ANNUAL ACTION PLAN

APRIL 2022 – MARCH 2023

-: SUBMITTED BY :-

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Organization of this Report

This Action Plan of *Krishi Vigyan Kendra Gumla,* Vikas Bharti Bishunpur for the year 2022-23 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
6. Resource & Knowledge centre

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 : 7340	Rabi Maize :2000
Pulses : 24762	Gram : 12600
Oil Seeds : 8419	Lentil : 5500
Coarse cereals : 1790	Pea : 3200
	Mustard : 15300
	Linseed : 2800
	Safflower : 227
	Sun-Flower : 100

* 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.

a) Poor rainwater management

b) Knowledge gap in minor forest produce.

c) Improper use of fertilizer.

d) No proper marketing arrangement

e) Unavailability of Brood lac and product market management.

f) Fodder scarcity.

g) Poor access of agriculture schemes.

h) Poor storage facilities.

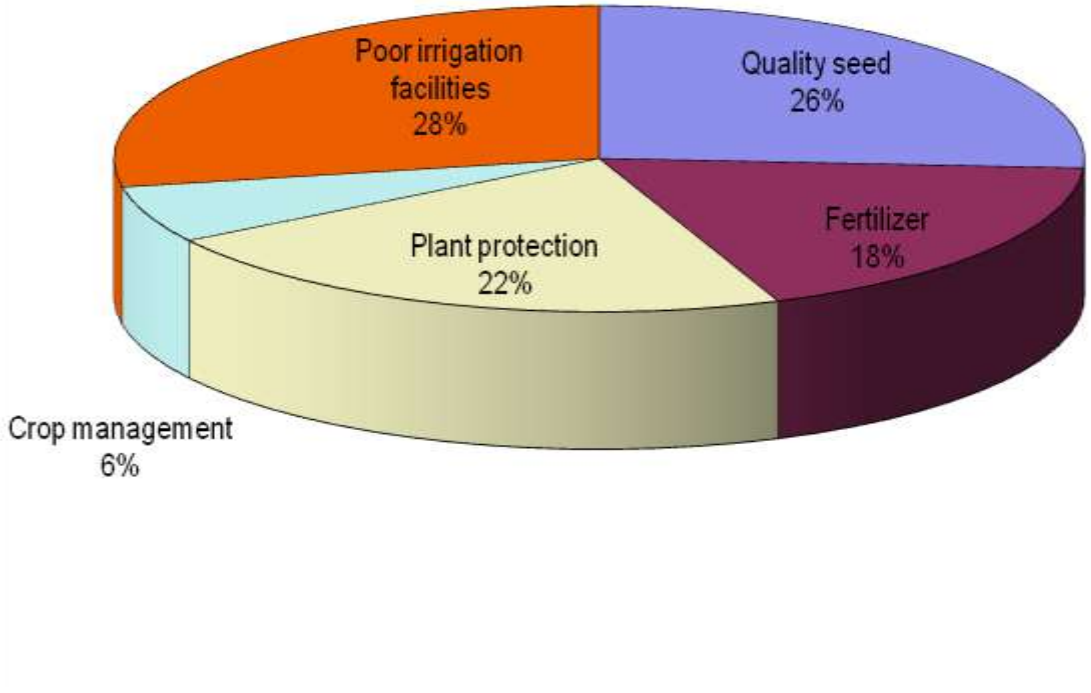
i) Indescript breed.

j) Generally monocropping due to poor irrigation facilities and open grazing.

k) Slow adoption of improved technology due to scare resources.

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

- **Women empowerment through skill development in ON and OFF farm activities.**
- **Water conservation and Micro irrigation programme implementation**
- **Soil Health Card**
- **Development of agri-based producer group and their market linkages**
- **Lac cultivation**
- **Animal health care and management**
- **Organic farming**
- **Integrated farming system**
- **Motivation for Crop insurance**

REVISED PROFORMA FOR

ACTION PLAN 2022-23

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 2022 to March 2023)

(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	21/04/22	3	2	11	3	2	3	16	8	24
Seed production	Seed Production	1	1	OFF	05/05/22	3	2	11	3	2	3	16	8	24
Integrated crop management	Rice, Maize, Millet production Technology	1	1	ON	09/06/22	3	2	11	3	2	3	16	8	24
Integrated crop management	Kharif pulses production technology	1	1	ON	07/07/22	3	2	11	3	2	3	16	8	24
Integrated crop management	Kharif Oilseeds production technology	1	1	OFF	14/07/22	3	2	11	3	2	3	16	8	24
Crop diversification	Crop diversification a strategies for profitable agriculture	1	1	ON	11/08/22	3	2	11	3	2	3	16	8	24
Weed management	Weed management in major crop	1	1	OFF	18/08/22	3	2	11	3	2	3	16	8	24
Integrated Farming system	Integrated Farming System	1	1	OFF	15/09/22	3	2	11	3	2	3	16	8	24
Integrated crop management	Pulses and oilseeds production technology for rabi crop	1	1	ON	13/10/22	3	2	11	3	2	3	16	8	24
Cropping system	Importance of cropping system	1	1	OFF	20/10/22	3	2	11	3	2	3	16	8	24
Fodder production	Fodder production technology	1	1	ON	10/11/22	3	2	11	3	2	3	16	8	24
Integrated crop management	Wheat production technology	1	1	OFF	17/11/22	3	2	11	3	2	3	16	8	24
Water Management (Micro irrigation system)	Efficient irrigation management for rabi crop	1	1	ON	08/12/22	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	15/12/22	3	2	11	3	2	3	16	8	24
Integrated Crop Management	Improved production technology of green gram	1	1	ON	12/01/23	3	2	11	3	2	3	16	8	24
Integrated crop management	Sugarcane production technology	1	1	OFF	09/02/23	3	2	11	3	2	3	16	8	24
Post harvest technology	Post harvest technology for Rabi crop.	1	1	OFF	09/03/23	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	21/04/22	5	0	14	0	5	0	24	0	24
Production and management technology of spices	Scientific cultivation of Turmeric & Ginger.	01	01	OFF	12/05/22	5	0	14	0	5	0	24	0	24
Production of low volume & high value crop	Cultivation of Kharif Onion & Potato	01	01	OFF	09/07/22	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	15/07/22	5	0	14	0	5	0	24	0	24
Protected Cultivation	Cultivation of vegetables in green house	01	01	ON	09/09/22	5	0	14	0	5	0	24	0	24
Exotic Vegetables	Cultivation of Broccoli	01	01	ON	13/10/22	5	0	14	0	5	0	24	0	24
Production of low volume & high value crop	Cultivation of winter vegetable.	01	01	ON	17/11/22	5	0	14	0	5	0	24	0	24
Grading and standardization	Importance of grading and standardizatio n of tomato and potato	01	01	ON	15/12/22	5	0	14	0	5	0	24	0	24
Cultivation of fruits	Cultivation of fruits	01	01	ON	12/01/23	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
Plant propagation technique	Grafting, Budding and Layering of fruit plants	01	01	OFF	19/01/23	5	0	14	0	5	0	24	0	24
Layout & management of orchard	Scientific management of Orchard.	01	01	OFF	12/02/23	5	0	14	0	5	0	24	0	24
Management of potted plants	Scientific management of ornamental & potted plants	01	01	ON	17/03/23	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	21/04/22	2	2	14	4	1	1	17	7	24
Soil health management	Soil health management and Correct method of soil sampling.	1	1	OFF	12/05/22	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	16/06/22	2	2	14	4	1	1	17	7	24
Integrated Nutrient Management	Balance use of fertilizers in Kharif crops	1	1	ON	14/07/22	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	17/08/22	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	15/09/22	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
Production and use of organic inputs	Use of rhizobium culture/ Azotobacter/ PSB	1	1	ON	20/10/22	2	2	14	4	1	1	17	7	24
Integrated Nutrient management	Fertilizer management in all Rabi crop (Wheat).	1	1	ON	17/11/22	2	2	14	4	1	1	17	7	24
Nutrient use efficiency	Methods of fertilizer application and lime management	1	1	OFF	15/12/22	2	2	14	4	1	1	17	7	24
Production & use of organic input	Preparation of vermicompost	1	1	ON	05/01/23	2	2	14	4	1	1	17	7	24
Soil health management	Soil health management and Correct method of soil sampling.	1	1	ON	09/02/23	2	2	14	4	1	1	17	7	24
Soil fertility management	Soil fertility management through INM	1	1	OFF	09/03/23	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	15/04/22	3	1	16	3	1	0	20	4	24
Feed management	Feed management of newly born calf	1	1	OFF	07/05/22	3	1	16	3	1	0	20	4	24
Duck cum fish farming	Duck farming/ Fish farming	1	1	ON	07/06/22	3	1	16	3	1	0	20	4	24
Fodder conservation	Hey and silage making	1	1	ON	02/07/22	3	1	16	3	1	0	20	4	24
Vaccination	Importance of vaccination in animal	1	1	OFF	23/07/22	3	1	16	3	1	0	20	4	24
Fodder production & development	Importance of green fodder production in dairy farming	1	1	ON	03/08/22	3	1	16	3	1	0	20	4	24
Milk production	Clean milk production	1	1	ON	02/09/22	3	1	16	3	1	0	20	4	24
Piggery	Pig farming & management	1	1	OFF	04/10/22	3	1	16	3	1	0	20	4	24
Dairy management	Management of dairy animal	1	1	ON	02/11/22	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
Disease management	Weather based disease management programme (Summer, Winter, Rainy)	1	1	ON	02/12/22	3	1	16	3	1	0	20	4	24
Control of ecto parasite	Prevention and treatment of ecto parasite	1	1	OFF	05/01/23	3	1	16	3	1	0	20	4	24
Goat management	Balanced animal feed	1	1	ON	10/01/23	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	08/04/22	0	1	0	18	0	3	0	22	22
Design and development of high nutrient efficiency diet	Importance of balance diet	1	1	OFF	12/05/22	0	2	0	19	0	3	0	24	24
Value addition	Value added products of Rice	1	1	OFF	10/06/22	0	2	0	19	0	3	0	24	24
Group Dynamics	Empowerment of women through SHG	1	1	OFF	08/07/22	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	10/08/22	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	11/09/22	0	2	0	19	0	3	0	24	24
Gender mainstreaming through SHGs	Capacity building of SHGs	1	1	ON	15/10/22	0	2	0	19	0	3	0	24	24
Storage loss minimization techniques	Storage techniques for cereals and pulses	1	1	ON	17/11/22	0	2	0	19	0	3	0	24	24
Women and child care	Women and child care	1	1	ON	14/12/22	0	2	0	19	0	3	0	24	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
Design & development of low/minimum cost diet	Importance of millet in dietary system	1	1	ON	08/02/23	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	10/04/22	3	3	8	3	3	4	14	10	24
Integrated disease management	Integrated disease management of the major rainy vegetables	1	1	OFF	10/05/22	3	3	8	3	3	4	14	10	24
Lac cultivation	Lac cultivation	1	1	OFF	08/06/22	3	3	8	3	3	4	14	10	24
Integrated Pest management	Management of insect pest and disease in major kharif crop	1	1	OFF	08/07/22	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 (urd, arhar) through Bio pesticide	1	1	ON	11/08/22	3	3	8	3	3	4	14	10	24
Production of bio pesticides	Techniques of bio pesticides production and their uses	1	1	OFF	11/09/22	3	3	8	3	3	4	14	10	24
Integrated Pest management	Management of insect pest & disease in rabi vegetables	1	1	ON	15/10/22	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	10/11/22	3	3	8	3	3	4	14	10	24
Bee keeping	Management of Bee hives	1	1	OFF	14/12/22	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 Pest management	Control of storage grain pest	1	1	OFF	08/02/23	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	OFF	21/05/22	3	2	12	3	2	3	17	8	25
Post harvest Technology	Maintenance of thresher machine and its use	1	1	OFF	03/06/22	3	2	12	3	2	3	17	8	25
Rain Water Harvesting	Development of Rain Water Harvesting Structure	1	1	OFF	22/07/22	3	2	12	3	2	3	17	8	25
Use of plastic in farming system	Importance of plastic in farming system	1	1	ON	26/08/22	3	2	12	3	2	3	17	8	25
Small scale processing and value addition	Small scale processing and value addition	1	1	OFF	22/09/22	3	2	12	3	2	3	17	8	25
Micro Irrigation System	Care and maintenance of Micro irrigation system	1	1	ON	20/10/22	3	2	12	3	2	3	17	8	25
Production of small tools and equipments	Production of small tools in agriculture	1	1	OFF	17/11/22	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	OFF	19/01/23	3	2	12	3	2	3	17	8	25
Soil & Water Conservation	Different conservation technique of soil erosion	1	1	OFF	23/02/23	3	2	12	3	2	3	17	8	25
Total		**09**	**09**			**27**	**18**	**108**	**27**	**18**	**27**	**153**	**72**	**225**

