ANNUAL

ACTION PLAN

APRIL 2025 – MARCH 2026

-: SUBMITTED BY :-

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Organization of this Report

This Action Plan of *Krishi Vigyan Kendra Gumla,* Vikas Bharti Bishunpur for the year 2025-26 is presented in a new Format. We hope it will help the distinguished planers to quickly grasp the essence of what KVK seeks to achieve and what it has been able to achieve in the year under

An Introduction

Krishi Vigyan Kendra Gumla, Vikas Bharti Bishunpur is situated in Bishunpur block of Gumla district on Southwestern part of Chotanagpur Plateau region in Jharkhand. It is bounded on North by Lohardaga, South by Simdega, East by Ranchi and West by Chhatishgarh.

The geographical area of this district is 5,31,398.13 hectare which is 6.67% of the total area of Jharkhand state. It is situated between latitude 23^0 40' and longitude $84^0$50'.

The topography of the region in general is undulating and rugged. The plateau region has been deeply cut by the peninsular rivers, forming intermontane vally. The average altitude of the district is 758 m above MSL. The relative elevation of intermontane vally ranges from 450-600 m above MSL. The district is drained by the rivers south Koel, Sankh, North Koel and its different tributaries.

Geographically the District is predominantly by Chhotanagpur granite gneises of Archean Age, which form the basement rock in the area. Mica, Schist, Phyllites also occur as comfortable bands with the gneises and schist's. The tertiary laterites occur in the area over topographic highs or uplands. Recent alluvial sediments are found to occur as river terrace deposits along the bank of river.

CONCEPT

The Krishi vigyan kendra is a grass-root level institution designed and developed to impart need-based and skill-oriented short and long-term vocational training courses to the farmers/farm women. The concepts of the Krishi vigyan kendra are as follows.

1. The Kendra will impart Learning through work experience and hence will be concerned with technical literacy, the acquisition of which does not necessarily require as a precondition, the ability to read and write.
2. The Kendra will impart training to those extension workers who are already employed or to practicing farmers and fishermen.
3. There will be no uniform syllabus for a Kendra. The syllabus and programme of each kendra will be tailored according to the felt needs, natural resources and potential for agricultural growth in particular area.

MANDATE

1. Conducting “On-farm testing” for identifying technologies in terms of location specific sustainable land use system.
2. Organize frontline demonstrations on various crops to generate production data and feedback information.
3. Organize short- and long-term vocational training courses in agriculture and allied vocations for the farmers and rural youths with emphasis on “Learning by Doing” for higher production on farms and generating self – employment.
4. Organize training to update the extension personnel with emerging advances in agricultural research on regular basis.
5. Seed Production

GUMLA DISTRICT AT A GLANCE

a) **ESTABLISHMENT** : 28th MAY 1983

b) **GEOGRAPHICAL LOCATION** :

Latitude : $23^0 40'$

Longitude : $84^0 40'$ To $84^0 50'$

c) **GEOGRAPHICAL BOUNDRY** :

North	:	Lohardaga
South	:	Simdega
East	:	Ranchi
West	:	Chhatisgarh

d) **TOTAL GEOGRAPHICAL AREA** :

529546.15 hectare

5321 Sq. Km.

e) **SOIL** : Red Laterite & Alluvium Sediments (Near river bed)

f) CLIMATE :

Average annual rainfall : 1100 mm

Temperature : $5 – 45^0$ C

Relative Humidity : 30-90%

g) **IMPORTANT RIVERS** : Koel, Sankh and North Koel

h) **ADMINISTRATIVE UNITS** :

No. of Sub-Division : 03

No. of Blocks : 12

i) Gumla	ii) Raidih
iii) Chainpur	iv) Dumri
v) Palkot	vi) Basia
vii) Kamdara	viii) Sisai
ix) Bharno	x) Ghaghra
xi) Bishunpur	xii) Albert Ekka Jari

No. of village : 952

No. of Panchayats : 159 + 1 Municipality

Literacy Percentage : 65.73 % (According to 2011 census)

i) **POPULATION** (According to 2011 census)

Total : 10,25,213

Male : 5,14,390

Female : 5,10,823

Rural population : 960132 (93.65%)

Urban population : 39761 (3.87%)

ST : 706754 (68.94%)

SC : 32429 (3.17%)

Other : 286000 (27.89%)

j) **SOCIO-ECONOMIC STATUS** :

Farmers : 321272 (33.46% of Rural Population)

Agricultural Laborers : 97918 (10% of Rural Population)

Home Industries Labour : 3.42%

Other Workers : 55547 (11.39%)

BPL : 74.75%

k) **LAND UTILISATION PATTERN** :

Geographical Area : 529546.15 ha.

Total Forest Area : 135600 ha (Wild Life Sanctuaries 183.18 Sq. Km)

Cultivable Area : 329600 ha

Permanent Pasture : 2204 ha

Net Cultivated Area : 259419.1 ha

Net Irrigated Area : 67760 ha

Cultivable waste land : 31598 ha

DON LAND

i) Done – I - 29044.47 ha

ii) Done – II - 33664.8 ha
iii) Done – III – 30986.60 ha

TAR LAND

i) Tar – I - 13134 ha
ii) Tar –II - 82506.59 ha
iii) Tar – III - 70083.25 ha

l) **AREA COVERED UNDER DIFFERENT CROPS** :
(As per data of District Agriculture Department, Gumla)

Kharif (ha)			**Rabi (ha)**		
Paddy	:	188000	Wheat	:	12000
Maize	:	8100	Rabi Maize	:	2000
Redgram	:	16000	Gram	:	12600
Blackgram	:	8000	Lentil	:	5500
Greengram	:	15000	Pea	:	3200
Kulthi	:	2500	Mustard	:	15300
Other Pulses	:	2200	Linseed	:	2800
Total Pulses	:	30200	Safflower	:	227
Ragi	:	1000	Sunflower	:	100
Jowar	:	150	Niger	:	1500
Bajra	:	40			
Buckwheat	:	100			
Groundnut	:	5000			
Sesame	:	100			
Soybean	:	300			

* Source : District Agriculture Department, Gumla

SURVEY REPORT

Cluster -1	
Name of Villages :	Bendora, Chitarpur, Kating, Malam, Rampur, Mahuwatoli, Jhargaon, Kerabar, Tilwari & Mjhagaon, Nawadih, Dhakul Damgara, Chotakatara & Govindpur, Jarmana, Bumtail, Telhitoli, Suggasarwa, Chhota Katra
Block :	**Chainpur, Dumri & Jari**
Cluster -2	
Name of Villages :	Range, Maruwai, Narmajamtoli, Narmadanrtoli, Beti, Titahi, Banari, Salam Nawatoli, Champatoli, Dumberpath, Jobhipath, Arangloya, Samdari, Orya, Bahar Serka & Porisarna, Kurag, Kugaon, Hedadar, Karanjtoli, Echa, Sarango, Sarango Mohanpur. Patratoli, Itkiri, Nawadih, Totambi, Gunia, Jargatoli, Shivrajpur. Rehetoli, Kubatoli, Manjeera, Didhauli, Jahup, Chipri, Holang, Lapu, Borang, Katiya, Ghaghra, Marwai, Malangtoli, Jamti, Dardag, Helta ambatoli, Sato, Nirasi and Banari, Burhu, Gunia, Khambhiya, Chhota ajiyatu, Salgi, Nawadih, Dardag
Block :	**Bishunpur & Ghaghra**
Cluster -3	
Name of Villages :	Kashitoli, Gumla, Dunduria, Soso, Alankera, Silam Brinda, Telgaon, Murkunda, Jhargaon, Koinjara chatakpur, Kulabira & Raidih, Patratoli, Nawadih Patratoli, Mokro, Ashni, Shivpur, Kotamati, Keradih
Block :	**Gumla & Raidih**
Cluster -4	
Name of Villages :	Narekela & Gadha , Suruhu, Kamta, Salegutu & Palkot, Telhidih, Tengaria Chainpur, Matimtoli , Kotbo, Kasira, Harhara, Tapkara, Tira, Tetartoli
Block :	**Basia & Kamdara & Palkot**
Cluster -5	
Name of Villages :	Bharno, Dumbo, Burhipath, Mathturiamba, Amaliya, Turiamba & Dickdone, Sakrauli, Charko, Senda, Pandariya, Olmunda, Semra, Nagar, Kudra, Jaira
Block :	**Bharno & Sisai**
Farming Situation :	**Rainfed**
Major Crop grown	
Kharif-	Paddy, Maize, Smaller Millets, Pigeon Pea, Blackgram, Groundnut, Niger, Sesame, Tomato, Brinjal, Chilli, Potato, Okra and Cucurbits.
Rabi-	Gram, Lentil, Linseed, Toria, Wheat, Potato Tomato, Brinjal, Pea, Garlic and Onion
Summer	Paddy and Vegetable
Cropping system	a) Paddy – Fallow b) Paddy – Gram - Fallow c) Paddy/Maize – Mustard - Fallow d) Niger - Fallow e) Vegetable- Vegetable-Fallow

Krishi Vigyan Kendra, Gumla

Vikas Bharti Bishunpur

Krishi Kalyan Abhiyan-I

List of Aspirational Villages

SN	Village	Block
1.	Jamti	Bishunpur
2.	Koting	Chainpur
3.	Kothamati	Ghaghra
4.	Halmati	Ghaghra
5.	Kujam	Bishunpur
6.	Udni	Dumri
7.	Pibo	Raidih
8.	Sarita	Kamdara
9.	Kutuwa	Gumla
10.	Barri	Sisai
11.	Luru	Raidih
12.	Bantoli	Bharno
13.	Barisa	Gumla
14.	Samshera	Bharno
15.	Karkari	Sisai
16.	Turundu	Kamdara
17.	Marasilli	Bharno
18.	Lohanjara	Sisai
19.	Koinara	Gumla
20.	Bhurso	Sisai
21.	Jura	Bharno
22.	Jorag	Gumla
23.	Surhu	Kamdara
24.	Karondajor	Bharno
25.	Kumbhro	Bharno

Kisan Kalyan Abhiyan Phase-II

List of Aspirational Villages

District – Gumla

SN	Villade	Panchayat	Block
1.	Nawadih	Nawadih	Gumla
2.	Telgaon	Telgaon	
3.	Shivrajpur	Shivrajpur	Ghaghra
4.	Chundari	Chundari	
5.	Salgi	Adar	
6.	Narma	Narma	Bishunpur
7.	Chipri	Bishunpur	
8.	Darha	Bhadauli	Sisai
9.	Lakea	Lakeya	
10.	Malgo	Dumbo	Bharno
11.	Danrkesa	Supa	
12.	Gudma	Koleg	Palkot
13.	Petsera	Bangru	
14.	Alangkera	Uttari Palkot	
15.	Turbubga	Turbunga	Baisa
16.	Bhagidera	Konbir	
17.	Chitapidhi	Ramtolya	Kamdara
18.	Arhara	Konsa	
19.	Sikoi	Sikoi	Raidih
20.	Aranda	Kepur	
21.	Rampur	Rampur	Chainpur
22.	Bendora	Bendora	
23.	Nawadih	Nawadih	Dumri
24.	Akasi	Akasi	
25.	Jarda	Jarda	Jari

On the basis of Bench mark Survey following major constraints has been found.

1 Poor Rain Water Management

2 Unavailability of the Quality seed especially of pulses

3 Poor Management of Acidic Soil

4 Low productivity of Ragi & Gondli

5 Low productivity in Mango

6 Spoilage losses in Tamarind

7 Poor market linkage

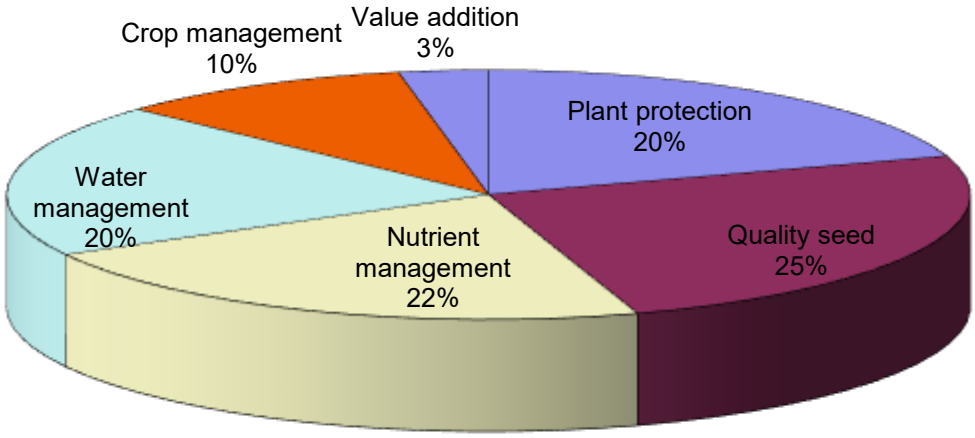
8 Repeat breeding in cross breed Cow

9 Poor body weight gain in Goat

10 Unavailability of Brood Lac

Problem Prioritization

On the basis of survey report our team prioritized the problem and accordingly planned to conduct the OFT and FLD in respective selected villages with a view to overcome major constraint which will directly influence the yield.



