ACTION PLAN FOR THE KVK ROHTAS, BIKRAMGANJ

(1st January to 31 December, 2025)

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, Ara Road, Bikramganj, Rohtas PIN-802212	06185-222800	-	rohtaskvk@gmail.com	www.rohtas.kvk4.in

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

Address	Telephone		E mail	Website
	Office	FAX		
Bihar Agricultural University, Sabour, Bhagalpur- 813210	0641-2452611	0641-2452604	deebausabour@gmail.com	www.bausabour.ac.in

1.2.b. Status of KVK website : Working Date when the website last updated: 16.03.2026

1.2.c. No. of Visitors (Hits) to your KVK website (as on today) : 160982

1.2.d Status of ICT lab at your KVK :

a) No. of PC units : 05

b) No. of Printers : 03

c) Internet connection : Yes

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

Name	Telephone / Contact		
	Office	Mobile	Email
Mr. Rabindra Kumar Jalaj	9430245604	7004388055	rohtaskvk@gmail.com

1.4. Year of sanction: 2004

1.5. Staff Position (as on 1st 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	06	Mr. R.K. Jalaj	I/C Sr. Scientist & Head	Fisheries Sc	15600-39100	6000	92600	10.06.2009	Permanent	SC	9430245604	rjjalaj99@gmail.com	
2		Dr. Rama Kant Singh	SMS	Soil Sc	15600-39100	5400	77700	14.04.2012	Permanent	Others	8318993507	rksbau555@gmail.com	
3		Dr. Ratan Kumar	SMS	Hort.	15600-39100	5400	77700	17.04.2012	Permanent	Others	9472542844	ratantat977@gmail.com	

4	01	Mr. Praween Kumar Patel	P.A. Lab	Agriculture	9300-36200	4200	50500	06.11.20212	Permanent	Others	9631107872	praweenkolkata@gmail.com	
5	01	Mr. Abhishek Kaushal	Assistant	Accounts	9300-36200	4200	49000	26.04.2013	Permanent	SC	6205882738	abhishekkaushal8@gmail.com	
6	01	Mr. Harendra Pd. Sharma	P.A. Computer	Computer	9300-36200	4200	49000	17.05.2013	Permanent	OBC	9122048945	hpsharmapac@gmail.com	
7	01	Mr. Subesh Kumar	Stenographer	-	5200 - 20200	2400	35300	22.06.2013	Permanent	OBC	7070005391	subeshkvk@gmail.com	
8	02	Mr. Rakesh Kumar	Driver	-	5200 - 20200	2000	29300	15.05.2015	Permanent	SC	9661418868	rakeshkumarssm886@gmail.com	
9		Mr. Navin Kr. Paswan	Driver	-	5200 - 20200	2000	29300	20.05.2015	Permanent	SC	7549475280	navinkvk81@gmail.com	

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	0.13
2.	Under Demonstration Units	1.70
3.	Under Crops	7.10
4.	Horticulture	0.30
5.	Pond	0.25
6.	Others if any	0.42

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding		Stage					
				Complete			Incomplete		
		ICAR	RKVY	Completion Year	Plinth area (Sq.m)	Expenditure (Rs.)	Starting year	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR							Completed
2.	Farmers Hostel	ICAR							Completed
3.	Staff Quarters (6)	ICAR							Completed
4.	Demonstration Units (2)								
5	Fencing						Not started		
6	Rain Water harvesting system						Not started		
7	Threshing floor	ICAR							Completed
8	Farm godown	ICAR							Completed
9	Dairy unit	State Govt.							Completed
9	Goatry Unit	State Govt.							Completed
10	Poultry Unit	State Govt.							Completed
11	Mushroom Lab	ICAR							Completed

12	Shade House	ICAR							Completed
13	Soil Test Lab	ICAR							Completed
14	Vermicompost unit	ICAR							Completed
15	IFS	State Govt.							Completed
16	Shade House (Big)	NHM							Completed
17	Polyhouse	NHM							Completed
18	Distillation Unit	CIMAP							Completed
19.	Small Food processing unit	ICAR							Completed
20.	Mushroom production unit	ICAR							Completed
21.	Azolla unit	ICAR							Completed
22.	Natural farming unit	ICAR							Completed

B) Vehicles

Type of vehicle	Year of purchase	Source (ICAR/RKVY)	Cost (Rs.)	Total kms. run as on December, 2025	Present status
Jeep (Bolero)	2017	ICAR	4,40,526.00	231583	Working
Motorcycle (Hero Passion)	2015	ICAR	59,452/-	35721	Working
Motorcycle (Honda Neo)	2015	ICAR	59,600/-	37598	Working
Tractor Mahindra	2014	ICAR	5,65,000.00	2604 Hour	Working
Tractor New Holland	2021	State Govt.	9,41,151/-	1015 Hour	Working
Harvester	2021	State Govt.	27,59,532/-	1002 Hour	Working

C) Equipment's & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
a. Lab equipment			
PP cap sealing	2012	9550/-	Working
Crown corking	2012	4950/-	Working
Mixture/grinder	2012	9000/-	Working
Lug cap sealer	2012	8900/-	Working
Pulper	2012	16500/-	Working
Fruit mill	2012	16500/-	Working
Drying oven	2012	74500/-	Working
Vacuum Bottle filling	2012	24500/-	Working
Vegetable juicer	2012	19500/-	Working
Auto clave	2012	62000/-	Working
Refrectometer	2012	4400/-	Working
Thermometer	2012	880/-	Working
Electrical Top pan balance	2012	9975/-	Working
Contour TS Blood Glucos	2013	1645/-	Working
Sphygmomanometer	2013	1100/-	Working
Stethoscope	2013	400/-	Not Working
Weighing Machine Digital	2014	2730/-	Working
Staturemeter	2014	551.25	Working
Weighing SCL Libra	2014	1099.38	Working
Heamo Meter Square	2014	731.86	Working
Heamo Meter Round	2014	539.72	Working

Chips Cutter	2014	495/-	Working
Paddle Operated Potato Peeler & Slicer	2014	32480/-	Working
Laminar Flow	2012	60,000/-	Working
Refrigerator	2012	20,000/-	Good
Rack (2 Nos)	2012	6000/-	Good
BOD Incubator	2012	70000/-	Working
Commerical Gas Cylinder	2023	4747/-	Working
b. Farm machinery			
Tractor	2014-15	5,65,000.00	working
Paddy transplanter	2011-12	-	working
Reaper (Self propelled)	2013-14	1,00,000	Working
Rubber Holler Rice Mill	2012-13	2,17,615.00	working
Vermicompost Shieving Machine	2022-23	45,000	Working
Rotary Tiller	2023-24	115000	Working
c. AV Aids			
Camera 16 mega pixel	2007	33,738/-	Not Working
Colour printer Epson All in One	2019	16284/-	Not Working
UPS Zebronics 1KVA (5 Nos.)	2019	23495/-	Not Working
Portable HDD	2019	12157/-	Working
Desktop Computer -Lenovo V530	2019	31950/-	Not Working
HP 1020 Plus Printer	2021	13800/-	Working
HP Neverstop 2-in-1 printer	2021	20200/-	Not Working
Acer All in One	2022		Working
HP Inktank Wireless printer	2022		Working
UPS Zebronics 1 KVK (2 Nos.)	2021	10000/-	Not Working
HP All in One	2021	53300/-	Working
Acer All in One	2022	53233/-	Working
Microtek Online UPS	2023	49000	Not working
Smart Board	2023	1,00,000/-	Working
Inverter with Tabular Battery	2023	38500	Working
Inverter + Battery (Hostel)	2023	16499	Working
Acer All in One	2023	59360	Working
UPS (1 KVA) -02	2023	9958	Working

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

Sl.No.	Date
1. Scientific Advisory Committee	Not decided yet

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	Existing Farming System	Major soil types