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
VIII. PRODUCTION OF INPUT AT KVK FARM														
Planting material production	Planting material production	1	1	ON	27/05/22	3	3	8	3	3	4	14	10	24
Bio fertilizer production	Bio fertilizer production	1	1	ON	10/06/22	3	3	8	3	3	4	14	10	24
Vermicompost production	Vermicompost production	1	1	ON	11/07/22	3	3	8	3	3	4	14	10	24
Production of fry and fingerlings	Production of fry and fingerlings	1	1	ON	16/08/22	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	July 22	3	3	8	3	3	4	14	10	24
Mobilization of social capital	Mobilization of social capital	1	1	OFF	Oct 22	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	Aug 22	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	ON	10-14/05/22	1	0	10	2	2	0	13	2	15
Seed production	Wheat seed production technology	1	5	ON	11-15/10/22	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	17-23/05/22	2	2	8	2	4	2	14	6	20
Plant propagation technique	Grafting of mango & layering of litchi, guava & lemon	1	07	ON	14-20/07/22	2	2	8	2	4	2	14	6	20
Nursery management of horticultural crops	Vegetable nursery management	1	07	ON	11-17/08/22	2	2	8	2	4	2	14	6	20
Post Harvest Technology	Post Harvest Technology in Mango	1	07	ON	15-21/11/22	2	2	8	2	4	2	14	6	20
Protected cultivation of vegetable crop	Cultivation of shimla mirch	1	05	ON	17-21/11/22	2	2	8	2	4	2	14	6	20
Commercial fruit production	Commercial production technology of mango	1	07	ON	16-22/01/23	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	17-21/05/22	1	1	8	4	1	1	10	6	16
Vermi culture	Preparation and marketing of Vermi Composting.	1	5	ON	14-18/06/22	1	1	8	4	1	1	10	6	16
Production of organic input	Compost enrichment	1	5	ON	19-23/07/22	1	1	8	4	1	1	10	6	16
Vermiculture	Preparation and marketing of vermicompost	1	5	ON	16-20/10/22	1	1	8	4	1	1	10	6	16
Vermi culture	Preparation and marketing of Vermi Composting.	1	5	ON	13-17/12/22	1	1	8	4	1	1	10	6	16
Production of organic inputs	Preparation of BGA, Azolla	1	5	ON	14-18/02/23	1	1	8	4	1	1	10	6	16
Total		**6**	**30**			**6**	**6**	**48**	**24**	**6**	**6**	**60**	**36**	**96**

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
IV. LIVE STOCK PRODUCTION												0	0	0
Para vet	Pashu Mitra	1	7	ON	10-16/05/22	2	0	12	0	6	0	20	0	20
Goatry	Goat rearing	1	7	ON	09-15/06/22	3	2	12	2	1	0	16	4	20
Fish cum duck farming	Fish farming	1	7	ON	04-10/07/22	3	2	12	2	1	0	16	4	20
Backyard poultry farming	poultry farming	1	7	ON	07-13/11/22	0	0	8	2	10	0	18	2	20
Piggery rearing	Pig Farming	1	7	ON	09-15/01/23	3	2	12	2	1	0	16	4	20
Dairy	Cow care & management	1	7	ON	07-13/02/23	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	11-17/05/22	0	0	0	15	0	5	0	20	20
Mushroom production	Techniques of mushroom production	1	07	ON	15-21/11/22	0	0	0	15	0	5	0	20	20
Mushroom production	Mushroom production	1	07	ON	21-28/12/22	0	0	0	15	0	5	0	20	20
Total		**3**	**21**			**0**	**0**	**0**	**45**	**0**	**15**	**0**	**60**	**60**
VI PLANT PROTECTION														
Lac cultivation	Cultivation of Lac	1	5	ON	11-15/05/22	4	2	5	2	5	2	14	6	20
Lac cultivation	Cultivation of Lac	1	5	ON	01-05/06/22	4	2	5	2	5	2	14	6	20
Bee Keeping	Management of Bee keeping.	1	5	ON	09-13/08/22	4	2	5	2	5	2	14	6	20
Bio Pesticides	Production technology of bio pesticides	1	5	ON	07-11/09/22	4	2	5	2	5	2	14	6	20
Bee Keeping	Management of Bee keeping.	1	5	ON	16-20/11/22	4	2	5	2	5	2	14	6	20
Lac cultivation	Cultivation of Lac	1	5	ON	03-07/01/23	4	2	5	2	5	2	14	6	20
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	09-13/05/22	0	0	10	6	0	0	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
Micro Irrigation System	Repair & maintenance of water lifting devices (pump set)	1	5	ON	06-10/06/22	0	0	8	4	3	1	11	5	16
Micro Irrigation System	Installation & maintenance of micro irrigation systems	1	5	ON	22-26/08/22	0	0	10	6	0	0	10	6	16
Micro Irrigation System	Installation & maintenance of micro irrigation systems	1	5	ON	11-15/10/22	0	0	10	6	0	0	10	6	16
Micro Irrigation System	Repair & maintenance of water lifting devices (Pumpset)	1	5	ON	05-09/11/22	0	0	10	6	0	0	10	6	16
Micro Irrigation System	Installation & maintenance of micro irrigation systems	1	5	ON	06-10/02/23	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	12-13/05/22	3	2	10	5	7	3	20	10	30
Knowledge upgradation of EF at block level (kharif)	Kharif knowledge upgradation	6	1	OFF	06-09/06/22	18	12	60	30	42	18	120	60	180
Capacity building	Capacity building of matasya mitra	1	1	ON	18/06/22	3	2	10	5	7	3	20	10	30
Capacity building	Capacity building of Pashu Sakhi	1	2	ON	25/07/22	3	2	10	5	7	3	20	10	30
Capacity building	Capacity building of Krishi mitra	1	1	OFF	05/08/22	3	2	10	5	7	3	20	10	30
Capacity building	Capacity building of udyan mitra	1	1	OFF	20/08/22	3	2	10	5	7	3	20	10	30
Productivity enhancement in field crop	Rabi crop production technology	1	2	ON	25/09/22	3	2	10	5	7	3	20	10	30
Knowledge upgradation of EF at block level (rabi)	Rabi knowledge upgradation	6	1	OFF	11-13/10/22	18	12	60	30	42	18	120	60	180
Formation and management of SHG	Leadership training of SHG	1	1	ON	11/11/22	0	5	0	15	0	10	0	30	30
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	02	OFF	19/05/22	0	0	20	0	4	0	24	0	24
Nursery management	Nursery management of plantation crop	01	02	OFF	19/05/22	0	0	20	0	4	0	24	0	24
Animal vaccination	Animal vaccination	01	02	OFF	17-18/06/22	0	0	20	0	4	0	24	0	24
Propagation technique	Propagation technique	01	02	OFF	09-10/06/22	0	0	20	0	4	0	24	0	24
Phenyle making	Phenyle making	01	02	OFF	13-14/06/22	0	0	0	15	0	5	0	20	20
Animal vaccination	Animal vaccination	01	02	OFF	26-27/06/22	0	0	20	0	4	0	24	0	24
Propagation technique	Propagation technique	01	02	OFF	14-15/07/22	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	07-08/09/22	0	0	20	0	4	0	24	0	24
Mushroom cultivation	Mushroom cultivation	01	02	OFF	09-10/09/22	0	0	0	15	0	5	0	20	20
Fodder conservation	Silage making	01	02	OFF	13-14/09/22	0	0	20	0	4	0	24	0	24
Pest & disease management	Pest & disease management	01	02	OFF	11-12/10/22	0	0	20	0	4	0	24	0	24
Fertilizer management	Fertilizer management	01	02	OFF	20-21/10/22	0	0	20	0	4	0	24	0	24
Mushroom cultivation	Mushroom cultivation	01	02	OFF	14-15/10/22	0	0	0	15	0	5	0	20	20
Net house management	Net house management	01	02	OFF	19-20/01/23	0	0	20	0	4	0	24	0	24
Soil sampling	Soil sampling	01	02	OFF	24-25/02/23	0	0	20	0	4	0	24	0	24
Total		**15**	**30**	**-**		**0**	**0**	**240**	**45**	**48**	**15**	**288**	**60**	**348**