THRUST AREA

1 Promotion of farm mechanization

2 Promotion of micro irrigation

3 Promotion of Natural farming

4 Promotion of Pulses and Oilseed

5 Promotion of intercropping in Mango orchard

6 Promotion of Millets cultivation, Value addition and employment generation

7 Promotion of kharif Onion cultivation

8 Promotion of Kharif Potato cultivation

9 Strengthening of FPOs

10 Soil Health Card

REVISED PROFORMA FOR

ACTION PLAN 2025-26

1. Name of the KVK:

Address	Telephone		E mail
Krishi Vigyan Kendra, Gumla Vikas Bharti Bishunpur Po – Bishnpur Dist – Gumla PIN – 835 231 State – Jharkhand	Mobile : 9430699847	7366082870	kvk.gumla@gmail.com Website -gumla.kvk4.in

2. Name of host organization:

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

2. Training programme to be organized (April 2025 to March 2026)

(a) Farmers and farmwomen

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
I. Crop Production														
Resource conservation technology	Resource conservation technology	1	1	OFF	17/04/25	3	2	11	3	2	3	16	8	24
Seed production	Seed Production	1	1	OFF	15/05/25	3	2	11	3	2	3	16	8	24
Integrated crop management	Rice, Maize, Millet production Technology	1	1	ON	22/05/25	3	2	11	3	2	3	16	8	24
Integrated crop management	Kharif pulses production technology	1	1	ON	05/06/25	3	2	11	3	2	3	16	8	24
Integrated crop management	Kharif Oilseeds production technology	1	1	OFF	12/06/25	3	2	11	3	2	3	16	8	24
Crop diversification	Crop diversification a strategy for profitable agriculture	1	1	ON	10/07/25	3	2	11	3	2	3	16	8	24
Weed management	Weed management in major crop	1	1	OFF	07/08/25	3	2	11	3	2	3	16	8	24
Integrated Farming system	Integrated Farming System	1	1	OFF	11/09/25	3	2	11	3	2	3	16	8	24
Integrated crop management	Pulses and oilseeds production technology for rabi crop	1	1	ON	09/10/25	3	2	11	3	2	3	16	8	24
Cropping system	Importance of cropping system	1	1	OFF	16/10/25	3	2	11	3	2	3	16	8	24
Fodder production	Fodder production technology	1	1	ON	06/11/25	3	2	11	3	2	3	16	8	24
Integrated crop management	Wheat production technology	1	1	OFF	13/11/25	3	2	11	3	2	3	16	8	24
Water Management (Micro irrigation system)	Efficient irrigation management for rabi crop	1	1	ON	04/12/25	3	2	11	3	2	3	16	8	24

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Production of organic input	Production of organic input	1	1	OFF	11/12/25	3	2	11	3	2	3	16	8	24
Integrated Crop Management	Improved production technology of green gram	1	1	ON	08/01/26	3	2	11	3	2	3	16	8	24
Green Manuring	Green Manuring	1	1	OFF	12/02/26	3	2	11	3	2	3	16	8	24
Post harvest technology	Post harvest technology for Rabi crop.	1	1	OFF	05/03/26	3	2	11	3	2	3	16	8	24
Total		**17**	**17**			**51**	**34**	**187**	**51**	**34**	**51**	**272**	**136**	**408**
II. Horticulture														
Nursery Management	Raising of quality seedling	01	01	ON	25/04/25	5	0	14	0	5	0	24	0	24
Production and management technology of spices	Scientific cultivation of Turmeric & Ginger.	01	01	OFF	16/05/25	5	0	14	0	5	0	24	0	24
Production of low volume & high value crop	Cultivation of Kharif Onion & Potato	01	01	OFF	09/07/25	5	0	14	0	5	0	24	0	24
Production and management technology	Production and management technology of need based medicinal & aromatic plants	01	01	OFF	22/07/25	5	0	14	0	5	0	24	0	24
Protected Cultivation	Cultivation of vegetables in green house	01	01	ON	12/09/25	5	0	14	0	5	0	24	0	24
Exotic Vegetables	Cultivation of Broccoli	01	01	ON	17/10/25	5	0	14	0	5	0	24	0	24
Production of low volume & high value crop	Cultivation of winter vegetable.	01	01	ON	14/11/25	5	0	14	0	5	0	24	0	24
Grading and standardization	Importance of grading and standardization of tomato and potato	01	01	ON	19/12/25	5	0	14	0	5	0	24	0	24
Cultivation of fruits	Cultivation of fruits	01	01	ON	09/01/26	5	0	14	0	5	0	24	0	24
Plant propagation technique	Grafting, Budding and	01	01	OFF	16/01/26	5	0	14	0	5	0	24	0	24

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
	Layering of fruit plants													
Layout & management of orchard	Scientific management of Orchard.	01	01	OFF	13/02/26	5	0	14	0	5	0	24	0	24
Management of potted plants	Scientific management of ornamental & potted plants	01	01	ON	14/03/26	5	0	14	0	5	0	24	0	24
Total		**12**	**12**			**60**		**168**		**60**		**288**	**0**	**288**
III. SOIL SCIENCE														
Soil and water testing	Importance of soil and water testing	1	1	OFF	29/04/25	2	2	14	4	1	1	17	7	24
Soil health management	Soil health management and Correct method of soil sampling.	1	1	OFF	29/05/25	2	2	14	4	1	1	17	7	24
Management of problematic soil	Amelioration of acidic soil with proper application of amendments.	1	1	OFF	26/06/25	2	2	14	4	1	1	17	7	24
Integrated Nutrient Management	Balance use of fertilizers in Kharif crops	1	1	ON	31/07/25	2	2	14	4	1	1	17	7	24
Integrated Nutrient management	Fertilizer management in rice crop. I. Methods and time of fertilizer application.	1	1	ON	07/08/25	2	2	14	4	1	1	17	7	24
Micronutrient deficiency in crop	Liquid fertilizer application and importance of micro nutrients and deficiency in different crop. (paddy & vegetable)	1	1	ON	27/09/25	2	2	14	4	1	1	17	7	24
Production and use of organic inputs	Use of rhizobium culture/ Azotobacter/ PSB	1	1	ON	11/10/25	2	2	14	4	1	1	17	7	24

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Integrated Nutrient management	Fertilizer management in all Rabi crop (Wheat).	1	1	ON	08/11/25	2	2	14	4	1	1	17	7	24
Nutrient use efficiency	Methods of fertilizer application and lime management	1	1	OFF	27/12/25	2	2	14	4	1	1	17	7	24
Production & use of organic input	Preparation of vermicompost	1	1	OFF	15/01/26	2	2	14	4	1	1	17	7	24
Soil health management	Soil health management and Correct method of soil sampling.	1	1	ON	14/02/26	2	2	14	4	1	1	17	7	24
Soil fertility management	Soil fertility management through INM	1	1	OFF	12/03/26	2	2	14	4	1	1	17	7	24
Total		**12**	**12**			**24**	**24**	**168**	**48**	**12**	**12**	**204**	**84**	**288**
IV. LIVE STOCK PRODUCTION														
Poultry management	Poultry production	1	1	OFF	23/04/25	3	1	16	3	1	0	20	4	24
Feed management	Feed management of newly born calf	1	1	OFF	03/05/25	3	1	16	3	1	0	20	4	24
Duck cum fish farming	Duck farming/ Fish farming	1	1	ON	02/06/25	3	1	16	3	1	0	20	4	24
Fodder conservation	Hey and silage making	1	1	ON	02/07/25	3	1	16	3	1	0	20	4	24
Vaccination	Importance of vaccination in animal	1	1	OFF	02/08/25	3	1	16	3	1	0	20	4	24
Fodder production & development	Importance of green fodder production in dairy farming	1	1	ON	04/09/25	3	1	16	3	1	0	20	4	24
Milk production	Clean milk production	1	1	ON	06/10/25	3	1	16	3	1	0	20	4	24
Piggery	Pig farming & management	1	1	OFF	05/11/25	3	1	16	3	1	0	20	4	24
Dairy management	Management of dairy animal	1	1	ON	03/12/25	3	1	16	3	1	0	20	4	24
Disease management	Weather based disease management programme (Summer, Winter, Rainy)	1	1	ON	03/01/26	3	1	16	3	1	0	20	4	24

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Control of ecto parasite	Prevention and treatment of ecto parasite	1	1	OFF	04/02/26	3	1	16	3	1	0	20	4	24
Goat management	Balanced animal feed	1	1	ON	03/03/26	3	1	16	3	1	0	20	4	24
Total		**12**	**12**			**36**	**12**	**192**	**36**	**12**		**240**	**48**	**288**
V. HOME SCIENCE														
Household food security by nutritional gardening	Nutritional gardening	1	1	OFF	08/04/25	0	1	0	18	0	3	0	22	22
Design and development of high nutrient efficiency diet	Importance of balance diet	1	1	OFF	13/05/25	0	2	0	19	0	3	0	24	24
Value addition	Value added products of Rice	1	1	OFF	10/06/25	0	2	0	19	0	3	0	24	24
Group Dynamics	Empowerment of women through SHG	1	1	OFF	08/07/25	0	2	0	19	0	3	0	24	24
Minimization of Nutrient Loss during processing	Cooking methods and reuse of excess remaining food	1	1	ON	13/08/25	0	2	0	19	0	3	0	24	24
Location specific drudgery reduction technologies	Improved tools and technologies developed for drudgery reduction	1	1	ON	11/09/25	0	2	0	19	0	3	0	24	24
Gender mainstreaming through SHGs	Capacity building of SHGs	1	1	ON	15/10/25	0	2	0	19	0	3	0	24	24
Storage loss minimization techniques	Storage techniques for cereals and pulses	1	1	ON	26/11/25	0	2	0	19	0	3	0	24	24
Women and child care	Women and child care	1	1	ON	16/12/25	0	2	0	19	0	3	0	24	24
Design & development of low/minimum cost diet	Importance of millet in dietary system	1	1	ON	12/02/25	0	2	0	19	0	3	0	24	24
Total		**10**	**10**			**0**	**19**	**0**	**189**	**0**	**30**	**0**	**238**	**238**
VI. PLANT PROTECTION												0	0	0
Seed treatment	Method of seed treatment	1	1	ON	18/04/25	3	3	8	3	3	4	14	10	24

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Integrated disease management	Integrated disease management of the major rainy vegetables	1	1	OFF	12/05/25	3	3	8	3	3	4	14	10	24
Lac cultivation	Lac cultivation	1	1	OFF	13/06/25	3	3	8	3	3	4	14	10	24
Integrated Pest management	Management of insect pest and disease in major *kharif* cereals	1	1	OFF	16/07/25	3	3	8	3	3	4	14	10	24
Bio control of pest & disease	Management of insect pest and disease in major *kharif* pulses crop (B/G, R/G) through Bio pesticide	1	1	ON	11/08/25	3	3	8	3	3	4	14	10	24
Production of bio pesticides	Techniques of bio pesticides production and their uses	1	1	OFF	15/09/25	3	3	8	3	3	4	14	10	24
Integrated Pest management	Management of insect pest & disease in *rabi* vegetables	1	1	ON	18/10/25	3	3	8	3	3	4	14	10	24
Integrated Pest management	Management of insect pest and disease in rabi oilseeds & pulses crop (pea, gram, lentil)	1	1	OFF	10/01/26	3	3	8	3	3	4	14	10	24
Bee keeping	Management of Bee hives	1	1	OFF	10/02/26	3	3	8	3	3	4	14	10	24
Integrated Pest management	Control of storage grain pest	1	1	OFF	18/02/26	3	3	8	3	3	4	14	10	24
Total		**10**	**10**			**30**	**30**	**80**	**30**	**30**	**40**	**140**	**100**	**240**
VII. AGRICULTURAL ENGINEERING														
Farm Mechanization	Application of farm machinery & implements in agriculture	1	1	PF/FW	12/04/25	3	2	12	3	2	3	17	8	25

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Post harvest Technology	Maintenance of thresher machine and its use	1	1	PF/FW	16/05/25	3	2	12	3	2	3	17	8	25
Rain Water Harvesting	Development of Rain Water Harvesting Structure	1	1	PF/FW	23/06/25	3	2	12	3	2	3	17	8	25
Use of plastic in farming system	Importance of plastic in farming system	1	1	PF/FW	20/08/25	3	2	12	3	2	3	17	8	25
Small scale processing and value addition	Small scale processing and value addition	1	1	PF/FW	16/09/25	3	2	12	3	2	3	17	8	25
Micro Irrigation System	Care and maintenance of Micro irrigation system	1	1	PF/FW	09/10/25	3	2	12	3	2	3	17	8	25
Production of small tools and equipment's	Production of small tools in agriculture	1	1	PF/FW	12/11/25	3	2	12	3	2	3	17	8	25
Repair and maintenance of farm machinery and implements	Care & maintenance of farm machinery & implements	1	1	PF/FW	15/01/26	3	2	12	3	2	3	17	8	25
Soil & Water Conservation	Different conservation technique of soil erosion	1	1	PF/FW	23/02/26	3	2	12	3	2	3	17	8	25
Total		**09**	**09**			**27**	**18**	**108**	**27**	**18**	**27**	**153**	**72**	**225**
VIII. PRODUCTION OF INPUT AT KVK FARM														
Planting material production	Planting material production	1	1	ON	21/07/25	3	3	8	3	3	4	14	10	24
Bio fertilizer production	Bio fertilizer production	1	1	ON	18/09/25	3	3	8	3	3	4	14	10	24
Production of fry and fingerlings	Production of fry and fingerlings	1	1	ON	16/07/25	3	3	8	3	3	4	14	10	24