	(AES)	(Crop+livestock+others)	
1	AES 1 (Zone-IIIB) Low land and areas (15 block)	**Total geographical area -69.44%,** **Cropping system -**Rice –wheat- fallow, Rice –Wheat- Moong, Rice –mustard/pulse- mentha, Rice –Potato-Vegetable, Rice –Pulse- Onion **Major crops grown –**Paddy, Wheat, Mustard, Chickpea, Lentil, Moong, Mentha **Horticulture crop grown –** Tomato, Vegetable, Potato, Onion, Papaya, Mango, Guava **Fishries:** Pangas, Rupchanda, Rohu	**cl**
2	AES 2 (Zone-IIIB) Mostly Canal based land and same part upland (5Block)	**Total geographical area-32.77%,** **Cropping system -** Rice –wheat- fallow, Rice –pulse-moong, Rice –Mustard-Moong, Rice–potato-tomato/maize, Maize-Potato-maize/vegetable, **Major crops grown –**Paddy, wheat, mustard, chicpea, lentil, moong, Maize **Horticulture crop grown –** Tomato, Vegetable, Potato, Onion, Papaya, Mango, Guava **Animal Husbandry-Cross Breed Cow,Buffalo,** Goatry and Poultry	**cl, scl**
3	AES 3 (Zone-IIIB) Upland ,Pure Forest area and slight part some hilly areas (3 block)	**Total geographical area-25.13%,** **Cropping system –** Rice –wheat- fallow, Rice –Tomato –Fallow, Rice –Mustard-Moong, Arhar-fallow **Major crops grown –**Paddy, wheat, mustard, chickpea,Maize, moong, **Horticulture crop grown –** Tomato, Potato, Guava, Mango	**scl**

b) Land Characteristics

S.No	Agro-Ecological Situation (AES)	Topography	Drainage
1.	AES-1 (Zone-IIIB)	Low land and Canal based areas (15 blocks)	
2.	AES-2 (Zone-IIIB)	Mostly Canal based low land and some part upland (5 blocks)	
3.	AES-3 (Zone-IIIB)	Upland, Pure Forest area and slight part some hilly areas (3 blocks)	

c) AES-wise major problems

S.No	Agro-Ecological Situation (AES)	Major problems	Rank
1.	AES-1 (Zone-II)	1.Wild animals encroachment in crop 2. Quality seed availability 3. Sowing of late duration variety of rice by farmers resulting into late sowing of Rabi crops 4. Weedy rice problem in paddy 5. Weed problem in pulses crop (Cascuta)	

		5. Limited use of Bio-fertilizers 6. Wilt problem in vegetable and pulse crops 7.Farm labour unavailability 8.Crop residue burning 9.Local livestocks breed	
2.	AES-2 (Zone-II)	1. Quality seed availability 2. Sowing of late duration variety of rice by farmers resulting into late sowing of Rabi crops 3. Weedy rice problem in paddy 4. Limited use of Bio-fertilizers 5. Wilt problem in vegetable and pulse crops 6. Post harvest management Problem (Lack of processing facility) 7.Winter pangassius fish mortality.	
3.	AES-3 (Zone-II)	1. Quality seed availability 2. Weed problem in pulses crop (Cascuta) 3. Limited use of Bio-fertilizers 4. Wilt problem in vegetable and pulse crops 5. Post harvest management Problem (Lack of processing facility) 6.Disease and pest in vegatable crops	

2.2. Area, Production and Productivity of major crops cultivated in the district (2024)

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 (MTU-7029)	193718.00	900582	46.49	23.76	26.01
2	Arhar (NDA-2)	1981.51	14003	19.27	1.43	8.73
3	Maize (Kharif) (Warrior)	709.21	172	24.28	10.12	17.72
4	Wheat (HD-2967)	205036.00	716191	34.93	1.27	13.07
5	Chickpea (GNG-2299)	2120.00	2436	11.49	3.01	14.51
6	Lentil (IPL-220)	516.00	320	6.21	5.39	11.79
7	Linseed (Sabour Tisi-1)	1709.06	123	7.21	1.24	4.79
8	Mustard (RH-725)	4639.00	6295	13.57	6.23	18.43
9	Pea (Prakash)	1677.98	235	14.27	3.23	12.73
10	Maize (Rabi) (Bahubali)	712.00	274	38.46	6.04	15.54
11	Green gram (Virat)	5048.76	191	7.61	0.64	6.39
12	Mentha (CIM Unnati)	7170.50	1834	200Lit /ha	25	50
13	Maize (Zaid) (Profit)	370.04	9	26.75	5.95	19.25

Source: District agriculture department.

2.3. Weather data (2023-24)

Year	Month	Rainfall (mm)	Temperature ^{0}C	
			Maximum	Minimum
2023	January	0	23	14
	February	0	34	13
	March	19.5	39	17
	April	38.5	43	21
	May	39.4	45	23
	June	85.8	47	29
	July	178	40	28
	August	89.8	35	27
	September	160.8	66	26

	October	213.6	31	19
	November	0	31	16
	December	19.6	28	9
2024	January	0	24	9
	February	38.8	26	10
	March	9.14	34	17
	April	0	44	22
	May	0	45	18
	June	142.10	42	24
	July	140.4	0	0
	August	428.8	0	0
	September	0	0	0
	October	0	0	0
	November	0	0	0
	December	0	0	0
2025	January	0		
	February	0		
	March	0		
	April	110.14		
	May	0		
	June	122.8		
	July	169.3		
	August	295.5		
	September	122.7		
	October	284.1		
	November	9.6		
	December	0		

2.4 Production and productivity of livestock, Poultry, Fisheries etc. in the district (2024)

Category	Population (lakh)	Production ('000 ton)	Productivity	Productivity gap
Cattle				
Cattle	10.19	56.30	4.5 kg/day	2.5
Buffalo	3.15		4.4 kg/day	2.2
Sheep	0.32			
Goats	6.74			
Cattle				
Crossbred	2.73	280	6.4 kg/day	
Indigenous	4.31		4.2 kg/day	
Pigs				
Poultry				
Hens	7.12			
Desi				
Category	**Area (ha)**	**Production (q)**	**Productivity (ton/ha)**	**Productivity gap**
Fish (Reservoir)	2580	13.75	5.30	2.3 t/ha

*Statical report

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
Sasaram	Sasaram	Sikariya	Rice, Wheat	55, 32	Sowing of late duration variety of rice by farmers resulting into late sowing of Rabi crops	Crop Diversification
Sasaram	Sasaram	Shivpur	Rice, Wheat	56, 30	Sowing of late duration variety of rice by farmers resulting into late sowing of Rabi crops	Crop Diversification
Sasaram	Sasaram	Dhaudarh	Rice, Wheat, Greengram	60, 32, 10	Weed problem in pulses crop (Cascuta)	Integrated Farming System

Sasaram	Sasaram	Tendua	Rice, Wheat, Maize	60, 32, 35	Weedy rice problem in paddy	Integrated Farming System
Sasaram	Sasaram	Songawa	Rice, Mustard	55, 20	Water logging problem	Crop Diversification
Bikramganj	Bikramganj	Bisania Bal	Rice, Wheat/ Mustard	60, 28/18	Sowing of late duration variety of rice by farmers resulting into late sowing of Rabi crops	Climate Resilient Agriculture
Bikramganj	Sanjhauli	Masauna	Rice, Wheat, Vegetable (tomato)	60, 28, 320	Quality seed availability	Area expansion under vegetable &fruit plants and Pulses,& FPOs and Marketing linkages

2.6 Top five major priority thrust areas:

i. Area expansion under vegetable &fruit plants and Pulses

ii. Integrated Farming System

iii. Crop Diversification

iv. Crop Residue Management

v. Mushroom production & processing

vi. Paddy cultivation

vii.Custom hiring and Farm mechanization

viii.Integrated pest management

ix. Climate Resilient Agriculture

x.Livestocks farming and Milk processing

xi. Pangasius Fish Farming

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
05	50	13.3	10	105

Training		Extension Activities	
(3)		(4)	
Number of Courses	Number of Participants	Number of activities	Number of participants
68	1700	24	8690

Seed Production (Qtl.)	Planting material (Nos.)	Fish seed prod. (Nos)	Soil Samples
(5)	(6)	(7)	(8)
500	100500	6000	1500

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									
2									
3									

4									
5									
6									
7									
8									

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	1	0	0	0	0	0	0	0	0	1
Integrated Crop Management	0	0	1	0	0	0	0	0	0	1
Integrated Nutrient Management	0	1	0	0	0	1	0	0	0	2
Integrated Farming System										
Mushroom cultivation										
Drudgery reduction										
Farm machineries										
Value addition										
Integrated Pest Management										
Integrated Disease Management										
Resource conservation technology										
Small Scale income generating enterprises										
TOTAL										

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	0	0	0	0	0	0	1	1
Value Addition								
Production and Management								
Feed and Fodder	0	0	0	0	0	0	1	1
Small Scale income generating enterprises								
TOTAL								

B. Details of all On Farm Trial (OFT) in the given format

(I) OFT (Horticulture)

Crop area in ha-2030 ha, District Yield (Q/ha) -8.52 tones/ha State yield (Q/ha)-9.67 tones/ha