(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	13-27/06/22	2	2	8	2	4	2	14	6	**20**
Para vet	Pashu Mitra/ Gopal Mitra	1	15	ON	09-23/05/22	3	0	12	0	1	0	16	0	**16**
Enterprise development	Cutting and tailoring	1	30	ON	01-30/09/22	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	04/01/23-10/02/23	-	-	10	5	10	-	20	5	**25**
Total		**01**	**-**	**-**	**-**	**-**	**-**	**10**	**5**	**10**	**-**	**20**	**5**	**25**

(g) Jal Shakti Abhiyan

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
Micro irrigation system	Micro irrigation system	1	1	ON	07/07/22	0	0	20	20	10	0	30	20	**50**
Micro irrigation system	Micro irrigation system	1	1	OFF	12/08/22	0	0	25	10	5	10	30	20	**50**
Total		**2**	**2**	**-**	**-**	**0**	**0**	**45**	**30**	**15**	**10**	**60**	**40**	**100**

(h) Training Programme under PMO

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	20/04/22	1	1	15	5	1	1	17	7	**24**
Integrated Nutrient Management	INM Training	1	1	OFF	23/04/22	1	1	15	5	1	1	17	7	**24**
Integrated Nutrient Management	INM Training	1	1	OFF	26/05/22	1	1	15	5	1	1	17	7	**24**
Micronutrient deficiency in crop	Liquid fertilizer application	1	1	OFF	25/06/22	1	1	15	5	1	1	17	7	**24**
Micronutrient deficiency in crop	Liquid fertilizer application	1	1	ON	22/07/22	1	1	15	5	1	1	17	7	**24**
Integrated Nutrient Management	Balance use of fertilizer	1	1	OFF	07/10/22	1	1	15	5	1	1	17	7	**24**
Integrated Nutrient Management	INM Training	1	1	OFF	10/11/22	1	1	15	5	1	1	17	7	**24**
Integrated Nutrient Management	Liquid fertilizer application	1	1	OFF	15/02/22	1	1	15	5	1	1	17	7	**24**
Total		**8**	**-**	**-**	**-**	**8**	**8**	**120**	**40**	**8**	**8**	**136**	**56**	**192**

(i) Proposed Plan under NARI Project

SN	Activity	No.	Details
1	OFT	01	
2	FLD on specific aspects	15	Nutritional Garden in 15 villages
3	Capacity development programme On specified aspects	06	
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)	:	12
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)	:	08
7.	Swachhta Awareness at local level (in Numbers)	:	12
8.	Swachhta Workshops (in Numbers)	:	04
9.	Swachhta Pledge (in Numbers)	:	02
10.	Display and Banner (in Numbers)	:	20
11.	Foster healthy competition (in Numbers)	:	02
12.	Involvement of print and electronic media (in Numbers)	:	04
13.	Involving the help of the farmers, farm women and village youth in their adopted villages (no. of adopted villages)	:	20
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.)	:	

(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
TOTAL	**12**	**12**	**0**	**12**	**36**	**12**	**48**	**192**	**36**	**570**	**240**	**48**	**288**
V. Home Science/Women empowerment													

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
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													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													

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
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	0	10	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	1	0	5	5	0	0	0	0	15	0	0	20	20
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													
Small scale processing													

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
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	**36**	**85**	**54**	**129**	**64**	**39**	**93**	**265**	**160**	**395**	**404**	**253**	**657**

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													
Value addition													
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													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Others if any													
Capacity building	5	35	15	50	15	10	25	50	25	75	100	50	150
knowledge up gradation of EF at block level	12	84	36	120	36	24	60	120	60	180	240	120	360
TOTAL	**22**	**147**	**73**	**220**	**63**	**47**	**110**	**210**	**120**	**330**	**420**	**240**	**660**

Proposed Plan under CFLD 2022-23

Season	Crop	Area (ha)
A. CFLD on Oil seed		
Kharif	Niger (Variety – Birsa Niger-1)	20
	Groundnut (Variety –TG-51)	10
	Sesame ((Variety – Suprabha)	20
Rabi	Mustard (Variety – PM-30)	20
	Linseed (Variety – Shubhra)	10
	Sunflower (Variety – Hybrid)	30
Total		**110**
B. CFLD on Pulses		
Kharif	Blackgram (Variety – PU-31)	20
	Redgram (Variety –Rajeev Lochan)	20
	Lentil (Variety –PL-08)	20
Total		**60**
Grand Total (OLS & PLS)		**170**

3. Frontline demonstration to be conducted

Crop No. **: 01** **Crop** : **Rice** **Thrust Area** : Productive enhancement in Rice
Thematic Area : Integrated Crop Management **Season**: Kharif 22 **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	05	Variety – Anjali (DSR)	1. No. of plant/m^2 2.Plant height (cm) 3. Yield (Q/ha) 4. BCR	Seed	3200	1800	0	0	8	2	2	1	10	3	13
2	Rice	17.5	Variety – Kalajeera + Vermicompost	1. No. of effective tiller/m^2 2. Yield (Q/ha) 3. BCR	Seed	3000	500	5	0	25	10	5	5	30	15	45
3	Rice	02	Variety – Swarna Shreya	1. No. of effective tiller/m^2 2. Yield (Q/ha) 3. BCR	Seed	1600	1800	0	0	5	2	0	0	5	2	7
	Total	**24.5**						**5**	**0**	**38**	**14**	**7**	**6**	**45**	**20**	**65**

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 (Anjali)	Production technology	02	VLWs, Sakhi mandal	01	OFF	0	0	30	20	05	05	35	25	60
Field Day	Organic paddy cultivation	02		01	OFF	0	0	30	20	05	05	35	25	60

* Under RKVY

Crop No. : 02 **Crop** : Maize **Thrust Area** : Productivity enhancement in maize
Thematic Area : ICM **Season**: Kharif 2022 **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	01	Variety – Suwan-1	1. No. of grain/cob 2. Plant population/m2 3.Length of cub (cm) 4. Yield (Q/ha) 5. BCR	Variety and need based pesticides	800	1000	0	0	4	2	1	1	5	3	8
2	Maize	02	DMRH 1308			3000	1000	0	0	6	2	0	0	6	2	8
	Total	**03**						**0**	**0**	**10**	**4**	**1**	**1**	**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	ICM	01	ATMA personal, BAO, Progressive farmer, Media, VLWs, Sakhi mandal	01	OFF	03	02	10	10	10	05	23	17	40
Field day	ICM	01		01	OFF	03	02	10	10	10	05	23	17	40

Crop No. : 03 **Crop** : Ragi **Thrust Area** : Productivity enhancement in Ragi
Thematic Area : ICM **Season** : Kharif 2022 **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	1. No. of plant/m^2 2. Plant length (cm) 3. Yield (Q/ha) 4. BCR	Seed	280	400	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	ICM	04	ATMA personal, BAO, Progressive farmer, Media, VLWs, Sakhi mandal	01	OFF	10	5	30	20	15	0	55	25	80