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Vermicompost production	Vermicompost production	1	1	ON	16/10/25	3	3	8	3	3	4	14	10	24
Total		**04**	**04**			**12**	**12**	**32**	**12**	**12**	**16**	**56**	**40**	**96**
IX. CAPACITY BUILDING (AGRICULTURE EXTENSION)														
Formation and management of SHG	Formation and management of SHG	1	1	OFF	18/08/25	3	3	8	3	3	4	14	10	24
Mobilization of social capital	Mobilization of social capital	1	1	OFF	16/10/25	3	3	8	3	3	4	14	10	24
Total		**02**	**02**			**06**	**06**	**16**	**06**	**06**	**08**	**28**	**20**	**48**
X. ARGO FORESTRY														
Integrated farming system	Integrated farming system	1	1	OFF	18/12/25	3	3	8	3	3	4	14	10	24
Total		**01**	**01**			**03**	**03**	**08**	**03**	**03**	**04**	**14**	**10**	**24**
Grand Total		**89**	**89**			**249**	**158**	**959**	**402**	**187**	**188**	**1395**	**748**	**2143**

(b) Rural youths

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
I. CROP PRODUCTION														
Seed production	Paddy seed production technology	1	5	OFF	6-10/05/25	1	0	10	2	2	0	13	2	15
Seed production	Wheat seed production technology	1	5	OFF	21-25/10/25	1	0	10	2	2	0	13	2	15
Total		**2**	**10**			**2**	**0**	**20**	**4**	**4**	**0**	**26**	**4**	**30**
II. HORTICULTURE														
Training & pruning of orchard	Training & pruning of litchi, Guava	1	07	ON	20-26/05/25	2	2	8	2	4	2	14	6	20
Plant propagation technique	Grafting of mango & layering of litchi, guava & lemon	1	07	ON	14-20/07/25	2	2	8	2	4	2	14	6	20
Nursery management of horticultural crops	Vegetable nursery management	1	07	ON	12-18/08/25	2	2	8	2	4	2	14	6	20
Post Harvest Technology	Post Harvest Technology in Mango	1	07	ON	17-23/09/25	2	2	8	2	4	2	14	6	20
Protected cultivation of vegetable crop	Cultivation of shimla mirch	1	05	ON	18-22/11/25	2	2	8	2	4	2	14	6	20
Commercial fruit production	Commercial production technology of mango	1	07	ON	21-27/01/26	2	2	8	2	4	2	14	6	20
Total		**6**	**40**			**12**	**12**	**48**	**12**	**24**	**12**	**84**	**36**	**120**
III. SOIL SCIENCE														
Vermi culture	Preparation and marketing of Vermi Composting.	1	5	ON	13-17/05/25	1	1	8	4	1	1	10	6	16
Vermi culture	Preparation and marketing of Vermi Composting.	1	5	ON	17-21/06/25	1	1	8	4	1	1	10	6	16
Production of organic input	Compost enrichment	1	5	ON	15-19/07/25	1	1	8	4	1	1	10	6	16
Vermiculture	Preparation and marketing of vermicompost	1	5	ON	14-18/10/25	1	1	8	4	1	1	10	6	16
Vermi culture	Preparation and marketing of Vermi Composting.	1	5	ON	09-13/12/25	1	1	8	4	1	1	10	6	16

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Production of organic inputs	Preparation of BGA, Azolla	1	5	ON	10-14/02/26	1	1	8	4	1	1	10	6	16
Total		**6**	**30**			**6**	**6**	**48**	**24**	**6**	**6**	**60**	**36**	**96**
IV. LIVE STOCK PRODUCTION												0	0	0
Para vet	Pashu Mitra	1	7	ON	24-30/05/25	2	0	12	0	6	0	20	0	20
Goatry	Goat rearing	1	7	ON	10-16/06/25	3	2	12	2	1	0	16	4	20
Fish cum duck farming	Fish farming	1	7	ON	08-14/07/25	3	2	12	2	1	0	16	4	20
Backyard poultry farming	poultry farming	1	7	ON	05-11/08/25	0	0	8	2	10	0	18	2	20
Piggery rearing	Pig Farming	1	7	ON	09-15/09/25	3	2	12	2	1	0	16	4	20
Dairy	Cow care & management	1	7	ON	18-24/11/25	3	0	10	3	4	0	17	3	20
Total		**6**	**42**			**14**	**06**	**66**	**11**	**23**		**103**	**17**	**120**
V HOME SCIENCE														
Value addition	Value added production	1	07	ON	01-07/06/25	0	0	0	15	0	5	0	20	20
Mushroom production	Techniques of mushroom production	1	05	ON	11-15/11/25	0	0	0	15	0	5	0	20	20
Mushroom production	Techniques of mushroom production	1	05	ON	09-15/12/25	0	0	0	15	0	5	0	20	20
Value addition	Value added production	1	07	ON	19/1-23/01/26	0	0	0	15	0	5	0	20	20
Total		**4**	**24**			**0**	**0**	**0**	**60**	**0**	**20**	**0**	**80**	**80**
VI PLANT PROTECTION														
Lac cultivation	Cultivation of Lac	1	5	ON	05-13/05/25	4	2	5	2	5	2	14	6	20
Lac cultivation	Cultivation of Lac	1	5	ON	03-07/06/25	4	2	5	2	5	2	14	6	20
Bee Keeping	Management of Bee keeping.	1	5	ON	04-8/08/25	4	2	5	2	5	2	14	6	20
Scientific Bee Keeping	Management of Bee keeping.	1	5	ON	09-13/09/25	4	2	5	2	5	2	14	6	20
Bee Keeping	Management of Bee keeping.	1	5	ON	10-14/11/25	4	2	5	2	5	2	14	6	20
Lac cultivation	Cultivation of Lac	1	5	ON	06-10/01/26	4	2	5	2	5	2	14	6	20

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Total		**6**	**30**			**24**	**12**	**30**	**12**	**30**	**12**	**84**	**36**	**120**
VII. AGRICULTURAL ENGINEERING														
Micro Irrigation System	Installation & maintenance of micro irrigation systems	1	5	ON	21-25/05/25	0	0	10	6	0	0	10	6	16
Micro Irrigation System	Repair & maintenance of water lifting devices (pump set)	1	5	ON	09-13/06/25	0	0	8	4	3	1	11	5	16
Micro Irrigation System	Installation & maintenance of micro irrigation systems	1	5	ON	04-08/08/25	0	0	10	6	0	0	10	6	16
Micro Irrigation System	Installation & maintenance of micro irrigation systems	1	5	ON	06-10/10/25	0	0	10	6	0	0	10	6	16
Micro Irrigation System	Installation & maintenance of micro irrigation systems	1	5	ON	12-16/01/26	0	0	10	6	0	0	10	6	16
Micro Irrigation System	Installation & maintenance of micro irrigation systems	1	5	ON	02-06/02/26	0	0	10	6	0	0	10	6	16
Total		**6**	**30**			**0**	**0**	**58**	**34**	**03**	**01**	**61**	**35**	**96**
Grand Total		**35**	**203**			**58**	**36**	**270**	**142**	**90**	**46**	**418**	**224**	**642**

(c) Extension functionaries

Thrust area/ Thematic area	Title of Training	No.	Dura-tion	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Productivity enhancement in field crop	Kharif crop production technology	1	2	ON	May 25	3	2	10	5	7	3	20	10	30
Knowledge upgradation of EF at block level (kharif)	Kharif knowledge upgradation	6	1	OFF	June 25	18	12	60	30	42	18	120	60	180
Capacity building	Capacity building of matasya mitra	1	1	ON	19/06/25	3	2	10	5	7	3	20	10	30
Capacity building	Capacity building of Pashu Sakhi	1	2	ON	16/07/25	3	2	10	5	7	3	20	10	30
Capacity building	Capacity building of Krishi mitra	1	1	OFF	Aug 25	3	2	10	5	7	3	20	10	30
Formation and management of SHG	Leadership training of SHG	1	1	ON	20/08/25	0	5	0	15	0	10	0	30	30
Capacity building	Capacity building of udyan mitra	1	1	OFF	Sep 25	3	2	10	5	7	3	20	10	30
Productivity enhancement in field crop	Rabi crop production technology	1	2	ON	Oct 25	3	2	10	5	7	3	20	10	30
Knowledge upgradation of EF at block level (rabi)	Rabi knowledge upgradation	6	1	OFF	Oct 25	18	12	60	30	42	18	120	60	180
Total		**19**	**12**			**54**	**41**	**180**	**105**	**126**	**64**	**360**	**210**	**570**

(d) School Dropouts

Thrust area/ Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Soil health	Soil sampling	01	01	OFF	22/05/25	0	0	20	0	4	0	24	0	24
Nursery management	Nursery management of plantation crop	01	01	OFF	19/05/25	0	0	20	0	4	0	24	0	24
Animal vaccination	Animal vaccination	01	01	OFF	21-22/05/25	0	0	20	0	4	0	24	0	24
Propagation technique	Propagation technique	01	01	OFF	27-28/06/25	0	0	20	0	4	0	24	0	24
Animal vaccination	Animal vaccination	01	02	OFF	25-26/07/25	0	0	20	0	4	0	24	0	24
Propagation technique	Propagation technique	01	02	OFF	23-24/07/25	0	0	20	0	4	0	24	0	24
Repair and maintenance of water lifting devices (Hand pump)	Repair and maintenance of water lifting devices	01	02	OFF	07-08/09/25	0	0	20	0	4	0	24	0	24
Fodder conservation	Silage making	01	02	OFF	23-24/09/25	0	0	20	0	4	0	24	0	24
Fertilizer management	Fertilizer management	01	01	OFF	16/10/25	0	0	20	0	4	0	24	0	24
Mushroom cultivation	Mushroom cultivation	01	01	OFF	15/10/25	0	0	0	15	0	5	0	20	20
Pest & disease management	Pest & disease management	01	01	OFF	11/11/25	0	0	20	0	4	0	24	0	24
Net house management	Net house management	01	02	OFF	10-11/01/25	0	0	20	0	4	0	24	0	24
Soil sampling	Soil sampling	01	01	OFF	12/02/26	0	0	20	0	4	0	24	0	24
Total		**13**	**18**	**-**		**0**	**0**	**240**	**15**	**48**	**05**	**288**	**20**	**308**

(e) Vocational Training

Thrust area/ Thematic area	Title of Training	No.	Duration (in days)	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Garden management	Mali Training	1	15	ON	11-25/06/25	2	2	8	2	4	2	14	6	**20**
Para vet	Pashu Mitra/ Gopal Mitra	1	15	ON	09/06/25-24/06/25	3	0	12	0	1	0	16	0	**16**
Enterprise development	Cutting and tailoring	1	30	ON	13/5-11/06/25	0	5	0	5	0	5	0	15	15
Total		**3**	**45**			**5**	**7**	**20**	**7**	**5**	**7**	**30**	**21**	**51**

(f) ASCI Training

Thrust area/ Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Animal health worker	Animal health worker	1	300 Hr	ON	27/11/25-08/01/26	-	-	10	5	10	-	20	5	**25**
Total		**01**	**-**	**-**	**-**	**-**	**-**	**10**	**5**	**10**	**-**	**20**	**5**	**25**

(h) Training Programme under AEMPR

Thrust area/ Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Integrated Nutrient Management	Balance use of fertilizer	1	1	OFF	15/05/25	1	1	15	5	1	1	17	7	**24**
Integrated Nutrient Management	INM Training	1	1	OFF	06/06/25	1	1	15	5	1	1	17	7	**24**
Integrated Nutrient Management	INM Training	1	1	OFF	66/06/25	1	1	15	5	1	1	17	7	**24**
Micronutrient deficiency in crop	Liquid fertilizer application	1	1	OFF	10/07/25	1	1	15	5	1	1	17	7	**24**
Micronutrient deficiency in crop	Liquid fertilizer application	1	1	ON	28/08/25	1	1	15	5	1	1	17	7	**24**
Integrated Nutrient Management	Balance use of fertilizer	1	1	OFF	30/09/25	1	1	15	5	1	1	17	7	**24**
Integrated Nutrient Management	INM Training	1	1	OFF	04/10/25	1	1	15	5	1	1	17	7	**24**
Integrated Nutrient Management	Liquid fertilizer application	1	1	OFF	27/11/25	1	1	15	5	1	1	17	7	**24**
Total		**8**	**-**	**-**	**-**	**8**	**8**	**120**	**40**	**8**	**8**	**136**	**56**	**192**

(I) Programme under Natural Farming

Thrust area/ Thematic area	Title of Training	No	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Natural Inputs	Preparation of Jeevamrit,Beejamrit & Ghanjeevamrit	1	1	On	26/06/25	0	0	15	3	1	1	16	4	**20**
Natural Inputs	Preparation of Neemastra	1	1	On	28/08/25	0	0	15	3	1	1	16	4	**20**
Natural Inputs	Preparation of Agniastra & Bramhastra	1	1	On	27/11/24	0	0	15	3	1	1	16	4	**20**
Total		**03**				**0**	**0**	**45**	**09**	**03**	**03**	**48**	**12**	**60**
Awareness Programme														
Demonstration														

