assistant	B. Sc. (Ag)	53600 Level- 6	6	60400	01/02/07	Permanent	Others	9631355220	kvk.gumla@gmail.com	

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Grade Pay	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OB C/ Others)	Mobile No.	Email id	Please attach recent photograph
12	Stenographer	Vacant	-	-	-	-	-	-	-	-	-	kvk.gumla@gmail.com	-
13	Driver	Mr. Abhitendra Oraon	Driver	I.A	29300 Level-3	3	37200	14/01/06	Permanent	ST	7979755959	kvk.gumla@gmail.com	
14	Driver	Mr. Jeetendra Kherwar	Driver	Matric	26000 Level-3	3	30200	01/11/13	Permanent	ST	9471119165	kvk.gumla@gmail.com	
15	Supporting staff	Mr. Ajay Oraon	Supporting Staff	I.A.	25600 Level-1	1	30600	14/01/06	Permanent	ST	7061104680	kvk.gumla@gmail.com	
16	Supporting staff	Mr. Ramesh Oraon	Supporting staff	Matric	25600 Level-1	1	30600	28/01/06	Permanent	ST	7739233568	kvk.gumla@gmail.com	

**1.6. Total land with KVK (in ha) :**

S. No.	Item	Area (ha)
1	Under Buildings	0.12
2.	Under Demonstration Units	0.13
3.	Under Crops	4.48
4.	Horticulture	0.28
5.	Pond	0.14
6.	Orchard	4.42
7.	Forest	10.4
8.	Others if any (Weather Station, Threshing floor)	0.28
	<b>Total</b>	<b>20.25</b>

**1.7. Infrastructural Development:**

**A) Buildings**

S. No.	Name of building	Source of funding		Stage					
		ICAR	RKVY	Completion Year	Complete Plinth area (Sq.m)	Expenditure (Rs.)	Starting year	Incomplete Plinth area (Sq.m)	Status of construction
1.	Administrative Building	√		2009	500	3785300	-	-	-
2.	Farmers Hostel	√		2009	305	2970000	-	-	-
3.	Staff Quarters (6)	√		2009	400	3470000	-	-	-
4.	Demonstration Units (2)	√		2012		1200000	-	-	-
5	Fencing	√		2007	2100	995000	-	-	-
6	Rain Water harvesting system	√		2007	Pond (30x40x3m) - 1 no 5% model (6 ft) -17 nos Sprinkler - 4 ha Drip - 2 ha	510000	-	-	-
7	Threshing floor	√		2007	100' x 100'	442000	-	-	-
8	Farm godown	√			(25 x 25) sq ft				
	Other								
9	IFS	√			1 ha				
10	Dairy unit	√			01				
11	Goatry unit	√			01				
12	Mushroom production unit	√			01				
13	Vermi Compost Production Unit	√			01				
14	Bee keeping	√			01				
15	Shade house	√			-				
16	Soil test Lab	√			01				
17	Poultry unit	√			01				
18	Mushroom Lab	√			01				
19	WBM Road	√			1 km				
20	Irrigation Channel	√			01				

**B) Vehicles**

Type of vehicle	Year of purchase	Source (ICAR/RKVY)	Cost (Rs.)	Total kms. run as on December, 2025	Present status
2 <sup>nd</sup> Bolero SLX (JH-01BF 1226)	March 2014	ICAR	799969.00	303322	Working
Motor cycle (JH-07F 6435)	Nov 2015	ICAR	59790.00	7107	Working
Motor cycle (JH-07F 9320)	Nov 2015	ICAR	59790.00	7945	Working
2 <sup>nd</sup> Tractor (JH 08 F 2076)	March 2017	ICAR	697199.00	312.4 Hrs.	Working

**C) Equipment's & AV aids**

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Computer	2007	21849.98	Not Working
Camera (S.C 600 Sony)	2007	13990.00	Not Working
Fax machine	2007	9880.00	Not Working
File cabinet	2007	23949.00	Working
File cabinet	2013	17120.00	Working
Generator (200 AC)	2007	41200.00	Not Working
Printer (color)	2006	2975.00	Not Working
Printer (Laser)	2007	16536.00	Not Working
P A System	2011	14625.00	Working
Xerox machine	2006	72800.00	Not Working
Fan	2007	4700.00	Not Working
Table (Mushroom Lab)	2016	35000.00	Working
Rack (Angel ) Mushroom Lab	2016	48000.00	Not Working
Iron Rack Mushroom Lab	2016	50000.00	Working
Biometric	2016	30100.00	Working
Sewing machine	2006	3609.00	Not Working
Projector	2008	55000.00	Not Working
Projector stand	2008	6000.00	Not Working
Laptop	2008	40040.00	Not Working
Mini Laptop	2013	19000.00	Not Working
Inverter	2009	4299.99	Working
Okaya Digi Turbo 6030 Battery)	2009	9500.00	Not Working
Colour photo copier	2011	75000.00	Not Working
Fax, Scanner combined	2011	16200.00	Working
Podium	2013	44460.00	Working
Genset 62.5 KV	2016	500000.00	Working
Rice mill unit	2016	86725.00	Working
Flour mill unit	2016	85790.00	Working
Candel unit	2016	11655.00	Working

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
BOD incubator	2016	264600.00	Not Working
Autoclaves	2016	264600.00	Working
Digital Balance	2016	13818.00	Working
Laminar flow	2016	382200.00	Working
Glass ware	2016	30870.00	Working
AC 1.5 TR	2016	199160.00	Working
AC 1.5 TR	2020	125400.00	Working
Refrigerator 258 liter	2016	26970.00	Working
Computer set	2017	47450.00	Working
CCTV set	2017	40193.00	Working
Camera	2017	21700.00	Working
Xerox machine	2019	107598.00	Working
LCD 32"	2019-20	19500.00	Working
Sound system	2021	16500.00	Working
LED 40"	2016-17	69000.00	Working
Kiosk machine	2017	113650.00	Working
Projector (K-Yan)	2017	124750.00	Working
Showcase	2018-19	13580.00	Working
Showcase with side table	2018-19	13000.00	Working
Projector	2021	299975.00	Working
Laptop	2021	60000.00	Working
Portable Projector & Screen	2023	24100.00	Working
Printer (HP 1005)	2023	23500.00	Working
Solar Panel (Office) 5 KVA	2023	328475.00	Working
Drone	2023	996000.00	Working
Gyser	2023	29400.00	Working
Moniter	2011	6600.00	Not Working
Printer	2014	13200.00	Not Working
Scanner	2007	3350	Not Working
Projector (Small)	2024	19500.00	Working
Projecter Stand	2024	4600.00	Working
TV and accessories	2011	9333.00	Not Working
Fire extinguisher	2013	6498.00	Working
Water cooler	2016	18500.00	Working
Desktop computer (All in one)	2024	70000.00	Working

#### D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
<b>a. Lab equipment</b>				
Soil & water testing lab	2017	1700063.00	Working	ICAR
Mini Lab	2017	86000.00	Working	ICAR

<b>b. Farm machinery</b>				
Tractor	2005	349454.00	Condemned	ICAR
Trailer	2005	55555.55	Working	ICAR
Belt pulley	2005	2770.78	Working	ICAR
Submersible pump	2007	18500.00	Working	ICAR
Generator 7.5kva, 3 Alternator	2007	557763.00	Working	ICAR
Kirloskar pump set 10Hp with HWED pump	2007	35000.00	Working	ICAR
Fertigation tank 30lit.	2007	15641.00	Not working	ICAR
Kirloskar pump set 8Hp	2008	--	Not working	JHALCO, Gumla
Electric pump 10Hp	2008	--	Working	JHALCO, Gumla
Sprayer	2009	5800.00	Working	ICAR
Weight machine	2009	8528.00	Working	ICAR
Wheat Thresher	2011	75015.00	Working	ICAR
Power chain saw	2011	36500.00	Working	ICAR
Paddy Thresher	2012	105000.00	Working	ICAR
Rotary Power Tiller	2013	--	Not working	Soil Conservation, Gumla
Self-propelled reaper (regal 4 HP) 06 no.	2014		Not Working	District soil conservation dept.
Eicher 241 tractor (without cultivator) - 01	2014		Working	-do-
Multi-crop thresher	2015		Working	Dist.
2 <sup>nd</sup> Tractor	2017	697199.00	Working	ICAR
Lac processing machine	2018		Working	ICAR-ARYA
<b>Drip irrigation system</b>				
a. PVC water tank (500 lit)- 01	2014		Working	Vikas Bharti Bishunpur
b. PVC dripline 200 m -01	2014		Working	District soil conservation dept.
c. Screen filler (1")-01	2014		Working	-do-

#### 1.8. A). Details of SAC meetings to be conducted in the year

Sl. No.	Date
1. Scientific Advisory Committee	20/04/2026

Suggestions of SAC meeting

## 2. DETAILS OF MICRO-FARMING SITUATIONS OF THE DISTRICT

### 2.1 Micro-farming situations

#### a) Characteristics

S. No.	Agro-Ecological situations (AES)	Existing Farming System (Crop + livestock + others)	Major soil types
1	AES 1 (High Upland)	Paddy + Livestock Maize/ G/N /Redgram + Blackgram / ragi + Livestock Mango + Wheat /Mustard /Pea / vegetables + Livestock	Sandy loam soil
2	AES 2 (Medium upland)	Paddy + Livestock Maize /G/N /Redgram + Blackgram /ragi +Livestock Mango + Wheat/ Mustard/ Pea/ vegetables+ Livestock Blackgram + Lac Groundnut + Lac	Loamy sandy soil
3	AES 3 (Medium Low land)	Paddy + Livestock Maize/ G/N/ Redgram +Blackgram /ragi+ Livestock Mango + Wheat /Mustard/ Pea/ vegetables + Livestock Blackgram + Lac	Sandy Loam

#### b) Land Characteristics

S.No	Agro-Ecological Situation (AES)	Topography	Drainage
1.	AES-1	High altitude, valleys, hills Sandy loam soil, Rainfed undulated land & dense forest (Bishunpur, Ghagra, Chainpur, Dumri Block )	50-60 %
2.	AES-2	Loamy sand soil, Rainfed, undulated land (Bharno, Sisai, Gumla Block).	30-40%
3.	AES-3	Sandy loam, valleys, hills, Rainfed, Moderately undulated land & Forest area (Raidih, Palkot, Basia, Kamdara Block)	55-65%

#### c) AES-wise major problems

S.No	Agro-Ecological Situation (AES)	Major problems	Rank
1.	AES 1 (High Upland)	1. Undulated land 2. Lack of Irrigation facilities 3. Quality Seed/ planting material availabilities 4. Erratic climatic condition 5. Acidic soil 6. Market facilities	1 2 3 4 5 6
2.	AES 2 (Medium upland)	1. Undulated land 2. Lack of Irrigation facilities	5 4

S.No	Agro-Ecological Situation (AES)	Major problems	Rank
		3. Quality Seed/ planting material availabilities	3
		4. Erratic climatic condition	1
		5. Acidic soil	2
		6. Market facilities	6
3.	AES 3 (Medium Low land)	1. Undulated land	4
		2. Lack of Irrigation facilities	2
		3. Quality Seed/ planting material availabilities	1
		4. Erratic climatic condition	3
		5. Acidic soil	5
		6. Market facilities	6

## 2.2. Area, Production and Productivity of major crops cultivated in the district (2025)

S. No	Crop	Area (ha)	Production (MT.)	Productivity (Qt./ha)	Yield gap (q/ha) with respect to demo of last year	Yield gap (q/ha) with respect to potential yield
1.	Paddy	185217	637893	34.35	8.75	28.20
2.	Maize	7348	22551	30.69	-	
3.	Ragi	8493	9215	10.85	7.74	10.91
4.	Wheat	10565	34748	32.89	6.71	37.16
5.	Redgram	12842	17594	13.70	-	-
6.	Blackgram	6315	7010	11.10	-	-
7.	Greengram	697	6340	9.1	-	2.4
8.	Chickpea	12797	130530	10.2	4.4	7.05
9.	Lentil	2211	16250	7.35	2.35	10.15
10.	Field Pea	8513	56610	6.65	-	-
11.	Groundnut	4648	64840	13.95	-	-
12.	Sesame	31	90	2.80	-	-
13.	Niger	1123	2530	2.25	2.55	4.0
14.	Mustard	20854	430640	20.65	-	-
15.	Linseed	1321	7990	6.05	5.25	8.7
16.	Mango	5050	30000	59.41	-	40.59
17.	Chilli	2080	23800	114.42	-	35.58
18.	Okra	1000	8500	85	-	40
19.	Veg. Pea	3100	48000	154.8		-
20.	Potato	2900	32200	110.03	62.86	110
21.	Tomato	2050	16800	81.95	233.99	143.05

Source: District agriculture/ horticulture department.

### 2.3. Weather data (2025)

Year	Month	Rainfall (mm)	No. of days	Temperature °C		Relative Humidity (%)	
				Maximum	Minimum	Max	Min
2025	January	0.0	0	26	8		
	February	5.8	1	29	11		
	March	34.8	2	32	19		
	April	40.1	5	39	20		
	May	92.6	11	44	24		
	June	351.8	16	38	24		
	July	432.4	28	34	23		
	August	233.5	19	32	23		
	September	200.8	19	30	22		
	October	61.5	8	30	18		
	November	0.9	1	27	10		
	December	0.0	0	21	6		
<b>Total</b>		<b>1454.20</b>	<b>110</b>				

### 2.4 Production and productivity of livestock, Poultry, Fisheries etc. in the district (2025)

Category	Population	Production	Productivity	Productivity gap
<b>Cattle</b>	<b>560513</b>	--		
<b>Buffalo</b>	91077	--		
<b>Sheep</b>	7975	--		
<b>Goats</b>	614473	--		
<b>Pigs</b>	109617	--		
<b>Rabbits</b>	384	--		
<b>Poultry</b>	1331558	--		
Hens		--		
<i>Desi</i>		--		
Ducks	34839	--		
<b>Category</b>		<b>Production (q)</b>		
Fish (Reservoir)		3100 MT	-	

2.5 Details of Operational area / Villages

Taluka	Name of the block	Name of the village	Major crops & enterprises	Existing yield (q/ha, number/year)	Major problem identified	Identified Thrust Areas
Gumla	Gumla	Panso	Paddy	29.50	1. Erratic climatic condition 2. Low productivity 3. Acidic poor fertile soil 4. Quality Seed/ planting material unavailability 5. Poor productivity in crops & animals 6. Lack of Irrigation facilities 7. Malnutrition among farming families 8. Lack Value addition activities 9. Market facilities	1. Climate-Resilient & Sustainable Agricultural Practices 2. Soil Health Management 3. Promotion of livestock management practices 4. Quality Seed & Planting Material Production 5. Integrated disease and pest management 6. Household nutrition & Income improvement
		Lutobartoli	Paddy	28.75		
		Jhargano, Sawariya, Kotam, Anjan	Paddy Ragi	29.20 10.40		
		Kasitoli	Paddy	27.60		
		Urmi	Paddy	27.50		
	Ghaghra	Shivrajpur, Kurag	Paddy Mango	30.75 68.00		
		Chhota Ajiyatu	Paddy Goatery	29.60 3		
		Nawdiha Karanjtoli	Paddy	28.50		
		Gunia, Belagarha	Paddy Ragi Mango	30.50 10.20 69.00		
		Hethadar	Paddy	28.60		
		Mayil, Sarango	Paddy	26.50		
		Ghaghra	Paady	28.50		
	Bishunpur	Jehan gutuwa, Beti, Samdari, Helta	Paddy Red gram	28.60 7.80		
		Chambatoli, Cheda, Chirodih	Paddy Goatery	29.80 3		
		Tumse, Hesrag, Role	Paddy	27.50		
		Borang, Banalat	Paddy	28.60		
		Rehe toli	Paddy	27.50		
	Sisai	Nagar	Paddy Pigeon pea Lac Goatery	28.40 8.20 5.10 3		
	Raidih	Manjhatoli Seelam	Paddy Mango Piggery	30.75 62.50 48 kg/yr		
	Bharno	Turiamba Khartanga	Paddy Lac	28.60 5.20		
Basia	Palkot	Tapkara	Paddy	29.50		
		Orbenga,	Paddy	26.40		
	Basia	Narekela	Paddy Tomato	30.80 468		
		Kumhari, Sonmer	Paddy Groundnut	26.40 13.40		
	Kamdara	Surahu, Gardah	Paddy Lac	26.40 5.30		
			Goatery	3		