Crop	Okra
Season	Kharif
Main problem	Reduced Fruits setting and low yield
Main cause	Non adoptionof optimum sowing window resulting in exposure to adverse climatic conditions and higher pest pressure.
Title of OFT	**ASSESSMENT OF DIFFERENT SOWING TIMES ON GROWTH,FRUIT SETTING AND YIELD OF OKRA.**
Farming situation	Soil type- Clay Loam, land type- Up Land and Medium land,irrigated, previous crop – wheat/vegetable
Thematic area	Integrated Crop Management
Farmer practice	T0 (F.P) : Sowing Of 3rd of MAY
Technology option selected for assessment	TO1: second week of May TO2: Sowing on 4th week of May
Source of technology	IARI, New Delhi 2021
No of trial	10
Detail of critical input	chemical and Soil test
Cost of individual critical input	1000
Total cost of critical input	10000/-
Performance indicator to be recorded	(i) Technical indicator : Initial and Final Soil Nutrient Status, Yield (q/ha) (ii) Economic indicator (Cost of cultivation, Gross return, Net return, B:C ratio)

(II) OFT (Horticulture)

Crop area of district in 1022ha, District yield 160 (Q/ha) State yield,152(Q/ha)

Crop	Brinjal
Season	Summer
Main problem	Low yield and high pest infestation(especially shoot and fruit borer) in brinjal l production
Main cause	Non adoption of suitable high –yielding and pest –tolerant brinjal hybrids
Title of OFT	**Assessment of performance of different brinjal hybrids on growth , yield and pest tolerance**
Farming situation	Soil type- Clayloam, land type- Medium land, irrigated, previous crop -Wheat
Thematic area	IPM
Farmer practice	F.P: Local variety (Sun Agro)
Technology option selected for assessment	TO1: Arka Ananth TO2 : Pant Pragati-1
Source of technology	IIhR, Bangaluru
No of trial	10
Detail of critical input	Seed & Soil test
Cost of individual critical input	Rs. 1000
Total cost of critical input	Rs.10000 /ha
Performance indicator to be recorded	1.Technical indicator Initial Soil Nutrient Status, growth and yield attributes (Height (cm), Fruit number, No of branches, Yield (q/ha) . 2.Economic indicator (Cost of cultivation, Gross return, Net return, B:C ratio) 3.Farmer perception

(III) OFT- Soil Sc.

Crop area of district in (1992 ha, District yield (11.95 Q/ha) State yield (9.8 Q/ha)

Season	Rabi (Gram / Chickpea)
Problem	Low yield, Zinc deficiency in soil leading
Main cause	Imbalanced fertilizer application, low organic matter and Crop residue burning
Title of OFT	**Assessment of Zinc and Micronutrient Management in Chickpea**
Farming situation	Irrigated, Medium land, Sandy clay loam, Previous crop: paddy
Thematic area	Soil Fertility & Micronutrient Management
Farmer practice	TO1:- Application of only NP fertilizers
Technology option selected for assessment	TO2 = RDF (20:40:20) + Soil application of Zinc Sulphate @ 25 kg/ha TO3= RDF (20:40:20) + Foliar spray of Zinc (0.5%) + Boron (0.2%) at flowering stage
Source of technology	Indian Institute of Pulses Research, 2021
No of trial	10
Detail of critical input	Zinc sulphate ($ZnSO_4$) – 25 kg/ha, Boron (Borax) as foliar 0.2% -1.0 kg/ha, Soil Testing 2 times (Pre Sowing and Post harvesting of chick pea
Cost of individual critical input	1950
Total cost of critical input	Rs.19450.00
Performance indicator to be recorded	Soil analysis pre and post, Plant height, No. of pods, No of primary & secondary branches, Yield (q/ha), BC ratio, Net return, Gross return, Cost of cultivation, Farmer perception

(IV) OFT- Soil Sc.

Season	Kharif 2026 (Rice-based system)
Problem	Low productivity and non-availability of suitable high yielding paddy varieties adapted to local agro-climatic conditions of Rohtas district
Main cause	Continuous cultivation of old long-duration varieties like MTU-7029 and BPT-5204
Title of OFT	**Evaluation of Newly Developed Paddy Varieties under Farmers' Field Conditions**
Farming situation	Irrigated medium land condition of Rohtas district
Thematic area	Varietal evaluation
Farmer practice	Cultivation of existing local/popular varieties such as MTU-7029 and BPT-5204
Technology option selected for assessment	T1: Farmer's Practice (MTU-7029/BPT-5204) T2: Sabour Ayush T3: Sabour Bibhuti T4: Sabour Mansuri
Source of technology	BAU Sabour 2025
No of trial	10
Detail of critical input	Seed & Soil Testing

Cost of individual critical input	500
Total cost of critical input	5000
Performance indicator to be recorded	Plant height (cm) , Number of tillers per hill , Days to 50% flowering, Disease and pest incidence , Grain yield (q/ha) , Straw yield (q/ha) , Benefit: Cost ratio, Farmers' feedback and varietal preference

(V) OFT- Fisheries Science

Crop area of district in 8000 ha, District yield (350 Q/ha) State yield (310 Q/ha)

Crop	Fish (Pangassius fish)
Season	Kharif-Rabi
Main problem	High feed cost and low profitability in Pangasius fish farming due to dependence on commercial fishmeal-based pelleted feed
Main cause	High price of protein rich fish feed, limited awareness of protein rich locally feed availability
Title of OFT	**Assessment of Black Soldier Fly (BSF) larvae meal supplementation on growth performance and economics of Pangasius fish farming**
Farming situation	Kharif & Rabi, assured irrigation
Thematic area	Feeding management
Farmer practice	TO1 (F.P):- Feeding floating commercial pellet feed (Protein level 28–30%), Feeding rate @ 5% of body weight per day
Technology option selected for assessment	TO-2:-Feeding floating commercial pellet feed (Protein level 28–30%), Feeding rate @ 5% of body weight per day and **10% feed protein replacement with dried BSF larvae meal** TO-3:-Feeding floating commercial pellet feed (Protein level 28–30%), Feeding rate @ 5% of body weight per day 2**0% feed protein replacement with dried BSF larvae meal**
Source of technology	CIFA , Bhuwaneshwar, Odisha (2020)
No of trial	07
Detail of critical input	Dried Black soldier fly meal
Cost of individual critical input	Rs. 7000
Total cost of critical input	Rs. 35000
Performance indicator to be recorded	1.Initial fish weight 2.Monthly growth rate 3.Feed consumption 4.Survival percentage 5.Final biomass yield 6.Feed Conversion Ratio (FCR) 7.Cost of production 8.Net return

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 farmers/ demon.	Parameters identified (Yield related attributes, yield economics and farmers' perception
1	Mustard	INM	75% RDF + 5 tons FYM/ha + 4 L/ha Biofertilizer (Azotobacter + PSB)	Biofertilizer (Azoto, PSB)	Rabi 2026-27	4.0	10	(i) Technical indicator (No of tillers, Effective tillers, grains per panicle, Yield (Q/ha) (ii) Economic indicator (Cost of cultivation, Gross return, Net return, B:C ratio) (iii) Farmer Feed back
2	Wheat	INM	1 % spray KNO3 at grain filling stage of wheat	KNO3	Rabi 2026-27	4.0	10	(i) Technical indicator (No of tillers, Effective tillers, grains per panicle, Yield (Q/ha (ii) Economic indicator (Cost of cultivation, Gross return, Net return, B:C ratio) (iii) Farmer Feed back
3	Rice	INM	50% of RDN & 100% PK + BGA 10 kg/ha + 10 Q Azolla/ha	RDN & BGA	Kharif 2026	4.0	15	(iv) Technical indicator (No of tillers, Effective tillers, grains per panicle, Yield (Q/ha (v) Economic indicator (Cost of cultivation, Gross return, Net return, B:C ratio) (vi) Farmer Feed back
4	Cauliflower	INM	50% of RDN & 100% PK + 5 Q/ha vermicompost	Vermicompost	Rabi 2026-27	4.0	10	(i) Technical indicator (Plant height, No leaves, Curd length, Width, weight, Yield (Q/ha) (ii) Economic indicator (Cost of cultivation, Gross return, Net return, B:C ratio) (iii) Farmer Feed back
5	Rice & Wheat	INM	Green Manuring (Dhaincha in rice) + 50% RDF + Biofertilizers in Rice–Wheat system	Dhaincha based INM	Rabi 2026-27	0.4	10	(i) Soil analysis (Physico-chemical properties), growth and herbage yield of dhaincha, rice & wheat growth and yield attributes, (ii) cost of cultivation, Net return, Gross return, BC ratio, (iii) Farmer perception
6	Tomato	Crop production	Arka microbial consortia	microbial consortia	Rabi 2026-27	4.0	10	iv) Technical indicator (Plant height, No leaves, Curd length, Width, weight, Yield (Q/ha) (v) Economic indicator (Cost of cultivation, Gross return, Net return, B:C ratio) (vi) Farmer Feed back
7	Brinjal	IPM	Sabour Krishna Kali, Sowing time- July-	, Sabour Krishna Kali	Rabi 2026-27	0.4	10	(i) Technical indicator- Plant height, yield, fruit quality