Crop No. : **04** **Crop**: **Wheat** **Thrust Area**: Promotion of short duration high yielding variety
Thematic Area : ICM **Season**: Rabi 2022 **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	10	Variety – K-9107/ HD 3118/ HD 2967	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	5	10	0	20	5	25
2	Wheat	0.4	Variety- K 1317		Seed	1600	2000	0	0	1	1	1	0	2	1	03
3	Wheat	0.4	HI 1612		Seed	1600	2000	0	0	1	1	1	0	2	1	03
	Total	**10.8**						**0**	**0**	**12**	**7**	**12**	**0**	**24**	**7**	**31**

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	ICM	04	ATMA personal, BAO, Progressive farmer, Media, VLWs, Sakhi mandal	01	OFF	10	5	15	15	5	0	30	20	50

Crop No. : **05** **Crop** : **Barley** **Thrust Area** : Promotion of barley
Thematic Area : ICM **Season** : Rabi 2022 **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	Barley	01	NDB-943	1. No. of plant/m^2 2.Plant height (cm) 3. Yield (Q/ha) 4. BCR	Seed	4000	2000	0	0	02	01	0	0	02	01	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	ICM	01	ATMA personal, BAO, Progressive farmer, Media, VLWs, Sakhi mandal	01	OFF	0	0	15	5	0	5	20	10	30

Crop No. **: 06** **Crop** : **Marigold** **Thrust Area** : Flower production
Thematic Area : ICM **Season** : Rabi 2022 **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./acre)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Marigold	0.4	Variety – Hawai Oragnge	1. No. of flower/plant 2. Yield (Q/ha) 3. BCR	Seed	4000	0	0	0	0	1	0	0	1	0	1

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	Flower cultivation	2	ATMA personal, BAO, Progressive farmer, Media, VLWs, Sakhi mandal	1	Off	0	0	10	5	5	0	15	5	20

Crop No. **: 07** **Crop** **: Okra** **Thrust Area** : Promotion of Okra
Thematic Area : ICM **Season** : Rabi 2022 **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./acre)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Okra	0.4	Variety – Arka Anamika	1.Yield (Q/ha) 2. BCR	Seed	800	0	0	0	1	0	0	0	1	0	1

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	Okra	1	ATMA personal, BAO, Progressive farmer, Media, VLWs, Sakhi mandal	1	OFF	0	0	15	05	05	05	20	10	30

Crop No. : 08 **Crop** : Tomato **Thrust Area** : Commercial Tomato cultivation
Thematic Area : ICM **Season** : Kharif 2022 **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 Sampada	1. No. of plants/m^2 2. No. of fruit/plant 3. Yield (Q/ha) 4. BCR	Seed	4500	12000	0	0	5	0	0	0	0	5	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	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. : 09 **Crop** : Ginger **Thrust Area** : Organic spices cultivation
Thematic Area : IPM **Season** :Kharif 2022 **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	Ginger	1	Management of wilt disease through bio-agent	1.Yield (Q/ha) 2. BCR	Insecticide	1000	500	0	0	1	1	0	0	1	1	2

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** **: Chilli** **Thrust Area** : Organic spices cultivation
Thematic Area : IPM **Crop Season** :Rabi 2022 **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	0.4	Management of wilt disease through bio-agent	1.Yield (Q/ha) 2. BCR	Variety-Swarna Arohi/ Swarna prafulia	4500	500	0	0	1	1	0	0	1	1	2

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. **: 11** **Crop** : Wheat **Thrust Area** : Productivity enhancement in wheat
Thematic Area : Reclamation of soil **Season** : Rabi 2022 **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. **: 12** **Crop** : **Wheat** **Thrust Area** : Promotion of RCT
Thematic Area : RCT **Season** :Rabi 2022 **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	Wheat	1.0	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. **: 13** **Crop** : **Rice** **Thrust Area**: Promotion of Farm Mechanization machine
Thematic Area **:** Farm Mechanization **Season**: Kharif **Farming Situation** : Rainfed

Sl. No.	Crop	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	1.0	DSR	1. Plant Population/m^2 2. No. of effective tiller/m^2 3.Plant height (cm) 4. Yield (q/ha) 5. B:C	Seed variety – Sahbhagi Dhan	4000	1700	0	0	02	01	01	0	03	01	04

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	DSR	01	ATMA personal, BAO, Progressive farmer, Media, VLWs, Sakhi mandal	01	OFF	00	00	10	05	10	00	20	05	25

****Crop No. : 14** **Crop : Chilli** **Thrust Area**: Promotion of Micro Irrigation System

Thematic Area : Micro Irrigation System **Season** : Rabi **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./acre)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Chilli	0.4	Drip Irrigation	1.Yield/plant 2.No of irrigations 3. Yield (q/ha) 4. B:C	Seed	2000	8490	0	0	01	0	0	0	01	0	01

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	Drip Irrigation	01	ATMA personal, BAO, Progressive farmer, Media, VLWs, Sakhi mandal	01	OFF	0	0	10	05	10	0	20	05	25

**** Through Convergence**

Crop No. : 15 **Crop : Chilli** **Thrust Area**: Fodder production

Thematic Area : Fodder production **Season** : Kharif 2022 **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		Seed	2500	0	0	0	2	2	1	0	3	2	5
2	Rice bean	2	Variety		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	01	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	Rohu, catla, & mrigal	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
Thematic Area : Mushroom cultivation **Season** : **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	20 units 20 villages) each with 20 bundles	Oyester mushroom	Yield per bundle (kg)	Spawn	50.00/bundle	55.00/bundle	0	5	0	50	0	10	0	60	60

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

4. 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								
Maize	Suwan-1	June 22–Sep 22	0.10	Seed	2.50	4500.00	10000.00	5500.00
Ragi	BM-03	July 22-Nov 22	0.40	Seed	6.00	12000.00	24000.00	12000.00
Rice	Ajnali	July 22 – Nov 22	0.20	Seed	5.00	9000.00	15000.00	6000.00
Rice	Kala Jeera	July 22 – Dec 22	1.50	Seed	22.50	60000.00	90000.00	30000.00
	Swarna Shreya	July 22 – Dec 22	1.50	Seed	45.00	75000.00	112500.00	27500.00
Redgram	Rajiv Lochan	June 22– March 23	1.00	Seed	10.00	45000.00	72000.00	27000.00
Groundnut	TG-51, 38 TLG-45	June 22 – Oct 22	0.40	Seed	6.00	26000.00	48000.00	22000.00
Niger	Birsa Niger-3	Aug 22 – Nov 22	2.00	Seed	6.40	34000.00	51200.00	17200.00
Mustard	PM- 30	Oct 22- March 23	1.00	Seed	13.00	35000.00	78000.00	43000.00
Wheat	Sabour nirjal	Nov 22 – April 23	1.00	Seed	28.00	45000.00	70000.00	25000.00
Gram		Nov 22-March 23	0.20	Seed	2.40	8000.00	14400.00	6400.00
		Total	**9.30**		**145.80**	**353500.00**	**585100.00**	**221600.00**
Fruit Production								
Lemon	Kagaji	April 22 – Mar 23	0.04	Fruit	800 no.	1200.00	4000.00	1000.00
Orange	Nagpur Santra	March 23	0.14	Fruit	0.25	800.00	1000.00	200.00
HD Guava	L-49. Kg guava, Allahabad Safeda	Oct 22-Jan 23	0.50	Fruit	12.00	6500.00	12000.00	5500.00
Mango	Amrapali, Langra, Himsagar	June 22 – Aug 22	3.40	Fruit	40.00	30000.00	80000.00	50000.00
		Total	**4.08**		**52.25 q 800 no.**	**38500.00**	**97000.00**	**56700.00**

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 Sampada/	May 22 – July 22	0.0003 (3 m^2)	Seedling	2000 no.	1000.00	2000.00	1000.00
Tomato	Swarna Lalima	Sep 22- Oct 22	0.0003 (3 m^2)	Seedling	2000 no.	1000.00	2000.00	1000.00
Brinjal	Swarna Syamali	May 22-Aug 22	0.0003 (3 m^2)	Seedling	2000 no.	1000.00	2000.00	1000.00
Brinjal	VNR-218	Sep 22- Oct 22	0.0003 (3 m^2)	Seedling	2000 no.	1000.00	2000.00	1000.00
Chilli	Swarna parfulia	May 22– June 22	0.0003 (3 m^2)	Seedling	2500 no.	1100.00	2500.00	1400.00
Chilli	Siam hot	Sept 22- Oct 22	0.0003 (3 m^2)	Seedling	2500 no.	1100.00	2500.00	1400.00
Cabbage	Golden acre	Oct 22 – Nov 22	0.0003 (3 m^2)	Seedling	2500 no.	1100.00	2500.00	1400.00
Total (Veg)					**15500 no.**	**7300.00**	**15500.00**	**8200.00**
Fruits								
Mango	Amrapali	July 22-Aug 22	0.04	Sapling	800 no.	32000.00	64000.00	32000.00
Mango	Local	June 22-Aug 22	0.02	Mango root stock	4000 no.	2800.00	40000.00	37200.00
Guava	L-49	June 22-July 22	0.0024	Sapling	500 no.	10000.00	25000.00	15000.00
Pomegranate	Ganesh	July 22- Aug 22	0.012	Sapling	100 no.	1500.00	3000.00	1500.00
Pear	Netarhat selection	Dec 22– Jan 22	0.0006	Sapling	500 no.	5000.00	10000.00	5000.00
Jackfruit	Local	July 22 – Aug 22	0.0006	Seedling	500 no.	5000.00	10000.00	5000.00
Papaya	Ranchi Papaya	May 22- July 22	0.0015	Plant	1000 no.	10000.00	20000.00	10000.00
Total (Fruits)					**7400 no**	**66300.00**	**172000.00**	**105700.00**
Fodder								
Napier	Pusa Jayant	July 22– Aug 22	0.06 (600 m^2)	Slip	12000 no.	3000.00	12000.00	9000.00