Taluka	Name of the block	Name of the village	Major crops & enterprises	Existing yield (q/ha, number/year)	Major problem identified	Identified Thrust Areas
Chainpur	Jari	Tilhitoli, Jarda, Jari	Paddy	26.50		
	Dumri	Aurapath, Jairagi, Ratantoli	Potato Maize Gundali Piggery	86.40 38.50 6.50 42 kg/yr		
	Chainpur	Bendora, Datra, Semla bartoli	Paddy Maize Piggery Litchi	26.40 32.60 44 kg/yr 78.00		

## 2.6 Top five major priority thrust areas:

- I. Climate-Resilient & Sustainable Agricultural Practices
- II. Soil Health Management
- III. Promotion of livestock management practices
- IV. Quality Seed & Planting Material Production
- V. Integrated disease and pest management

## 3. TECHNICAL PROGRAMME

### 3 A. Details of targeted mandatory activities by KVK

OFT		FLD		
(1)		(2)		
Number of OFTs	Number of Farmers	Area (ha)	No. of enterprises	Number of Farmers
11	110	80.20	55	322

Training		Extension Activities	
(3)		(4)	
Number of Courses	Number of Participants	Number of activities	Number of participants
PF-89	2225	<b>374</b>	<b>7895</b>
RY-18	450		
EF-12	300		
Vocational-03	45		
<b>Total-122</b>	<b>3020</b>		

Seed Production (Qtl.)	Planting material (Nos.)	Fish seed prod. (Nos)	Soil Samples
(5)	(6)	(7)	(8)
<b>143.8</b>	<b>112300</b>	--	<b>200</b>

**3 B. Abstract of interventions to be undertaken**

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
1	Climate-Resilient & Sustainable Agricultural Practices	Pigeon pea	Poor Yield	Assessment of Sowing Methods of pigeon pea				Field Day, Kisan Ghosthi, Newspaper	
		Paddy	High cost of cultivation of rice	Assessment of sowing methods of Direct Seeded Rice (DSR) in Medium Land				coverage, Advisory Services	90 Qtls seed
		Okra	Low temperature caused delay in sowing.	Evaluation of Low Plastic Tunnel Technology for Early Production of vegetables					
		Paddy	Erratic Rainfall		Demonstration of Moderate drought tolerant Improved variety of Paddy				
		Wheat	Terminal heat during maturity		Demonstration of High yielding heat tolerant Wheat variety				13 Qtls seed
		Finger Millet	Moisture stress during maturity		Demonstration of improved variety of Ragi BM-3				1.15 Qtls seed
		Chilli	Low yield		Demonstration of Pinching on the yield of Chilli Crop				
		Marigold	Low productivity		Demonstration of Marigold Variety Pusa Narangi				
		Groundnut	High cost of manpower for weeding		Demonstration of Three Tyne hoe weeding tool in groundnut				
		Mustard	Low yield		Demonstration of Seed Drill machine for line sowing in Mustard				1.25 Qtls

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
		Nutrition Garden	Malnutrition		Demonstration on Nutrition Gardening for year-round vegetable availability				
		Mushroom	Nutritional insecurity		Demonstration of scientific <i>Oyster</i> mushroom production				
		Protected cultivation	Climatic uncertainty			Protected cultivation of Vegetables	Protected cultivation technology		
		Lac cultivation	Knowledge gap			Scientific lac cultivation			
		Mushroom	Knowledge gap			Scientific Mushroom Production			
		Bee keeping	Knowledge gap			Scientific Bee keeping			
		Micro irrigation systems	Water scarcity			Installation & maintenance of micro irrigation systems			
		Farm Mechanization	Manpower				Farm Mechanization for CRA		
		Agri drone	Manpower				Application of Agri drone in farming		
		Mango	Unproductive old orchards				Rejuvenation of old orchards		
2	Soil Health Management	Mustard	Poor plant growth and Low yield	Assessment of balanced nutrient management on mustard					
		Mango	Poor Yield	Assessment of Micro Nutrient in Mango					
		Vermi-composting	Production dependence on chemical fertilizers		Demonstration of vermicomposting using <i>Jai Gopal (Perionyx ceylanesis)</i> worm	Preparation and marketing of Vermicompost	Technologies for balance use of fertilizers		

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
3	Integrated disease and pest management	Groundnut	Stem rot and root rot incidence resulting in less plant population (10-15%) and yield reduction 15%.	Assessment of management Strategies of stem rot and root rot in Groundnut					
		Chilli	Low yield	Management of leaf curl in Chilli					
		Mango	Fruit losses due to Mango hopper		Demonstration of Pesticides in Mango				
		Mango	Yield losses		Demonstration of Pheromone trap in Mango				
		Pigeon pea	Heavy incidence of Pod borer		Management of Pod borer				
		Tomato	Bacterial wilt disease		Demonstration of Tomato variety Swarn Prakash				
		All crops	Knowledge gap			Preparation and application of Bio-inputs	Strategy of Integrated Pest Management for Kharif crops		
			Knowledge gap				Preparation & application of organic pesticides in vegetables		
4	Promotion of livestock management practices	Goat	Poor growth among goat kid	Assessment of the effect of moringa leaves and concentrate feed on the growth of kids of black Bengal goat under field conditions		Scientific Goat rearing			
		Pig	Weak and emaciated piglet after birth resulting infant mortality	Assessment of piglet anaemia management practices		Commercial Pig Farming			

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
		Backyard Poultry	Low egg production		Demonstration of Poultry breed Kamarupa for income generation	Improved poultry farming			
		All animals	Knowledge gap			Pashu Mitra Prashikshan	Capacity building of Pashu Sakhi		
			Knowledge gap				Livestock feed and fodder production technology		
		Fodder			Demonstration on hybrid Napier for round the year fodder availability				
5	Value addition	Maize	Non utilization of maize corn silk	Assessment of value added fibre rich laddu supplemented with processed maize corn silk					
		Phutkal leaves (Ficus Virens)	Low utilization of calcium and iron rich Phutkal leaves	Assessment of value addition technology of Phutkal leaf (Ficus Virens) in the form of instant soup mix for increasing the consumption span of Phutkal leaf.					
		Mushroom	Knowledge gap			Enterprise development through Mushroom production & processing			
		Fruits & Vegetables	Knowledge gap			Value addition of locally available Seasonal fruits & Vegetables	Therapeutic importance of Moringa and its value-added products		

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
		Millet processing	Knowledge gap			Enterprise development through Millet processing			
6	Quality Seed & Planting Material Production	Nursery	Knowledge gap			Propagation techniques of Fruits & vegetables			112300 seedling/saplings
		Nursery	Knowledge gap			Vegetable nursery management			
		Seed Production	Knowledge gap			Seed Production of Field and vegetable crops			116 Qtls.

### 3.1 Technologies to be assessed

#### A.1 Abstract on the number of technologies to be assessed in respect of crops

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation										
Seed / Plant production										
Weed Management										
Integrated Crop Management										
Integrated Nutrient Management		01 Mustard				01 Mango				02
Integrated Farming System										
Mushroom cultivation										
Drudgery reduction										
Farm machineries	01 Rice									01
Value addition	02 Futkal, Maize Silk									02
Integrated Pest Management					01 Chilli					01
Integrated Disease Management		01 Groundnut								01
Resource conservation technology										
Small Scale income generating enterprises										
Natural Resource Management					01 Pigeon Pea					01
Protected Cultivation					01 Okra					01
<b>TOTAL</b>										<b>09</b>

#### A.2 Abstract on the number of technologies to be assessed in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Vermi culture	Fisheries	TOTAL
Evaluation of Breeds								
Nutrition Management								
Disease of Management					01			01
Value Addition								
Production and Management								
Feed and Fodder				01				01
Small Scale income generating enterprises								
<b>TOTAL</b>								<b>02</b>

**B. Details of all On Farm Trial in the given format**

**OFT-01**  
**(Horticulture)**

<b>Crop</b>	<b>Mango</b>
Season	Rabi
Main problem	Poor Yield
Main cause	Heavy fruit drop due to no use of Micro Nutrient & PGRs
Title of OFT	Assessment of Micro Nutrient in Mango
Farming situation	Soil type- Red Laterite, land type-Upland, irrigation type-Rainfed, season-Rabi , previous crop-Mango
Thematic area	Integrated Nutrient Management
Farmer practice	T01 – No Micronutrient & PGRs Use
Technology option selected for assessment	T02 – Spray of Arka Mango Special @ 5 gm/liter water at panicle emergence stage and at fruit set stage T03 – Spray CISH-Phasal Prabhat @ 5 gm/liter water at panicle emergence and at fruit set stage
Source of technology	ICAR-IIHR Bengaluru (Year-2021), CISH-Lucknow (Year-2024)
No. of trial	10
Detail of critical input	Arka Mango Special Micronutrient, CISH-Phasal Prabhat
Cost of individual critical input	Rs. 1000.00
Total cost of critical input	Rs. 10000
Performance indicator to be recorded	Technical indicator (Fruit set (%), fruit drop (%), Fruit Yield (Q/ha) Economic indicator (Cost of cultivation, Gross return, Net return, B:C ratio) Farmer perception

**OFT- 02**  
**(Soil Science)**

<b>Crop</b>	<b>Pigeon pea</b>
Season	Kharif
Main problem	Poor Yield
Main cause	Climatic uncertainty during initial crop growth stage
Title of OFT	Assessment of Sowing Methods of pigeon pea
Farming situation	Soil type- Red Laterite, land type-Upland, Irrigation- Rainfed, Season- Kharif, Previous crop - Ragi
Thematic area	Natural Resource Management
Farmer practice	TO <sub>1</sub> - Broadcasting (Variety: Birsa Arhar-1, Seed rate 30kg/ha, time Last week of June)
Technology option selected for assessment	TO <sub>2</sub> – Transplanting 25day-old seedlings on raised bed, spacing- (90×30 cm) TO <sub>3</sub> – Transplanting 35day-old seedlings, spacing- (90×30 cm)
Source of technology	TO <sub>2</sub> – TNAU, Coimbatore (Year-2018), TO <sub>3</sub> – UAS Dharwad, Karnataka (Year-2018)
No. of trial	10
Detail of critical input	Polytubes- Rs.1080.00
Cost of individual critical input	Polytubes- Rs.1080.00
Total cost of critical input	Rs.10800.00 ( <b>Approx.</b> )
Performance indicator to be recorded	a) Yield and yield attributes: Survival rate of seedlings (%), Plants/m <sup>2</sup> , Branch per plant, Pod per plant, yield (q/ha.) b) Economic indicator: Cost of cultivation, Gross return, Net return, B:C ratio, c) Rainfall data d) Farmer perception:

**OFT- 03**  
**(Soil Science)**

<b>Crop</b>	<b>Mustard</b>
Season	Rabi
Main problem	Poor plant growth and Low yield
Main cause	Imbalanced nutrient management
Title of OFT	Assessment of balanced nutrient management on mustard
Farming situation	Farming situation - Irrigated, Season-Rabi, Previous crop - Blackgram
Thematic area	Nutrients Management
Farmer practice	TO <sub>1</sub> – NPK (32:23:15 kg/ha) (Urea 50kg, DAP 50kg & MOP 25kg)
Technology option selected for assessment	TO <sub>2</sub> – RDF (80:60:40:40 NPKS kg/ha) with Sulphur supplied through Sulphur Bentonite. TO <sub>3</sub> – RDF (80:60:40:40 NPKS kg/ha) with Sulphur supplied through Phosphogypsum.
Source of technology	TO <sub>2</sub> – BAU, Sabour (Year-2018) and TO <sub>3</sub> – BAU, Ranchi (Year-1999)
No. of trial	10
Detail of critical input	Sulphur Bentonite and Phosphogypsum
Cost of individual critical input	900
Total cost of critical input	9000
Performance indicator to be recorded	a) Soil test : (Before & After macro & micro parameters) b) Yield and yield attributes : (i) No. of siliqua/plant. (ii) No. of seeds/siliqua. (ii) Seed yield (q/ha). c) Economics : a) Cost of cultivation (Rs/ha), b) Gross return (Rs/ha), c) Net return (Rs/ha), d) B: C ratio (Rs/ha)

**OFT- 04**  
**(Plant Protection)**

<b>Crop</b>	<b>Groundnut</b>
Season	Kharif 2026
Problem	Low yield
Main cause	Stem rot and root rot incidence resulting in less plant population (10-15%) and yield reduction 15%.
Title of OFT	Assessment of management Strategies of stem rot and root rot in Groundnut
Farming situation	Soil type-Red Laterite, Land type-Upland, Irrigation type-Rainfed, Season- Kharif, Previous crop- Mustard
Thematic area	Integrated Disease management
Farmer practice	TO <sub>1</sub> -Spraying of carbendazim 50 WP @ 1 gm/liter of water at disease appearance
Technology option selected for assessment	TO <sub>2</sub> –Seed treatment with <i>Trichoderma viride</i> @ 10 g/kg seed and soil application of neem cake @ 500 kg/ ha with enriched <i>Trichoderma viride</i> @2.5 kg/ha
	TO <sub>3</sub> – Seed treatment with Carbendazim 12% + Mancozeb 63% WP @ 2g/kg seeds + drenching at 40 days after sowing @ 3g/lit water
Source of technology	ICAR-IIGR, Junagarh (Year-2020) & ICAR-IARI (Year-2016)
No. of trial	10
Detail of critical input	Pesticides, Neem cake
Cost of individual critical input	Rs. 1000.00
Total cost of critical input	Rs. 10000
Performance indicator to be recorded	(i) Technical indicator (Stem & root rot incidence %, Yield loss %, No. of infected plant) (ii) Economic indicator (Yield q/ha, Cost of cultivation, Gross return, Net return, B:C ratio) (iii) Farmer perception (After trial)

**OFT- 05**  
**(Plant Protection)**

<b>Crop</b>	<b>Chilli</b>
Season	Rabi
Problem	Low Yield
Main cause	Chilli leaf curl virus
Title of OFT	Management of leaf curl in Chilli
Farming situation	Soil type-Red Laterite, Land type-Upland, Irrigation type- Irrigated, Season- Rabi, Previous crop – Maize
Thematic area	Integrated Pest management
Farmer practice	TO <sub>1</sub> – Two weeding (Manual) + 3 No. of Spray Imidacloprid @ 1 gm/3 liter of water @ 25-30, 45-50 & 60-65 DAT
Technology option selected for assessment	TO <sub>2</sub> – Seed treatment with Thiamethoxam 30 FS@ 7.0 ml/kg; border crop maize, intercropping with cluster bean (6:1), blue sticky traps at 50/ha, ETL-based application of fipronil 5 SC at 800 ml/ha for first spray and thiacloprid 21.70 SC at 300 ml/ha for 2nd spray TO <sub>3</sub> -Seedling dip with Imidacloprid 17.8% SL @ 1 ml/ l of water; Spraying of Buprofezin 25%S @ 1 ml/l at 25 DAT; Spraying of Fipronil 5% SC @2ml/l at 35 DAT; Spraying of <i>Lecanicillium (Verticillium) lecanii</i> (1 × 10 <sup>8</sup> cfu/g) @ 5 g/l at 45 DAT; Spraying of Chlorfenapyr 10% SC @ 1.5 ml/l at 55 DAT; Spraying of neem oil 1% at 65 DAT; and subsequent rotation
Source of technology	TO <sub>2</sub> - ICAR-IIVR (2016) & TO <sub>3</sub> -TANU (2025)
No. of trial	10
Detail of critical input	Pesticide
Cost of individual critical input	Rs. 800.00
Total cost of critical input	Rs. 8000/ha
Performance indicator to be recorded	(i) Technical indicator (Disease incidence %, Yield loss %, No. of fruit/plants) (ii) Economic indicator (Yield (Q/ha, Cost of cultivation, Gross return, Net return, B:C ratio) (iii) Farmer feedback