(i) Proposed Plan under NARI Project

SN	Activity	No.	Details
1	OFT	01	
2	FLD on specific aspects	20	Nutritional Garden and biofortified wheat in 2 villages
3	Capacity development programme on specified aspects	02	
4	Total No. of farm women/girls to be involved	15	

(j) Swachchta Action Plan Activities

SN	Activities		Number
1.	Digitization of office records/ e-office (in Numbers)	:	02
2.	Basic maintenance (in Numbers)	:	02
3.	Sanitation and SWM (in Numbers)	:	06
4.	Cleaning and beautification of surrounding areas (in Numbers)	:	04
5.	Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste (in Numbers)	:	12
6.	Used water for agriculture/ horticulture application (in Numbers)	:	02
7.	Swachhta Awareness at local level (in Numbers)	:	06
8.	Swachhta Workshops (in Numbers)	:	01
9.	Swachhta Pledge (in Numbers)	:	01
10.	Display and Banner (in Numbers)	:	20
11.	Foster healthy competition (in Numbers)	:	01
12.	Involvement of print and electronic media (in Numbers)	:	01
13.	Involving the help of the farmers, farm women and village youth in their adopted villages (no. of adopted villages)	:	06
14.	No. of Staff members involved in the activities (in Numbers)	:	16
15.	No. of VIP/VVIPs involved in the activities (in Numbers)	:	
16.	Any other specific activity (in details)	:	
17.	Expenditure (in Rs.)	:	01.00

(i) Abstract of Training: Consolidated table (ON and OFF Campus)

Farmers and Farm women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	1	2	3	5	3	2	5	11	3	14	16	8	24
Resource Conservation Technologies	1	2	3	5	3	2	5	11	3	14	16	8	24
Cropping Systems	1	2	3	5	3	2	5	11	3	14	16	8	24
Crop Diversification	1	2	3	5	3	2	5	11	3	14	16	8	24
Integrated Farming	1	2	3	5	3	2	5	11	3	14	16	8	24
Water management	1	2	3	5	3	2	5	11	3	14	16	8	24
Seed production	1	2	3	5	3	2	5	11	3	14	16	8	24
Nursery management													
Integrated Crop Management	7	14	21	35	21	14	35	77	21	98	112	56	168
Fodder production	1	2	3	5	3	2	5	11	3	14	16	8	24
Production of organic inputs	1	2	3	5	3	2	5	11	3	14	16	8	24
Others													
Post harvest technology	1	2	3	5	3	2	5	11	3	14	16	8	24
TOTAL (Crop production)	**17**	**34**	**51**	**85**	**51**	**34**	**85**	**187**	**51**	**238**	**272**	**136**	**408**
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops	2	10	0	10	10	0	10	28	0	28	48	0	48
Off season vegetables													
Nursery raising	1	5	0	5	5	0	5	14	0	14	24	0	24
Exotic vegetables like Broccoli	1	5	0	5	5	0	5	14	0	14	24	0	24
Export potential vegetables													
Grading and standardization	1	5	0	5	5	0	5	14	0	14	24	0	24
Protective cultivation (Green Houses, Shade Net etc.)	1	5	0	5	5	0	5	14	0	14	24	0	24
Others, if any													
TOTAL	**6**	**30**	**0**	**30**	**30**	**0**	**30**	**84**	**0**	**84**	**144**	**0**	**144**
b) Fruits													
Training and Pruning													
Layout and Management of Orchards	1	5	0	5	5	0	5	14	0	14	24	0	24
Cultivation of Fruit	1	5	0	5	5	0	5	14	0	14	24	0	24
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques	1	5	0	5	5	0	5	14	0	14	24	0	24
Others, if any													
TOTAL	**3**	**15**	**0**	**15**	**15**	**0**	**15**	**42**	**0**	**42**	**72**	**0**	**72**
c) Ornamental Plants													
Nursery Management													
Management of potted plants	1	5	0	5	5	0	5	14	0	14	24	0	24
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
TOTAL	**1**	**5**	**0**	**5**	**5**	**0**	**5**	**14**	**0**	**14**	**24**	**0**	**24**
d) Plantation crops													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
f) Spices													
Production and Management technology	1	5	0	5	5	0	5	14	0	14	24	0	24
Processing and value addition													
Others, if any													
TOTAL	**1**	**5**	**0**	**5**	**5**	**0**	**5**	**14**	**0**	**14**	**24**	**0**	**24**
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology	1	5	0	5	5	0	5	14	0	14	24	0	24
Post harvest technology and value addition													
Others, if any													
TOTAL	**1**	**5**	**0**	**5**	**5**	**0**	**5**	**14**	**0**	**14**	**24**	**0**	**24**
TOTAL (Horticulture)	**12**	**60**	**0**	**60**	**60**	**0**	**60**	**168**	**0**	**168**	**288**	**0**	**288**
III. Soil Health and Fertility Management													
Soil fertility management	1	1	1	2	2	2	4	14	4	18	17	7	24
Soil and Water Conservation													
Integrated Nutrient Management	3	3	3	6	6	6	9	42	12	54	51	21	72
Production and use of organic inputs	2	2	2	4	4	4	8	28	8	36	34	14	48
Management of Problematic soils	1	1	1	2	2	2	4	14	4	18	17	7	24
Micro nutrient deficiency in crops	1	1	1	2	2	2	4	14	4	18	17	7	24
Nutrient Use Efficiency	1	1	1	2	2	2	4	14	4	18	17	7	24
Soil and Water Testing	1	1	1	2	2	2	4	14	4	18	17	7	24
Others, if any													
Soil health management	2	2	2	4	4	4	8	28	8	36	34	14	48
TOTAL	**12**	**12**	**12**	**24**	**24**	**24**	**36**	**168**	**48**	**216**	**204**	**84**	**288**
IV. Livestock Production and Management													
Dairy Management	1	1	0	1	3	1	4	16	3	19	20	4	24
Poultry Management	1	1	0	1	3	1	4	16	3	19	20	4	24
Piggery Management	1	1	0	1	3	1	4	16	3	19	20	4	24
Rabbit Management													
Disease Management	1	1	0	1	3	1	4	16	3	19	20	4	24
Feed management	1	1	0	1	3	1	4	16	3	19	20	4	24
Production of quality animal products													
Others, if any (Goat farming)													
Duck cum fish farming	1	1	0	1	3	1	4	16	3	19	20	4	24
Fodder conservation	1	1	0	1	3	1	4	16	3	19	20	4	24
Vaccination	1	1	0	1	3	1	4	16	3	19	20	4	24
Fodder production & development	1	1	0	1	3	1	4	16	3	19	20	4	24
Milk production	1	1	0	1	3	1	4	16	3	19	20	4	24
Control of ecto parasite	1	1	0	1	3	1	4	16	3	19	20	4	24
Goat management	1	1	0	1	3	1	4	16	3	19	20	4	24

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
TOTAL	**12**	**12**	**0**	**12**	**36**	**12**	**48**	**192**	**36**	**570**	**240**	**48**	**288**
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	1	0	3	3	0	1	1	0	18	18	0	22	22
Design and development of low/minimum cost diet	1	0	3	3	0	2	2	0	19	19	0	24	24
Designing and development for high nutrient efficiency diet	1	0	3	3	0	2	2	0	19	19	0	24	24
Minimization of nutrient loss in processing	1	0	3	3	0	2	2	0	19	19	0	24	24
Gender mainstreaming through SHGs	1	0	3	3	0	2	2	0	19	19	0	24	24
Storage loss minimization techniques	1	0	3	3	0	2	2	0	19	19	0	24	24
Enterprise development													
Value addition	1	0	3	3	0	2	2	0	19	19	0	24	24
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies	1	0	3	3	0	2	2	0	19	19	0	24	24
Rural Crafts													
Capacity building													
Women and child care	1	0	3	3	0	2	2	0	19	19	0	24	24
Others, if any													
Group dynamics	1	0	3	3	0	2	2	0	19	19	0	24	24
TOTAL	**10**	**0**	**30**	**30**	**0**	**19**	**19**	**0**	**189**	**189**	**0**	**238**	**238**
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems	1	2	3	5	3	2	5	12	3	15	17	8	25
Use of Plastics in farming practices	1	2	3	5	3	2	5	12	3	15	17	8	25
Production of small tools and implements	1	2	3	5	3	2	5	12	3	15	17	8	25
Repair and maintenance of farm machinery and implements	1	2	3	5	3	2	5	12	3	15	17	8	25
Small scale processing and value addition	1	2	3	5	3	2	5	12	3	15	17	8	25
Post Harvest Technology	1	2	3	5	3	2	5	12	3	15	17	8	25
Others, if any													
Farm mechanization	1	2	3	5	3	2	5	12	3	15	17	8	25
Soil and water conservation	1	2	3	5	3	2	5	12	3	15	17	8	25
Rain water harvesting	1	2	3	5	3	2	5	12	3	15	17	8	25
TOTAL	**9**	**18**	**27**	**45**	**27**	**18**	**45**	**108**	**27**	**135**	**153**	**72**	**225**
VII. Plant Protection													
Integrated Pest Management	4	12	16	28	12	12	24	32	12	44	56	40	96
Integrated Disease Management	1	3	4	7	3	3	6	8	3	11	14	10	24
Bio control of pests and diseases	1	3	4	7	3	3	6	8	3	11	14	10	24
Production of bio control agents and bio pesticides	1	3	4	7	3	3	6	8	3	11	14	10	24
Others, if any													
Bee Keeping	1	3	4	7	3	3	6	8	3	11	14	10	24
Lac cultivation	1	3	4	7	3	3	6	8	3	11	14	10	24
Seed Treatment	1	3	4	7	3	3	6	8	3	11	14	10	24
TOTAL	**10**	**30**	**40**	**70**	**30**	**30**	**60**	**80**	**30**	**110**	**140**	**100**	**240**
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
TOTAL													
IX. Production of Inputs at site													
Seed Production													
Planting material production	1	3	4	7	3	3	6	8	3	11	14	10	24
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production	1	3	4	7	3	3	6	8	3	11	14	10	24
Vermi-compost production	1	3	4	7	3	3	6	8	3	11	14	10	24
Organic manures production													
Production of fry and fingerlings	1	3	4	7	3	3	6	8	3	11	14	10	24
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
TOTAL	**4**	**12**	**16**	**28**	**12**	**12**	**24**	**32**	**12**	**44**	**42**	**40**	**96**
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs	1	3	4	7	3	3	6	8	3	11	14	10	24
Mobilization of social capital	1	3	4	7	3	3	6	8	3	11	14	10	24
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
TOTAL	**2**	**6**	**8**	**14**	**6**	**6**	**12**	**16**	**6**	**22**	**28**	**20**	**48**
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems	1	3	4	7	3	3	6	8	3	11	14	10	24
TOTAL	**1**	**3**	**4**	**7**	**3**	**3**	**6**	**8**	**3**	**11**	**14**	**10**	**24**
XII. Others (Pl. Specify)													
TOTAL	**89**	**187**	**188**	**375**	**249**	**158**	**395**	**959**	**402**	**1703**	**1381**	**748**	**2143**

Rural youth

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	2	0	10	10	0	0	0	0	30	30	0	40	40
Bee keeping	2	10	4	14	8	4	12	10	4	14	28	12	40
Integrated farming													
Seed production	2	4	0	4	2	0	2	20	4	24	26	4	30
Production of organic inputs	2	2	2	4	2	2	4	16	8	24	20	12	32
Planting material production													
Vermiculture	4	4	4	8	4	4	8	32	16	48	40	24	64
Sericulture													
Protected cultivation of vegetable crops	1	4	2	6	2	2	4	8	2	10	14	6	20
Commercial fruit production	1	4	2	6	2	2	4	8	2	10	14	6	20
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops	1	4	2	6	2	2	4	8	2	10	14	6	20
Training and pruning of orchards	1	4	2	6	2	2	4	8	2	10	14	6	20
Value addition	2	0	10	10	0	0	0	0	30	40	0	40	40
Production of quality animal products													
Dairying	1	4	0	4	3	0	3	10	3	13	17	3	20
Sheep and goat rearing	1	1	0	1	3	2	5	12	2	14	16	4	20
Quail farming													
Piggery	1	1	0	1	3	2	5	12	2	14	16	4	20
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets	1	6	0	6	2	0	2	12	0	12	20	0	20
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Small scale processing													
Post Harvest Technology	1	4	2	6	2	2	4	8	2	10	14	6	20
Tailoring and Stitching	1	0	5	5	0	5	5	0	5	5	0	15	15
Rural Crafts													
Enterprise development	1	0	5	5	0	0	0	0	15	0	0	20	20
Backyard poultry farming	1	10	0	10	0	0	0	8	2	10	18	2	20
Fish cum duck farming	1	1	0	1	3	2	5	12	2	14	16	4	20
Micro irrigation	6	3	1	4	0	0	0	58	34	92	61	35	96
Lac cultivation	2	10	4	14	8	4	12	10	4	14	28	12	40
Plant propagation technique	1	4	2	6	2	2	4	8	2	10	14	6	20
Bio pesticides	1	5	2	7	4	2	6	5	2	7	14	6	20
TOTAL	**37**	**85**	**59**	**144**	**54**	**39**	**93**	**265**	**175**	**435**	**404**	**273**	**677**