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.)
Total (Fodder)					**12000 no**	**3000.00**	**12000.00**	**9000.00**
Flower								
Marigold	Pusa Narangi	July 22 -Aug 22	0.0001 (1 m^2)	Seedling	500 no.	300.00	1000.00	700.00
Rose	Local	July 22 -Aug 22	0.0001 (1 m^2)	Sapling	200 no.	1000.00	3000.00	2000.00
Total (Flower)			**0.0002**		**700 no.**	**1300.00**	**4000.00**	**2700.00**
Medicinals								
Lemon grass	Krishna	July 22- Aug 22	0.0003 (3 m^2)	Slip	12000 slip	3500.00	6000.00	2500.00
Pamarosa	PRC-1	June 22- July 22	0.0002 (2 m^2)	Slip	3000 slip	600.00	1500.00	900.00
Khas	KS-1	June 22- July 22	0.004	Slip	600 slip	200.00	300.00	100.00
Total (Medicinal)			**0.0045**		**12000 slip 3600 no.**	**4300.00**	**7800.00**	**3500.00**
Grand Total								

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								
Tomato	Swarna Sampada, Suraksha	June 22-Aug 22	0.05	Green vegetables	4.50	3000.00	4500.00	1500.00
Brinjal	Swarna shyamali	June 22-Aug 22	0.05	Green vegetables	5.00	3500.00	7500.00	4000.00
Chilli	Swarna prafulia	June 22-Aug 22	0.05	Green vegetables	3.00	4500.00	9000.00	4500.00
Okra	Arka anamika	May 22 – June 22	0.10	Green vegetables	5.00	4000.00	5000.00	1000.00
		Total (Kharif)	**0.25**		**17.5**	**15000.00**	**26000.00**	**11000.00**
Rabi								
Potato	Kufri lalima	Oct 22-Nov 22	0.10	Tuber	7.0	5000.00	7000.00	2000.00
Cabbage	Golden acre	Oct 22-Dec 22	0.02	Green vegetables	3.0	1500.00	3000.00	1500.00
Tomato	Swarna lalima	Oct 22-Dec 22	0.05	Green vegetables	5.0	3500.00	5000.00	1500.00
Brinjal	VNR-258	Nov 22- Dec 22	0.05	Bulb	6.0	3700.00	7200.00	3500.00
Chilli	Siam hot/ Agni	Nov 22- Dec 22	0.05	Green vegetables	3.5	6000.00	10500.00	4500.00
		Total (Rabi)	**27**		**24.5**	**19700.00**	**32700.00**	**13000.00**
Summer								
Bottle gourd	Anokhi	Jan 23 – March 23	0.20	Green vegetables	12.00 q	7500.00	12000.00	4500.00
Okra	Arka anamika	Jan 23 – March 23	0.20	Green vegetables	9.00 q	8000.00	13500.00	5500.00
		Total (Summer)	**0.9**		**21.0**	**15500.00**	**25500.00**	**10000.00**
Enterprise								
Vermicompost	Compost	April 22- March 23	185 sq ft	Compost	250 Q	125000.00	250000.00	125000.00
Worm	Culture	April 22- March 23	185 sq ft	Culture	60000 no	5000.00	30000.00	25000.00

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.)
Jeevamrut		April 22- March 23	150 sq ft		15000 liter	25000.00	225000.00	200000.00
Azolla		April 22- March 23	300 sq ft		3.0 q	1000.00	3000.00	2000.00
Mushroom Spawn	Oyster	Aug 22– Dec 22		Spawn	3.0 q	28800.00	45000.00	16200.00
Duck	Khakhi campbell	April 22- March 23	1500 sq ft	Egg	300 no.	1400.00	2400.00	1000.00
Pig	T&D	April 22- March 23	3600 sq ft	Piglet	30 no.	90000.00	180000.00	90000.00
Goat	Black Bangal	April 22- March 23	0.30 ha	Kids	25 no.	40000.00	100000.00	60000.00
				Total	**250.00 Q 60355 no. 15000 liter**	**316200.00**	**835400.00**	**519200.00**
				Grand Total	**261.05 q 112355 no. 15000 lit**	**840600.00**	**1813000.00**	**972400.00**

b) Village Seed Production Programme

Name of the Crop / Enterprise	Variety / Type	Period	Area (ha.)	No. of farmers	Details of Production	
					Type of Produce	Expected Production(q)
Rice	Sahbhagi dhan	Kharif 22	05	20	Certified	150
Rice	Kalajeera	Kharif 22	03	20	TL	36
Ragi	GPU-28	Kharif 22	02	06	Foundation	25
Groundnut	TG-51/ TLG-45/ TG-38	Kharif 22	02	06	Certified	20
Wheat		Rabi	02	15	Certified/ TL	50
Mustard		Rabi	02	05	Certified	20
		Total	**16**	**72**		**301**

5. 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	460	400	860	85	30	10	40	490		900
2.	Kisan Mela	02	250	320	570	80	20	10	30	270		600
3.	Kisan Ghosthi	24	400	537	937	80	15	08	23	415		960
4.	Exhibition	02	250	28	278	80	12	10	22	362		300
5.	Film Show	12	180	60	240	82	-	-	-	180		240
6.	Method Demonstrations	06	80	40	120	80	-	-	-	80		120
7.	Farmers Seminar	01	80	20	100	85	-	-	-	80		100
8.	Workshop	06	50	40	90	70	-	10	10	50		100
9.	Group meetings	07	40	90	130	85	10	-	10	50		140
10.	Lectures delivered as resource persons											
11.	Advisory Services	120	850	350	1200	80	-	-	-	850		1200
12.	Scientific visit to farmers field	120	1000	200	1200	85	-	-	-	1000		1200
13.	Farmers visit to KVK	240	700	500	1200	80	-	-	-	700		1200
14.	Diagnostic visits	14	300	120	420	95	-	-	-	300		420
15.	Exposure visits	01	10	10	20	95	02	-	02	12	10	22
16.	Ex-trainees Sammelan	05	60	40	100	92	-	-	-	60		100
17.	Soil health Camp	05	126	84	210	90	-	-	-	124	84	210
18.	Animal Health Camp	12	300	60	360	80	-	-	-	300	60	360
19.	Agri mobile clinic											
20.	Soil test campaigns	05	150	25	175	94	-	-	-	150	25	175
21.	Farm Science Club Conveners meet	12	340	20	360	90	-	-	-	340	20	360
22.	Mahila Mandals Conveners meetings	05	-	180	180	85	-	20	20	-	100	200
23.	Celebration of important days (specify)											
24.	Sankalp Se Siddhi											
25.	Swatchta Abhiyan	12	155	80	235	90	05	-	05	160	80	240
26.	Mahila Kisan Diwas	01	10	180	190	85	03	07	10	20	180	200
27.	Any Other (Specify)											
28.	Agricultural camp	01	100	90	190	85	10	-	10	110	90	200
29.	Clinic service	12	200	40	240	90	-	-	-	200	40	240
30.	Self help group convenors meeting	04	0	80	80	90	-	-	-	0	90	90

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
31.	Formation of kisan club	06	90	0	90	90	90	-	-	90	0	90
32.	Knowledge upgradation in village level school	10	200	100	300	85	-	-	-	200	100	300
33.	Mobile helpline	300	500	80	580	85	10	10	20	510	90	600
34.	SMS alert	60	8000	2000	10000	70	-	-	-	8000	2000	10000
35.	Technology week	01	700	260	960	80	20	20	40	720	280	1000
36.	Seed treatment campaign	02	60	35	95	80	05	-	05	65	35	100
37.	Kharif sammellan	01	250	40	290	85	05	05	10	255	45	300
38.	Rabi sammellan	01	250	40	290	90	05	05	10	255	45	300
39.	Pradhan mantra fasal bema yojna awareness week	02	750	235	985	85	10	05	15	760	240	1000
40.	Organic farming awareness programme	05	200	45	245	90	05	-	05	205	45	250
41.	National yuva diwas (12 jan)	01	50	-	50	85	-	-	-	50	-	50
42.	Subash Chandra bose jayanti (23rd jan)	01	25	25	50	90	-	-	-	25	25	50
43.	Republic day (26th January)	01	100	40	140	90	10	-	10	100	50	150
44.	National science day (28 feb)	01	50	50	100	90	-	-	-	50	50	100
45.	World forestry day (21 march)	01	50	50	100	90	-	-	-	50	50	50
46.	International Women's day (8 march)	01	05	90	95	90	02	03	05	07	93	100
47.	World water day (22 march)	01	30	20	50	95	-	-	-	30	20	50
48.	World veterinary day (25 april)	01	80	20	100	95	-	-	-	30	20	100
49.	World environment day (5 june)	01	25	20	45	90	05	-	05	30	20	50
50.	ICAR foundation day (16th July)	01	50	45	95	85	05	-	-	55	45	100
51.	World aadiwasi diwas (9 Aug)	01	40	57	97	95	03	-	03	43	57	100
52.	World yuva diwas (12 aug)	01	50	50	100	90	-	-	-	50	50	100
53.	Independence day (15th August)	01	100	45	145	85	05	-	05	105	45	150
54.	Parthenium Awareness week (16-22 Aug)	01	230	65	295	90	05	-	05	235	65	300
55.	Nutrition week (1-7 sep)	01	120	175	295	85	05	-	05	125	175	300
56.	World animal welfare day (4 oct)	01	60	40	100	90	-	-	-	60	40	100
57.	Mahila kisan diwas (15 oct)	01	10	87	97	90	03	-	03	13	87	100
58.	World Food Day (16 Oct)	01	70	30	100	85	-	-	-	70	30	100
59.	World soil day (5 dec)	01	100	90	190	87	05	05	10	105	95	200
60.	Jai kisan jai vigyan diwasn (23 dec)	01	120	77	197	90	03	-	03	123	77	200
61.	Krishi siksha diwas (3 Dec)	01	100	100	200	85	-	-	-	100	100	200