**OFT – 06**  
**(Agriculture Engineering)**

<b>Crop</b>	<b>Rice</b>
Season	Kharif
Main problem	High cost of cultivation of rice
Main cause	Labour intensive transplanting
Title of OFT	Assessment of sowing methods of Direct Seeded Rice (DSR) in Medium Land
Farming situation	Land Type- Mid land, Soil Type- Sandy loam, Irrigation- Rainfed, Season- Kharif, Previous crop- Mustard
Thematic area	Farm Mechanization
Farmer practice	TO <sub>1</sub> - Manual Transplanting in puddled soil
Technology option selected for assessment	TO <sub>2</sub> – Direct line seeding by manual rice seeder machine in pulverized soil (Spacing 20x10cm) TO <sub>3</sub> – Wet seeding in puddled wet soil by drum Seeder machine (Spacing 20x10cm)
Source of technology & Year	TO <sub>2</sub> – DRPCAU, Pusa (Year-2021), TO <sub>3</sub> – ANGRAU, Guntur (Year-2024)
No of trial	10
Detail of critical input	Seed drill machine
Cost of individual critical input	10000.00 (Seed drill for 1 pc)
Total cost of critical input	10000.00 (Seed drill for 1 pc)
Performance indicator to be recorded	<ul style="list-style-type: none"> <li>i. Technical indicator: Plants population (per m<sup>2</sup>), Weeds control efficiency (%), No of effective tillers (per plant), Yield (q/ha)</li> <li>ii. Economic indicator: Cost of cultivation, Gross return, Net return, B:C ratio, Cost saving per ha</li> <li>iii. Farmer perception</li> </ul>

**OFT – 07**  
**(Agriculture Engineering)**

<b>Crop</b>	<b>Okra</b>
Season	Rabi
Main problem	Slow germination during winter
Main cause	Low temperature caused delay in sowing
Title of OFT	Evaluation of Low Plastic Tunnel Technology for Early Production of vegetables
Farming situation	Farming situation -Irrigated, Previous crop- Black gram
Thematic area	Protected Cultivation
Farmer practice	TO1 – Direct sowing of seed in open field
Technology option selected for assessment	TO2 - Low polytunnel (50 GSM) + drip irrigation TO3 – Low polytunnel (50 GSM)+ Silver colour plastic mulching (25 µm)+ drip irrigation
Source of technology	TO2 – CCSHAU, Hisar (Year-2021), TO3 – JNKVV, Jabalpur (Year-2024)
No of trial	10
Detail of critical input	Plastic tunnel materials, Mulching sheet
Cost of individual critical input	Rs. 2,000.00
Total cost of critical input	Rs. 20,000.00
Performance indicator to be recorded	i. Technical indicator: Plants population (m <sup>2</sup> ), No of fruits per plant, Yield (Q/ha) ii. Economic indicator: Cost of cultivation, Gross return, Net return, B:C ratio iii. Farmer perception

**OFT- 08**  
**(Animal Husbandry)**

<b>Animal</b>	<b>Goat</b>
Main problem	Poor growth among goat kid
Main cause	Lack of green forage and fodder
Title of OFT	Assessment of the effect of moringa leaves and concentrate feed on the growth of kids of black Bengal goat under field conditions
Farming situation	Rainfed with animals
Thematic area	Feed and fodder Management
Farmer practice	TO1 - Open Grazing
Technology option selected for assessment	TO2 – FP + feed @ 1.5% of body weight/day starting from 3-4 month up to 90 days (concentrate feed 50% + 50% moringa green leaves)
	TO3 – FP + feed @ 1.5% of body weight/day starting from 3-4 month up to 90 days (concentrate feed 60% + 40% moringa dry leaves)
Source of technology	TO2 – Agriculture University, Kota (Year- 2023), TO3 – SVPUAT, Meerut (Year-2025)
No of trial	10
Detail of critical input	Concentrate feed, moringa leaves
Cost of individual critical input	Rs. 250
Total cost of critical input	Rs. 2500
Performance indicator to be recorded	<p>I. Technical indicator - Body weight- Initial, final, average (kg/animal),</p> <p>II. Economic Indicator -Total cost, Gross return, Net return, B:C ratio</p> <p>III. Farmer Perception</p>

## OFT- 09

### (Animal Husbandry)

<b>Animal</b>	<b>Pig</b>
Season	Rabi
Main problem	High Infant mortality rate
Main cause	Piglet Anaemia
Title of OFT	Assessment of management practices for piglet anaemia
Farming situation	Rainfed with animals
Thematic area	Disease Management
Farmer practice	TO1– No use of iron supplement
Technology option selected for assessment	TO2 – Oral supplementation of FeSO <sub>4</sub> @30 mg/kg body weight @ 2,7,10 and 15 DAB
	TO3– Iron injection (Imferon) at 4th day and 14th day @ 1 ml (100mg) I/M
Source of technology	TO1 –ICAR-CIARI, Port Blair-2022, TO2– LUVAS, Hisar-2022
No of trial	10
Detail of critical input	Iron and copper ointment, iron injection (Feritas), B-Complex injection
Cost of individual critical input	Rs. 350
Total cost of critical input	Rs. 3500
Performance indicator to be recorded	I. Technical indicator- Initial Body weight (kg/pig), Mortality % II. Economic indicator- (Total Cost, Gross return, Net return, B:C ratio) III. Farmer perception – Acceptability

## OFT- 10

### (Home Science)

<b>Crop</b>	<b>Maize</b>
Season	Kharif
Main problem	Non utilization of maize corn silk
Main cause	Lack of knowledge about processing technology of perishable raw corn silk
Title of OFT	Assessment of value added fibre rich laddu supplemented with processed maize corn silk
Thematic area	Value Addition
Farmer practice	To1: Rice flour (200g)+Jaggery powder (200g)+Ghee (2 tbsp)+ cardamom powder ½ tsp+ Grated dry coconut ( 50 g)
Technology option selected for assessment	To2: Rice flour (190g) + corn silk powder (10 g) + Jaggery powder (200g)+ Ghee (2 tbsp) + cardamom powder ½ tsp + Grated dry coconut ( 50 g) To3: Rice flour (180g) + corn silk powder (20 g) + Jaggery powder (200g) + Ghee (2 tbsp) + cardamom powder ½ tsp + Grated dry coconut ( 50 g)
Source of technology	G B Pant University of Agriculture and Technology, Pantanagar, 2021
No of trial	No. of farm women-10
Detail of critical input	Ingredient
Cost of individual critical input	Rs. 1000/-
Total cost of critical input	Rs. 10000/-
Performance indicator to be recorded	Technical indicator: Sensory evaluation and nutritional composition, Self life Economic indicator: (Cost of cultivation, Gross return, Net return, B:C ratio) Farmer feedback: Method of preparation, overall perception

**OFT- 11**  
**(Home Science)**

Crop	Phutkal leaves (Ficus Virens)
Season	Kharif
Main problem	Low utilization of calcium and iron rich Phutkal leaves
Main cause	Seasonal availability and lack of utilization technologies
Title of OFT	Assessment of value addition technology of Phutkal leaf (Ficus Virens) in the form of instant soup mix for increasing the consumption span of Phutkal leaf.
Farming situation	Rainfed
Thematic area	Value Addition
Farmer practice	<b>TO<sub>1</sub></b> : During season they use Phutkal for sag preparation only
Technology option selected for assessment	<b>TO<sub>2</sub></b> : Preparation of Phutkal leaves based instant soup mix Ingredients: Phutkal leaf powder, roasted lentil flour, roasted little millet flour, corn flour, black paper powder, salt, garlic powder, onion powder, cumin powder, sugar, ginger powder, citric acid and sodium Benzoate, (20:20:10:10:5:5:10:12: 0.5:6:1:0.20:0.30) <b>TO<sub>3</sub></b> : Preparation of Phutkal leaves and Moringa oleifera leaves based instant soup mix Ingredients: Phutkal leaf powder, Moringa oleifera leaves powder, roasted lentil flour, roasted little millet flour, corn flour, black paper powder, salt, garlic powder, onion powder, cumin powder, sugar, ginger powder, citric acid and sodium Benzoate, – (12: 8: 20: 10: 10: 5:5:10: 12: 0.5:6:1:0.20:0.30)
Source of technology	JNKVV, Jabalpur, MP, India (2021) Chandra Shekhar Azad University of Agriculture and Technology, Kanpur (2023)
No of farm women	10
Detail of critical input	Raw Ingredients, container for storage, soup bowl with spoon
Cost of individual critical input	400.00
Total cost of critical input	4000.00
Performance indicator to be recorded	Technical indicator : Organoleptic evaluation of formulated product on a nine-point hedonic scale ➤ Appearance ➤ Colour ➤ Flavour ➤ Taste ➤ Texture ➤ Consistency ➤ and overall acceptability 2. Economic indicator : Benefit Cost Ratio 3. Farmer's perception

### 3.2 Frontline Demonstrations

#### A. Details of FLDs to be organized –

Sl. No.	Crop	Thematic area	Technology for demonstration	Critical inputs	Season and year	Area (ha)	No. of farmer / demon	Parameters identified (Yield related attributes, yield economics and farmers' perception)
1	Paddy	ICM	Varietal (Variety-CR Dhan -320)	Seed	Kharif	2	5	(I) Technical indicator- No. of panicle/m <sup>2</sup> , Plant height (cm), Length of panicle, No. of grain/panicle, Yield (q/ha) (II) Economic indicator : Cost of cultivation, Gross return, Net return, B:C ratio (III) Farmer Feedback
2	Wheat	ICM	Varietal (Variety-HD-3388)	Seed	Rabi	10	25	(I) Technical indicator- No. of spike/m <sup>2</sup> , Plant height, Spike Length, grain/spike, Yield (q/ha) (II) Economic indicator – Cost of cultivation, Gross return, Net return, B:C ratio (III) Farmer Feedback
3	Ragi	ICM	Varietal (Variety-BM-3)	Seed		10	25	i. Technical indicator- No. of panicle/m <sup>2</sup> , Plant height (cm), Length of finger, Grain weight/panicle, Yield (q/ha) ii. Economic indicator – Cost of cultivation, Gross return, Net return, B:C ratio iii. Farmer Feedback
4	Tomato	Crop Improvement/variety evolution	Tomato variety Swarn Prakash	Seed	Rabi	1	25	i. Technical indicator- No. of branch/plant, No. of flower/plant, Per flower weight (gm), yield (q/ha) ii. Economic indicator - Cost of cultivation, Gross return, Net return, B:C ratio iii. Farmer Feedback – On profitability and market preference
5	Chilli	Training & Pruning	variety Swarn Apurva	Seed	Kharif	1	10	i. Technical indicator- No. of branch/plant, No. of fruit/plant, yield (q/ha) ii. Economic indicator - Cost of cultivation, Gross return, Net return, B:C ratio iii. Farmer Feedback – On profitability and market preference
6	Marigold	Varietal evaluation	Marigold Variety Arka Shubha/bhanu	Seed	Kharif	0.4	10	i. Technical indicator- No. of branch/plant, No. of flower/plant, Per flower weight (gm), yield (q/ha)

Sl. No.	Crop	Thematic area	Technology for demonstration	Critical inputs	Season and year	Area (ha)	No. of farmer / demon	Parameters identified (Yield related attributes, yield economics and farmers' perception)
								ii. Economic indicator - Cost of cultivation, Gross return, Net return, B:C ratio iii. Farmer Feedback – On profitability and market preference
7	Pigeon pea	IPM	Management of Pod borer	Pesticides	Rabi-2027	02	10	% infected pod, Yield q/ha, G. cost, G. return, Net return & B:C
8	Mango	IPM	Demonstration of Mango hopper management practices	Pesticides	Rabi-2027	05	12	No of hopper/ panicle, No. of fruits/tree, Yield (q/ha), G. Cost, G. Return, N. Return & B:C
9	Mango	IPM	Demonstration of fruit fly Pheromone trap in Mango	Pheromone trap	Rabi-2027	08	20	No of fruit drop/tree, No. of fruits/tree, Yield (q/ha), G. Cost, G. Return, N. Return & B:C
10	Nutrition Garden	Household food security	Nutritional gardening Plot size-200 m <sup>2</sup> , Developing crop schedule on rotation basis		Kharif & Rabi 2026-27	0.40	20	Calorie intake, Yield in Kg, Net saving, B:C ratio
11	Mushroom	Nutrition security	Oyster Mushroom	Mushroom spawn	Kharif 2026	15 bundle in each unit	10	Production, B:C ratio
12	Vermicomposting	Vermiculture	Jai Gopal Earthworms	Earthworms	Rabi 2027	10 beds	10	Indicator I. Vermicompost production/bed/cycle II. Economic indicator – Cost of cultivation, Gross return, Net return, B:C ratio III. Farmer Feedback
13	Napier	Fodder Production	Round the year Fodder Production	Slip	Kharif 2026	0.40	10	I.Fodder production /cycle, q/ha II.Economic indicator: Cost of cultivation, Gross return, Net return, B:C ratio
				<b>Total</b>		<b>40.20 ha/ 25units</b>	<b>182</b>	

### Sponsored Demonstration

Crop	Area (ha.)	No. of farmers
Demonstration on mustard cultivation (IIRMR-STC-FLD)	40	100

## B. Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1.	Farmers Training on Finger millet Var. BM-3	01	June 2026	25
2.	Farmers Training on Chilli variety Swarn Apurva	01	July 2026	25
3.	Farmers Training on Wheat Var. HD-3388	01	October 2026	25
4.	Farmers Training on Tomato variety Swarn Prakash	01	November 2026	10
5.	Farmers Training on Marigold variety Pusa Narangi	01	August 2026	10
6.	Farmers Training on Management of Pod borer in Red gram	01	January 2027	10
7.	Farmers Training on Mango hopper management practices	01	December 2026	12
8.	Farmers Training on fruit fly Pheromone trap in Mango	01	May 2026	20
9.	Farmers Training on Nutritional gardening	01	June 2026	20
10.	Farmers Training on Oyester Mushroom	01	September 2026	10
11.	Farmers Training on Jai Gopal Earthworms	01	September 2026	10
	<b>Farmers Training (Total)</b>	<b>11</b>		<b>177</b>
12.	Field days on Paddy Var. CR Dhan -320	01	November 2026	50
13.	Field days on Finger millet Var. BM-3	01	November 2026	50
14.	Field days on Chilli variety Swarn Apurva	01	November 2026	50
15.	Field days on Wheat Var. HD-3388	01	March 2027	50
16.	Field days on Tomato variety Swarn Prakash	01	March 2027	50
17.	Field days on Marigold variety Pusa Narangi	01	November 2026	50
18.	Field days on Management of Pod borer Red gram	01	February 2027	50
19.	Field days on Mango hopper management practices	01	May 2027	50
20.	Field days on fruit fly Pheromone trap in Mango	01	June 2026	50
	<b>Field days (Total)</b>	<b>09</b>		<b>450</b>
21.	Media coverage	06	-	
22.	Training for extension functionaries	02	June & November	25