Extension functionaries

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	2	14	6	20	6	4	10	20	10	30	40	20	60
Integrated Pest Management													
Integrated Nutrient management	2	14	6	20	6	4	10	20	10	30	40	20	60
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs	1	0	10	10	0	5	5	0	15	15	0	30	30
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing	1	0	10	10	0	5	5	0	15	15	0	30	30
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Others if any													
knowledge up gradation of EF at block level													
TOTAL													

Proposed Plan under CFLD 2025-26

SN	Crop	Variety	Year of release	Area (ha)	No. of Demo
Oilseed					
1	Groundnut	K-1812	2020	80	200
2	Niger	Birsa Niger-3	2010	120	300
3	Mustard	BBM-1	2013	200	500
Total				**400**	**1000**

Proposed Plan under Model Pulses Village

Season	Crop	Area (ha)
Kharif	Blackgram (Variety – Kota Urd-4 & BAU-2)	200
	Redgram (Variety –Birsa Arhar-2 & Rajendra Arhar-2)	100
Total		**300**

Proposed Plan under MOV& DRMR-STC-FLD 2025-26

Season	Crop	Area (ha)
A. MOV on Oil seed		
Kharif	Groundnut (Variety K-1812)	50
Rabi	Mustard (Variety – BBM-1)	150
	Total	**200**
B. DRMR-STC-FLD		
Rabi	Mustard (Variety – BBM-1)	40
	Total	**40**
	Grand Total	**240**

3. Frontline demonstration to be conducted

Crop No. **: 01** **Crop** : **Rice** **Thrust Area** : Productive enhancement in Rice
Thematic Area : Integrated Crop Management **Season**: Kharif 25 **Farming Situation** : Rainfed

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Demonstration (Rs./ha)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Rice	0216	Variety – CR 320	1. No. of plant/m^2 2.Plant height (cm) 3. Yield (Q/ha) 4. BCR	Seed	1600	1200	0	0	2	3	3	0	5	3	8
2	Rice	02	Variety – MTU 1010	1. No. of effective tiller/m^2 2. Yield (Q/ha) 3. BCR	Seed	1600	1800	0	0	5	2	1	0	6	2	8
	Total	**4**						**0**	**0**	**7**	**5**	**4**	**0**	**11**	**5**	**16**

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field Day (Var-CR Dhan-320)	Production technology	02	VLWs, Sakhi mandal	01	OFF	0	0	30	20	05	05	35	25	60
Field Day (Var-MTU-1010)	Production technology	02		01	OFF	0	0	30	20	05	05	35	25	60

Crop No. : **02** **Crop** : **Rice** **Thrust Area** : Weed Management
Thematic Area : Farm Mechanization **Season**: Kharif 2024 **Farming Situation** : Rainfed

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Demonstration (Rs./ha)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Rice	01	Power weeder machine	1. Weed control efficiency (%) 2. No. of effective tiller/m^2 4. Yield (Q/ha) 5. BCR	Rice seed + Power weeder charge	1000	7600	0	0	1	2	0	0	1	2	3
	Total	**03**						**0**	**0**	**1**	**2**	**0**	**0**	**1**	**2**	**3**

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Power weeder	01	ATMA personal, BAO, Progressive farmer, Media, VLWs, Sakhi mandal	01	OFF	03	02	10	10	10	05	23	17	40

Crop No. : 03 **Crop** : Maize **Thrust Area** : Productivity enhancement in maize
Thematic Area : ICM **Season**: Kharif 2025 **Farming Situation** : Rainfed

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Demonstration (Rs./ha)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Maize	03	NK-30	1. No. of grain/cob 2. Plant population/m2 3.Length of cub (cm) 4. Yield (Q/ha) 5. BCR	Seed	3000	1000	0	0	6	2	0	0	6	2	8
	Total	**03**						**0**	**0**	**6**	**2**	**0**	**0**	**6**	**2**	**8**

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day on NK-30	ICM	01	ATMA personal, BAO, Progressive farmer, Media, VLWs, Sakhi mandal	01	OFF	03	02	10	10	10	05	23	17	40

Crop No. : 04 **Crop** : Ragi **Thrust Area** : Productivity enhancement in Ragi
Thematic Area : ICM **Season** : Kharif 2025 **Farming Situation** : Rainfed

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Demonstration (Rs./ha)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Ragi	16	Variety – BM-3 and Bio fortified variety	1. No. of plant/m^2 2. Plant height (cm) 3. Yield (Q/ha) 4. BCR	Seed	700	400	2	0	20	10	5	3	27	13	40
	Total	**16**						2	0	20	10	5	3	27	13	40

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day on BM-3	ICM	04	ATMA personal, BAO, Progressive farmer, Media, VLWs, Sakhi mandal	01	OFF	10	5	30	20	15	0	55	25	80

Crop No. **: 05** **Crop**: **Wheat** **Thrust Area**: Promotion of short duration high yielding variety
Thematic Area : ICM **Season**: Rabi 2025 **Farming Situation** : Irrigated

Sl. No	Crop & variety / Enterprises	Proposed Area (ha)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Demonstration (Rs./ha)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Wheat	6.0	Variety – DBW-187	1.No. of plant/m^2 2.Plant height (cm) 3.Length of spike 4. Yield (Q/ha) 5. BCR	Seed	4000	2000	0	0	10	0	0	05	20	5	15
2	Wheat	4.0	Variety- Birsa Gehun -4		Seed	1600	2000	0	0	5	0	0	05	0	0	10
	Total	**10**						**0**	**0**	**15**	**0**	**0**	**10**	**20**	**5**	**15**

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day on DBW-187	ICM	01	ATMA personal, BAO, Progressive farmer, Media, VLWs, Sakhi mandal	01	OFF	10	5	15	15	5	0	30	20	50
Field day on Birsa Gehun -4	ICM	01	ATMA personal, BAO, Progressive farmer, Media, VLWs, Sakhi mandal	01	OFF	10	5	15	15	5	0	30	20	50

Crop No. : **06** **Crop** : **Mango** **Thrust Area** : Productive enhancement in Mango
Thematic Area : Integrated Pest Management **Season**: Kharif 25 **Farming Situation** : Rainfed

Sl. No	Crop & variety / Enterprises	Proposed Area (ha)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Demonstration (Rs./ha)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Mango	05	Mango hopper Mgt	1. No. of hopper/panicile 2.No. of fruits / tree 3. Yield (Q/ha) 4. BCR	Imidacloprid, Acetamiprid & Spinosad	2000	1000	0	0	6	6	0	0	6	6	12
2	Mango	05	Fruit Fly Mgt	1. No. of fruit drop/plant 2.No. of fruits / tree 3. Yield (Q/ha) 4. BCR	Pheromone trap for fruit fly	1500	1000	0	0	6	6	0	0	6	6	12
3	Groundnut	05	Integrated Disease (Tikka) Mgt.	1. No. of pod/m2 2.No. of pod /plant 3. Yield (Q/ha) 4. BCR	Chlorothalonil	2000	1000	0	0	6	6	0	0	6	6	12
	Total	**10.0**						**0**	**0**	**18**	**18**	**0**	**0**	**18**	**18**	**36**

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field Day on Mango hopper Mgt	Production technology	01	VLWs, BTM, ATM, Sakhi mandal & farmers	01	OFF	0	0	20	10	05	05	25	15	40
Field Day on Fruit Fly Mgt	IPM	01	VLWs, BTM, ATM, Sakhi mandal & farmers	01	OFF	0	0	20	10	05	05	25	15	40
Field Day on Disease (Tikka) Mgt.	IDM	01	VLWs, BTM, ATM, Sakhi mandal & farmers	01	OFF	0	0	20	10	05	05	25	15	40

Crop No. : 7 **Crop** : Tomato **Thrust Area** : ICM
Thematic Area : ICM **Crop Season** : Kharif 2025 **Farming Situation** : Rainfed

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Demonstration (Rs./ha)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Tomato	02	Variety-Swarna Prakash	1. Wilting percentage 2. No. of fruit/plant 3. Yield (Q/ha) 4. BCR	Seed	6000	3000	0	0	5	3	2	0	7	3	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Commercial Tomato Cultivation	02	ATMA personal, BAO, Progressive farmer, Media, VLWs, Sakhi mandal	01	OFF	0	0	10	20	0	0	20	10	30

Crop No. : 8 **Crop** : Brood lac **Thrust Area** : IPM in lac
Thematic Area : IPM **Crop Season** :Kharif 2025 **Farming Situation** : Rainfed

Sl. No.	Crop & variety / Enterprises	No. of plants	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Demonstration (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Brood lac	50	Management of pest through bio-agent	1.Yield (Q/ha) 2. BCR	Insecticide	1000	500	0	0	5	2	2	2	7	4	11

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Brood lac treatment management	01	ATMA personal, BAO, Progressive farmer, Media, VLWs, Sakhi mandal	01	OFF	0	0	10	20	0	0	20	10	30

Crop No. : 9 **Crop** : Chilli **Thrust Area** : ICM
Thematic Area : ICM **Season** :Rabi 2024 **Farming Situation** : Rainfed

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Demonstration (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Chilli	1.0	Var- Swarna Arohi/ Swarna Apurva	1. Wilting % 2. Yield Q/ha) 3. BCR	Variety- Swarna Arohi/ Swarna Apurva	4500	500	0	0	2	1	2	0	4	1	5

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Promotion of Organic spices cultivation	02	ATMA personal, BAO, Progressive farmer, Media, VLWs, Sakhi mandal	01	OFF	0	0	10	20	0	0	20	10	30

Crop No. : 10 **Crop** : Wheat **Thrust Area** : Productivity enhancement in wheat
Thematic Area : Reclamation of soil **Season** : Rabi 2024 **Farming Situation** : Irrigated

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Demonstration (Rs./ha)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Wheat	0.4	Dolomite application	1. Soil pH, N,P,K 2. Yield (Q/ha) 3. BCR	Dolomite	1000	0	0	0	2	0	1	0	3	0	3

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Importance of dolomite application and method	1	Farmers	1	OFF	0	0	2	0	1	0	3	0	3

Crop No. **: 11** **Crop** : **Mustard** **Thrust Area** : RCT
Thematic Area : RCT **Season** :Rabi 2025 **Farming Situation** : Rainfed

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Demonstration (Rs./ha)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Mustard	2.0	Zero tillage machine	1.No. of effective tiller/m^2 2.No. of irrigation 3. Yield (q/ha) 4. B:C	Zero till machine & Seed	5350	3000	0	0	01	02	0	0	01	02	03

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field Day	Zero tillage	01	ATMA personal, BAO, Progressive farmer, Media, VLWs, Sakhi mandal	01	OFF	00	00	15	05	05	00	20	05	25

Crop No. **: 12** **Crop** **: Fodder** **Thrust Area**: Fodder production
Thematic Area : Fodder production **Season** : Kharif 2025 **Farming Situation** : Rainfed

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Demonstration (Rs./ha)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Maize	2	Variety	J-1006	Seed	2500	0	0	0	2	2	1	0	3	2	5
2	Rice bean	2	Variety	Vidhan-2	Seed	2500	0	0	0	2	2	1	0	3	2	5
	Total	**4**					**0**	**0**	**0**	**4**	**4**	**2**	**0**	**6**	**4**	**10**

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field Day	Importance of fodder	02	ATMA personal, BAO, Progressive farmer, Media, VLWs, Sakhi mandal	01	OFF	0	0	10	10	5	5	15	15	30

Enterprise No. : **01** **Animal** : **Backyard poultry** **Thrust Area** : Egg production
Thematic Area : Poultry management **Season** : Winter **Farming Situation** : Rainfed

Sl. No.	Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Backyard poultry	03 unit (each of 25 birds)	Breed – Divyayan red	1.No. of egg/year 2.Body weight gain (gm) 3. BCR	25 birds	2000	1000	-	-	-	1	-	-	-	1	1
2			Breed – Jharsheem		25 birds	2000	1000	-	-	-	1	-	-	-	1	1
3			Breed – Kadaknath		25 birds	2000	1000	-	-	-	-	-	1	-	-	1
	Total				**75 birds**			**0**	**0**	**0**	**2**	**0**	**1**	**0**	**2**	**3**

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Management of backyard poultry	01	ATMA personal, BAO, Progressive farmer, Media, VLWs, Sakhi mandal	01	OFF	0	2	10	5	3	4	13	11	24

Enterprise No. : **02** **Enterprise** : **Composite fish farming** **Thrust Area**: Promotion of composite fish farming
Thematic Area : Fish management **Season** : Rainy season **Farming Situation** : Rainfed

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Composite fish culture	05 ponds	Composite fish	Body weight (gm)	Fingerlings	5760	1200	0	0	0	05	0	05	0	10	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Fish management	1	ATMA personal, BAO, Progressive farmer, Media, VLWs, Sakhi mandal	01	OFF	0	1	10	8	3	1	13	12	25

Enterprise No. : 03 **Enterprise** : Mushroom **Thrust Area** : Mushroom cultivation and Nutritional Security
Thematic Area : Mushroom cultivation and Nutri garden **Season**: Rabi 2025 **Farming Situation** : Rainfed