6. Revolving Fund (in Rs.)

Opening balance of (As on 01.04.2020)	Amount proposed to be invested during 2021-22	Expected Return
36,84,236.37	10,00,000.00	12,00,000.00

7. Expected fund from other sources and its proposed utilization

Project	Source	Amount to be received (Rs. in lakh)
1.	ATMA, Gumla	2.0
2.	District Horticulture Department Gumla	2.0
	Total	**4.0**

OFT-01
(Agronomy)

i.	**Season**	:	**Kharif 2022**
ii.	**Title of OFT**	:	**Assessment of Niger seed yield in relation to Honeybee Pollinators**
iii.	**Problem diagnose**	:	Low yield due to poor crop management
iv.	**Important Cause**	:	Poor crop management
v.	**Micro farming system**	:	Niger-Fallow
vi.	**Technology for Testing**	:	Niger cultivation with Beehives pollinator
vii.	**Existing Practice**	:	Cultivation of Niger without Beehives pollinator
viii.	**Hypothesis**	:	Cultivation of Niger with beehives resulted in maximum seed yield and return.
ix.	**Objective**	:	To assess the performance of beehives in relation to niger seed yield.
x.	**Farming situation**	:	Rainfed
xi.	**Details of technology selected for assessment/refinement**	:	**FP :** Natural plot without beehives **TO_1:** Niger crop with 05 no. of beehives/ ha **TO_2 :** Niger crop with recommended dose of fertilizer (20:80:40 kg NPK/ha)
xii.	**Critical input**	:	Seed and Beehive
xiii.	**Source of technology**	:	JNKVV Jabalpur
xiv.	**Deign**	:	RBD
xv.	**Replication**	:	10
xvi.	**Net plot size**	:	1000 sq. m.
xvii.	**Unit cost**	:	Rs. 4000.00
xviii.	**Total Cost**	:	Rs. 40000.00
xix.	**Production system and thematic area**	:	Niger-Fallow, ICM
xx.	**Performance of technology with performance indicator**		➢ No. of Capitula/Plant ➢ No. of Seeds / Capitula ➢ 1000 seed weight (gm) ➢ Seed yield (q/ha) ➢ B:C ratio

OFT- 02
(Agronomy)

i.	**Season**	:	**Rabi 2022**
ii.	**Title of OFT**	:	**Assessment of suitable spacing in onion to increase the seed yield and income in Gumla district.**
iii.	**Problem diagnose**	:	Closer spacing leads the lower Onion seed yield
iv.	**Important Cause**	:	Lack of knowledge
v.	**Micro farming system**	:	Maize-Onion
vi.	**Technology for Testing**	:	Suitable planting spacing maximizes the seed yield and income
vii.	**Existing Practice**	:	Farmer's practicing closer spacing (25 x 30 cm)
viii.	**Hypothesis**	:	Proper spacing may enhance the yield and income
ix.	**Objective**	:	To enhance the onion seed yield through technological intervention of suitable plant spacing.
x.	**Farming situation**	:	Irrigated
xi.	**Details of technology selected for assessment/refinement**	:	**FP :** Line sowing with closer spacing 25 x 30 cm + NPK 80:40:40/ha **TO_1:** Line sowing with spacing 30 x 45 cm + NPK 100:60:60/ha **TO_2 :** Line sowing with spacing 40 x 45 cm + NPK 100:50:50/ha
xii.	**Critical input**	:	Variety (Nasik Red)
xiii.	**Source of technology**	:	BAU Sabour
xiv.	**Deign**	:	RBD
xv.	**Replication**	:	10
xvi.	**Net plot size**	:	1000 sq. m.
xvii.	**Unit cost**	:	Rs. 3000.00
xviii.	**Total Cost**	:	Rs. 30000.00
xix.	**Production system and thematic area**	:	Maize based production system, ICM
xx.	**Performance of technology with performance indicator**		➢ Plant height (cm) ➢ Days to maturity ➢ Leaf length (cm) ➢ Seed yield (q/ha) ➢ B:C ratio

OFT- 03
(Soil Science)

i.	**Season**	:	**Kharif 2021**
ii.	**Title of OFT**	:	**Response of liquid urea (Nano urea) application on the yield of transplanted improved variety of rice**
iii.	**Problem diagnose**	:	Poor soil fertility leads lower yield of transplanted rice
iv.	**Important Cause**	:	Imbalanced fertilizer management
v.	**Micro farming system**	:	Rice-Rice
vi.	**Technology for Testing**	:	Integrated nutrient management
vii.	**Existing Practice**	:	Carbofuran @ 4-5 kg/ha at 5 to 6 leaf stage
viii.	**Hypothesis**	:	INM may enhance fertility, yield and profitability
ix.	**Objective**	:	To find out effective approaches of soil fertility and enhance the rice productivity
x.	**Farming situation**	:	Irrigated
xi.	**Details of technology selected for assessment/refinement**	:	**FP :** FYM (25 q) + N (55 kg) + P_2O_5 (23 kg) + K_2O (15 kg)/ha **TO_1:** FP + 2 spray of Nano urea @ 0.2% **TO_2 :** FP + 2 spray of Nano urea @ 0.4% 1st spray DAT 20-25 days 2nd spray – 20-25 days after 1st spray
xii.	**Critical input**	:	1. Paddy seed (variety-Swarna shreya) 2. Nano urea 3. DAP 4. MOP 5. Urea
xiii.	**Source of technology**	:	BAU Ranchi
xiv.	**Deign**	:	RBD
xv.	**Replication**	:	10
xvi.	**Net plot size**	:	1200 sq. m.
xvii.	**Unit cost**	:	Rs. 1050.00
xviii.	**Total Cost**	:	Rs.10500.00
xix.	**Production system and thematic area**	:	Rice based production system & INM
xx.	**Performance of technology with performance indicator**		➢ Soil fertility (Before & after) ➢ Panicle length (cm) ➢ No. of grain/ panicle ➢ Plant height (cm) ➢ No. of effective tiller/m^2 ➢ Yield /ha ➢ B:C

OFT - 04
(Soil Science)

i.	**Season**	:	Rabi 2022-23
ii.	**Title of OFT**	:	**Assessment of INM on yield of Mustard.**
iii.	**Problem diagnose**	:	Imbalance nutrient management
iv.	**Important cause**	:	Imbalance nutrient management
v.	**Micro farming system**	:	Maize/Black gram – Mustard, Rice - Mustard
vi.	**Technology for testing**	:	Integrated nutrient management
vii.	**Existing practices**	:	Imbalance Nutrient Management
viii.	**Hypothesis**	:	INM Practices may enhance the yield of Mustard
ix.	**Objective**	:	To enhance the production and productivity of Mustard
x.	**Farming situation**	:	Irrigated
xi.	**Details of technology selected for assessment/refinement**	:	FP– Imbalance nutrient application (N 27.5 kg + P_2O_5 11.5 kg)/ha TO_1 –RD (N: P: K:: 80:60:40 kg/ha.) TO_2 –TO_1+ Soil application of PSB (5kg) + *Azotobacter* (5 kg)/ha TO_3 - Recommended dose of NPK + Lime @ 4q/ha + Sulphur@ 20kg/ha.
xii.	**Critical input**	:	Seed, DAP, Urea, MOP, Lime, PSB and Azotobacter
xiii.	**Source of technology**	:	BAU Ranchi
xiv.	**Design**	:	RBD
xv.	**Replication**	:	10
xvi.	**Net plot size**	:	1600 m^2
xvii.	**Unit cost (critical input)**	:	Rs. 2880/-
xviii.	**Total critical input cost**	:	Rs. 28800/-
xix.	**Production system and thematic area**	:	Rice based production and INM
xx.	**Performance of technology with performance indicator**	:	➢ Soil fertility (Before and after) ➢ Plant height (cm) ➢ No. of siliqua/plant. ➢ No. of seeds/siliqua. ➢ 1000 seed weight. ➢ Yield (qt/ha), ➢ Net return(Rs/ha) ➢ B:C ratio