**C. Details of FLD on Enterprises**

**(i) Farm Implements**

Name of the implement	Crop	Season and year	No. of farmers	Area (ha)	Critical inputs	Performance parameters / indicators
Weeding tools	Groundnut	Kharif 2026	10	01	Three Tyne hoe	i. Technical indicator- 1. Dry weigh of weeds/m <sup>2</sup> ii. Weed control efficiency iii. Yield (q/ha) ii. Economic indicator - Cost of cultivation, Gross return, Net return, B:C ratio
Seed Drill Machine	Mustard	Rabi 2026	10	4	Seed Drill Machine	I. Technical indicator- 1.No. of siliqua/m <sup>2</sup> 2. Plant population/m <sup>2</sup> 3. Yield (q/ha) II. Economic indicator – Cost of cultivation, Gross return, Net return, B:C ratio III. Farmer Feedback-
<b>Total</b>			<b>20</b>	<b>05</b>		

**(i) Livestock Enterprises**

Enterprise	Breed	No. of farmers	No. of animals, poultry birds	Critical inputs	Performance parameters / indicators
Poultry	Kamarupa	10	200 nos.	Poultry Birds	Body weight gain, eggs/year, B:C

### **Details of all FLD in the given format**

<b>Title of FLD</b>	<b>Demonstration of Moderate drought tolerant Improved variety of Paddy</b>		
Season & Year	Kharif 2026		
Main Problem	Low yield		
Main cause of problem	Erratic Rainfall		
Full detail of farmer's Practice	Variety Lalat with 60 q compost and 50:23:0 kg NPK/ha		
Full detail of technology to be demonstrated	Moderate drought tolerant improved variety CR-Dhan-320 with 60 q compost and 50:23:0 kg NPK/ha		
Source of Technology with year	National Rice Research Institute, Cuttak, 2021		
Name of the Technology	Varietal evaluation		
Thematic area	Integrated Crop Management		
Name of villages	Beti, Samdari		
Farming situation	Rainfed		
Area (ha)/Unit (No.)	2.0 ha	No. of farmers	5
Performance indicator	(I) Technical indicator- No. of panicle/m <sup>2</sup> , Plant height (cm), Length of panicle, No. of grain/panicle, Yield (q/ha) (II) Economic indicator: Cost of cultivation, Gross return, Net return, B:C ratio (III) Farmer Feedback		

<b>Title of FLD</b>	<b>Demonstration of High yielding heat tolerant Wheat variety</b>		
Season & Year	Rabi 2026-27		
Main Problem	Low Yield		
Main cause of problem	Use of more than 10 years old varieties		
Full detail of farmer's Practice	Variety UP 262 with 40 q compost and 50:23:0 kg NPK/ha		
Full detail of technology to be demonstrated	Variety HD 3388 with 40 q compost and 50:23:0 kg NPK/ha,		
Source of Technology with year	ICAR-IARI RS Pusa Samstipur, 2023		
Name of the Technology	Wheat Variety HD-3388		
Thematic area	Varietal evaluation		
Name of villages	Shivrajpur, Champatoli, Panso, Cheda, Chirodih		
Farming situation	Irrigated		
Area (ha)/Unit (No.)	10ha	No. of farmers: 25	
Performance indicator	(I) Technical indicator- No. of spike/m <sup>2</sup> , Plant height, Spike Length, grain/spike, Yield (q/ha) (II) Economic indicator – Cost of cultivation, Gross return, Net return, B:C ratio (III) Farmer Feedback		

Title of FLD	<b>Demonstration of improved variety of Ragi</b>		
Season & Year	Kharif 2026		
Main Problem	Low yield		
Main cause of problem	Local variety		
Full detail of farmer's Practice	Local Ragi variety with 40 q compost and 20:20:0 kg NPK/ha		
Name of the Technology	Birsa Madua-3		
Full detail of technology to be demonstrated	Ragi Variety BM-3 with 40 q compost and 20:20:0 kg NPK/ha		
Thematic area	Varietal evaluation		
Source of Technology with year	Birsa Agricultural University, Ranchi, 2014		
Name of villages	Nagar, Lutobartoli, Kotam, Anjan		
Farming situation	Rainfed		
Area (ha)/Unit (No.)	20	<b>No. of farmers</b>	<b>50</b>
Performance indicator	i. Technical indicator- No. of panicle/m <sup>2</sup> , Plant height (cm), Length of finger, Grain weight/panicle, Yield (q/ha) ii. Economic indicator – Cost of cultivation, Gross return, Net return, B:C ratio iii. Farmer Feedback		

Title of FLD	<b>Demonstration of Tomato variety Swarn Prakash</b>		
Season & Year	Rabi 2026-27		
Main Problem	High plant mortality and low yield of tomato		
Main cause of problem	Bacterial wilt disease		
Full detail of farmer's Practice	Tomato variety- S-22/Pusa Ruby, spacing (50x40 cm), nutrient management NPK (100:50:50) Kg/ha		
Full detail of technology to be demonstrated	Wilt resistant variety (Variety – Swarna Prakash), spacing (50x40 cm), nutrient management NPK (100:50:50) Kg/ha		
Source of Technology with year	ICAR-RCER-FSRCHPR Plandu Ranchi-2024		
Name of the Technology	Tomato variety Swarn Prakash		
Thematic area	Varietal evaluation		
Name of villages	Tapkara, Shivrajpur, Kurag, Borang		
Farming situation	Soil type- <b>Red Laterite</b> , Land type- <b>Midland</b> , Irrigation type- <b>Irrigated</b> , Season- <b>Rabi</b> , Previous crop- <b>Rice</b>		
Area (ha)	1.0 ha	No of farmers: 25	
Performance indicator	(I) <b>Technical indicator</b> - No. of fruit/plant, fruit weight (gm), yield (q/ha), disease severity, self life (II) <b>Economic indicator</b> - Cost of cultivation, Gross return, Net return, B:C ratio (III) <b>Farmer Feedback</b> - Varietal performance and market preference		

<b>Title of FLD</b>	<b>Demonstration of Pinching on the yield of Chilli Crop</b>		
<b>Season &amp; Year</b>	Kharif 2026		
<b>Main Problem</b>	Low yield		
<b>Main cause of problem</b>	Improper Crop management		
<b>Full detail of farmer's Practice</b>	No Pinching		
<b>Full detail of technology to be demonstrated</b>	Double pinching at 12 (primary branch) & 30 (secondary branch) Days after transplanting		
<b>Source of Technology with year</b>	IIVR-Varanasi, <b>Year-2022</b>		
<b>Name of the Technology</b>	Double pinching at 12 (primary branch) & 30 (secondary branch) Days after transplanting in Chilli		
<b>Thematic area</b>	Training and Pruning		
<b>Name of villages</b>	Shivrajpur, Chhota Ajiyatu		
<b>Farming situation</b>	<b>Soil type-</b> Red Laterite, <b>land type-</b> Upland, <b>irrigation type-</b> Irrigated, <b>season-</b> Kharif, <b>previous crop-</b> Maize		
<b>Area (ha)</b>	1.0 ha	No. of farmers:	10
<b>Performance indicator</b>	(I) <b>Technical indicator-</b> (No. of branch/plant, No. of fruit/plant, Fruit Yield (q/ha) (II) <b>Economic indicator</b> - Cost of cultivation, Gross return, Net return, B:C ratio (III) <b>Farmer Feedback</b>		

<b>Title of FLD</b>	<b>Demonstration of Marigold Variety Pusa Narangi</b>		
<b>Season &amp; Year</b>	Kharif 2026		
<b>Main Problem</b>	Low productivity		
<b>Main cause of problem</b>	Non availability of quality seed material and poor crop management		
<b>Full detail of farmer's Practice</b>	Local variety with 40 q FYM/ ha		
<b>Full detail of technology to be demonstrated</b>	Improved variety Pusa Narangi with 40q FYM/ ha, NPK (90:90:75) kg/ha		
<b>Source of Technology with year</b>	IARI New Delhi (1995)		
<b>Name of the Technology</b>	Marigold Variety Pusa Narangi		
<b>Thematic area</b>	Varietal evaluation		
<b>Name of villages</b>	Orbenga, Tapkara, Nawdiha Karanjtoli, Shivrajpur		
<b>Farming situation</b>	<b>Soil type-</b> Red Laterite, <b>Land type-</b> Midland, <b>Irrigation type-</b> <b>Rainfed</b> , <b>Season-</b> Kharif, <b>Previous crop-</b> <b>Mustard</b>		
<b>Area (ha)</b>	0.4 ha	No of farmers:	10
<b>Performance indicator</b>	(I) <b>Technical indicator-</b> No. of branch/plant, No. of flower/plant, Per flower weight (gm), yield (q/ha) (II) <b>Economic indicator</b> - Cost of cultivation, Gross return, Net return, B:C ratio (III) <b>Farmer Feedback</b> – On profitability and market preference		

<b>Title of FLD</b>	<b>Demonstration of pod borer management practice in Pigeon pea</b>		
<b>Season &amp; Year</b>	Kharif 2026		
<b>Main Problem</b>	Low yield		
<b>Main cause of problem</b>	Pod borer		
<b>Full detail of farmer's Practice</b>	Improper or no uses of pesticide (Chloropyryphos 20EC)		
<b>Full detail of technology to be demonstrated</b>	1 <sup>st</sup> spray Indoxacarb 14.5 SC@ 250 ml/ha at 50% flowering and 2 <sup>nd</sup> spray Imidacloprid 17.8 SL@ 400ml/ha at 15 days after 1 <sup>st</sup> spray.		
<b>Source of Technology with year</b>	BAU, Sabour, 2021		
<b>Name of the Technology</b>	Pod borer management in Red gram		
<b>Thematic area</b>	IPM		
<b>Name of villages</b>	Sisai- Nagar, Ghaghra- Shivrajpur		
<b>Farming situation</b>	Rainfed		
<b>Area (ha)</b>	02	No. of farmers-10	
<b>Performance indicator</b>	(I) <b>Technical indicator</b> - % infected grain. Yield (q/ha) (II) <b>Economic indicator</b> –Gross cost (Rs/ha), G. Return (Rs./ha) Net Return (Rs./ha) & B:C ratio (III) <b>Farmer Feedback</b>		

<b>Title of FLD</b>	<b>Demonstration of Three Tyne hoe weeding tool in groundnut</b>		
<b>Season &amp; Year</b>	Kharif 2026		
<b>Main Problem</b>	High cost of manpower for weeding		
<b>Main cause of problem</b>	Manpower		
<b>Full detail of farmer's Practice</b>	i. Sowing Time: June, ii. Seed: Var. K1812, iii. Sowing Method: Line sowing, iv. Seed Rate: 80 kg/ha, v. Fertilizer Management: Farmyard manure (FYM) 5-7q/ha, vi. Weed Control: Manually		
<b>Name of the Technology</b>	Three Tyne hoe		
<b>Full detail of technology to be demonstrated</b>	i. Sowing Time: June, ii. Seed: Var. K1812, iii. Sowing Method: Line sowing, iv. Seed Rate: 80 kg/ha, v. Fertilizer Management: Farmyard manure (FYM) 5-7q/ha, vi. Weed Control: Three Tyne hoe		
<b>Thematic area</b>	Farm Machinery		
<b>Source of Technology with year</b>	TANU, Coimbatore, 2020		
<b>Name of villages</b>	Lutobartoli, Nagar		
<b>Farming situation</b>	Soil type-Red Laterite, Land type-Midland, Irrigation type-Rainfed, Season- Kharif, Previous crop- Mustard		
<b>Area (ha)/Unit (No.)</b>	1.0 ha	No. of farmers-10	
<b>Performance indicator</b>	(I) Technical indicator- Dry weight of weeds/m <sup>2</sup> , Weed control efficiency, Yield (q/ha) (II) Economic indicator –Cost of cultivation, Gross return, Net return, B:C ratio (III) Performance indicator –Overall discomfort, Performance efficiency (IV) Farmer Feedback		

<b>Title of FLD</b>	<b>Demonstration of Seed Drill machine for line sowing in Mustard</b>		
Season & Year	Rabi		
Main Problem	Manpower unavailability delayed sowing, leading to lower yield.		
Main cause of problem	Manpower		
Full detail of farmer's Practice	i. Sowing Time: late September to early October, ii. Seed: Var. PM-30, iii. Sowing Method: broadcasting, iv. Seed Rate: 6 kg/ha, v. Fertilizer Management: Farmyard manure (FYM) 5-7q/ha, vi. Weed Control: Manually, vii. Pest and Disease Management: No, viii. Irrigation: Rainfed,		
Name of the Technology	Seed Drill Machine		
Full detail of technology to be demonstrated	i. Seed: PM-30, ii. Seed Drill Machine, iii. Line Sowing: 45 cm x 15 cm, iii. Irrigation: Efficient use of soil moisture		
Thematic area	Farm Machinery		
Source of Technology with year	CAU, Imphal		
Name of villages	Shivrajpur, Borang, Lutobartoli		
Farming situation	Soil type-Red Laterite, Land type-Midland, Irrigation type-Rainfed, Season- Rabi, Previous crop- Rice		
Area (ha)/Unit (No.)	10.0 ha	No. of farmers-25	
Performance indicator	(I) Technical indicator- 1.No. of siliqua/m <sup>2</sup> 2. Plant population/m <sup>2</sup> 3. Yield (q/ha) (II) Economic indicator - Cost of cultivation, Gross return, Net return, B:C ratio (III) Farmer Feedback		

<b>Title of FLD</b>	<b>Demonstration of Mango Plant hopper management practices</b>		
Season & Year	Rabi		
Main Problem	Mango fruits loss due to infestation of mango hopper		
Main cause of problem	Lack of pesticide doses & schedules awareness		
Full detail of farmer's Practice	Application Thiamethoxam 25 WG@ 250 gm/ha at fruit set stage.		
Full detail of technology to be demonstrated	Spray of Spinosad @ 200 ml/ha at panicle formation stage, and second spray of Imidacloprid 17.8 SL @ 500 ml/ha before flowering and Acetamiprid 20 SP @ 500 gm/ha fruit set stage (Pea stage).		
Source of Technology with year	CISH, Lucknow (2020)		
Name of the Technology	Pesticides (Spinosad, Imidacloprid 17.8 SL @ 500 ml/ha & Acetamiprid 20 SP @ 500 gm/ha)		
Thematic area	Integrated Pest Management		
Name of villages	Shivrajpur, Gunia, Nagar		
Farming situation	Soil type-Red Laterite, Land type-Midland, Irrigation type-Rainfed, Season-Rabi, Previous crop- Rice		
Area (ha)	05	No. of farmers	12
Performance indicator	(I) Technical indicator- 1. No. of hopper/panicle, 2.No. of fruits / tree, 3. Yield (Q/ha), (II) Economic indicator - Cost of cultivation, Gross return, Net return, B:C ratio (III) Farmer Feedback		

<b>Title of FLD</b>	<b>Demonstration of fruit fly Pheromone trap in Mango</b>		
Season & Year	Rabi		
Main Problem	Significant yield losses due to mango fruits dropping		
Main cause of problem	Fruit fly		
Full detail of farmer's Practice	Application Thiamethoxam 25 WG@ 250 gm/ha at fruit set stage.		
Full detail of technology to be demonstrated	Ten Pheromone trap per acre		
Source of Technology with year	CISH, Lucknow, Year - 2018		
Name of the Technology	Fruit fly Pheromone trap		
Thematic area	Integrated Pest Management		
Name of villages	Ghaghra- Shivrajpur, Belagarha		
Farming situation	Soil type-Red Laterite, Land type-Midland, Irrigation type-Rainfed, Season- Rabi, Previous crop- Rice		
Area (ha)	20	No. of farmers	50
Performance indicator	(I) Technical indicator- No. of fruits drop/tree, No. of fruits / tree, Yield (Q/ha), (II) Economic indicator - Cost of cultivation, Gross return, Net return, B:C ratio (III) Farmer Feedback		