Sl. No.	Enterprise	Proposed Area Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Mushroom	40 units 4 villages) each with 15 bundles	Oyester mushroom	Yield per bundle (kg)	Spawn	70.00/bundle	60.00/bundle	0	5	0	30	0	5	0	40	40
2	Nutritional Garden	20	Nutri garden	Production, Nutritive value	Seed, Vermicompost	Rs. 1000/unit	Rs. 600/unit	0	5	0	15	0	0	0	20	20

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Mushroom cultivation	02	ATMA personal, BAO, Progressive farmer, Media, VLWs, Sakhi mandal	01	OFF	0	10	0	170	0	20	0	200	200

Enterprise No. : 04 **Enterprise** : Vermiculture **Thrust Area** : Organic input production
Thematic Area : Vermiculture **Season** :Kharif, Rabi & Zaid **Farming Situation** : Rainfed

Sl. No.	Enterprise	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)/Bed			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Vermiculture	50000 no. (20 SHG/ Farmers in 05 villages)	Worms	Yield	Worms	1200	0	0	0	2	15	3	0	5	15	20

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Vermicompost production technology	1	Farmers	5	ON	0	0	2	15	3	0	5	15	20

2. a) Seed and planting material production by utilization of instructional farm (Crops / Enterprises)

Name of the Crop / Enterprise	Variety / Type	Period	Area (ha.)	Details of Production				
				Type of Produce	Expected Production (quintals)	Cost of inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)
Seed Production								
Ragi	BM-03	July 25-Nov 25	1.0	Seed	12.0	24000.00	48000.00	24000.00
Rice	Swarna Shreya	July 25 – Nov 25	0.4	Seed	12.0	18000.00	36000.00	18000.00
Rice	MTU-1010	July 25 – Dec 25	2.0	Seed	80.0	90000.00	160000.00	70000.00
Niger	Birsa Niger-3	Aug 25 – Nov 25	3.0	Seed	7.0	45000.00	56000.00	26000.00
Mustard	BBM-1	Oct 25- March 26	1.0	Seed	12.0	35000.00	72000.00	37000.00
Wheat	DBW-187	Nov 25 – April 26	1.0	Seed	30.0	45000.00	75000.00	30000.00
Sesasme	GT-5	June 25 – Oct 25	0.4	Seed	2.0	10000.00	20000.00	10000.00
Tomato	Swarna Prakash	July 25 – Dec 25	0.02	Seed	0.05	1500.00	2000.00	500.00
Brinjal	Swarna Shyamali, RCBR-22	July 25 – Dec 25	0.02	Seed	0.05	1500.00	2000.00	500.00
Chilli	Nagin, Swarna Aarohi	July 25 – Dec 25	0.02	Seed	0.05	1500.00	2000.00	500.00
Yam	Gajendra	April 25 – Jan 26	0.12	Seed	10.0	30000.00	50000.00	20000.00
Ginger	Nadia	April 25 – Jan 26	0.05	Seed	2.5	8000.00	12500.00	4500.00
Turmeric	Rajendra Sonia	April 25 – Jan 26	0.01	Seed	1.0	5500.00	9000.00	3500.00
		Total	**9.04**		**168.65**	**315000.00**	**544500.00**	**244500.00**
Fruit Production								
Lemon	Kagji	April 25 – Mar 26	0.04	Fruit	1000 no	2500.00	5000.00	2500.00
Orange	Nagpur Santra	Dec 25 – Jan 26	0.14	Fruit	1.0 q	2500.00	5000.00	2500.00
Mango	Amrapali, Himsagar, Langra	Jan 25 – Aug 25	3.40	Fruit	82.0 q	40000.00	160000.00	120000.00
		Total	**3.58**		**1000 no 83.0 q**	**45000.00**	**170000.00**	**125000.00**

Name of the Crop / Enterprise	Variety / Type	Period	Area (ha.)	Details of Production				
				Type of Produce	Expected Production (nos)	Cost of inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)
Planting materials & Seedlings								
Vegetables								
Tomato	Swarna Prakash	May 25 – July 25 Sep 25 – Oct 25		Seedling	15000	8000.00	15000.00	7000.00
Brinjal	Swarna Shyamali, RCBR -22	May 25 – July 25		Seedling	15000	8000.00	15000.00	7000.00
Chilli	Nagin, Swarna Arohi	May 25 – July 25 Sep 25 – Oct 25		Seedling	20000	9000.00	20000.00	11000.00
Bottle gourd	Anokhi	April 25		Seedling	500	1000.00	2500.00	1500.00
Total (Veg)					**50500.00**	**26000.00**	**52500.00**	**26500.00**
Fruits								
Mango	Amrapali, Langra	July 25-Aug 25	0.08	Sapling	2000	60000.00	160000.00	100000.00
Mango	Local	June 25-Aug 25	0.03	Mango root stock	5000	20000.00	50000.00	30000.00
Guava	L-49	June 25-July 25	0.002	Sapling	500	10000.00	25000.00	15000.00
Pear	Netarhat selection	Dec 25– Jan 26	0.006	Sapling	500	5000.00	10000.00	5000.00
Jackfruit	Local	July 25 – Aug 25	0.006	Seedling	500	5000.00	10000.00	5000.00
Papaya	Ranchi Papaya	May 25- July 25	0.0015	Plant	1000	10000.00	20000.00	10000.00
Total (Fruits)			**0.06**		**9500**	**110000.00**	**275000.00**	**165000.00**
Fodder								
Napier	Pusa Jayant	July 25– Aug 25	0.06	Slip	6000 no.	2000.00	6000.00	4000.00
Total (Fodder)					**6000 no**	**2000.00**	**6000.00**	**4000.00**
Flower								
Marigold	Pusa Narangi	July 25– Aug 25	0.0002	Seedling	1000 no.	600.00	2000.00	1400.00
Bougainvillea		July 25– Aug 25	0.0001	Slip	500 no.	2000.00	5000.00	3000.00
Total (Flower)			**0.0003**		**1500 no**	**2600.00**	**7000.00**	**4400.00**

Name of the Crop / Enterprise	Variety / Type	Period	Area (ha.)	Details of Production				
				Type of Produce	Expected Production (nos)	Cost of inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)
Medicinal								
Lemongrass	Krishna	July 25– Aug 25	0.002	Slip	2000	1000.00	2000.00	2000.00
Tulsi	Kali Tulsi	July 25– Aug 25	0.002	Seedling	500	300.00	1000.00	700.00
Total (Medicinal)			**0.004**		**2500**	**1300.00**	**3000.00**	**2700.00**
Forest								
Neem	Local	July 25– Aug 25	0.002	Seedling	500	2000.00	5000.00	3000.00
Karipatta		July 25– Aug 25	0.002	Seedling	500	2000.00	5000.00	3000.00
Total (Forest)			**0.004**		**1000**	**4000.00**	**10000.00**	**6000.00**

Name of the Crop / Enterprise	Variety / Type	Period	Area (ha.)	Details of Production				
				Type of Produce	Expected Production (q)	Cost of inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)
Vegetables production at farm								
Kharif								
Chilli	Nagin, Swarna Apurva	June 24-Aug 24	0.10	Green fruit	9.00	9000.00	25500.00	16500.00
Okra	Arka Anamika	May 24 – June 24	0.10	Green fruit	8.00	4000.00	12000.00	8000.00
Bitter gourd	Long green	April 24 – June 24	0.05	Green fruit	2.00	1500.00	8125.00	6625.00
		Total (Kharif)	**0.25**		**19.0**	**14500.00**	**45625.00**	**31125.00**
Rabi								
Cabbage	Golden acre	Oct 24-Dec 24	0.10	Leafy vegetables	22.5	7500.00	19000.00	11500.00
Tomato	Swarna lalima	Oct 24-Dec 24	0.10	Green fruit	15.0	7000.00	22000.00	15000.00
Brinjal	VNR-258, 212	Nov 24- Dec 24	0.05	Green fruit	7.5	3700.00	10200.00	6500.00
		Total (Rabi)	**0.25**		**45.0**	**18200.00**	**51200.00**	**33000.00**
Summer								
Bitter gourd	Long green	Jan 24 – March 25	0.05	Green fruit	3.00 q	2000.00	7500.00	5500.00
Bottle gourd	Anokhi	Jan 24 – March 25	0.05	Green fruit	2.00 q	1500.00	5250.00	3750.00
Okra	Arka anamika, Mahyco-10	Jan 24 – March 25	0.10	Green fruit	5.00 q	4000.00	10500.00	6500.00
Tomato	Swarna Kanchan	Jan 24 – March 25	0.10	Green fruit	9.00 q	6000.00	19500.00	13500.00
Chilli	Syam Hot, Swarna Arohi	Jan 24 – March 25	0.10	Green fruit	7.00 q	9000.00	20000.00	11000.00
		Total (Summer)	**0.40**		**26.0**	**22500.00**	**62750.00**	**40250.00**
		Total vegetables	**0.90**		**90.0**	**55200.00**	**159575.00**	**104375.00**

Name of the Crop / Enterprise	Variety / Type	Period	Area (ha.)	Details of Production				
				Type of Produce	Expected Production (q)	Cost of inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)
Enterprise								
Vermicompost	Compost	April 25- March 26	185 sq ft	Compost	200 Q	110000.00	240000.00	130000.00
Worm	Culture	April 25- March 26	185 sq ft	Culture	30000 no	3000.00	15000.00	12000.00
Jeevamrut		April 25- March 26		Pesticide	10000 liter	50000.00	150000.00	100000.00
Neemastra		April 25- March 26		Pesticide	1000 liter	10000.00	25000.00	15000.00
Dasparni				Pesticide	1000 liter	10000.00	25000.00	15000.00
Agneyastra		April 25- March 26		Pesticide	100 liter	2000.00	3000.00	1000.00
Azolla		April 25- March 26	300 sq ft		3.0 q	1000.00	3000.00	2000.00
Mushroom Spawn	Oyster	Aug 25– Dec 25		Spawn	2.0 q	19200.00	30000.00	10800.00
Duck	Khakhi campbell	April 25- March 26	1500 sq ft	Egg	300 no.	1400.00	2400.00	1000.00
Pig	T&D	April 25- March 26	3600 sq ft	Piglet	50 no.	138000.00	250000.00	12000.00
Goat	Black Bangal	April 25- March 26	0.30 ha	Kids	15 no.	46000.00	90000.00	44000.00
Miscellaneous work		April 25- March 26				50000.00		
				Total	**30365 no 12100 ltr 205.0 q**	**440600.00**	**833400.00**	**392800.00**
				Grand Total	**101345 no 12100 ltr 528.65 q**	**1029700.00**	**2115975.00**	**1086275.00**

b) Natural Farming Unit at Salam Farm (2025-26)
Area : 0.14ha.

Season	Crop (Variety/Type)	Period	Area (ha.)	Type of Produce	Expected production (q.)	Cost of inputs (Rs.)	Cost of input/ha (Rs.)	Expected gross income (Rs.)	Expected net income (Rs.)	B:C
Kharif-25	Rice (Swarna Shreya)	June 25 – Nov 25	0.14	C/F Seed	4.2	6300	45000	14700	8400	2.33
Rabi - 25	Wheat (DBW-187)	Dec 25-Mar 26	0.14	C/F Seed	4.5	6300	45000	18000	11700	2.85
Zayed 26	Til (Kanke safed)	April 26-June26	0.14	C/F Seed	0.65	3990	28500	5200	1210	1.3

c) Participatory Seed Production Programme (2025-26)

Name of the Crop / Enterprise	Variety / Type	Period	Area (ha.)	No. of farmers	Details of Production	
					Type of Produce	Expected Production(q)
Rice	CR Dhan-320	Kharif 25	02	06	Certified	70
Rice	MTU-1010	Kharif 25	03	20	Certified	36
Ragi	BM-3	Kharif 25	02	06	T/S	25
Wheat	DBW-187	Rabi 25	02	15	Certified/ TL	50
Mustard	BBM-1	Rabi 25	02	05	Certified	20
		Total	**16**	**72**		**201**

3. Extension Activities

Sl. No.	Activities/ Sub activities	No. of activities proposed	Farmers				Extension Officials			Total		
			M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
1.	Field Day	30	400	350	750	85	20	10	30	420	360	780
2.	Kisan Mela	02	400	200	600	80	08	02	10	408	202	610
3.	Kisan Ghosthi	24	320	400	720	80	20	04	24	340	404	744
4.	Exhibition	02	250	28	278	80	12	10	22	262	38	300
5.	Film Show	12	180	60	240	82	-	-	-	180	60	240
6.	Method Demonstrations	06	80	40	120	80	06	00	06	86	40	126
7.	Farmers Seminar	01	60	40	100	85	02	01	03	62	41	103
8.	Block level Workshop (Kharif & Rabi)	12	250	110	360	70	24	05	29	274	115	389
9.	FPO Group Meetings	06	100	80	180	85	06	02	08	106	82	188
10.	Advisory Services	120	850	350	1200	80	--	--	--	850	350	1200
11.	Scientific Visit To Farmers Field	120	1000	200	1200	85	--	--	--	1000	200	1200
12.	Farmers Visit to KVK	240	700	500	1200	80	--	--	--	700	500	1200
13.	Diagnostic Visits	14	300	120	420	95	05	--	05	305	120	425
14.	Exposure Visits	01	10	10	20	95	--	--	--	10	10	20
15.	Ex-Trainees Sammelan	02	60	40	100	92	02	--	02	60	42	102
16.	Soil Health Camp	05	126	100	226	90	--	--	--	126	100	226
17.	Animal Health Camp	06	100	80	180	80	02	--	02	102	80	182
18.	Farmers School Members Meet (with ATMA)	12	300	80	380	90	06	02	08	306	82	388
19.	Mahila Mandals Conveners meetings	05	--	180	180	85	--	02	02	--	182	182
20.	Millets Awareness Programme	12	200	160	360	80	5	3	8	205	163	368
21.	Natural Farming Awareness Programme	12	250	110	360	90	5	--	05	255	110	365
	Celebration of important days (specify)											
22.	Swatchta Action Plan Programme (Abhiyan)	12	200	40	240	90	02	--	02	202	40	242
	Any Other (Specify)											
23.	Clinical Service	12	200	40	240	80	--	--	--	200	40	240
24.	Vaccination Camp	12	100	20	120	85	--	--	--	100	20	120
25.	Self Help Group Conveners Meeting	04	--	80	80	90	--	--	--	--	80	80