			Sept, seed rate 400gm/ha,spacing - 70*70cm,N:P:K DOSE -120:80: Microbiale Consortia	seed				(size, shape, number of fruits per plants, Fruit weight. Harvest index. (ii) Economic indicator :(Cost of cultivation, Gross return, Net return, B:C ratio) (iii) Farmer Feedback
8	Tomato	Crop production	Arka Vishesh, Seed rate – 125 g/ha, Seed treatment- Carbendazim 2 g/kg. Spacing – R2R-90 x P2P-75,NPK-125:100:100	Arka Vishesh seed	Rabi 2026-27	0.4	15	(i) Technical indicator- No of plant(Per sq meter), plant height, yield, fruit quality(size, shape, color, TSS),number of fruits per plants, Fruit weight. Harvest index. (ii) Economic indicator :(Cost of cultivation, Gross return, Net return, B:C ratio) (iii) Farmer Feedback-
9	Improved Fish	Fish production	Stocking Rohu @ 300/ha + Catla @ 400/ha + Amur Carp @ 250/ha	Rohu, Catla, Amur carp	Kharif, 2026	0.05	10	(i) Technical indicator- Initial weight & Final weight (ii) Economic indicator :(Cost of cultivation, Gross return, Net return, B:C ratio) (iii) Farmer Feedback-
10	Fish	Fish production	Probiotic application and fungicides as prevention	Probiotic	Rabi 2026	0.05	10	(i) Technical indicator- Disease incidence (%) (ii) Economic indicator :(Cost of cultivation, Gross return, Net return, B:C ratio) (iii) Farmer Feedback-
				Total		**21.3**	**110**	

Sponsored Demonstration : NIL

Crop	Area (ha)	No. of farmers

B. Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1	Farmers Training	12	April - Dec	300
2	Field days	6	July - March	200
3	Media coverage	6	July - March	Mass
4	Training for extension functionaries	3	July - March	75

C. Details of FLD on Enterprises

(i) Farm Implements : Nil

Name of the implement	Crop	Season and year	No. of farmers	Area (ha)	Critical inputs	Performance parameters / indicators

(ii) Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds/ha. etc.	Critical inputs	Performance parameters / indicators
Poultry	Vanraja, Sonali	50	2000	Poultry birds	Weight, BC ratio

Details of all FLD

FLD – 01(Soil Sc.)

Crop area of district in (6753.07 ha, District yield (13.47 Q/ha) State yield (12.02 Q/ha)

Title of FLD	Demonstrate the performance of mustard in respect to yield and profitability with INM Practices		
Season & Year	Rabi 2026-27		
Main Problem	Low yield of Mustard		
Main cause of problem	Imbalanced and excessive use of chemical fertilizers without organic and biological inputs in late sowing condition after long duration paddy.		
Full detail of farmer's Practice	Use of only urea and DAP (No organic or biofertilizer application)		
Name of the Technology			
Full detail of technology to be demonstrated	75% RDF + 5 tons FYM/ha + 4 L/ha Biofertilizer (Azotobacter + PSB)		
Thematic area	INM		
Source of Technology with year	ICAR-DRMR, 2022		
Name of villages	Karakat, Suryapura , Sasaram, Dawath		
Farming situation	Irrigated		
Area (ha)/Unit (No.)	04	No. of farmers	10
Performance indicator	(i) Technical indicator (No of tillers, Effective tillers, grains per panicle, Yield (Q/ha) (ii) Economic indicator (Cost of cultivation, Gross return, Net return, B:C ratio) (iii) Farmer Feed back		

FLD – 02 (Soil Sc.)

Crop area of district in (165007.063 ha, District yield (34.93 Q/ha) State yield (29.58Q/ha)

Title of FLD	**Mitigation of terminal heat stress in late sown wheat through foliar application of NPK 13:0:45.**		
Season & Year	Rabi 2025-26		
Main Problem	Low yield by terminal heat stress		
Main cause of problem	Low production		
Full detail of farmer's Practice	N:P:K:: 150:60:40 Kg/ha		
Name of the Technology	Mitigation of terminal heat stress		
Full detail of technology to be demonstrated	1 % spray $KMnO_4$ at grain filling stage of wheat		
Source of Technology with year	BAU Sabour, 2020		
Thematic area	INM		
Name of villages	Suryapura , Karakat, Bikramganj, Dawath		
Farming situation	Irrigated		
Area (ha)/Unit (No.)	04	No of farmers	10

Performance indicator	(i) Technical indicator (No of tillers, Effective tillers, grains per panicle, Yield (Q/ha) (ii) Economic indicator (Cost of cultivation, Gross return, Net return, B:C ratio) (iii) Farmer Feed back

FLD – 03 (Soil Sc.)

Crop area of district in (205564.995 ha, District yield (46.49 Q/ha) State yield (24.53 Q/ha)

Title of FLD	**Demonstration of BGA & Azolla on productivity of rice**		
Season & Year	Kharif 2025		
Main Problem	Low yield		
Main cause of problem	Unjudicious use of manure & fertilizers		
Full detail of farmer's Practice	N:P:K:: 100:40:20 Kg/ha		
Name of the Technology	Natural Resource Management		
Full detail of technology to be demonstrated	50% of RDN & 100% PK + BGA 10 kg/ha + 10 Q Azolla/ha		
Source of Technology with year	BAU Sabour 2022		
Thematic area	INM		
Name of villages	Suryapura , Karakat, Bikramganj, Dawath		
Farming situation	Irrigated		
Area (ha)/Unit (No.)	04	No of farmers	10
Performance indicator	(i) Technical indicator (No of tillers, Effective tillers, Effective tillers, grains per panicle, Yield (Q/ha) (ii) Economic indicator (Cost of cultivation, Gross return, Net return, B:C ratio) (iii) Farmer Feed back		

FLD – 04 (Soil Sc.)

Crop area of district in (36.00 ha, District yield (233.93 Q/ha) State yield (203.66Q/ha)

Title of FLD	**Demonstration of Vermicompost with Cauliflower**
Season & Year	Rabi 2026-27
Main Problem	Excessive use of chemical fertilizer
Main cause of problem	Low production
Full detail of farmer's Practice	N:P:K:: 100:80:80 Kg/ha
Name of the Technology	Vermicomposting
Full detail of technology to be demonstrated	50% of RDN & 100% PK + 5 qt/ha vermicompost.
Source of Technology with year	BAU Sabour 2019
Thematic area	INM
Name of villages	Suryapura , Karakat, Bikramganj, Dawath
Farming situation	Irrigated

Area (ha)/Unit (No.)	04	No of farmers	10
Performance indicator	(vii) Technical indicator (Plant height, No leaves, Curd length, Width, weight, Yield (Q/ha) (viii) Economic indicator (Cost of cultivation, Gross return, Net return, B:C ratio) (ix) Farmer Feed back		

FLD – 05 (Soil Science)

Crop area of district in (205564.99 ha, District yield (46.49 Q/ha) State yield (24.53 Q/ha)

Title of FLD	**Assessment of dhaincha-based INM for soil health and productivity in rice–wheat system**
Season & Year	Kharif 2026 (Rice based system)
Main problem	Declining soil organic carbon and reduced fertilizer use efficiency in rice–wheat cropping system
Main cause of problem	Crop residue burning and No organic matter incorporation
Thematic area	Soil Health Management / Integrated Nutrient Management (INM)
Farmer practice	Farmer's Practice (Rice–Wheat system) (140:100:20) paddy, Wheat (140:80:20)
Technology option selected for assessment	Green Manuring (Dhaincha in rice) + 50% RDF + Biofertilizers in Rice–Wheat system Rice: 50% RDF (60:30:20) + Biofertilizers (PSB + Azotobacter @ 1 L/ha each) Wheat: 50% RDF (60:30:20) + Biofertilizers (PSB + Azotobacter @ 1 l/ha each)
Source of technology	IARI, 2021
No of trial	10
Detail of critical input	Dhaincha seed (20 kg/ha), Paddy Seed (15 kg/ha) Biofertilizer (PSB 1 L + Azotobactor 1L), Soil Testing 3 times (Pre sowing of Dhaincha, Pre Transplanting of Paddy Post harvesting of Paddy)
Cost of individual critical input	1000
Total cost of critical input	Rs.10775.00 / ha
Performance indicator to be recorded	Soil analysis (Physico-chemical properties), growth and herbage yield of dhaincha, rice & wheat growth and yield attributes, BC ratio, Net return, Gross return, cost of cultivation, Farmer perception

FLD – 06 (Horticulture)

Crop area of district in 5460 ha, District yield 253 (Q/ha) State yield 185(Q/ha)