<b>Title</b>	<b>Demonstration on Nutrition Gardening for year-round vegetable availability</b>		
Season & Year	Kharif and Rabi 2025-26		
Problem	Malnutrition		
Main cause of the problem	Round the year poor availability of vegetables		
Farmer's Practice	No planning & layout, Poor crop diversity		
Full details of technology to be demonstrated	Nutrition gardening Plot Size – 200 m <sup>2</sup> , Dietary diversity through seasonal vegetables		
Source of Technology (Year)	Orissa University of Agriculture and Technology (OUAT), Bhubaneswar, Odisha, 2012		
Name of the Technology	Planning & Layout of Nutrition gardening		
Thematic area	Household Food security		
Name of villages	Gumla - Kasitoli and Ghaghra- hetadar, Bishunpur- tumse, hesrag		
Variety	Improved varieties of vegetables		
Area	0.40 ha	No. of demonstrations:	20
Performance indicator	Calorie intake, Yield in kg, Net saving, B:C ratio		

Title	<b>Demonstration of scientific <i>Oyster</i> mushroom production</b>
Season & Year	Rabi 2026-27
Main Problem	Nutritional insecurity
Main cause of problem	Higher prevalence of malnutrition
Farmer's Practice	Collection of mushrooms from forest for consumption
Name of the Technology	Oyster mushroom cultivation
Details of technology	Fresh Spawn, Fungicides, PP Bag, Formaline
Thematic area	Nutrition Security
Source of Technology (Year)	DRPCA, Pusa
Name of villages	Gumla –Urmi, Kasitoli, Bishunpur- Role, Ghaghra- Mayil, Sarango and Bharno
Farming situation	Local mushroom
Area (ha)/Unit (No.)	Each unit with 15 bundles, No. of Farm women-20
Performance indicator	Technical indicator- Production, BC ratio

<b>Title of FLD</b>	<b>Demonstration of Poultry breed Kamarupa for income generation</b>		
Season & Year	Rabi 2026-27		
Main Problem	Low egg production from indigenous breed		
Main cause of problem	indigenous breed is prevalent among farmers		
Full detail of farmer's Practice	Rearing of indigenous breed		
Full detail of technology to be demonstrated :	Poultry chicks (Kamarupa)-15 days old chicks		
Source of Technology with year	Assam Agriculture University, Khanapara, Guwahati (Year-2015)		
Name of the Technology	Poultry (Kamarupa)		
Thematic area	Poultry management		
Name of villages	Ghaghra- Ghaghra , Bishunpur- Cheda, Rehe toli, Narmadanrtoli		
Area (ha)/Unit (No.)	200 birds	No. of farmers	10
Performance indicator	(I) Technical indicator-Body weight gain (in kg) (II) Economic indicator – B:C ratio (III) Farmer Feedback		

<b>Title of FLD</b>	<b>Demonstration of vermicomposting using Jai Gopal (<i>Perionyx ceylanesis</i>) worm</b>		
Season & Year	Rabi 2026		
Main Problem	Production dependence on chemical fertilizers.		
Main cause of problem	Poor availability of quality organic manures		
Full detail of farmer's Practice	Low use of organic manure, Dependence on chemical fertilizers.		
Full detail of technology to be demonstrated	Vermiculture using Jai Gopal earthworms, 20 beds established for compost production.		
Source of Technology with year	ICAR-IVRI, Bareilly (Year-2014)		
Name of the Technology	Vermicomposting using Jai Gopal ( <i>Perionyx ceylanesis</i> )		
Thematic area	Entrepreneurship		
Name of villages	Nagar, Borang		
Farming situation	-		
Area (ha)/Unit (No.)	10 beds	No. of farmers	10
Performance indicator	Technical indicator- Vermicompost production/bed/cycle Economic indicator: Cost of cultivation, Gross return, Net return, B:C ratio Farmer Feedback		

<b>Title of FLD</b>	<b>Demonstration on hybrid Napier for round the year fodder availability</b>		
Season & Year	Kharif 2026		
Main Problem	Dry fodder		
Main cause of problem	Poor availability of green fodder (Major availability in Kharif)		
Full detail of farmer's Practice	Maize crop using fodder.		
Full detail of technology to be demonstrated	Napier (Pusa Giant).		
Source of Technology with year	IARI		
Name of the Technology	Year-round fodder production		
Thematic area	Fodder production		
Name of villages	Nagar, Lutobertoli, Shirajpur		
Farming situation	Soil type-Red Laterite, Land type-Up & Midland, Irrigation type-Irrigated, Season- Kharif		
Area (ha)/Unit (No.)	0.40	No. of farmers	10
Performance indicator	Technical indicator- Fodder production /cycle, q/ha Economic indicator: Cost of cultivation, Gross return, Net return, B:C ratio Farmer Feedback		

### 3.3 Training (Including the sponsored and FLD training programmes):

#### A) ON Campus

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
<b>(A) Farmers &amp; Farm Women</b>								
<b>I Crop Production</b>								
Weed Management								
Resource Conservation Technologies								
Cropping Systems								
Crop Diversification	2	8	12	20	20	10	30	50
Site specific nutrient management								
Integrated Farming								
Water management	1	4	6	10	10	5	15	25
Seed production								
Nursery management								
Integrated Crop Management	3	12	18	30	30	15	45	75
Fodder production	1	4	6	10	10	5	15	25
Production of organic inputs								
Natural farming								
<b>Total</b>	<b>7</b>	<b>28</b>	<b>42</b>	<b>70</b>	<b>70</b>	<b>35</b>	<b>105</b>	<b>175</b>
<b>II Horticulture</b>								
<b>a) Vegetable Crops</b>								
Production of low volume and high value crops	1	4	6	10	10	5	15	25
Off-season vegetables								
Nursery raising	1	4	6	10	10	5	15	25
Exotic vegetables like Broccoli	1	4	6	10	10	5	15	25
Export potential vegetables								
Grading and standardization	1	4	6	10	10	5	15	25
Protective cultivation (Green Houses, Shade Net etc.)	1	4	6	10	10	5	15	25
Natural farming								
<b>b) Fruits</b>								
Training and Pruning								
Layout and Management of Orchards								
Cultivation of Fruit								
Management of young plants/orchards								
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques	1	4	6	10	10	5	15	25
<b>c) Ornamental Plants</b>								
Nursery Management								
Management of potted plants	1	4	6	10	10	5	15	25
Export potential of ornamental plants								

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
<b>(A) Farmers &amp; Farm Women</b>								
Propagation techniques of Ornamental Plants								
<b>d) Plantation crops</b>								
Production and Management technology								
Processing and value addition								
<b>e) Tuber crops</b>								
Production and Management technology								
Processing and value addition								
<b>f) Spices</b>								
Production and Management technology								
Processing and value addition								
<b>g) Medicinal and Aromatic Plants</b>								
Nursery management								
Production and management technology								
Post harvest technology and value addition								
<b>Total</b>	<b>7</b>	<b>38</b>	<b>42</b>	<b>70</b>	<b>70</b>	<b>35</b>	<b>105</b>	<b>175</b>
<b>III Soil Health and Fertility Management</b>								
Soil fertility management	<b>1</b>	<b>3</b>	<b>1</b>	<b>4</b>	<b>17</b>	<b>4</b>	<b>21</b>	<b>25</b>
Soil and Water Conservation								
Integrated Nutrient Management	<b>3</b>	<b>9</b>	<b>3</b>	<b>12</b>	<b>51</b>	<b>12</b>	<b>63</b>	<b>75</b>
Production and use of organic inputs	<b>1</b>	<b>3</b>	<b>1</b>	<b>4</b>	<b>17</b>	<b>4</b>	<b>21</b>	<b>25</b>
Management of Problematic soils								
Micro nutrient deficiency in crops	1	3	1	4	17	4	21	25
Nutrient Use Efficiency								
Soil and Water Testing								
<b>Total</b>	<b>6</b>	<b>21</b>	<b>6</b>	<b>24</b>	<b>102</b>	<b>24</b>	<b>126</b>	<b>150</b>
<b>IV Livestock Production and Management</b>								
Dairy Management	2	6	4	10	30	10	40	50
Poultry Management								
Piggery Management								
Rabbit Management/goat	1	3	2	5	15	5	20	25
Disease Management	1	3	2	5	15	5	20	25
Feed management								
Production of quality animal products	2	6	4	10	30	10	40	50
Other								
Duck-cum-Fish Farming	1	3	2	5	15	5	20	25
Fodder conservation	1	3	2	5	15	5	20	25
<b>Total</b>	<b>8</b>	<b>24</b>	<b>16</b>	<b>40</b>	<b>120</b>	<b>40</b>	<b>160</b>	<b>200</b>
<b>V Home Science/Women empowerment</b>								
Household food security by kitchen gardening and nutrition gardening								
Design and development of low/minimum cost diet								
Designing and development for high nutrient efficiency diet								
Minimization of nutrient loss in processing	1	0	5	5	0	20	20	25
Gender mainstreaming through SHGs	1	0	5	5	0	20	20	25

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
<b>(A) Farmers &amp; Farm Women</b>								
Storage loss minimization techniques	1	0	5	5	0	20	20	25
Value addition	1	0	5	5	0	20	20	25
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies	1	0	5	5	0	20	20	25
Rural Crafts								
Women and child care								
Other								
Mushroom Production	1	0	5	5	0	20	20	25
<b>Total</b>	<b>6</b>	<b>0</b>	<b>30</b>	<b>30</b>		<b>120</b>	<b>120</b>	<b>150</b>
<b>VI Agril. Engineering</b>								
Installation and maintenance of micro irrigation systems	1	5	0	05	10	10	20	25
Use of Plastics in farming practices	1	5	0	05	10	10	20	25
Production of small tools and implements								
Repair and maintenance of farm machinery and implements								
Small scale processing and value addition								
Post Harvest Technology	1	5	0	05	10	10	20	25
<b>Total</b>	<b>3</b>	<b>15</b>	<b>0</b>	<b>15</b>	<b>30</b>	<b>30</b>	<b>60</b>	<b>75</b>
<b>VII Plant Protection</b>								
Integrated Pest Management	03	12	12	24	33	18	51	75
Integrated Disease Management								
Pests and diseases management by Bio-control								
Production of bio control agents and bio pesticides	01	4	4	8	11	6	17	25
Others								
Seed Treatment	01	4	4	8	11	6	17	25
<b>Total</b>	<b>05</b>	<b>22</b>	<b>20</b>	<b>40</b>	<b>55</b>	<b>30</b>	<b>85</b>	<b>125</b>
<b>VIII Fisheries</b>								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
<b>Total</b>								

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
<b>(A) Farmers &amp; Farm Women</b>								
<b>IX Production of Inputs at site</b>								
Seed Production								
Planting material production								
Bio-agents production								
Bio-pesticides production	1	3	1	4	17	4	21	25
Bio-fertilizer production								
Vermi-compost production	2	6	2	8	34	8	42	50
Organic manures production								
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								
Production of Fish feed								
<b>Total</b>	<b>3</b>	<b>9</b>	<b>3</b>	<b>12</b>	<b>51</b>	<b>12</b>	<b>63</b>	<b>75</b>
<b>X Capacity Building and Group Dynamics</b>								
Leadership development								
Group dynamics								
Formation and Management of SHGs/FPOs etc	1	0	5	5	0	20	20	25
Mobilization of social capital								
Entrepreneurial development of farmers/youths								
WTO and IPR issues								
<b>Total</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>0</b>	<b>20</b>	<b>20</b>	<b>25</b>
<b>XI Agro-forestry</b>								
Production technologies								
Nursery management								
Integrated Farming Systems								
<b>XII Others (Pl. Specify)</b>								
<b>TOTAL</b>								
<b>GRAND TOTAL</b>	<b>46</b>	<b>157</b>	<b>164</b>	<b>306</b>	<b>498</b>	<b>346</b>	<b>844</b>	<b>1150</b>

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
<b>(B) RURAL YOUTH</b>								
Mushroom Production	1	3	2	5	15	5	20	25
Bee-keeping	1	3	2	5	15	5	20	25
Integrated farming								
Seed production	1	3	1	4	32	4	21	25
Production of organic inputs	1	3	1	4	32	4	21	25
Integrated Farming (Medicinal)								
Planting material production	1	4	6	10	10	5	15	25
Vermi-culture	1	3	1	4	32	4	21	25
Sericulture								
Protected cultivation of vegetable crops	1	4	6	10	10	5	15	25
Commercial fruit production								
Repair and maintenance of farm machinery and implements	1	10	2	12	9	4	13	25
Nursery Management of Horticulture crops	1	4	6	10	10	5	15	25
Training and pruning of orchards								
Value addition	2	2	50	50	0	30	30	50
Production of quality animal products								
Dairying								
Sheep and goat rearing	1	3	2	5	15	5	20	25
Quail farming								
Piggery	1	3	2	5	15	5	20	25
Rabbit farming								
Poultry production	1	3	2	5	15	5	20	25
Ornamental fisheries								
Para vets	1	3	2	5	15	5	20	25
Para extension workers								
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching								
Rural Crafts								
Others								
Lac cultivation	1	3	2	5	15	5	20	25
Micro Irrigation System	1	10	2	12	9	4	13	25
Enterprise development	1	0	5	0	20	0	25	25
<b>TOTAL</b>	<b>18</b>	<b>64</b>	<b>94</b>	<b>151</b>	<b>269</b>	<b>100</b>	<b>329</b>	<b>450</b>

Thematic Area	Name of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
<b>Extension Personnel</b>								
Productivity enhancement in field crops								
Integrated Pest Management	2	5	5	10	30	10	40	50
Integrated Nutrient management	2	5	5	10	30	10	40	50
Rejuvenation of old orchards	1	3	2	5	15	5	20	25
Protected cultivation technology	1	3	2	5	15	5	20	25
Formation and Management of SHGs								
Group Dynamics and farmers organization								
Information networking among farmers								
Capacity building for ICT application								
Care and maintenance of farm machinery and implements	2	5	5	10	30	10	40	50
WTO and IPR issues								
Management in farm animals								
Livestock feed and fodder production	1	3	2	5	15	5	20	25
Household food security								
Women and Child care	1	3	2	5	15	5	20	25
Low cost and nutrient efficient diet designing	1	3	2	5	15	5	20	25
Production and use of organic inputs								
Gender mainstreaming through SHGs	1	3	2	5	15	5	20	25
Any other (Pl. Specify)								
<b>TOTAL</b>	<b>12</b>	<b>33</b>	<b>27</b>	<b>60</b>	<b>180</b>	<b>60</b>	<b>240</b>	<b>300</b>