Sl. No.	Activities/ Sub activities	No. of activities proposed	Farmers				Extension Officials			Total		
			M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
26.	Knowledge upgradation in village level school	10	200	100	300	85	-	-	-	200	100	300
27.	Mobile helpline	300	500	80	580	85	--			500	80	580
28.	SMS alert	12			291324							291324/ 24277
29.	Technology week	01	700	300	1000	80	10	5	15	710	305	1015
30.	Seed treatment campaign	02	60	40	100	80	05	03	08	65	43	108
31.	National Yuva Diwas (12 jan)	01	50	-	50	85	--	--	--	50	--	50
32.	Subash Chandra Bose Jayanti (23rd Jan)	01	25	25	50	90	--	--	--	25	25	50
33.	Republic day (26th January)	01	100	40	140	90	10	05	15	110	15	155
34.	National Science Day (28 feb)	01	50	50	100	90	--	05	10	55	55	110
35.	World Forestry Day (21 march)	01	50	50	100	90	05	05	10	55	55	110
36.	International Women's Day (8 march)	01	05	100	105	90	--	10	10	05	115	120
37.	World water day (22 march)	01	30	20	50	95	05	05	10	35	25	60
38.	World veterinary day (25 april)	01	80	20	100	95	03	02	05	83	23	106
39.	World environment day (5 june)	01	25	20	45	90	04	02	06	29	22	51
40.	ICAR foundation day (16th July)	01	50	45	95	85	02	02	04	52	49	99
41.	World Aadiwasi Diwas (9 Aug)	01	40	57	97	95	05	05	10	45	62	107
42.	Independence day (15th August)	01	100	45	145	85	05	05	10	105	50	155
43.	Parthenium Awareness week (16-22 Aug)	01	230	65	295	90	05	05	10	235	70	305
44.	Nutrition week (1-7 sep)	01	120	175	295	85	05	05	10	125	180	310
45.	Mahila Kisan Diwas (15 oct)	01	10	100	110	90	--	10	10	10	120	130
46.	World Food Day (16 Oct)	01	70	30	100	85	05	02	07	75	32	107
47.	World Soil Day (5 Dec)	01	100	90	190	87	05	02	107	105	92	197
48.	Jai Jawan Jai Kisan Jai Vigyan Jai Anusandhan Diwasn (23 Dec)	01	120	77	197	90	05	02	07	125	79	204
49.	Krishi Siksha Diwas (3 Dec)	01	100	100	200	85	05	05	10	110	110	220

OFT- 01

(Soil Science)

i.	**Season**	:	**Kharif 2025-26**
ii.	**Title of OFT**	:	**Assessment of Natural farming component on the yield of Ragi.**
iii.	**Problem diagnose**	:	Low yield of Ragi due to imbalanced nutrient management.
iv.	**Important Cause**	:	Imbalanced nutrient management.
v.	**Micro farming system**	:	Ragi-Fallow
vi.	**Technology for Testing**	:	**Natural Bio fertilizers**
vii.	**Existing Practice**	:	Imbalanced nutrient management.
viii.	**Hypothesis**	:	**Natural Bio fertilizers** may enhance soil fertility, yield and profitability.
ix.	**Objective**	:	To find out effective approaches of enhance Ragi productivity and soil fertility.
x.	**Farming situation**	:	Rainfed
xi.	**Details of technology selected for assessment/refinement**	:	TO_1 : 20q FYM + 50 kg DAP (23 kgP_2O_5 and 9 kg N)/ha. TO_2: 05 q/ha Ghan-jeevamrut as a basal dose + Seedling Treatment with Jeevamrut (100%)+ Two spray of Jeevamrut @ 5 & 10% at 25 and 45 days TO_3: 05 q/ha Ghan-jeevamrut as a basal dose + Seedling Treatment with Jeevamrut (100%) + Three spray of Jeevamrut @ 5, 10 and 20% at 15, 30 & 45 days
xii.	**Critical input**	:	1. Ragi seed 2. Jaggery 3. Besan
xiii.	**Source of technology**	:	TNAU, Coimbatore
xiv.	**Design**	:	RBD
xv.	**Replication**	:	10
xvi.	**Plot size**	:	20x20m^2 (in each technological option)
xvii.	**Each farmer plot size**	:	1200 m^2
xviii.	**Net plot size**	:	12000 m^2
xix.	**Unit cost**	:	Rs. 265.00 (Critical input)
xx.	**Total Cost**	:	Rs.2650.00 (Only Critical input)
xxi.	**Production system and thematic area**	:	Rice based production system & INM
xxii.	**Performance of technology with performance indicator**		➢ Soil fertility (Before & after, pH, EC, OC, NPK) ➢ Plant population/m^2 ➢ Plant height (cm) ➢ Yield (q/ha) ➢ B:C

OFT- 02
(Soil Science)

i.	**Season**	:	Rabi 2025-26
ii.	**Title of OFT**	:	**Assessment of Nutrient management on the yield of Onion.**
iii.	**Problem diagnose**	:	Low productivity of Onion
iv.	**Important cause**	:	Imbalanced nutrient management.
v.	**Micro farming system**	:	Blackgram - Onion
vi.	**Technology for testing**	:	Integrated Nutrient Management
vii.	**Existing practices**	:	Imbalanced Nutrient Management
viii.	**Hypothesis**	:	Natural farming component may enhance onion yield and soil fertility
ix.	**Objective**	:	To find out effective approaches to enhance onion productivity and soil fertility
x.	**Farming situation**	:	Irrigated
xi.	**Details of technology selected for assessment/refinement**	:	**TO_1: FYM 200q/ha. + DAP 75 kg (34.5 kgP_2O_5 and 13.5 kg N)/ha at time of Puddling.** **TO_2 : FP+ PSB 5 kg/ha.(Soil application) + Recommended dose of Potash (60 kg/ha)** **TO_3: Ghanjeeva-mrut 5q/ha as a basal + Seedling treatment with Jeevamut (100%) + 200 Lit/ha Jeevamrut apply at time of Puddling + Three spray of Jeevamrit @ 5,10 and 15% at 20, 40 and 60 DAT**
xii.	**Critical input**	:	1. Onion seed 2. Jaggery 3. Besan 4. PSB 5. MOP
xiii.	**Source of technology**	:	TNAU, Coimbatore
xiv.	**Design**	:	RBD
xv.	**Replication**	:	10
xvi.	**Plot Size**	:	20 x 10 m^2 **Each farmer plot size :** 600 m^2
xvii.	**Net plot size**	:	6000 m^2
xviii.	**Unit cost (critical input)**	:	Rs. 800.00
xix.	**Total critical input cost**	:	Rs. 8000.00
xx.	**Production system and thematic area**	:	Rice based production and ICM
xxi.	**Performance of technology with performance indicator**	:	➢ Soil fertility (Before and after) ➢ Plant population/m^2 ➢ Plant height (cm) ➢ Bulb weight ➢ Yield (q/ha) ➢ Net return (Rs/ha) ➢ B:C ratio

OFT- 03
(Horticulture)

i.	**Season**	**:**	Kharif 2025
ii.	**Title of the OFT**	**:**	**Nutrient management in Kharif Potato**
iii.	**Problem diagnosed**	**:**	Low yield of Kharif Potato.
iv.	**Important Cause**	**:**	Imbalanced use of fertilizer
v.	**Micro farming system**	**:**	Mustard-Potato (Tanr Land)
vi.	**Technology for Testing**	**:**	Suitable doses of Bio Product
vii.	**Existing Practice**	**:**	FYM 200 q/ha + 30 kg N + 25 kg P
viii.	**Hypothesis**	**:**	Bio Product may enhance the bacteria and improve soil fertility
ix.	**Objective(s)**	**:**	Promotion of Bio product
x.	**Farming situation**	**:**	Rainfed
xi.	**Details of technology selected for assessment/refinement**	**:**	TO_1:FYM 200 q/ha + 30 kg N + 25 kg P (DAP-54 kg/ha, Urea 65 kg/ha)
		:	TO_2: RDF (150:80:120) NPK Kg/ha
		:	TO_3: Ghanjeevamruth @ 5 q/ha + Spraying of Jeevamruth @ 5% and 10% at 25 days and 45 days of Germination
xii.	**Critical Inputs**	**:**	Jeevamruth, Ghanjeevamruth
xiii.	**Source of Technology**	**:**	TNAU, Coimbatore & RKM Ranchi
xiv.	**Design**	**:**	RBD
xv.	**Replications**	**:**	10
xvi.	**Net plot size**	**:**	1125 m^2
xvii.	**Unit Cost**	**:**	Rs. 900.00
xviii.	**Total Cost**	**:**	Rs. 9000.00
xix.	**Production system and Thematic area**	**:**	Vegetables, Nutrient Management
xx.	**Performance of technology with performance indicator**	**:**	➢ Plant height (cm) ➢ No. of tuber/plant, ➢ Weight of per tuber (gm), ➢ Yield (Q/ha) ➢ Economics (Rs./ha)

OFT- 04
(Horticulture)

i.	**Season**	**:**	Perennial (2nd Year) 2025
ii.	**Title of the OFT**	**:**	**Intercropping in Mango Orchard**
iii.	**Problem diagnosed**	**:**	Low productivity and income.
iv.	**Important Cause**	**:**	Low income
v.	**Micro farming system**	**:**	Mango plantation
vi.	**Technology for Testing**	**:**	Suitable intercropping for cost effective production
vii.	**Existing Practice**	**:**	No intercropping
viii.	**Hypothesis**	**:**	Intercropping practices may enhance the per unit productivity, land use efficiency and income
ix.	**Objective(s)**	**:**	To increase cropping intensity and productivity of the orchard and enhance the soil fertility
x.	**Farming situation**	**:**	Rainfed
xi.	**Details of technology selected for assessment/refinement**	**:**	FP: Mango orchard without intercropping TO_1: Mango + Turmeric (1:10) TO_2: Mango + Elephant foot yam (1:5) TO_3: Mango + Ginger (1:10)
xii.	**Critical Inputs**	**:**	Seed
xiii.	**Source of Technology**	**:**	ICAR-FSRCHPR-Plandu, Ranchi
xiv.	**Design**	**:**	RBD
xv.	**Replications**	**:**	10
xvi.	**Net plot size**	**:**	1500 m^2
xvii.	**Unit Cost**	**:**	Rs. 1000.00
xviii.	**Total Cost**	**:**	Rs. 10000.00
xix.	**Production system and Thematic area**	**:**	Horticulture based Production system and ICM
xx.	**Performance of technology with performance indicator**	**:**	➢ Yield of Main crop (fruit crop) ➢ Yield of Intercrop ➢ Weed population ➢ Cost of cultivation ➢ Gross Income ➢ Net Income ➢ B:C ratio

OFT- 05
(Plant Protection)

i.	**Season**	:	**Kharif 2024**
ii.	**Title of OFT**	:	**Management of Pod borer in Pigeon pea.**
iii.	**Problem diagnose**	:	Pod borer leads lower yield in Pigeon pea
iv.	**Important Cause**	:	Pod borer complex
v.	**Micro farming system**	:	Maize/ Blackgram/ Redgram-Mustard/Wheat
vi.	**Technology for Testing**	:	Integrated pest management
vii.	**Existing Practice**	:	Chloropryphos @ 1-1.5 ml/liter of water
viii.	**Hypothesis**	:	Use of perfect dose and schedule may enhance yield
ix.	**Objective**	:	To enhance production and productivity of Pigeon pea through IPM
x.	**Farming situation**	:	Rainfed
xi.	**Details of technology selected for assessment/refinement**	:	TO_1 (Farmers practice (Application of Chlorpryphos 50% EC @ 1 lit/ha) TO_2 - Application of Chlorantraniliprole 18.5 SC @ 150 ml/ha at pod formation stage TO_3 –1st spray Indoxacarb 14.5 SC@ 250 ml/ha at 50% flowering and 2nd spray Imidacloprid 17.8 SL@ 400ml/ha at 15 days after 1st spray.
xii.	**Critical input**	:	Pesticides
xiii.	**Source of technology**	:	SAU Sabour, Releasing year-2020-21
xiv.	**Design**	:	RBD
xv.	**Replication**	:	10
xvi.	**Net plot size**	:	2000 sq. m.
xvii.	**Unit cost**	:	Rs. 1000.00
xviii.	**Total Cost**	:	Rs. 10000.00
xix.	**Production system and thematic area**	:	Rice based production system & IPM
xx.	**Performance of technology with performance indicator**		➢ Pest incidence %, ➢ % infected grain, ➢ Yield q/ha ➢ B:C