OFT- 05
(Horticulture)

i.	**Season**	**:**	Kharif 2022
ii.	**Title of the OFT**	**:**	**Effect of Micronutrient on Growth and yield of Brinjal during Kharif**
iii.	**Problem diagnosed**	**:**	Low yield due to poor fertilizer management
iv.	**Important Cause**	**:**	Poor fertilizer management
v.	**Micro farming system**	**:**	Maize - Fallow
vi.	**Technology for Testing**	**:**	Suitable fertilizer dose for cost effective production
vii.	**Existing Practice**	**:**	Farmer uses only NPK and FYM
viii.	**Hypothesis**	**:**	Use of Micronutrient may minimize flower drop and improve the yield
ix.	**Objective(s)**	**:**	Mitigate the gap between potential yield and achievable yield
x.	**Farming situation**	**:**	Rainfed
xi.	**Details of technology selected for assessment/refinement**	**:**	FP : RDF (100:60:50 kg NPK/ha)
		:	TO_1: RDF + Two spray of Borax (0.2%) Spray before flower initiation and after fruit set
		:	TO_2: RDF + Spray of Borax 0.2% + $ZnSO_4$ (0.5%) before flower initiation and after fruit set
xii.	**Critical Inputs**	**:**	Seed, Borax, $ZnSO_4$, NPK
xiii.	**Source of Technology**	**:**	BAU Ranchi
xiv.	**Design**	**:**	RBD
xv.	**Replications**	**:**	10
xvi.	**Net plot size**	**:**	1125 m^2
xvii.	**Unit Cost**	**:**	Rs. 2273.00
xviii.	**Total Cost**	**:**	Rs. 22730.00
xix.	**Production system and Thematic area**	**:**	Vegetable based production system, INM
xx.	**Performance of technology with performance indicator**	**:**	➢ Soil Status (Before and After) ➢ Plant height (cm) ➢ No. of fruit/ plant ➢ Fruit weight (gm) ➢ Yield (q/ha) ➢ B:C ratio

OFT- 06
(Horticulture)

i.	**Season**	:	**Rabi 2022**
ii.	**Title of OFT**	:	**Fertilizer Management in Cabbage**
iii.	**Problem diagnose**	:	Yield loss due to head cracking
iv.	**Important Cause**	:	Poor fertilizer management
v.	**Micro farming system**	:	Rice-Fallow
vi.	**Technology for Testing**	:	Suitable fertilizer combination for cost effective production
vii.	**Existing Practice**	:	Poor nutrient management
viii.	**Hypothesis**	:	Proper fertilizer may enhance the yield and income
ix.	**Objective**	:	To overcome the problem of head cracking
x.	**Farming situation**	:	Rainfed
xi.	**Details of technology selected for assessment/refinement**	:	**FP :** FYM 25 q/ha + DAP 80 kg/ha **TO_1:** RDF (100:50:45) NPK kg/ha + Borax 10 kg/ha as Soil application **TO_2 :** i. RDF + Foliar spray of Borax 2 gm/liter water + Foliar spray of Ammonium Molybdate 2 gm/liter water at 30 days and 45 days after transplanting
xii.	**Critical input**	:	DAP, MOP, Urea, Borax, Ammonium molybdnate
xiii.	**Source of technology**	:	BAU Ranchi
xiv.	**Design**	:	RBD
xv.	**Replication**	:	10
xvi.	**Net plot size**	:	1125 sq. m.
xvii.	**Unit cost**	:	Rs. 925.00
xviii.	**Total Cost**	:	Rs. 9250.00
xix.	**Production system and thematic area**	:	Vegetable based production system, INM
xx.	**Performance of technology with performance indicator**		➢ Soil status (Before and After) ➢ Head cracking (%) ➢ Head weight/ plant ➢ Yield (q/ha) ➢ B:C

OFT- 07
(Plant Protection)

xxi.	**Season**	:	**Kharif 2021**
xxii.	**Title of OFT**	:	**Management of Fall Armyworm, *Spodoptera frugiperda* in Maize**
xxiii.	**Problem diagnose**	:	Maize yield decrease due to fall army worm (Growth to cab formation)
xxiv.	**Important Cause**	:	Lack of suitable crop protective measure
xxv.	**Micro farming system**	:	Maize/ Blackgram/ Redgram-Mustard/Wheat
xxvi.	**Technology for Testing**	:	Integrated pest management
xxvii.	**Existing Practice**	:	Carbofuran @ 4-5 kg/ha at 5 to 6 leaf stage
xxviii.	**Hypothesis**	:	Use of perfect dose and schedule may enhance yield
xxix.	**Objective**	:	To enhance production and productivity of Maize through IPM
xxx.	**Farming situation**	:	Rainfed
xxxi.	**Details of technology selected for assessment/refinement**	:	**FP :** Farmers practice (Application of *Carbofuran*) **TO_1:** i. Application of sand (After whorl formation and at 5% damage symptoms appearance) ii. Spraying of *Emamectin benzoate* 5SG @ 0.49 gm/L of water at 5 days of application of sand iii. Spraying of *Thaimethoxam* 12.6% + *Lambda cyhalothrin* 9.5% @ 0.5 ml/L at 15 days of after 1st spray **TO_2 :** i. Application of soil (After whorl formation and at 5% damage symptoms appearance) ii.Spraying of *Fipronil* 5SC @ 1ml/l of water at 5 days of application of soil iii.Spraying of *Spinosad* @ 0.2 ml/1 at 15 days of after 1 s' spray
xxxii.	**Critical input**	:	Pesticide
xxxiii.	**Source of technology**	:	BAU Sabour
xxxiv.	**Deign**	:	RBD
xxxv.	**Replication**	:	10
xxxvi.	**Net plot size**	:	2000 sq. m.
xxvii.	**Unit cost**	:	Rs. 900.00
xxviii.	**Total Cost**	:	Rs. 9000.00
xxxix.	**Production system and thematic area**	:	Rice based production system & IPM
xl.	**Performance of technology with performance indicator**		➢ No. of larvae/ damaged leaves ➢ no. of holes at 5 spots in each plot on 10 randomly selected plants ➢ Yield /ha ➢ B:C

OFT- 08
(Plant Protection)

i.	**Season**	:	**Rabi 2022**
ii.	**Title of OFT**	:	**Management leaf curl in Chilli**
iii.	**Problem diagnose**	:	Yield loss due to leaf curl disease
iv.	**Important Cause**	:	Lack of pesticide doses & schedules
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**	:	**FP :** Two weeding (Manual) + *Imidaclorprid* @ 1 gm/3 liter of water @ 25-30 DAT **TO_1 :** Seed treatment with *Imidaclorprid* @ 3 gm/kg of seed + one spray of wettable sulphur 80 WP @ 3 gm/lit of water + 1 spray of *Imidaclorprid* @ 1 ml/lit of water before flowering at 15 days interval **TO_2 :** Seed treatment with *Thimethoxam* @ 5 gm/kg of seed + seedling treatment with *Imidaclorprid* @ 0.03 ml/liter of water for 30 min + Two weeding 20 & 30 DAT + Spray of *Abmecticn* 1.9 EC @ 0.1 ml/liter of water @ 35 DAT + *Imidaclorprid* 0.03,ml/liter of water @ 65 DAT + T*hiomethoxam* @ 0.05 gm/liter of water @ 85 DAT
xii.	**Critical input**	:	Seed and pesticide
xiii.	**Source of technology**	:	GBP Agricultural university
xiv.	**Deign**	:	RBD
xv.	**Replication**	:	10
xvi.	**Net plot size**	:	600 sq.m
xvii.	**Unit cost**	:	Rs. 1200.00
xviii.	**Total Cost**	:	Rs. 12000.00
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 – 09
(Agriculture Engineering)

i.	**Season**	**Kharif 2021**
ii.	**Title of OFT**	**To assess the performance of different type of cost effective weeding methods in transplanted rice**
iii.	**Problem diagnose**	Traditional weeding method of paddy resulted high cost of cultivation
iv.	**Important Cause**	High cost of labour for weeding
v.	**Micro farming system**	Rice-fallow system
vi.	**Technology for Testing**	Improved weeded i'e Cono and Power Weeder
vii.	**Existing Practice**	Two Hand Weeding
viii.	**Hypothesis**	Hand weeding contributing high cost of cultivation
ix.	**Objective**	To find out the cost effective weeding method
x.	**Farming situation**	Rainfed
xi.	**Details of technology selected for assessment/refinement**	FP : Hand weeding TO_1: Cono weeder (hand push) TO_2 : Power weeder
xii.	**Critical input**	Rice seed variety Sahbhagi and Improved Weeder
xiii.	**Source of technology**	TNAU, Coimbatore
xiv.	**Deign**	RBD
xv.	**Replication**	10
xvi.	**Net plot size**	1200 sq. m.
xvii.	**Unit cost**	Rs. 500.00
xviii.	**Total Cost**	Rs. 5000.00
xix.	**Production system and thematic area**	Crop based production system and Farm Mechanization
xx.	**Performance of technology with performance indicator**	➢ Weed control efficiency (%) ➢ No. of effective tiller /m^2 ➢ Yield (q/ha) ➢ B:C