**B) OFF Campus**

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
<b>(A) Farmers &amp; Farm Women</b>								
<b>I Crop Production</b>								
Weed Management	1	4	6	10	10	5	15	25
Resource Conservation Technologies	1	4	6	10	10	5	15	25
Cropping Systems	1	4	6	10	10	5	15	25
Crop Diversification	1	4	6	10	10	5	15	25
Integrated Farming	1	4	6	10	10	5	15	25
Water management								
Seed production	1	4	6	10	10	5	15	25
Nursery management								
Integrated Crop Management	1	4	6	10	10	5	15	25
Fodder production								
Production of organic inputs	1	4	6	10	10	5	15	25
Post harvest technology	1	4	6	10	10	5	15	25
<b>Total</b>	<b>9</b>	<b>36</b>	<b>54</b>	<b>90</b>	<b>90</b>	<b>45</b>	<b>135</b>	<b>225</b>
<b>II Horticulture</b>								
<b>a) Vegetable Crops</b>								
Production of low volume and high value crops								
Off-season vegetables	1	4	6	10	10	5	15	25
Nursery raising								
Exotic vegetables like Broccoli								
Export potential vegetables								
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)								
<b>b) Fruits</b>								
Training and Pruning								
Layout and Management of Orchards	1	4	6	10	10	5	15	25
Cultivation of Fruit	1	4	6	10	10	5	15	25
Management of young plants/orchards								
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques								
<b>c) Ornamental Plants</b>								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
<b>(A) Farmers &amp; Farm Women</b>								
<b>d) Plantation crops</b>								
Production and Management technology								
Processing and value addition								
<b>e) Tuber crops</b>								
Production and Management technology								
Processing and value addition								
<b>f) Spices</b>								
Production and Management technology	1	4	6	10	10	5	15	25
Processing and value addition								
<b>g) Medicinal and Aromatic Plants</b>								
Nursery management								
Production and management technology	1	4	6	10	10	5	15	25
Post harvest technology and value addition								
<b>Total</b>	<b>5</b>	<b>20</b>	<b>30</b>	<b>50</b>	<b>50</b>	<b>25</b>	<b>75</b>	<b>125</b>
<b>III Soil Health and Fertility Management</b>								
Soil fertility management	2	6	2	8	34	8	42	50
Soil and Water Conservation								
Integrated Nutrient Management								
Production and use of organic inputs	1	3	1	4	17	4	21	25
Management of Problematic soils	1	3	1	4	17	4	21	25
Micro nutrient deficiency in crops								
Nutrient Use Efficiency	1	3	1	4	17	4	21	25
Soil and Water Testing	1	3	1	4	17	4	21	25
<b>Total</b>	<b>6</b>	<b>18</b>	<b>6</b>	<b>24</b>	<b>102</b>	<b>24</b>	<b>126</b>	<b>150</b>
<b>IV Livestock Production and Management</b>								
Dairy Management								
Poultry Management	1	3	2	5	15	5	20	25
Piggery Management	1	3	2	5	15	5	20	25
Rabbit Management /goat								
Disease Management								
Feed management	1	3	2	5	15	5	20	25
Production of quality animal products								
Other								
Control of ecto parasite	1	3	2	5	15	5	20	25
Vaccination	1	3	2	5	15	5	20	25
<b>Total</b>	<b>5</b>	<b>15</b>	<b>10</b>	<b>25</b>	<b>75</b>	<b>25</b>	<b>100</b>	<b>125</b>
<b>V Home Science/Women empowerment</b>								
Household food security by kitchen gardening and nutrition gardening	2	0	10	10	-	40	40	50
Design and development of low/minimum cost diet	1	0	5	5	-	20	20	25

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
<b>(A) Farmers &amp; Farm Women</b>								
Designing and development for high nutrient efficiency diet	1	0	5	5	-	20	20	25
Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs								
Storage loss minimization techniques								
Value addition								
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies								
Rural Crafts								
Women and child care	1	0	5	5	-	20	20	25
<b>Total</b>	<b>5</b>	<b>0</b>	<b>25</b>	<b>25</b>	<b>0</b>	<b>100</b>	<b>100</b>	<b>125</b>
<b>VI Agril. Engineering</b>								
Installation and maintenance of micro irrigation systems								
Use of Plastics in farming practices								
Production of small tools and implements	1	0	5	5	5	15	20	25
Repair and maintenance of farm machinery and implements	1	0	5	5	5	15	20	25
Small scale processing and value addition								
Post Harvest Technology								
Soil & Water Conservation	1	0	5	5	5	15	20	25
Rain Water Harvesting	1	0	5	5	5	15	20	25
Other								
Farm Mechanization	3	0	15	15	15	45	60	75
<b>Total</b>	<b>7</b>	<b>0</b>	<b>35</b>	<b>35</b>	<b>35</b>	<b>105</b>	<b>140</b>	<b>175</b>
<b>Plant Protection</b>								
Integrated Pest Management	3	12	12	24	33	18	51	75
Integrated Disease Management	1	4	4	8	11	6	17	25
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides	1	4	4	8	11	6	17	25
Lac cultivation	1	4	4	8	11	6	17	25
<b>Total</b>	<b>6</b>	<b>24</b>	<b>24</b>	<b>48</b>	<b>66</b>	<b>36</b>	<b>102</b>	<b>150</b>
<b>VIII Fisheries</b>								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture	1	3	2	5	10	10	20	25

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
<b>(A) Farmers &amp; Farm Women</b>								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
<b>Total</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>5</b>	<b>10</b>	<b>10</b>	<b>20</b>	<b>25</b>
<b>IX Production of Inputs at site</b>								
Seed Production								
Planting material production								
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								
Vermi-compost production								
Organic manures production								
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								
Production of Fish feed								
<b>Total</b>								
<b>X Capacity Building and Group Dynamics</b>								
Leadership development								
Group dynamics								
Formation and Management of SHGs(HS)								
Mobilization of social capital								
Entrepreneurial development of farmers/youths (Agro)								
WTO and IPR issues								
<b>XI Agro-forestry</b>								
Production technologies								
Nursery management								
Integrated Farming Systems (Agro)								
<b>XII Others (Pl. Specify)</b>								
<b>TOTAL</b>	<b>44</b>	<b>116</b>	<b>186</b>	<b>302</b>	<b>428</b>	<b>370</b>	<b>798</b>	<b>1100</b>

3)Consolidated table (ON and OFF Campus)

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
<b>(A) Farmers &amp; Farm Women</b>								
<b>I Crop Production</b>								
Weed Management	1	4	6	10	10	5	15	25
Resource Conservation Technologies	1	4	6	10	10	5	15	25
Cropping Systems	1	4	6	10	10	5	15	25
Crop Diversification	3	12	18	30	30	15	45	75
Integrated Farming	1	4	6	10	10	5	15	25
Water management	1	4	6	10	10	5	15	25
Seed production	1	4	6	10	10	5	15	25
Nursery management								
Integrated Crop Management	4	16	24	40	40	20	60	100
Fodder production	1	4	6	10	10	5	15	25
Production of organic inputs	1	4	6	10	10	5	15	25
Post harvest technology	1	4	6	10	10	5	15	25
<b>Total</b>	<b>16</b>	<b>64</b>	<b>96</b>	<b>160</b>	<b>160</b>	<b>80</b>	<b>240</b>	<b>400</b>
<b>II Horticulture</b>								
<b>a) Vegetable Crops</b>								
Production of low volume and high value crops	1	4	6	10	10	5	15	25
Off-season vegetables	1	4	6	10	10	5	15	25
Nursery raising	1	4	6	10	10	5	15	25
Exotic vegetables like Broccoli	1	4	6	10	10	5	15	25
Export potential vegetables								
Grading and standardization	1	4	6	10	10	5	15	25
Protective cultivation (Green Houses, Shade Net etc.)	1	4	6	10	10	5	15	25
<b>b) Fruits</b>								
Training and Pruning								
Layout and Management of Orchards	1	4	6	10	10	5	15	25
Cultivation of Fruit	1	4	6	10	10	5	15	25
Management of young plants/orchards								
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques	1	4	6	10	10	5	15	25
<b>c) Ornamental Plants</b>								
Nursery Management								
Management of potted plants	1	4	6	10	10	5	15	25
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								
<b>d) Plantation crops</b>								
Production and Management technology								
Processing and value addition								
<b>e) Tuber crops</b>								
Production and Management technology								

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
<b>(A) Farmers &amp; Farm Women</b>								
Processing and value addition								
<b>f) Spices</b>								
Production and Management technology	1	4	6	10	10	5	15	25
Processing and value addition								
<b>g) Medicinal and Aromatic Plants</b>								
Nursery management								
Production and management technology	1	4	6	10	10	5	15	25
Post harvest technology and value addition								
<b>Total</b>	<b>12</b>	<b>48</b>	<b>72</b>	<b>120</b>	<b>120</b>	<b>60</b>	<b>180</b>	<b>300</b>
<b>III Soil Health and Fertility Management</b>								
Soil fertility management	3	9	3	12	51	12	63	75
Soil and Water Conservation								
Integrated Nutrient Management	3	9	3	12	51	12	63	75
Production and use of organic inputs	2	6	4	8	34	8	42	50
Management of Problematic soils	1	3	1	4	17	4	21	25
Micro nutrient deficiency in crops	1	3	1	4	17	4	21	25
Nutrient Use Efficiency	1	3	1	4	17	4	21	25
Soil and Water Testing	1	3	1	4	17	4	21	25
<b>Total</b>	<b>12</b>	<b>36</b>	<b>12</b>	<b>48</b>	<b>204</b>	<b>48</b>	<b>252</b>	<b>300</b>
<b>IV Livestock Production and Management</b>								
Dairy Management	1	3	2	5	15	5	20	25
Poultry Management	1	3	2	5	15	5	20	25
Piggery Management	1	3	2	5	15	5	20	25
Rabbit Management/goat	1	3	2	5	15	5	20	25
Disease Management	1	3	2	5	15	5	20	25
Feed management	1	3	2	5	15	5	20	25
Production of quality animal products								
Others								
Control of ecto parasite	1	3	2	5	15	5	20	25
Duck cum Fish Farming	1	3	2	5	15	5	20	25
Fodder conservation	1	3	2	5	15	5	20	25
Fodder production	2	6	4	10	30	10	40	50
Vaccination	1	3	2	5	15	5	20	25
Milk Production	1	3	2	5	15	5	20	25
<b>Total</b>	<b>13</b>	<b>39</b>	<b>26</b>	<b>65</b>	<b>195</b>	<b>65</b>	<b>260</b>	<b>325</b>
<b>V Home Science/Women empowerment</b>								
Household food security by kitchen gardening and nutrition gardening	2		10	10	-	40	40	50
Design and development of low/minimum cost diet	1		05	05	-	20	20	25
Designing and development for high nutrient efficiency diet	1		05	05	-	20	20	25
Minimization of nutrient loss in processing	1		05	05	-	20	20	25
Gender mainstreaming through SHGs	1		05	05	-	20	20	25
Storage loss minimization techniques	1		05	05	-	20	20	25

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
<b>(A) Farmers &amp; Farm Women</b>								
Value addition	1		05	05	-	20	20	25
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies	1		05	05	-	20	20	25
Rural Crafts								
Women and child care	1		05	05	-	20	20	25
Other								
Mushroom Production	1		05	05	-	20	20	25
<b>Total</b>	<b>11</b>	<b>0</b>	<b>55</b>	<b>55</b>	<b>0</b>	<b>220</b>	<b>220</b>	<b>275</b>
<b>VI Agril. Engineering</b>								
Installation and maintenance of micro irrigation systems	1	5	0	05	10	10	20	25
Use of Plastics in farming practices	1	5	0	05	10	10	20	25
Production of small tools and implements	1	0	5	05	2	15	20	25
Repair and maintenance of farm machinery and implements	1	0	5	05	2	15	20	25
Small scale processing and value addition								
Post Harvest Technology	1	0	5	05	2	15	20	25
Other								
Rain water Harvesting	1	0	5	5	5	15	20	25
Soil & Water Conservation	1	0	5	5	5	15	20	25
Farm Mechanization	3	0	15	15	15	45	60	75
<b>Total</b>	<b>10</b>	<b>15</b>	<b>35</b>	<b>50</b>	<b>65</b>	<b>135</b>	<b>200</b>	<b>250</b>
<b>VII Plant Protection</b>								
Integrated Pest Management	06	24	24	48	66	36	102	150
Integrated Disease Management	01	4	4	8	11	6	17	25
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides	02	8	8	16	22	12	34	50
Beekeeping								
Lac cultivation	01	4	4	8	11	6	17	25
Other								
Seed Treatment	01	4	4	8	11	6	17	25
<b>Total</b>	<b>11</b>	<b>44</b>	<b>44</b>	<b>88</b>	<b>121</b>	<b>66</b>	<b>187</b>	<b>275</b>
<b>VIII Fisheries</b>								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture	1	3	2	5	15	5	20	25
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
<b>(A) Farmers &amp; Farm Women</b>								
Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
<b>Total</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>5</b>	<b>15</b>	<b>5</b>	<b>20</b>	<b>25</b>
<b>IX Production of Inputs at site</b>								
Seed Production	1	10	2	12	9	4	13	25
Planting material production								
Bio-agents production								
Bio-pesticides production	1	3	1	4	17	4	21	25
Bio-fertilizer production								
Vermi-compost production	1	10	2	12	9	4	13	25
Organic manures production								
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								
Production of Fish feed								
<b>Total</b>	<b>3</b>	<b>9</b>	<b>3</b>	<b>12</b>	<b>51</b>	<b>12</b>	<b>63</b>	<b>75</b>
<b>X Capacity Building and Group Dynamics</b>								
Leadership development								
Group dynamics								
Formation and Management of SHGs	1	0	5	5	0	20	20	25
Mobilization of social capital								
Entrepreneurial development of farmers/youths								
WTO and IPR issues								
<b>Total</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>0</b>	<b>20</b>	<b>20</b>	<b>25</b>
<b>XI Agro-forestry</b>								
Production technologies								
Nursery management								
Integrated Farming Systems								
Sponsored training								
<b>TOTAL</b>								
<b>GRAND TOTAL</b>	<b>90</b>	<b>224</b>	<b>244</b>	<b>468</b>	<b>1081</b>	<b>689</b>	<b>1782</b>	<b>2250</b>

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
<b>(B) RURAL YOUTH</b>								
Mushroom Production	1	3	2	5	15	5	20	25
Bee-keeping	1	3	2	5	15	5	20	25
Integrated farming								
Seed production	1	3	1	4	32	4	21	25
Production of organic inputs	1	3	1	4	32	4	21	25
Integrated Farming (Medicinal)								
Planting material production	1	4	6	10	10	5	15	25
Vermi-culture	1	3	1	4	32	4	21	25
Sericulture								
Protected cultivation of vegetable crops	1	4	6	10	10	5	15	25
Commercial fruit production								
Repair and maintenance of farm machinery and implements	1	10	2	12	9	4	13	25
Nursery Management of Horticulture crops	1	4	6	10	10	5	15	25
Training and pruning of orchards								
Value addition	2	2	50	50	0	30	30	50
Production of quality animal products								
Dairying								
Sheep and goat rearing	1	3	2	5	15	5	20	25
Quail farming								
Piggery	1	3	2	5	15	5	20	25
Rabbit farming								
Poultry production	1	3	2	5	15	5	20	25
Ornamental fisheries								
Para vets	1	3	2	5	15	5	20	25
Para extension workers								
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching								
Rural Crafts								
Others								
Lac cultivation	1	3	2	5	15	5	20	25
Micro Irrigation System	1	10	2	12	9	4	13	25
Enterprise development	1	0	5	0	20	0	25	25
<b>TOTAL</b>	<b>18</b>	<b>64</b>	<b>94</b>	<b>151</b>	<b>269</b>	<b>100</b>	<b>329</b>	<b>450</b>

Thematic Area	Name of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
<b>Extension Personnel</b>								
Productivity enhancement in field crops								
Integrated Pest Management	2	5	5	10	30	10	40	50
Integrated Nutrient management	2	5	5	10	30	10	40	50
Rejuvenation of old orchards	1	3	2	5	15	5	20	25
Protected cultivation technology	1	3	2	5	15	5	20	25
Formation and Management of SHGs								
Group Dynamics and farmers organization								
Information networking among farmers								
Capacity building for ICT application								
Care and maintenance of farm machinery and implements	2	5	5	10	30	10	40	50
WTO and IPR issues								
Management in farm animals								
Livestock feed and fodder production	1	3	2	5	15	5	20	25
Household food security								
Women and Child care	1	3	2	5	15	5	20	25
Low cost and nutrient efficient diet designing	1	3	2	5	15	5	20	25
Production and use of organic inputs								
Gender mainstreaming through SHGs	1	3	2	5	15	5	20	25
Any other (Pl. Specify)								
<b>TOTAL</b>	<b>12</b>	<b>33</b>	<b>27</b>	<b>60</b>	<b>180</b>	<b>60</b>	<b>240</b>	<b>300</b>