Title of FLD	**Demonstration of Microbial consortia**
Season & Year	Rabi & Year 2026
Main Problem	Low Yield of Tomato
Main cause of problem	Wilting in tomato plants, Plant growth retardation
Full detail of farmer's Practice	Uses of chemical pesticides
Name of the Technology	Arka microbial consortia
Full detail of technology to be demonstrated	Tomato, sowing time-Nov, Spacing- 30 x 75 cms.
Source of Technology with year	IIHR, Bangalore, 2020

Thematic area	IPM		
Name of villages	Malhipur, Nima, Masona, Arjun Bigha, Rajpur		
Farming situation	Irrigated		
Area (ha)/Unit (No.)	0.4	No of farmers	15
Performance indicator	(i) Technical indicator- No of plant, No of plants fruiting, Yield, fruit quality(size, shape), number of fruits per plants, Fruit weight. (ii) Economic indicator :(Cost of cultivation, Gross return, Net return, B:C ratio) (iii) Farmer Feedback-		

FLD – 07 (Horticulture)

Crop area of district in 1022 ha, District yield 160(Q/ha) State yield-152 (Q/ha)

Title of FLD	**Demonstration of Brinjal**		
Season & Year	Rabi 2026-27		
Main Problem	Low yield of brinjal		
Main cause of problem	Severe Yield Loss in Brinjal due to Shoot and Fruit Borer Infestation		
Full detail of farmer's Practice	Use local variety , hybrid		
Name of the Technology	Introduction of Brinjal variety Krishna Kali		
Full detail of technology to be demonstrated	Krishna Kali , Sowing time- March-April, Seed Rate-400 gm/ha, Spacing – 70 x 70 cms. Fertilizer dose- N:P:K (100:80:80)		
Source of Technology with year	BAU Sabour 2022		
Thematic area	Integrated Crop Management		
Name of villages	Akashi, Shivpur, Mohadiganj, Arjun Bigaha, Bhathana		
Farming situation	Irrigated		
Area (ha)/Unit (No.)	0.4	No of farmers	10
Performance indicator	(I) Technical indicator- Plant height, yield, fruit quality (size, shape, number of fruits per plants, Fruit weight. Harvest index. (II) Economic indicator :(Cost of cultivation, Gross return, Net return, B:C ratio) (III) Farmer Feedback-		

FLD – 08 (Horticulture)

Crop area of district in 5460 ha, District yield 253(Q/ha) State yield 185(Q/ha)

Title of FLD	**Demonstration of improved variety of Tomato**
Season & Year	Rabi 2025-26
Main Problem	Low Yield
Main cause of problem	Farmers are not using suitable improved variety
Full detail of farmer's Practice	Use local variety , hybrid, Narvoday, Sujata
Name of the Technology	Introduction of hybrid tomato Variety Arka Vishesh
Full detail of technology to be demonstrated	Arka Vishesh, Seed rate – 125 g/ha, Seed treatment- Carbendazim 2 g/kg. Spacing – R2R-90 x P2P-75,NPK-125:100:100

Source of Technology with year	IIHR, Bangalore , 2018		
Thematic area	Crop production		
Name of villages	Masona Akashi, Mohadiganj, Karmani, Sasaram, Muri		
Farming situation	Irrigated		
Area (ha)/Unit (No.)	0.4	No of farmers	15
Performance indicator	(I) Technical indicator- No of plant(Per sq meter), plant height, yield, fruit quality(size, shape, color, TSS),number of fruits per plants, Fruit weight. Harvest index. (II) Economic indicator :(Cost of cultivation, Gross return, Net return, B:C ratio) (III) Farmer Feedback-		

FLD – 09 (Fisheries Sc.)

Crop area of district in 8000 ha, District yield (350 Q/ha) State yield (310 Q/ha)

Title of FLD	**Demonstration of improvedcarp fish varietiesin polyculture with Pangassius fish farming. Amur Carp**		
Season & Year	Kharif , 2026		
Main Problem	Unused pond niche		
Main cause of problem	Monoculture of Pangas fish species		
Full detail of farmer's Practice	Pangassius fish stocking @ 75000/Acre		
Name of the Technology	Polyculture		
Full detail of technology to be demonstrated	StockingRohu @ 300/ha + Catla @ 400/ha + Amur Carp @ 250/ha		
Source of Technology with year	CIFA, 2019		
Thematic area	Fish production		
Name of villages	Parmanandpur, Nonhar, Dinara		
Farming situation	Irrigated		
Area (ha)/Unit (No.)	0.05	No. of farmers	10
Performance indicator	(I) Technical indicator- Initial weight & Final weight (II) Economic indicator :(Cost of cultivation, Gross return, Net return, B:C ratio) (III) Farmer Feedback-		

FLD – 10 (Fisheries Sc.)

Crop area of district in 8000 ha, District yield (350 Q/ha) State yield (310 Q/ha)

Title of FLD	**Demonstration of probiotics and fungicides to prevent winter mortality in pangassius fish farming**		
Season & Year	Rabi 2026		
Main Problem	Winter mortality of pangassius fish		
Main cause of problem	Lowering temperature, cold wave and microbial infections		
Full detail of farmer's Practice	Water exchange weekly @ 40 %, use of water sanitizer @ 1ltr/fortnightly		
Name of the Technology	Probiotic application as prevention		
Full detail of technology to be demonstrated	Soil, Water and feed probiotic application in fish pond		
Source of Technology with year	CIFA, 2022		
Thematic area	Fish production		
Name of villages	Masona,Braon,Nonhar, Dinara		
Farming situation	Irrigated		
Area (ha)/Unit (No.)	0.05	No. of farmers	10
Performance indicator	(I) Technical indicator- Disease incidence (%) (II) Economic indicator :(Cost of cultivation, Gross return, Net return, B:C ratio) (III) Farmer Feedback-		

3.3 Training (Including the sponsored and FLD training programmes):Note: 25 participants per training

A) ON Campus

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0
Crop Diversification	1	14	6	20	3	2	5	25
Site specific nutrient management	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0	0	0	0

Fodder production	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0
Natural farming	1	14	6	20	3	2	5	25
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	0	0	0	0	0	0	0	0
Off-season vegetables	0	0	0	0		0	0	0
Nursery raising	1	14	6	20	3	2	5	25
Exotic vegetables like Broccoli	1	14	6	20	3	2	5	25
Export potential vegetables	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	1	14	6	20	3	2	5	25
Natural farming	0	0	0	0	0	0	0	0
b) Fruits	0	0	0	0	0	0	0	0
Training and Pruning	1	14	6	20	3	2	5	25
Layout and Management of Orchards	0	0	0	0	0	0	0	0
Cultivation of Fruit	1	14	6	20	3	2	5	25
Management of young plants/orchards	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0
c) Ornamental Plants								
Nursery Management	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0
d) Plantation crops								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
e) Tuber crops								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
f) Spices								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants								
Nursery management	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0
III Soil Health and Fertility Management								
Soil fertility management	0	0	0	0	0	0	0	0
Soil and Water Conservation	1	14	6	20	3	2	5	25
Integrated Nutrient Management	0	0	0	0	0	0	0	0
Production and use of organic inputs	1	14	6	20	3	2	5	25

Management of Problematic soils	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0
IV Livestock Production and Management								
Dairy Management	0	0	0	0	0	0	0	0
Poultry Management	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0
Rabbit Management/goat	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0
Feed management	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	0	0	0	0	0	0	0	0
Design and development of low/minimum cost diet	1	0	20	20	0	5	5	25
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	1	0	20	20	0	5	5	25
Gender mainstreaming through SHGs	1	0	20	20	0	5	5	25
Storage loss minimization techniques	1	0	20	20	0	5	5	25
Value addition	1	0	20	20	0	5	5	25
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
VII Plant Protection								
Integrated Pest Management	0	0	0	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0	0	0	0
Bio-control of pests and diseases	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0
VIII Fisheries								
Integrated fish farming	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	1	14	6	20	3	2	5	25
Composite fish culture	1	14	6	20	3	2	5	25

Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	1	14	6	20	3	2	5	25
Pen culture of fish and prawn	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0
IX Production of Inputs at site								
Seed Production	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0
Vermi-compost production	1	14	6	20	3	2	5	25
Organic manures production	0	0	0	0	0	0	0	0
Production of fry and fingerlings	1	14	6	20	3	2	5	25
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0
Production of Fish feed	1	14	6	20	3	2	5	25
X Capacity Building and Group Dynamics								
Leadership development	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0
Formation and Management of SHGs/FPOs etc	1	14	6	20	3	2	5	25
Mobilization of social capital	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0
XI Agro-forestry								
Production technologies	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0
XII Others (Pl. Specify)	0	0	0	0	0	0	0	0
TOTAL	**21**	**224**	**196**	**420**	**48**	**57**	**105**	**525**
(B) RURAL YOUTH								
Mushroom Production	2	28	12	40	6	4	10	50
Bee-keeping	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0
Seed production	1	14	6	20	3	2	5	25
Production of organic inputs	1	14	6	20	3	2	5	25
Integrated Farming (Medicinal)	0	0	0	0	0	0	0	0
Planting material production	1	14	6	20	3	2	5	25
Vermi-culture	1	14	6	20	3	2	5	25
Sericulture	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	1	14	6	20	3	2	5	25