OFT – 10
(Agriculture Engineering)

i.	**Season**	**Rabi 2021-22**
ii.	**Title of OFT**	**Evaluation of irrigation water saving technique in Cauliflower during Rabi season**
iii.	**Problem diagnose**	More no. of irrigation and bed making resulted high cost of cultivation
iv.	**Important Cause**	Shortage of irrigation water
v.	**Micro farming system**	Rice - Fallow
vi.	**Technology for Testing**	Ridge based 60 x 20 cm (Triple plant in each line)
vii.	**Existing Practice**	Ridge furrow
viii.	**Hypothesis**	Water saving technology may reduce the cost of production
ix.	**Objective**	To find out the suitable water saving method
x.	**Farming situation**	Irrigated
xi.	**Details of technology selected for assessment/refinement**	FP : Ridge furrow (Single plant) TO_1: Raised bed 60 x 20 cm (Triple plant in each line) TO_2 : Raised bed 30 x 20 cm (Double plant)
xii.	**Critical input**	Cauliflower seed
xiii.	**Source of technology**	TNAU, Coimbatore
xiv.	**Deign**	RBD
xv.	**Replication**	10
xvi.	**Net plot size**	1200 sq. m.
xvii.	**Unit cost**	Rs. 500.00
xviii.	**Total Cost**	Rs.5000.00
xix.	**Production system and thematic area**	Vegetable based production system and Water management
xx.	**Performance of technology with performance indicator**	➢ No. of irrigation ➢ Head weight (gms) ➢ Yield (Q/ha) ➢ B:C

OFT- 11

(Home Science)

i.	**Season**	:	**Kharif**
ii.	**Title of OFT**	:	**To assess the response of Iron tablets and modified food in overcoming the Anemia (15-18 years)**
iii.	**Problem diagnose**	:	Low iron content in diet
iv.	**Important Cause**	:	Prevalence of Anemia
v.	**Farming situation**	:	Rainfed
vi.	**Micro Farming System**	:	Crop and Animal husbandry based farming
vii.	**Technology for testing**	:	Iron tablet and iron rich supplement
viii.	**Existing Practices**	:	Rice based dietary pattern
ix.	**Hypothesis**	:	Increase in iron content in food will help in increasing Hb level
x.	**Objective**	:	i) To provide knowledge about nutritious food ii) To reduce the anemic condition among adolescent girls.
xi.	**Details of technology selected for assessment/refinement**	:	**FP-** Traditional Practice(Existing Dietary Pattern) **TO_1** – Recommended Practice(Iron tablet/day with existing dietary pattern **TO_2** – Iron tablet/day+50 mg roasted soyabean+100 gm rice flakes/day with existing dietary system
xii.	**Critical input**	:	Iron Rice Diet
xiii.	**Source of technology**	:	BAU Ranchi
xiv.	**No. of respondent**	:	15
xv.	**Unit size**	:	15 girls(16 to 18 years)
xvi.	**Total cost**	:	Rs. 6000.00
xvii.	**Production system and thematic area**	:	Nutrition Education, Value addition
xviii.	**Performance of technology with performance indicator**	:	• Body wt. • Measure Hb level before practice and after two months of practices • Occurrence of disease if any

OFT- 12

(Home Science)

i.	**Season**	**Rabi 2022**
ii.	**Title of OFT**	Assessment of maize and ragi based weaning mixture to overcome malnutrition among children
iii.	**Problem diagnose**	Prevalence of Malnutrition
iv.	**Important Cause**	Lack of dietary knowledge and poor choice of food lead to poor health of children.
v.	**Farming situation**	Rainfed
vi.	**Micro Farming System**	Rice based dietary pattern
vii.	**Technology for testing**	Protein and energy enriched food
viii.	**Existing Practices**	Rice based dietary system
ix.	**Hypothesis**	Good diet will leads to good health.
x.	**Objective**	To improve the health condition of children
xi.	**Details of technology selected for assessment/refinement**	**FP**- Inadequate dietary pattern and unbalanced intake of nutrients. **TO_1** – Roasted maize flour (60 gm)+ roasted bengal gram flour (20gm) + sugar (20 gm+1/2 cup milk) **TO_2** – Roasted Ragi flour(50gm)+ sprouted and roasted green gram (25 gm)+ roasted groundnut (10gm)+ sugar (15gm)+1/2 cup milk
xii.	**Critical input**	Protein and energy enriched diet
xiii.	**Source of technology**	AICRP, Directorate of maize research, ICAR
xiv.	**Unit size**	15 children
xv.	**Total cost**	Rs. 8000.00
xvi.	**Production system and thematic area**	Value Addition
xvii.	**Performance of technology with performance indicator**	i. Organoleptic test ii. Height of children iii. Weight of children

OFT- 13

(Animal Husbandry)

i.	**Season**	**Kharif/ Rabi**
ii.	**Title of OFT**	**Comparative assessment of hormone (GnRH) and mineral mixture supplement for improving postpartum anestrus in cattle.**
iii.	**Problem diagnose**	Postpartum infertility in cattle.
iv.	**Important Cause**	Hormonal imbalance and nutrient deficiency.
v.	**Farming situation**	Animal husbandry + Agriculture
vi.	**Micro Farming System**	Semi-intensive
vii.	**Technology for testing**	Deworming & Mineral Mixture
viii.	**Existing Practices**	Open grazing and feeding of dry fodder
ix.	**Hypothesis**	Proper deworming and mineral mixture of hormone and mineral mixture supplement for improving post partum anestrus like situation.
x.	**Objective**	To assess the suitable treatment of postpartum infertility.
xi.	**Details of technology selected for assessment/refinement**	**FP**- Dewormer + Mineral Mixture @ 50 gm/day **TO_1** – FP + Inorganic Phosphorus Inj. + Vitamin AD_3E Inj. @ 10 ml alternate day + Micro minerals 1 Bolus for 28 days **TO_2** – FP + TOI + GnRH Inj. @ 5 ml st the time of AI.
xii.	**Critical input**	Medicine
xiii.	**Source of technology**	BVC, Patna
xiv.	**Design**	RBD
xv.	**Replication**	10
xvi.	**Unit size**	01
xvii.	**Unit cost**	Rs. 2200.00
xviii.	**Total cost**	Rs. 22000.00
xix.	**Production system and thematic area**	Cattle based production system
xx.	**Performance of technology with performance indicator**	• No. of Animals come in heat • No. of animal pregnant

OFT- 14

(Animal Husbandry)

i.	**Season**	**Rabi**
ii.	**Title of OFT**	**Assessment of performance of different herbal low cost dewormer in Goats in Gumla district.**
iii.	**Problem diagnose**	Poor growth due to heavy worm infestation
iv.	**Important Cause**	Poor availability of dewormer medicines in village level and cost of dewormer lack of awareness.
v.	**Farming situation**	Animal husbandry + Agriculture
vi.	**Micro Farming System**	Livestock base farming system
vii.	**Technology for testing**	Utilization of neem leaves and powder as a dewormer in goats
viii.	**Existing Practices**	Free range grazing system without proper deworming due to high price and unavailability in local market
ix.	**Hypothesis**	Use of low cosyt herbal dewormer may be increased body weight of goat.
x.	**Objective**	To use different locally available herbal low cost dewormer to increase growth rate of goats.
xi.	**Details of technology selected for assessment/refinement**	**FP**- Rearing of goat without proper de worming **TO_1** – Rearing of Goat + De worming with Fenbendazole and Praziguantal@ 6-8 mg/kg body weight, orally in empty stomatch (Single dose) **TO_2** – Rearing of goat + De worming with neem flower powder @ 0.50 gm/ 5kg body weight with molassess orally in empty stomatch (for 3 days) **TO_3** – Rearing of goat + De worming with neem leaf powder @ 0.50 gm/ 5kg body weight with molassess orally in empty stomatch (for 3 days)
xii.	**Critical input**	Deworming Medicine, Molassess and vaccine
xiii.	**Source of technology**	Tamilnadu university of veterinary and animal sciences.
xiv.	**Design**	RBD
xv.	**Replication**	3
xvi.	**Unit size**	6 goat/unit
xvii.	**Unit cost**	Rs. 2200.00
xviii.	**Total cost**	Rs. 5000.00 (Approx)
xix.	**Production system and thematic area**	Cattle based production system
xx.	**Performance of technology with performance indicator**	• Weight gain • Worm load before and after deworming • B:C ratio

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

Sl. No.	Name of the project	Fund expected (Rs.)
1.	AICRP Niger FLD & Trial	100000.00
2.	NICRA	855000.00
3.	ARYA	2000000.00
4.	Empowerment of Women through Mushroom production (Aspirational District Project)	500000.00
5.	ASCI	515000.00
6.	Nutri-Sensitive Agricultural Resources and Innovation (NARI)	50000.00
7.	Gramin Krishi Mausam Sewa (GKMS)	1062000.00
8.	Farmer Producer Organization (FPO)	500000.00
Total		**5582000.00**

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

SN	Title	Date
1	Lac cultivation become the boon of Nagar village farmers	September 22
2	Bee keeping Changing the life farmers	October 22
3	Empowering women through Mushroom cultivation	November 22
4	Promotion of mustard cultivation become the boon among tribal farmer	December 22

12. Scientific Advisory Committee

Date of SAC meeting held during 2020-21	Proposed date during 2022-23
03/03/2021	20/09/22

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	600	12	01	375	82	107	23	494	106	600	67	3000
Water Samples	20	-	-	06	02	10	02	16	04	20	04	
Total	**1220**	**12**	**01**	**381**	**84**	**117**	**25**	**510**	**110**	**620**	**71**	

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