Details of training programmes attached in **Annexure –I**

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

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	16	600	185	785	10	5	15	610	190	800
Kisan Mela	01	915	475	1390	8	2	10	923	477	1500
Kisan Ghosthi	21	826	200	1026	20	04	24	846	224	1050
Exhibition	02	30	10	40	8	2	10	38	12	50
Film Show	04	56	40	96	2	2	4	58	42	100
Farmers Seminar	-									
Workshop	-									
Group meetings	06	55	25	80	5	5	10	60	30	90
Lectures delivered as resource persons	20									
Newspaper coverage	60									
Radio talks	7									
TV talks	7									
Popular articles	2									
Extension Literature	2									
<b>Advisory Services</b>	24	620	370	990	20	10	30	640	380	1020
Scientific visit to farmers field	24	200	40	240	-	-	-	200	40	240
Farmers visit to KVK	100	350	150	500	-	-	-	350	150	500
Diagnostic visits	10	60	35	95	3	2	5	63	37	100
Exposure visits	-									
Ex-trainees Sammelan	06	110	40	150	-	-	-	110	40	150
Soil health Camp	05	130	65	195	3	2	5	133	67	200
Animal Health Camp	04	435	360	795	3	2	5	738	362	800
Agri mobile clinic	-									
Soil test campaigns	02	30	18	48	1	1	2	31	19	50
Farm Science Club Conveners meet	-									
Self Help Group Conveners meetings	09	100	210	310	5	10	15	105	220	325
Mahila Mandals Conveners meetings	-									
Krishi Mohostva	-									
Krishi Rath	-									
Pre Kharif workshop	1	25	10	35	10	5	15	35	15	50
Pre Rabi workshop	1	25	10	35	10	5	15	35	15	50
PPVFRA workshop										
Any other (Specify)										
Farmer Scientist Interaction	10	335	150	485	10	5	15	345	155	500

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Agri knowledge in rural schools	04	150	110	260	5	5	10	155	115	270
Natural farming awareness	02	20	15	35	10	5	15	30	20	50
Helpline through Kisan Sarathi	24									
<b>Total</b>	<b>374</b>	<b>5072</b>	<b>2518</b>	<b>7590</b>	<b>133</b>	<b>72</b>	<b>205</b>	<b>5505</b>	<b>2610</b>	<b>7895</b>
Celebration of important days (specify)										
National Yuva Diwas (12 jan)	01	50	-	50	--	--	--	50	--	50
Subash Chandra Bose Jayanti (23 <sup>rd</sup> Jan)	01	25	25	50	--	--	--	25	25	50
Republic day (26 <sup>th</sup> January)	01	100	40	140	10	05	15	110	15	155
National Science Day (28 feb)	01	50	50	100	--	05	10	55	55	110
World Forestry Day (21 march)	01	50	50	100	05	05	10	55	55	110
International Women's Day (8 march)	01	05	100	105	--	10	10	05	115	120
World water day (22 march)	01	30	20	50	05	05	10	35	25	60
World veterinary day (25 april)	01	80	20	100	03	02	05	83	23	106
World environment day (5 june)	01	25	20	45	04	02	06	29	22	51
ICAR foundation day (16 <sup>th</sup> July)	01	50	45	95	02	02	04	52	49	99
World Aadiwasi Diwas (9 Aug)	01	40	57	97	05	05	10	45	62	107
Independence day (15 <sup>th</sup> August)	01	100	45	145	05	05	10	105	50	155
Parthenium Awareness week (16-22 Aug)	01	230	65	295	05	05	10	235	70	305
Nutrition week (1-7 sep)	01	120	175	295	05	05	10	125	180	310
Mahila Kisan Diwas (15 oct)	01	10	100	110	--	10	10	10	120	130
World Food Day (16 Oct)	01	70	30	100	05	02	07	75	32	107
World Soil Day (5 Dec)	01	100	90	190	05	02	107	105	92	197
Jai Jawan Jai Kisan Jai Vigyan Jai Anusandhan Diwasn (23 Dec)	01	120	77	197	05	02	07	125	79	204
Krishi Siksha Diwas (3 Dec)	01	100	100	200	05	05	10	110	110	220
Total	<b>19</b>	<b>1355</b>	<b>1109</b>	<b>2464</b>	<b>69</b>	<b>77</b>	<b>251</b>	<b>1434</b>	<b>1179</b>	<b>2646</b>
<b>Grand Total</b>	<b>393</b>	<b>6427</b>	<b>3627</b>	<b>10054</b>	<b>202</b>	<b>149</b>	<b>456</b>	<b>6939</b>	<b>3789</b>	<b>10541</b>

### 3.5 Target for Production and supply of Technological products

#### A) SEED MATERIALS

Sl. No.	Crop	Variety	Quantity (qtl.)
<b>CEREALS</b>			
	Ragi	BM-03	4.0
	Rice	CR Dhan 804, CR Dhan 807	15.0
	Rice	Sabour Kuwanr, Sabour Narendra,	90.0
	Wheat	HD 3388	12.0
	<b>Total</b>		<b>121.0</b>
<b>OILSEEDS</b>			
	Niger	JNC 29	3.0
	Mustard	BBM-1	10.0
	Kusum	ISF-764	3.0
	<b>Total</b>		<b>16.0</b>
<b>PULSES</b>			
	Gram	Swarn Laxmi	4.0
	Pea	Swarna Amar	2.0
			<b>6.0</b>
<b>VEGETABLES</b>			
	Palak	All green	0.10
	Methi	Pusa Arli	0.05
	Cow pea	Kashi Kanchan	0.10
	Sem	IIVR Sem-8	0.05
	<b>Total</b>		<b>0.3</b>
<b>OTHERS (Specify)</b>			
	Yam	Gajendra	8.0
	Ginger	Nadia	1.0
	Turmeric	Rajendra Sonia	1.0
	Taphrosia		0.50
	Gliricidia		
	<b>Total</b>		<b>10.50</b>
<b>FRUITS</b>			
	<b>Total</b>		<b>153.80q</b>

## B) PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)
<b>FRUITS</b>			
	Mango	Amrapali, Langra (Grafted)	2500
	Mango	Local Seedling	3000
	Guava	L-49	200
	Pear	Netarhat selection	500
	Jackfruit	Local	500
	Papaya	Ranchi Papaya	2000
	Drumstick		2000
	Custard Apple	Local	500
	<b>Total</b>		<b>10200</b>
<b>SPICES</b>			
<b>VEGETABLES</b>			
	Tomato	Swarna Prakash, A Samrat	25000
	Brinjal	Swarna Shyamali, RCBR -22	25000
	Chilli	Swarna Arohi, Arka Meghna	25000
	Cole crops	Cauliflower, Cabbage	5000
	<b>Total</b>		<b>80000</b>
<b>FOREST SPECIES</b>			
	Karipatta		100
	<b>Total</b>		<b>100</b>
<b>ORNAMENTAL CROPS</b>			
<b>Fodder</b>			
	Napier	Pusa Jaint	15000
	<b>Total</b>		<b>15000</b>
<b>Flower</b>			
	Marigold	Pusa Narangi	10000
	<b>Total</b>		<b>10000</b>
<b>Medicinal</b>			
	Lemongrass	Krishna	2000
	<b>Total</b>		<b>2000</b>
	<b>Grand Total</b>		<b>112300</b>

**c) BIO-PRODUCT**

Sl. No.	Product Name	Species	Quantity	
			No	(kg)
<b>BIO PESTICIDES</b>				
1	Jeevamrut	Organic Bio-fertilizer		10000 liter
2	Neemastra	Pesticide		1000 liter
3	Dasparni	Pesticide		1000 liter
4	Agneyastra	Pesticide		100 liter
5	Vermicompost			120 q
6	Earth Worm		20000 no	
	<b>Total</b>		<b>20000 no</b>	<b>12100 liter</b>

**D) LIVESTOCK**

Sl. No.	Type	Breed	Quantity	
			(Nos)	Unit
Cattle				
GOAT	Kids	Black Bengal	10	
SHEEP				
POULTRY				
Pig farming	Piglet	T&D	40	
FISHERIES				
<b>Duck</b>	Egg	Khakhi Campbell	300	

### 3.6 Literature to be Developed/Published

**(A) KVK News Letter**

Date of start : Jan to December

Number of copies to be published : 1000

**(B) Literature to be developed/published**

S. No.	Topic	Number
1	Research paper each scientist	01
2	Technical reports	07
3	News letters	02
4	Training manual all discipline	01
5	Popular article	02
6	Extension literature	04
<b>Total</b>		<b>17</b>

**(C) Details of Electronic Media to be Produced**

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette, whatsapp group, mobile app, etc.	Title of the product	Number
1	Audio-video	Lah se Kakhpati, Jangali Sahad, Mote anaj se samridhi, Dalhan se Rojgar	04

**3.7. Success stories/Case studies identified for development as a case. - 04**

a. Brief introduction/Background

b. Interventions/process

c. Output

d. Outcomes

e. Impact

i) Social economic

ii) Bio-Physical

f. Good Action Photographs

**3.8 Indicate the specific training need analysis tools/methodology followed for Practicing Farmers**

- a) Survey (need assessment) ✓
- b) Group discussion ✓
- c) Field Observation ✓
- d) Performance of data ✓
- e) Social analysis ✓

**Rural Youth**

- a) Surveys (Knowledge level) ✓
- b) Group discussion/interviews ✓
- c) Purpose (Need assessment/utility) ✓
- d) PRA ✓
- e) Training Need Index ✓

**In-service personnel**

- a) Survey
- b) Interviews ✓
- c) Focus groups ✓
- d) Skill gap analysis

**3.9 Indicate the methodology for identifying OFTs/FLDs**

**For OFT:**

- i) PRA ✓
- ii) Problem identified from Matrix based ranking & analysis ✓
- iii) Field level observations ✓
- iv) Farmer group discussions ✓
- v) Social analysis ✓

**For FLD:**

- i) New variety/technology ✓
- ii) Poor yield at farmers level ✓
- iii) Existing cropping system ✓
- iv) Social analysis ✓

**3.10 Field activities**

- i. Name of villages identified/adopted with block name (2025) – Lutobertoli (Gumla), Shivrajpur, Sarnatoli, (Ghaghra) Nagar (Sisai), Banalat, Borang (Bishunpur)
- ii. No. of farm families selected per village:- 10
- iii. No. of PRA conducted: 05
- iv. No. of technologies taken to the adopted villages:-03

- v. Name of the technologies found suitable by the farmers of the adopted villages: 03
- vi. Impact (production, income, employment, area/technological– horizontal/vertical)
- vii. Constraints if any in the continued application of these improved technologies

### 3.11. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab:

1. Year of establishment : 2016-17

2. List of equipment's purchase with amount

Sl. No.	Name of the equipment	Quantity	Cost (Rs)
1	NA		

3. Targets of samples for analysis:

Details	No. of Samples	No. of Farmers	No. of Villages	Amount to be realized
Soil Samples	200	200	10	20000.00
Water				
Plant				
<b>Total</b>	<b>200</b>	<b>200</b>	<b>10</b>	<b>20000.00</b>

#### 4.0 LINKAGES

##### 4.1 Functional linkage with different organizations/department

Sl.No.	Name of organization	Nature of Linkage	Outcome of linkage
1.	Horticulture	Training	100 No of farmers benefited
2.	NGOs	Training/Exposure visit	500 no of farmers benefited under different activities
3.	DCO	Training	50 no of farmers benefited under INM
4.	SIDHKOFED	Training and awareness	100 No of farmers benefited
5.	NBHM	Establishment of honey testing unit, plantation, Beekeeping demo unit	50 No of honey sample analysis, promotion of beekeeping unit

##### 4.2 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes/No

S. No.	Programme	Nature of linkage	Outcome of linkage
1	Training	Technical support under NMOS	250 No of farmers trained in oil seed production
2	Farmers Scientist interaction	Technical support	500 no of farmers to benefited

##### 5. Utilization of Hostel facilities

S. No.	Programme	No. of days
1	Training	3750 (Mandays)
2	Others programme	150 (Mandays)
	<b>Total</b>	<b>3900 (Mandays)</b>

##### 6. Partnership with departments for technology out scaling (proposed):

### Training Programme

#### i) Farmers & Farm women (On Campus)

Date	Clientele	Title of the training programme	Duration in days	Number of participants			Number of SC/ST			G. Total	Month of training
				M	F	T	M	F	T		
<b>Crop Production</b>											
22/01/26	PF/FW	Improved production technology of green gram	1	16	9	25	10	05	15	25	Jan
12/05/26	PF/FW	Production Technology of Kharif cereals	1	16	9	25	10	05	15	25	May
04/06/26	PF/FW	Improved production technology of Kharif pulses	1	16	9	25	10	05	15	25	June
09/07/26	PF/FW	Crop diversification a strategy for profitable agriculture	1	16	9	25	10	05	15	25	July
08/09/26	PF/FW	Pulses and oilseeds production technology for rabi crop	1	16	9	25	10	05	15	25	Sept
05/11/26	PF/FW	Fodder crops production technology	1	16	9	25	10	05	15	25	Oct
03/12/26	PF/FW	Efficient irrigation management for rabi crop	1	16	9	25	10	05	15	25	Dec
		<b>Total</b>	<b>7</b>	<b>112</b>	<b>63</b>	<b>175</b>	<b>70</b>	<b>35</b>	<b>105</b>	<b>175</b>	
<b>Horticulture</b>											
14/03/26	PF/FW	Management technology of ornamental & potted plants	1	3	2	5	15	5	20	25	Mar
23/04/26	PF/FW	Raising of quality vegetable seedling	1	3	2	5	15	5	20	25	Apr
09/07/26	PF/FW	Propagation techniques of fruit plants	1	3	2	5	15	5	20	25	July
10/09/26	PF/FW	Protected cultivation of vegetables	1	3	2	5	15	5	20	25	Sept
15/10/26	PF/FW	Cultivation of Broccoli	1	3	2	5	15	5	20	25	Oct
12/11/26	PF/FW	Cultivation of exotic winter vegetable	1	3	2	5	15	5	20	25	Nov
17/12/26	PF/FW	Importance of grading and standardization of tomato and potato	1	3	2	5	15	5	20	25	Dec
		<b>Total</b>	<b>07</b>	<b>21</b>	<b>14</b>	<b>35</b>	<b>105</b>	<b>35</b>	<b>140</b>	<b>175</b>	
<b>Livestock prod.</b>											
03/01/26	PF/FW	Disease management in small ruminant during summer	1	3	2	5	15	5	20	25	Jan
03/03/26	PF/FW	Balanced feed production for goat	1	3	2	5	15	5	20	25	Mar
02/06/26	PF/FW	Duck farming/ Fish farming	1	3	2	5	15	5	20	25	Jun
02/07/26	PF/FW	Hey and silage making	1	3	2	5	15	5	20	25	July
21/07/26	PF/FW	On farm production of feed and fodder	1	3	2	5	15	5	20	25	July
04/09/26	PF/FW	Importance of green fodder production in dairy farming	1	3	2	5	15	5	20	25	Sep
06/10/26	PF/FW	Clean milk production	1	3	2	5	15	5	20	25	Oct
03/12/26	PF/FW	Management of dairy animal	1	3	2	5	15	5	20	25	Dec
		<b>Total</b>	<b>8</b>	<b>24</b>	<b>16</b>	<b>40</b>	<b>120</b>	<b>40</b>	<b>160</b>	<b>200</b>	