Commercial fruit production	1	14	6	20	3	2	5	25
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	1	14	6	20	3	2	5	25
Training and pruning of orchards	1	14	6	20	3	2	5	25
Value addition	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0
Dairying	2	28	12	40	6	4	10	50
Sheep and goat rearing	1	14	6	20	3	2	5	25
Quail farming	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0
Poultry production	1	14	6	20	3	2	5	25
Ornamental fisheries	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0
Composite fish culture	1	14	6	20	3	2	5	25
Freshwater prawn culture	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0
Fish harvest and processing technology	1	14	6	20	3	2	5	25
Fry and fingerling rearing	1	14	6	20	3	2	5	25
Small scale processing	1	0	20	20	0	5	5	25
Post Harvest Technology	1	0	20	20	0	5	5	25
Tailoring and Stitching	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0
TOTAL	**19**	**238**	**142**	**380**	**51**	**44**	**95**	**475**
(C) Extension Personnel								
Productivity enhancement in field crops	1	14	6	20	3	2	5	25
Integrated Pest Management	0	0	0	0	0	0	0	0
Integrated Nutrient management	1	14	6	20	3	2	5	25
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Protected cultivation technology	1	14	6	20	3	2	5	25
Formation and Management of SHGs	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	1	14	6	20	3	2	5	25
Information networking among farmers	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0
Livestock feed and fodder production	1	14	6	20	3	2	5	25
Household food security	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0
Production and use of organic inputs	1	14	6	20	3	2	5	25
Gender mainstreaming through SHGs	1	14	6	20	3	2	5	25

Any other (Pl. Specify)	0	0	0	0	0	0	0	0
TOTAL	**7**	**98**	**42**	**140**	**21**	**14**	**35**	**175**
G. Total	**47**	**560**	**380**	**940**	**120**	**115**	**235**	**1175**

B) OFF Campus Note: 25 participants per training

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0
Site specific nutrient management	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Crop Management	1	14	6	20	3	2	5	25
Fodder production	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0
Natural farming	0	0	0	0	0	0	0	0
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	0	0	0	0	0	0	0	0
Off-season vegetables	1	14	6	20	3	2	5	25
Nursery raising	0	0	0	0	0	0	0	0
Exotic vegetables like Broccoli	1	14	6	20	3	2	5	25
Export potential vegetables	1	14	6	20	3	2	5	25
Grading and standardization	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	1	14	6	20	3	2	5	25
Natural farming	0	0	0	0	0	0	0	0
b) Fruits								
Training and Pruning	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0
c) Ornamental Plants								
Nursery Management	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0
d) Plantation crops								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
e) Tuber crops								
Production and Management technology	0	0	0	0	0	0	0	0

Processing and value addition	0	0	0	0	0	0	0	0
f) Spices								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants								
Nursery management	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0
III Soil Health and Fertility Management								
Soil fertility management	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0
Integrated Nutrient Management	2	28	12	40	6	4	10	50
Production and use of organic inputs	0	0	0	0	0	0	0	0
Management of Problematic soils	1	14	6	20	3	2	5	25
Micro nutrient deficiency in crops	1	14	6	20	3	2	5	25
Nutrient Use Efficiency	2	28	12	40	6	4	10	50
Soil and Water Testing	0	0	0	0	0	0	0	0
IV Livestock Production and Management								
Dairy Management	0	0	0	0	0	0	0	0
Poultry Management	1	14	6	20	3	2	5	25
Piggery Management	0	0	0	0	0	0	0	0
Rabbit Management /goat	0	0	0	0	0	0	0	0
Disease Management	1	14	6	20	3	2	5	25
Feed management	1	14	6	20	3	2	5	25
Production of quality animal products	0	0	0	0	0	0	0	0
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	1	14	6	20	3	2	5	25
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0
Women and child care	1	14	6	20	3	2	5	25
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
VII Plant Protection								
Integrated Pest Management	0	0	0	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0	0	0	0
Bio-control of pests and diseases	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0
VIII Fisheries								
Integrated fish farming	1	14	6	20	3	2	5	25

Carp breeding and hatchery management	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	1	14	6	20	3	2	5	25
Composite fish culture	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0
IX Production of Inputs at site								
Seed Production	1	14	6	20	3	2	5	25
Planting material production (Horti.)	0	0	0	0	0	0	0	0
Bio-agents production	1	14	6	20	3	2	5	25
Bio-pesticides production	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0
Vermi-compost production (Horti.)	1	14	6	20	3	2	5	25
Organic manures production (A.S.)	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0
X Capacity Building and Group Dynamics								
Leadership development	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0
Formation and Management of SHGs(HS)	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths (Agro)	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0
XI Agro-forestry								
Production technologies	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Farming Systems (Agro)	0	0	0	0	0	0	0	0
XII Others (Pl. Specify)	0	0	0	0	0	0	0	0
TOTAL	**21**	**294**	**126**	**420**	**63**	**42**	**105**	**525**

C) 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	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0
Crop Diversification	1	14	6	20	3	2	5	25
Site specific nutrient management	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0

Seed production	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Crop Management	1	14	6	20	3	2	5	25
Fodder production	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0
Natural farming	1	14	6	20	3	2	5	25
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	0	0	0	0	0	0	0	0
Off-season vegetables	1	14	6	20	3	2	5	25
Nursery raising	1	14	6	20	3	2	5	25
Exotic vegetables like Broccoli	2	28	12	40	6	4	10	50
Export potential vegetables	1	14	6	20	3	2	5	25
Grading and standardization	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	2	28	12	40	6	4	10	50
Natural farming	0	0	0	0	0	0	0	0
b) Fruits								
Training and Pruning	1	14	6	20	3	2	5	25
Layout and Management of Orchards	0	0	0	0	0	0	0	0
Cultivation of Fruit	1	14	6	20	3	2	5	25
Management of young plants/orchards	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0
c) Ornamental Plants								
Nursery Management	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0
d) Plantation crops								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
e) Tuber crops								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
f) Spices								
Production and Management technology	0	0	0	0	0	0	0	0

Processing and value addition	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants								
Nursery management	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0
III Soil Health and Fertility Management								
Soil fertility management	0	0	0	0	0	0	0	0
Soil and Water Conservation	1	14	6	20	3	2	5	25
Integrated Nutrient Management	2	28	12	40	6	4	10	50
Production and use of organic inputs	1	14	6	20	3	2	5	25
Management of Problematic soils	1	14	6	20	3	2	5	25
Micro nutrient deficiency in crops	1	14	6	20	3	2	5	25
Nutrient Use Efficiency	2	28	12	40	6	4	10	50
Soil and Water Testing	0	0	0	0	0	0	0	0
IV Livestock Production and Management								
Dairy Management	0	0	0	0	0	0	0	0
Poultry Management	1	14	6	20	3	2	5	25
Piggery Management	0	0	0	0	0	0	0	0
Rabbit Management/goat	0	0	0	0	0	0	0	0
Disease Management	1	14	6	20	3	2	5	25
Feed management	1	14	6	20	3	2	5	25
Production of quality animal products	0	0	0	0	0	0	0	0
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	1	14	6	20	3	2	5	25
Design and development of low/minimum cost diet	1	0	20	20	0	5	5	25
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	1	0	20	20	0	5	5	25
Gender mainstreaming through SHGs	1	0	20	20	0	5	5	25
Storage loss minimization techniques	1	0	20	20	0	5	5	25
Value addition	1	0	20	20	0	5	5	25
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0
Women and child care	1	14	6	20	3	2	5	25

VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
VII Plant Protection								
Integrated Pest Management	0	0	0	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0	0	0	0
Bio-control of pests and diseases	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0
VIII Fisheries								
Integrated fish farming	1	14	6	20	3	2	5	25
Carp breeding and hatchery management	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	2	28	12	40	6	4	10	50
Composite fish culture	1	14	6	20	3	2	5	25
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	1	14	6	20	3	2	5	25
Pen culture of fish and prawn	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0
IX Production of Inputs at site								
Seed Production	1	14	6	20	3	2	5	25
Planting material production	0	0	0	0	0	0	0	0
Bio-agents production	1	14	6	20	3	2	5	25
Bio-pesticides production	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0
Vermi-compost production	2	28	12	40	6	4	10	50
Organic manures production	0	0	0	0	0	0	0	0
Production of fry and fingerlings	1	14	6	20	3	2	5	25
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0