OFT- 06
(Plant Protection)

i.	**Season**	:	**Rabi 2024**
ii.	**Title of OFT**	:	**Management of leaf curl in Chilli**
iii.	**Problem diagnose**	:	Low yield
iv.	**Important Cause**	:	Chilli leaf curl virus
v.	**Micro farming system**	:	Maize/ Blackgram-Ragi/ Rice-Mustard
vi.	**Technology for Testing**	:	IDM
vii.	**Existing Practice**	:	Use of Imidacloprid @ 1 gm/ 3 liter of water
viii.	**Hypothesis**	:	Use of perfect dose & schedule may enhance yield
ix.	**Objective**	:	To increase production & productivity through IDM
x.	**Farming situation**	:	Rainfed
xi.	**Details of technology selected for assessment/refinement**	:	TO_1 – Foliar spray of Imidaclorprid 17.8 SL @ 1 gm/3 liter of water at 25-30 DAT TO_2 – Destruction of infected plants + foliar spray of Imidacloprid 17.8% SL @ 0.3 ml/lit of water at 25-30 DAT TO_3 - Seed treatment (Imidacloprid 17.8% SL @ 3 g/kg seed) + Seedling treatment (Imidacloprid 17.8% SL @ 0.3 ml/ lit of water) for 30 minutes + destruction of infected plants + foliar spray of Imidacloprid 17.8% SL @ 0.3 ml per lit of water at 25-30 DAT
xii.	**Critical input**	:	Pesticides
xiii.	**Source of technology**	:	IIVR Varanasi, Releasing year-2017
xiv.	**Design**	:	RBD
xv.	**Replication**	:	10
xvi.	**Net plot size**	:	600 sq.m
xvii.	**Unit cost**	:	Rs. 800.00
xviii.	**Total Cost**	:	Rs. 8000.00
xix.	**Production system and thematic area**	:	Rice based production system and IPM
xx.	**Performance of technology with performance indicator**		➢ Disease incidence % ➢ Yield loss % ➢ No. of fruit pen/plants ➢ Yield (Q/ha) ➢ B:C ratio

OFT – 07 (IInd Time)
(Agriculture Engineering)

i.	Season	Kharif 2025-26
ii.	Crop	Groundnut
iii.	Title of OFT	Assessment of effective weeding tools in groundnut cultivation
iv.	Problem diagnose	Manual weeding leads high cost of cultivation
v.	Important Cause	Severe weed infestation
vi.	Micro farming system	Rice - Mustard
vii.	Technology for testing	Three Tyne hoe (Grubber)
viii.	**Existing Practice**	Manual weeding
ix.	**Hypothesis**	Hand weeding contributing high cost of cultivation
x.	**Objective**	To find out the cost effective weeding method
xi.	Farming situation	Irrigation type-Rainfed, Season- Kharif, Previous crop- Mustard
xii.	Technology option selected for assessment	**TO_1 - Hand weeding (two times hand weeding at 25 and 45 DAS)** **TO_2 – Weeding with Three Tyne hoe (Grubber)** **TO_3 – Weeding with Rotary tiller (Manual)**
xiii.	**Critical input**	Three Tyne hoe and Rotary tiller
xiv.	Source of technology	CIAE, Bhopal
xv.	**Design**	RBD
xvi.	**Replication**	10
xvii.	**Net plot size**	1200 sq. m.
xviii.	**Unit cost**	Rs. 550/-
xix.	**Total Cost**	Rs. 5500/ha
xx.	**Production system and thematic area**	Crop based production system and Farm Mechanization
xxi.	**Performance of technology with performance indicator**	➢ Weed control efficiency (%), ➢ Weed Density/m^2 ➢ Yield (q/ha) ➢ B:C ➢ Farmer Perception

OFT – 8
(Agriculture Engineering) (IInd Time)

i.	Season	Rabi 2025-26
ii.	Crop	Chilli
iii.	Title of OFT	Assessment of Drip Irrigation methods on Chilli Cultivation
iv.	Main Problem	More no of irrigation leads high cost of cultivation
v.	Main causes	Maximum investment on irrigation
vi.	Micro farming system	Blackgram
vii.	Technology for testing	Double Row Crop with Single Lateral Line
viii.	**Existing Practice**	Ridge furrow
ix.	**Hypothesis**	Water saving technology may reduce the cost of production
x.	**Objective**	To find out the suitable water saving method
xi.	Farming situation	Irrigation type-Irrigated, Season- Rabi, Previous crop- Black gram
xii.	Technology option selected for assessment	**TO_1 - Furrow Irrigation (12 – 14 no of irrigation)** **TO_2 - Single Row Crop with Single Lateral Line and plastic mulching** **TO_3 - Double Row Crop with Single Lateral Line and plastic mulching**
xiii.	**Critical input**	Chilli seed
xiv.	Source of technology	IARI New Delhi
xv.	**Design**	RBD
xvi.	**Replication**	10
xvii.	**Net plot size**	1200 sq. m.
xviii.	**Unit cost**	Rs.700
xix.	**Total Cost**	Rs.7000.00
xx.	**Production system and thematic area**	Vegetable based production system and Water management
xxi.	**Performance of technology with performance indicator**	(i) **Technical :** Total volume of water used (m^3), Number of irrigation, Water use efficiency (kg/m^3) Yield (Q/ha) (ii) **Economic indicator** : B:C ratio (iii) **Farmer perception**

OFT- 9

Home Science

Title of On farm Trial (OFT)	**Assessment of moringa based paushtik roti to address anemia among adolescent girls.**
Problem diagnosed/addressed	Prevalence of anemia among adolescent girls**.**
Major Causes of the problem	i.Low utilization of moringa leaf due to lack of utilization technologies ii. Fatigue in work efficiency due to low hemoglobin
Thematic area	Health Management
Objective	To address anemia among adolescent girls.
Details of technologies selected for assessment	
Farmer practice	TO_1: Irregular intake of moringa leaves in diet
Treatment Options	TO_2: Moringa leaves powder (20g) in daily paushtik roti making (Ingredients: Wheat flour (80g) + Moringa leaves powder (20g) TO_3: Moringa leaves powder(20g) daily in paushtik roti making (Ingredients: Wheat flour (50g) + Ragi Flour (30g) + Moringa leaves powder (20g)
Source of Technology	BAU Ranchi
Performance indicator to be recorded	Technical Indicator: ➢ Organoleptic assessment of Parameters like Appearance, Colour, Flavour, Taste, Texture and overall acceptability will be evaluated. ➢ Haemoglobin and Physical examinations
Economic Indicator	Economic Indicator: Benefit Cost Ratio
No of respondents	30
Detail of critical input	Wheat flour, ragi flour and container for storage
Total cost of OFT	20000/-

OFT- 10

(Home Science)

Title of On farm Trial (OFT)	**Assessment of value addition technology of futkal leaf (Ficus Virens) in the form of instant soup mix for increasing the consumption span of futkal leaf.**
Problem diagnosed/addressed	Low utilization of Futkal leaf
Major Causes of the problem	Seasonal availability and lack of utilization technologies
Thematic area	Value Addition
Objective	To increase the consumption span of Futkal leaves
Details of technologies selected for assessment	
Farmer practice	TO_1: During season they use futkal for sag preparation only
Treatment Options	**TO_1:** Preparation of Futkal leaf based Instant Soup Mix (Ingredients: Futkal leaf powder, roasted lentil flour, corn flour, black paper powder, salt, red chilli powder, garlic powder, onion powder, cumin powder, sugar – 10:2:7:0.4:0.4:0.2:1:1.5:0.2:0.5) **TO_2:** Preparation of Futkal leaf and Moringa oleifera leaf based Instant Soup Mix (Ingredients: Futkal leaf powder, Moringa leaf powder, roasted lentil flour, corn flour, black paper powder, salt, red chilli powder, garlic powder, onion powder, cumin powder, sugar – 6:4:2:7:0.4:0.4:0.2:1:1.5:0.2:0.5)
Source of Technology	OUAT, Bhubaneswar
Performance indicator to be recorded	Organoleptic evaluation of formulated product on a nine-point hedonic scale ➢ Appearance ➢ Colour ➢ Flavour ➢ Taste ➢ Texture ➢ Consistency ➢ And overall acceptability
Economic Indicator	Economic Indicator: Benefit Cost Ratio
No of respondents	30
Detail of critical input	Raw Ingredients, container for storage, measuring spoon, sauce pan, soup bowl with spoon
Total cost of OFT	15000/-

OFT- 11

(Animal Husbandry)

i.	**Season**	**Kharif/ Rabi**
ii.	**Title of OFT**	**Assessment of different control practices of repeat breeding in cross breed cow**
iii.	**Problem diagnose**	Repeat breeding in cross breed cow
iv.	**Important Cause**	Improper & Imbalanced Feeding
v.	**Farming situation**	Agriculture + Animal Husbandry + Horticulture
vi.	**Micro Farming System**	-
vii.	**Technology for testing**	Animal Health Management
viii.	**Existing Practices**	Only grazing
ix.	**Hypothesis**	-
x.	**Objective**	-
xi.	**Details of technology selected for assessment/refinement**	TO_1 - Imbalanced ration + Once in year irregular deworming + 10 gm supplement of mixture TO_2 – Balanced ration + Regular deworming + 1st injection of Buserelin 20 ug (5ml) I/M, 6 hr before the AI and 2nd on day 12 hr after last insemination TO_3 – Balanced ration + Regular deworming (3 times in a year)
xii.	**Critical input**	Mineral Mixture, Dewormer, Buserelin inj.
xiii.	**Source of technology**	BASU Patna
xiv.	**Design**	RBD
xv.	**Replication**	10
xvi.	**Unit size**	
xvii.	**Unit cost**	Rs. 750
xviii.	**Total cost**	Rs. 13500
xix.	**Production system and thematic area**	Livestock production system and Animal Health management
xx.	**Performance of technology with performance indicator**	• Body score • No. of Animal come in estrous • B:C ratio • Farmers reaction

OFT- 12

(Animal Husbandry)

i.	**Season**	
ii.	**Title of OFT**	**Assessment of different feeding management practices on performance of body weight gain in Goat**
iii.	**Problem diagnose**	Low body weight gain
iv.	**Important Cause**	Poor feed management
v.	**Farming situation**	-
vi.	**Micro Farming System**	-
vii.	**Technology for testing**	Feed management
viii.	**Existing Practices**	Natural grazing
ix.	**Hypothesis**	-
x.	**Objective**	To evaluate the effect of feed supplementation on performance of body weight gain of Goat
xi.	**Details of technology selected for assessment/refinement**	**TO_1 - Grazing (Free grazing for 5-6 hrs)** **TO_2 – FP + Supplementation of 50 gm concentrate mixture/day/goat for 90 days)** **TO_3– FP + Mineral mixture @ 15 gm /day/goat for 90 days**
xii.	**Critical input**	Mineral mixture, Concentrate mixture, Vitamin
xiii.	**Source of technology**	W.B.U.A.F.S. Kolkata
xiv.	**Design**	RBD
xv.	**Replication**	
xvi.	**Unit size**	
xvii.	**Unit cost**	Rs 3000
xviii.	**Total cost**	Rs. 9000.00
xix.	**Production system and thematic area**	Livestock production and management, Feed Management
xx.	**Performance of technology with performance indicator**	• Initial body weight (in kg), • Weight gain after 30, 60 and 90 days of feeding (in kg), • Final body weight after 90 days (in kg)) • B:C ratio • Farmers reaction

10. List of Projects to be implemented by funding from other sources (other than KVK fund)

Sl. No.	Name of the project
1.	AICRP Niger FLD & Trial
2.	NICRA
3.	ARYA
4.	ASCI
5.	Nutri-Sensitive Agricultural Resources and Innovation (NARI)
6.	Farmer Producer Organization (FPO)
7.	Project of National Bee Keeping and Honey Mission under NBB
8.	Project under National Bamboo Mission
9.	CFLD on Mustard under DRMR project
10.	CFLD on Oilseed and Pulses

11. No. of success stories proposed to be developed with their tentative titles

SN	Title	Date
1	Lac cultivation	November 25
2	Bee keeping Changing the life farmers	October 25
3	Promotion of mustard cultivation become the boon among tribal farmer	December 25
4	Empowering women through cutting and tailoring	November 25
5	Mustard cultivation-A boon to farmers	January 25
6	Entrepreneurship through INM Training	November 25
7	Natural farming	October 25
8	Farm mechanization empowering youths	September 25
9	Impact of Drip irrigation system in tribal farming	August 25

12. Scientific Advisory Committee

Date of SAC meeting held during 2024-25	Proposed date during 2025-26
2/05/2025	09th March 2026

13. Soil and water testing

Details	No. of Samples	No. of Farmers									No. of Villages	No. of SHC to be distributed
		SC		ST		Other		Total				
		M	F	M	F	M	F	M	F	T		
Soil Samples (KVK)	600	12	01	375	82	107	23	494	106	600	65	1200
Soil Samples (District)	1000	10	-	678	250	50	12	738	262	1000	85	1000
Total	**1600**	**12**	**01**	**375**	**82**	**107**	**23**	**494**	**106**	**600**	**150**	**2200**

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