Date	Clientele	Title of the training programme	Duration in days	Number of participants			Number of SC/ST			G. Total	Month of training
				M	F	T	M	F	T		
<b>Agril. Engg.</b>											
11/09/26	PF/FW	Importance of Plastic Mulching and Low-cost Poly house Technology in Farming	1	5	0	05	10	10	20	25	Sep
13/10/26	PF/FW	Post-Harvest Processing and Value Addition of Fruits and Vegetables	1	5	0	05	10	10	20	25	Oct
19/11/26	PF/FW	Care and maintenance of Micro irrigation system	1	5	0	05	10	10	20	25	Nov
		<b>Total</b>	<b>3</b>	<b>15</b>	<b>0</b>	<b>15</b>	<b>30</b>	<b>30</b>	<b>60</b>	<b>75</b>	
<b>Home Sc.</b>											
12/01/26	PF/FW	Cooking methods for minimizing nutrient loss	1	0	5	5	0	20	20	25	Jan
13/02/26	PF/FW	Capacity building of SHGs	1	0	5	5	0	20	20	25	Feb
11/03/26	PF/FW	Storage techniques for cereals and pulses	1	0	5	5	0	20	20	25	March
13/07/26	PF/FW	Methods of value addition of seasonal fruits	1	0	5	5	0	20	20	25	July
26/08/26	PF/FW	Oyster Mushroom Production technique	1	0	5	5	0	20	20	25	Aug
16/12/26	PF/FW	Importance of drudgery reduction small tools and equipment	1	0	5	5	0	20	20	25	Dec
		<b>Total</b>	<b>6</b>	<b>0</b>	<b>30</b>	<b>30</b>	<b>0</b>	<b>120</b>	<b>120</b>	<b>150</b>	
<b>Plant Protection</b>											
18/04/26	PF/FW	Method of seed treatment	1	0	5	5	0	20	20	25	Apr
11/08/26	PF/FW	Disease and pest management in kharif Pulses	1	0	5	5	0	20	20	25	Aug
18/10/26	PF/FW	Disease and pest management in Rabi Pulses	1	0	5	5	0	20	20	25	Oct
15/11/26	PF/FW	Onsite production of Bio pesticide	1	0	5	5	0	20	20	25	Nov
		<b>Total</b>	<b>4</b>	<b>0</b>	<b>20</b>	<b>20</b>	<b>0</b>	<b>80</b>	<b>80</b>	<b>100</b>	
<b>Soil Health</b>											
18/02/26	PF/FW	Soil health management and soil sampling.	1	19	6	25	0	0	0	25	Feb
30/07/26	PF/FW	Balance use of fertilizers in Kharif crops	1	19	6	25	0	0	0	25	Jul
06/08/26	PF/FW	Fertilizer management in rice crop	1	19	6	25	0	0	0	25	Aug
24/09/26	PF/FW	Importance of micro nutrients and their management	1	19	6	25	0	0	0	25	Sep
10/10/26	PF/FW	Production and application methods of Bio inputs	1	19	6	25	0	0	0	25	Oct
19/11/26	PF/FW	Fertilizer management in all Rabi crop	1	19	6	25	0	0	0	25	Nov
		<b>Total</b>	<b>6</b>	<b>114</b>	<b>36</b>	<b>150</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150</b>	

**i) Farmers & Farm women (Off Campus)**

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total	Month of training
				M	F	T	M	F	T		
<b>Crop Production</b>											
18/02/26	PF/FW	Post harvest management technology for Rabi crop	1	16	9	25	10	05	15	25	Feb
16/04/26	PF/FW	Resource conservation technology for field crops	1	16	9	25	10	05	15	25	April
14/05/26	PF/FW	Seed Production of Field crops	1	16	9	25	10	05	15	25	May
11/06/26	PF/FW	Kharif Oilseeds production technology	1	16	9	25	10	05	15	25	June
06/08/26	PF/FW	Weed management technique of Paddy	1	16	9	25	10	05	15	25	Aug
10/09/26	PF/FW	IFS for Small & Marginal farmers	1	16	9	25	10	05	15	25	Sep
14/10/26	PF/FW	Importance of cropping system	1	16	9	25	10	05	15	25	Oct
19/11/26	PF/FW	Wheat production technology	1	16	9	25	10	05	15	25	Nov
10/12/26	PF/FW	In situ Production of organic input	1	16	9	25	10	05	15	25	Dec
<b>Total</b>			<b>9</b>	<b>144</b>	<b>81</b>	<b>225</b>	<b>90</b>	<b>45</b>	<b>135</b>	<b>225</b>	
<b>Horticulture</b>											
16/01/26	PF/FW	Improved production technology of Papaya	1	3	2	5	15	5	20	25	Jan
13/02/26	PF/FW	Scientific Orchard management	1	3	2	5	15	5	20	25	Feb
16/05/26	PF/FW	Scientific cultivation of Turmeric & Ginger	1	3	2	5	15	5	20	25	May
09/07/26	PF/FW	Cultivation of Kharif Onion & Potato	1	3	2	5	15	5	20	25	Jul
20/07/26	PF/FW	Production and management technology of need based medicinal & aromatic plants	1	3	2	5	15	5	20	25	Jul
<b>Total</b>			<b>05</b>	<b>15</b>	<b>10</b>	<b>25</b>	<b>75</b>	<b>25</b>	<b>100</b>	<b>125</b>	
<b>Live Stock Production.</b>											
04/02/26	PF/FW	Prevention and treatment of ecto parasite	1	3	2	5	15	5	20	25	Feb
23/04/26	PF/FW	Scientific Poultry management	1	3	2	5	15	5	20	25	Apr
03/05/26	PF/FW	Feed management of newly born calf	1	3	2	5	15	5	20	25	May
02/08/26	PF/FW	Importance of vaccination in animal	1	3	2	5	15	5	20	25	Aug
05/11/26	PF/FW	Pig farming & management	1	3	2	5	15	5	20	25	Nov
21/07/26	PF/FW	Composite fish farming	1	3	2	5	15	5	20	25	July
<b>Total</b>			<b>05</b>	<b>15</b>	<b>10</b>	<b>25</b>	<b>75</b>	<b>25</b>	<b>100</b>	<b>125</b>	
<b>Agril. Engg.</b>											
15/01/26	PF/FW	Repair & maintenance of farm machinery & implements	1	5	0	05	10	10	20	25	Jan
12/02/26	PF/FW	Different conservation technique of soil erosion	1	5	0	05	10	10	20	25	Feb
17/04/26	PF/FW	Application of farm machinery & implements in agriculture	1	5	0	05	10	10	20	25	April
21/05/26	PF/FW	Care & Maintenance of thresher machines	1	5	0	05	10	10	20	25	May
18/06/26	PF/FW	Development of Rain Water Harvesting Structure	1	5	0	05	10	10	20	25	June
24/07/26	PF/FW	Care and Maintenance of Seed-cum-Fertilizer Drill Machines	1	5	0	05	10	10	20	25	July
17/12/26	PF/FW	Production of Small Agricultural Tools for Drudgery Reduction	1	5	0	05	10	10	20	25	Dec

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total	Month of training
				M	F	T	M	F	T		
		<b>Total</b>	<b>7</b>	<b>35</b>	<b>0</b>	<b>35</b>	<b>70</b>	<b>70</b>	<b>140</b>	<b>175</b>	
<b>Home Sc.</b>											
08/04/26	PF/FW	Design and development of Nutrition Garden	1	0	5	5	0	20	20	25	April
13/05/26	PF/FW	Low cost millet recipes	1	0	5	5	0	20	20	25	May
10/06/26	PF/FW	Preparation of high protein diet for children	1	0	5	5	0	20	20	25	June
08/10/26	PF/FW	Design and development of Nutrition Garden	1	0	5	5	0	20	20	25	Oct
18/09/26	PF/FW	Importance of immunization in children	1	0	5	5	0	20	20	25	Nov
10/12/26	PF/FW	Capacity building of SHGs	1	0	5	5	0	20	20	25	Dec
		<b>Total</b>	<b>7</b>	<b>0</b>	<b>35</b>	<b>35</b>	<b>0</b>	<b>140</b>	<b>140</b>	<b>175</b>	
<b>Plant Protection</b>											
10/01/26	PF/FW	Disease and pest management in Rabi pulses	1	0	5	5		20	20	25	Jan
10/02/26	PF/FW	Disease and pest management in Rabi Oilseeds	1	0	5	5		20	20	25	Feb
18/02/26	PF/FW	Management practices of storage grain pest	1	0	5	5		20	20	25	Feb
12/05/26	PF/FW	Integrated disease management in kharif vegetables	1	0	5	5		20	20	25	May
13/05/26	PF/FW	Disease management in Lac cultivation	1	0	5	5		20	20	25	June
16/07/26	PF/FW	Integrated disease Management in <i>kharif</i> cereals	1	0	5	5		20	20	25	July
15/09/26	PF/FW	Techniques of bio pesticides production and their uses	1	0	5	5		20	20	25	Sep
		<b>Total</b>	<b>7</b>	<b>0</b>	<b>35</b>	<b>35</b>	<b>0</b>	<b>140</b>	<b>140</b>	<b>175</b>	
<b>Soil health</b>											
07/01/26	PF/FW	Preparation technique of enriched of vermicompost	1	3	1	4	17	4	21	25	Jan
11/03/26	PF/FW	Soil fertility management through INM	1	3	1	4	17	4	21	25	Mar
23/04/26	PF/FW	Importance of soil and water testing	1	3	1	4	17	4	21	25	Apr
21/05/26	PF/FW	Soil health management and soil sampling.	1	3	1	4	17	4	21	25	May
24/06/26	PF/FW	Amelioration of acidic soil	1	3	1	4	17	4	21	25	Jun
17/12/26	PF/FW	Nutrient management through water soluble fertilizers	1	3	1	4	17	4	21	25	Dec
		<b>Total</b>	<b>06</b>	<b>18</b>	<b>6</b>	<b>24</b>	<b>102</b>	<b>24</b>	<b>126</b>	<b>150</b>	

### ii) Vocational training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			SC/ST participants			G.Total	Month of training
				M	F	T	M	F	T		
Gardener	Garden management	Mali Training	15	4	2	6	10	9	19	25	Oct
Para vet	Para vet	Pashu Mitra	15	4	2	6	10	9	19	25	June
Mushroom	Enterprise development	Spawn production	15	4	2	6	10	9	19	25	Aug

### iii) Training programme for extension functionaries

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total	Month of Training
				M	F	T	M	F	T		
<b>On Campus</b>											
22/05/26	EF	Protected cultivation technology	01	20	5	25	15	5	20	25	May
13/05/26	EF	Technologies for balance use of fertilizers	2	40	10	50	25	15	40	50	May
15/05/26											
11/06/26	EF	Strategy of Integrated Pest Management for Kharif crops	01	20	5	25	15	5	20	25	June
18/06/26	EF	Farm Mechanization for CRA	01	20	5	25	15	5	20	25	June
16/07/26	EF	Capacity building of Pashu Sakhi	01	20	5	25	15	5	20	25	July
10/09/26	EF	Therapeutic importance of moringa olifera and its value-added products	01	20	5	25	15	5	20	25	Sept
16/09/26	EF	Application of Agri drone in farming	01	20	5	25	15	5	20	25	Sept
21/09/26	EF	Livestock feed and fodder production technology	01	20	5	25	15	5	20	25	Sept
15/10/26	EF	Preparation & application of organic pesticides in vegetables	01	20	5	25	15	5	20	25	Oct
29/11/26	EF	Rejuvenation of old orchards	01	20	5	25	15	5	20	25	Nov
17/12/26	EF	Women and Child care for tribal house holds	01	20	5	25	15	5	20	25	Dec
	<b>Total</b>		<b>12</b>	<b>240</b>	<b>60</b>	<b>300</b>	<b>175</b>	<b>65</b>	<b>240</b>	<b>300</b>	

### iv) Sponsored programme

Discipline	Sponsoring agency	Clientele	Title of the training programme	No. of course	No. of participants			Number of SC/ST			G. Total
					M	F	T	M	F	T	
<b>a) Sponsored training programme</b>											
<b>Animal &amp; Vet. Science</b>											
	JSLPS (Farmer)	PF	Goat Farming	1	3	5	8	10	7	17	25
	ATMA (Farmer)	PF	Pig Farming	1	3	5	8	10	7	17	25
	JSLPS (Farmer)	PF	Para Vet	1	3	5	8	10	7	17	25
			<b>Total</b>	<b>3</b>	<b>9</b>	<b>15</b>	<b>24</b>	<b>30</b>	<b>21</b>	<b>51</b>	<b>75</b>
<b>b) Sponsored research programme</b>											
			<b>Total</b>								
<b>c) Any special programmes</b>											

### Others (RY Training)

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total	
				M	F	T	M	F	T		
<b>Horticulture</b>											
15-19/07/26	RY	Propagation techniques of Fruits & vegetables	5	3	2	5	15	5	20	25	Jul
12-16/09/26	RY	Vegetable nursery management	5	3	2	5	15	5	20	25	Sept.
18-22/11/26	RY	Protected cultivation of Vegetables	5	3	2	5	15	5	20	25	Nov
	<b>Total</b>	<b>3</b>		<b>9</b>	<b>6</b>	<b>15</b>	<b>45</b>	<b>15</b>	<b>60</b>	<b>75</b>	
<b>Soil Science</b>											
26-30/05/26	RY	Preparation and marketing of Vermicompost	5	3	2	5	15	5	20	25	May
08-12/09/26	RY	Preparation and application of Bio-inputs	5	3	2	5	15	5	20	25	Sep
15-19/12/26	RY	Seed Production of Field and vegetable crops	5	3	2	5	15	5	20	25	Dec
	<b>Total</b>	<b>3</b>		<b>9</b>	<b>6</b>	<b>15</b>	<b>45</b>	<b>15</b>	<b>60</b>	<b>75</b>	
<b>Plant Protection</b>											
19-23/05/26	RY	Scientific lac cultivation	5	10	2	12	9	4	13	25	May
15-19/09/26	RY	Scientific Mushroom Production	5	10	2	12	9	4	13	25	Sep
09-13/11/26	RY	Scientific Bee keeping	5	10	2	12	9	4	13	25	Nov
	<b>Total</b>	<b>3</b>		<b>30</b>	<b>6</b>	<b>36</b>	<b>27</b>	<b>12</b>	<b>39</b>	<b>75</b>	
<b>Livestock</b>											
11-15/05/26	RY	Pashu Mitra Prashikshan	5	3	2	5	15	5	20	25	May
09-13/06/25	RY	Scientific Goat rearing	5	3	2	5	15	5	20	25	June
03-07/08/26	RY	Improved poultry farming	5	3	2	5	15	5	20	25	Aug
20-24/11/26	RY	Commercial Pig Farming	5	3	2	5	15	5	20	25	Sep
	<b>Total</b>	<b>4</b>		<b>12</b>	<b>08</b>	<b>20</b>	<b>60</b>	<b>20</b>	<b>80</b>	<b>100</b>	
<b>Agriculture Engineering</b>											
23-27/1/26	RY	Repair and maintenance of farm machinery and implements	5	10	2	12	9	4	13	25	Jan
14-18/09/26	RY	Installation & maintenance of micro irrigation systems	5	10	2	12	9	4	13	25	Sep
	<b>Total</b>	<b>2</b>		<b>20</b>	<b>04</b>	<b>24</b>	<b>18</b>	<b>08</b>	<b>26</b>	<b>50</b>	
<b>Home Science</b>											
09-13/02/26	RY	Millet Processing	5	0	25	25	0	15	15	25	Feb
11-15/05/26	RY	Value addition of locally available Seasonal fruits & Vegetables	5	0	25	25	0	15	15	25	May
14-18/10/26	RY	Enterprise development through Millet processing	5	0	25	25	0	15	15	25	Dec
	<b>Total</b>	<b>3</b>		<b>0</b>	<b>75</b>	<b>75</b>	<b>0</b>	<b>45</b>	<b>45</b>	<b>75</b>	
<b>Grand Total</b>		<b>18</b>		<b>80</b>	<b>105</b>	<b>185</b>	<b>195</b>	<b>115</b>	<b>310</b>	<b>450</b>	



Signature of Senior Scientist & Head