Production of livestock feed and fodder	0	0	0	0	0	0	0	0
Production of Fish feed	1	14	6	20	3	2	5	25
X Capacity Building and Group Dynamics								
Leadership development	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0
Formation and Management of SHGs/FPOs etc	1	14	6	20	3	2	5	25
Mobilization of social capital	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0
XI Agro-forestry								
Production technologies	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0
XII Others (Pl. Specify)	0	0	0	0	0	0	0	0
TOTAL	**42**	**518**	**322**	**840**	**111**	**99**	**210**	**1050**
(B) RURAL YOUTH								
Mushroom Production	2	28	12	40	6	4	10	50
Bee-keeping	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0
Seed production	1	14	6	20	3	2	5	25
Production of organic inputs	1	14	6	20	3	2	5	25
Integrated Farming (Medicinal)	0	0	0	0	0	0	0	0
Planting material production	1	14	6	20	3	2	5	25
Vermi-culture	1	14	6	20	3	2	5	25
Sericulture	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	1	14	6	20	3	2	5	25
Commercial fruit production	1	14	6	20	3	2	5	25
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	1	14	6	20	3	2	5	25
Training and pruning of orchards	1	14	6	20	3	2	5	25
Value addition	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0
Dairying	2	28	12	40	6	4	10	50
Sheep and goat rearing	1	14	6	20	3	2	5	25
Quail farming	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0
Poultry production	1	14	6	20	3	2	5	25
Ornamental fisheries	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0

Composite fish culture	1	14	6	20	3	2	5	25
Freshwater prawn culture	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0
Fish harvest and processing technology	1	14	6	20	3	2	5	25
Fry and fingerling rearing	1	14	6	20	3	2	5	25
Small scale processing	1	0	20	20	0	5	5	25
Post Harvest Technology	1	0	20	20	0	5	5	25
Tailoring and Stitching	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0
TOTAL	**19**	**238**	**142**	**380**	**51**	**44**	**95**	**475**
(C) Extension Personnel								
Productivity enhancement in field crops	1	14	6	20	3	2	5	25
Integrated Pest Management	0	0	0	0	0	0	0	0
Integrated Nutrient management	1	14	6	20	3	2	5	25
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Protected cultivation technology	1	14	6	20	3	2	5	25
Formation and Management of SHGs	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	1	14	6	20	3	2	5	25
Information networking among farmers	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery & implements	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0
Livestock feed and fodder production	1	14	6	20	3	2	5	25
Household food security	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0
Production and use of organic inputs	1	14	6	20	3	2	5	25
Gender mainstreaming through SHGs	1	14	6	20	3	2	5	25
Any other (Pl. Specify)	0	0	0	0	0	0	0	0
TOTAL	**7**	**98**	**42**	**140**	**21**	**14**	**35**	**175**
G. Total	**68**	**854**	**506**	**1360**	**183**	**157**	**340**	**1700**

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	15	500	250	750	3	1	4	503	251	754
Kisan Mela	1	175	75	250	10	5	15	185	80	265
Kisan Ghosthi	6	205	95	300	4	2	6	209	97	306
Exhibition	1	39	11	50	6	4	10	45	15	60
Film Show	10	190	110	300	2	0	2	192	110	302
Farmers Seminar								0	0	0
Workshop								0	0	0
Group meetings								0	0	0
Lectures delivered as resource persons	40	1220	780	2000	3	1	4	1223	781	2004
Newspaper coverage	25	-	-	Mass	1	1	2	1	1	2
Radio talks	8	-	-	Mass	3	1	4	3	1	4
TV talks	4	-	-	Mass	3	1	4	3	1	4
Popular articles	4	2500	1500	4000	3	1	4	2503	1501	4004
Extension Literature	8	4500	3500	8000	3	1	4	4503	3501	8004
Advisory Services										
Scientific visit to farmers field	12	180	120	300	3	1	4	183	121	304
Farmers visit to KVK	12	700	500	1200	3	1	4	703	501	1204
Diagnostic visits	16	205	115	320	3	1	4	208	116	324
Exposure visits										
Ex-trainees Sammelan	1	30	20	50	3	1	4	33	21	54
Soil health Camp	1	45	5	50	3	0	3	48	5	53
Animal Health Camp	1	50	0	50	3	0	3	53	0	53
Agri mobile clinic								0	0	0
Soil test campaigns	1	40	10	50	3	0	3	43	10	53
Farm Science Club Conveners meet										
Self Help Group Conveners meetings	2	20	80	100	3	1	4	23	81	104
Mahila Mandals Conveners meetings	2	0	80	80	3	1	4	3	81	84
Celebration of important days (specify)	8	270	130	400	3	1	4	273	131	404
Krishi Mohostva										
Krishi Rath										
Pre Kharif workshop	16	750	450	1200	3	1	4	753	451	1204
Pre Rabi workshop	16	780	420	1200	3	1	4	783	421	1204
PPVFRA workshop	1	32	8	40	3	1	4	35	9	44
Any Other (Specify)								0	0	0
Total	**211**	**12431**	**8259**	**20690**	**80**	**28**	**108**	**12511**	**8287**	**20798**

3.5 Target for Production and supply of Technological products

A) SEED MATERIALS

Sl. No.	Crop	Variety	Quantity (qtl.)
CEREALS	Paddy	MTU-7029, R. Sweta, BPT-5204, S. Sampann, BPT-5204, Sabour Heera, CG Devbhog	350

	Wheat	HD-2967, DBW-187	150
OILSEEDS	NIL		
PULSES	Chick pea	GNG-2299	20
	Green gram	Virat	6
VEGETABLES	NIL		
OTHERS (Specify)	NIL		

B) PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)
FRUITS	Mango	Amrapali, Jardalu, Mallika, Langra, Maldah	100
	Dragon fruit	Rosa	500
	Papaya	Red lady	500
SPICES			
VEGETABLES	Tomato, Brinjal, Cauliflower, Cabbage, Capsicum, Chilli, Cucumber	Araka Vishesh, Krishna Kali, S. Agrim, Drum head, Snowball, Bamboo, Indra, Pusa Jwala, Arka Anupma)	75000
	Bottle gourd, Bitter gourd	Pusa Navin, N. Shivani	5000
FOREST SPECIES			
ORNAMENTAL CROPS			
		Total	**90100**

C) BIO-PRODUCT

Sl. No.	Product Name	Species	Quantity	
			No	(kg)
BIO PESTICIDES				
1	Vermicompost	Vermicompost		1000
2	Worms	Essenia foetida		10

D) LIVESTOCK

Sl. No.	Type	Breed	Quantity	
			(Nos)	Unit
1	Cattle	Sahiwal	02	01
2	Goat	Black Bengal	13	01
3	Sheep			
4	Poultry	Vanraja, Sonali	25	01
5	Pig farming			
6	Fisheries			

3.6 Literature to be Developed/Published

(A) KVK News Letter

Date of start : : Jan – March 2026 to Oct - Dec 2026

Number of copies to be published : 4000

(B) Literature to be developed/published

S.No.	Topic	Number
1	Research paper each scientist (4 x 1)	04
2	Technical reports	02
3	News letters	04
4	Training manual all discipline	02
5	Popular article	04
6	Extension literature	15
	Total	**30**

(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	Whatsapp group	RY trainees group	10

3.7. Success stories/Case studies identified for development as a case. :- 04 Success story _+ 2 Case study -

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) PRA Method
b) Group discussion
c) Questionnaire & Schedule

Rural Youth

a) Group discussion
b) Field level observations
c) Questionnaire & Schedule
d) Problem based identification

In-service personnel

a) Meeting
b) Group discussion
c) Field level observations

3.9 Indicate the methodology for identifying OFTs/FLDs

For OFT:

i) PRA
ii) Field level observations
iii) Farmer group discussions

For FLD:

i) New variety/technology
ii) Poor yield at farmers level
iii) Existing cropping system
iv) Others if any : OFT result based FLD

3.10 Field activities

i. Name of villages identified/adopted with block name (from which year) - **Bisania Bal, Dhuadarh, Masauna, Aliganj, Tendua, Mirzapur**
ii. No. of farm families selected per village: **20**
iii. No. of PRA conducted: **03**
iv. No. of technologies taken to the adopted villages : **04-05**
v. Name of the technologies found suitable by the farmers of the adopted villages: **1-2**
vi. Impact (production, income, employment, area/technological– horizontal/vertical): **Production, Income, Horizontal**
vii. Constraints if any in the continued application of these improved technologies : **Seed availability in time, Long procedure of Govt. Schemes**

3.11. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab: Yes

1. Year of establishment : 2008

2. List of equipment's purchase with amount

Sl. No.	Name of the equipment	Quantity	Cost (Rs)
1	Soil core sampler with one set of 10 core boxes	01	32552.00
2	Double Ring infiltrometer apparatus	01	42052.00
3	Test Sieves 8" Dia brass frame	01	1600.00
4	Flame Photometer	01	47640.00
5	Calorimeter	01	6444.00
6	pH meter	01	9558.00
7	Conductivity meter	01	10513.00
8	Multi Heating flame	01	9000.00
9	Heating plate	01	8558.00
10	Incubator	01	6000.00
11	Distillation Unit	01	66568.00
12	Combined Electrodes	01	20000.00
13	Gas Cylinder	02	2400.00
14	Oven	01	7100.00
15	Flask Shaker	01	20500.00
16	Soil Testing Kit (Mridaparikshak)	01	75000.00
17		01	

3. Targets of samples for analysis:

Details	No. of Samples	No. of Farmers	No. of Villages	Amount to be realized
Soil Samples	758	758	15	93550
Water	-	-	-	
Plant	-	-	-	
Total	**758**	**758**	**15**	**93550**

4.0 LINKAGES

4.1 Functional linkage with different organizations/department

Sl.No.	Name of organization	Nature of Linkage	Outcome of linkage
1.	CSISA	Trials	mass
2.	IRRI	Trials	mass
3.	BAMETI	RPL Trainings	120 Farmer
4.	IPL	Training	100
5.	NFL	Training	100

4.2 Details of linkage with ATMA

a) Is ATMA implemented in your district : Yes

S. No.	Programme	Nature of linkage	Outcome of linkage
1	Kharif Abhiyan	Training	19
2	Rabi Abhiyan	Training	19
3	Field Inspection	Field Inspection	8

5. Utilization of Hostel facilities

S. No.	Programme	No. of days
1	**RAWE Programme**	**180**
2	**Krishak Vaigyanik Varta + Rural Youth Training**	**70**
	Total	**250**

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		
Crop Production											
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
Horticulture											
	PF/FW	Scientific cultivation of Rabi season vegetable (tomato, cauliflower, broccoli, potato)	01	14	6	20	3	2	5	25	Oct. 26
	PF/FW	Fruit production of mango and guava plant	01	14	6	20	3	2	5	25	Nov. 26
	PF/FW	Training and pruning of mango and guava orchard	01	14	6	20	3	2	5	25	Dec 26
	PF/FW	Scientific cultivation of exotic vegetables (Capsicum, Broccoli)	01	14	6	20	3	2	5	25	Jan, 27
	PF/FW	Vegetable Nursery Management (brinjal, cabbage, cauliflower, tomato)	01	14	6	20	3	2	5	25	Jan, 27
Livestock prod.											
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
Agril. Engg.											
	PF/FW										
	PF/FW										
	PF/FW										
Home Sc.											
	PF/FW	Mushroom production	01	14	6	20	3	2	5	25	Sept 26
	PF/FW										
	PF/FW										
	PF/FW										
Plan prot.											
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
Fisheries											
	PF/FW	Nursery pond management techniques	01	14	6	20	3	2	5	25	June 26
	PF/FW	Water quality management techniques	01	14	6	20	3	2	5	25	June 26
	PF/FW	Clean milk production & modern Dairy	01	14	6	20	3	2	5	25	July 26
	PF/FW	Nursery pond management techniques	01	14	6	20	3	2	5	25	Aug 26
	PF/FW	Feeding additives uses in aquaculture	01	14	6	20	3	2	5	25	Oct 26
	PF/FW	Pangassius fish disease management	01	14	6	20	3	2	5	25	Nov. 26
Soil Health											
	PF/FW	Natural Farming	01	14	6	20	3	2	5	25	Aug 26
	PF/FW	Vermicompost production Technologies	01	14	6	20	3	2	5	25	Sept 26

	PF/FW	Soil & water testing	01	14	6	20	3	2	5	25	April 26
	PF/FW										
	PF/FW										

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		
Crop Production											
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
Horticulture											
	PF/FW	Protected cultivation of vegetable crops (seedless cucumber, capsicum, tomato)	01	14	6	20	3	2	5	25	Oct. 26
	PF/FW	Preparation of vegetable (Brinjal, Tomato, Cauliflower) seedlings	01	14	6	20	3	2	5	25	Nov. 26
	PF/FW	Cultivation of off season vegetable (capsicum, broccoli, cherry tomato)	01	14	6	20	3	2	5	25	Jan. 2027
	PF/FW	Scientific cultivation of garma season vegetable (Bottle gourd, Bitter gourd, Okra, Ridge gourd, Cow pea)	01	14	6	20	3	2	5	25	March 2027
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
Live Stock Production.											
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
Agril. Engg.											
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
Home Sc.											
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
Plant Protection											
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
Fisheries											
	PF/FW	Broiler production techniques	01	14	6	20	3	2	5	25	June 26

	PF/FW	Improved Carp fish varieties	01	14	6	20	3	2	5	25	July 26
	PF/FW	Feeding practices in pangassius	01	14	6	20	3	2	5	25	Aug 26
	PF/FW										
Soil health											
	PF/FW	Wheat crop management practices to increase NUE	01	14	6	20	3	2	5	25	Oct. 26
	PF/FW	Natural farming	01	14	6	20	3	2	5	25	Oct. 26
	PF/FW	Nutrient deficiency symptoms & Management in wheat crop	01	14	6	20	3	2	5	25	Nov. 26
	PF/FW	Management of heat stress in wheat	01	14	6	20	3	2	5	25	Dec. 26
	PF/FW	Soil management practices to increase NUE	01	14	6	20	3	2	5	25	Jan. 27
	PF/FW	Nutrient Management in Moong crop	01	14	6	20	3	2	5	25	Feb. 27

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		
Vegetable & Fruit crop	Crop production	Planting material production	05	14	6	20	3	2	5	25	Sept 26
Fruit crop	Production management tecnology	Commercial fruit production and its management (Papaya, Mango, Guava)	05	14	6	20	3	2	5	25	Dec 26
Fruits crop	Planting material production	Preparation of Mango, Guava, Lemon plant	05	14	6	20	3	2	5	25	July 26
Vegetable crop	Post Harvesting Technology	Nursery raising of vegetable for income generation (brinjal, cabbage, cauliflower, tomato, broccoli, capsicum)	05	14	6	20	3	2	5	25	Nov 26
Vermicomposting	Vermicomposting	Vermicompost production Technology	05	14	6	20	3	2	5	25	July 26
Mushroom Production	Mushroom Production	Mushroom Production technologies	05	14	6	20	3	2	5	25	Nov 26
Natural Farming	Natural Farming	Natural Farming	05	14	6	20	3	2	5	25	Aug 26
Soil & Water Testing	Soil & Water Testing	Soil sample Collection and its analysis technique	05	14	6	20	3	2	5	25	Mar-26
Dairying	Dairying	Dairying	05	14	6	20	3	2	5	25	July 26
Fish Farming	Fresh Water fish Farming	Pangassius Fish Farming	05	14	6	20	3	2	5	25	Sept 26
Fish Farming	Fresh Water fish Farming	Fry and fingerling rearing	05	14	6	20	3	2	5	25	Nov 26
Fish Farming	Fresh Water fish Farming	Composite fish farming	05	14	6	20	3	2	5	25	March 27

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
				M	F	T	M	F	T	
On Campus										
	Production management technology	Orchard Management (mango & guava)	01	14	6	20	3	2	5	25
	Crop production	Scientific cultivation of ornamental plants (Marigold, glandulous, Rose, Tulip, Lily, Cactus)	01	14	6	20	3	2	5	25
	Crop production	Cultivation method of off-season vegetables (capsicum,	01	14	6	20	3	2	5	25

		broccoli, cherry tomato)								
	Soil and Water Testing	Methods of soil sampling and analysis	01	14	6	20	3	2	5	25
	INM	INM in crops and cropping system	01	14	6	20	3	2	5	25
	INM	Nutrient Management in Wheat Crop	01	14	6	20	3	2	5	25
	Livestock Production	Livestock production and management	01	14	6	20	3	2	5	25
	Fresh water fish farming	Polyculture fish farming	01	14	6	20	3	2	5	25
	Dairy Management	Clean milk production	01	14	6	20	3	2	5	25
	Poultry Management	Broiler production techniques	01	14	6	20	3	2	5	25

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	
a) Sponsored training progdramme											
	ATMA			01							25
	NFL			01							25
	IFFCO			01							25
	PPL			01							25
			Total								
b) Sponsored research programme											
	ATMA										
			Total								
c) Any special programmes											
			Total								

Signature of Senior Scientist & Head