ANNUAL PROGRESS

REPORT

January 2022 to December 2022

KVK-Govindnagar (Narmadapuram)

Year of sanction:2022

1.1 Name of the Programme Coordinator with phone & mobile No

Name	Telephone / Contact		
	Office	Mobile	Email
Dr. Sanjeev Kumar Garg	9644182002	9074929751	agrisanjeev75@gmail.com

1.2 Staff Position on (31th Dec.2022)

S. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale with present basic (Rs.)	Date of Joining	Date of joining this KVK (Year)	Contact No.	Email ID	Photo
1	Programme Coordinator									
2	Subject Matter Specialist	Dr. Sanjeev Kumar Garg	In charge Senior scientist & Head	Agriculture extension	15600-39100 (5400) 63100	05.03.2018	2018	9074929751	agrisanjeev75@gmail.com	
3	Subject Matter Specialist	Shri Brajesh Kumar Namdev	SMS	Plant Protection	15600-39100 (5400) 63100	01.03.2018	2018	9770374647	brajesh.jnkvv@gmail.com	
4	Subject Matter Specialist	Dr Devidas Patel	SMS	Plant Breeding and Genetics	15600-39100 (5400) 63100	05.03.2018	2018	9424854251	devidaspatelp24@gmail.com	
5	Subject Matter Specialist	ShriLavesh Kumar Chourasia	SMS	Horticulture	15600-39100 (5400) 63100	09.03.2018	2018	9425990334	laveshchourasia@gmail.com	
6	Subject Matter Specialist	Dr. AkanchhhaPandey	SMS	Home Science	15600-39100 (5400) 63100	15.03.2018	2018	9425814702	akanchha.pandey3190@gmail.com	
7	Subject Matter Specialist	Rajendra Patel	SMS	Agronomy	15600-39100 (5400) 56100	31.12.2022	2018	8889933251 /7000034381	rajendrajhagari@gmail.com	
8	Programme Assistant	Dr. Praveen Solanki	PA	Environmental Science	39900	13.03.2018	2018	9893308407	praveen.solanki746@gmail.com	
9	Computer Programmer / Programme Assistant	Shri Rahul Majhi	PA	B tech - IT Computer	39900	05.03.2018	2018	7049488553	rahulmajhi1989@gmail.com	

10	Farm Manager	Shri Pankaj Sharma	PA	Agriculture Extension	39900	09.03.2018	2018	9713309916	prs2590@gmail.com	
11	Assistant	Shri Vikas Mohrarir	ASS.	MBA	39900	01.03.2018	2018	9893780803	vm.viraj2011@gmail.com	
12	Jr. Stenographer / Comp. Operator	Abhay Warathe	STENO	MCA	25500	31.01.2022	2022	7999788438	waratheabhay701@gmail.com	
13	Driver	Shri Omkarsingh Rajput	Driver	Graduation	24500	03.08.2018	2018	8223026737	Orajput52@gmail.com	
14	Driver	Shri Nabab singh Kourav	Driver	Graduation	21700	31.01.2022	2022	6261040206	Kourav37@gmail.com	
15	Supporting staff	Shri Jitendra Kumar Jain	SSS	Graduation	20300	15.03.2018	2018	9713949900	Jitendrakumarajain68@gmail.com	
16	Supporting staff	Shri Piyush Jha	SSS	Post Graduation	20300	04.08.2018	2018	8839539126	jhapiyush01@gmail.com	

1.3 Total land with KVK (in ha): 50 acres

S. No.	Item	Area (ha)
1	Under Buildings	2.5
2	Under Demonstration Units	2
3	Under Crops	13
4	Orchard/Agro-forestry	-
5	Others (specify)	2.5
Total		**20**

1.4 Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1	Administrative Building	Gov. of M.P under RKVY	January		1.08	April		**Complete**
2	Farmers Hostel	Non	-	-	-	-	-	
3	Staff Quarters (6)	ICAR	May	400	90.90	-	-	**Complete**
4	Demonstration Units (2)	Non	-	-	-	-	-	-
5	Fencing	Non						
6	Rain Water harvesting system	Non						
7	Threshing floor	Non						
8	Farm godown	Non						

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor	2018	635500	35099	Working
Motor Cycle 2				
Bolero(Jeep)	2018	747042	96645	Working
Other (Pl. specify)				

C) Equipment & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Projector	2019	34067	Working
Xerox Machine	2017	79038	Working
Camera	2019	25900/-	Working
Computer	2019	85600/-	Working
Computer 2	2022	104000/-	Working
Laser Printer	2019	10600/-	Working
Laser jet Printer	2019	16500/-	Working
Laser ink jet Printer	2019	10600/-	Working
Hp smart tank printer	2022	25000/-	Working
TV 2	2016,2007	57500,22000	Working

1.5.(A). Details of SAC meeting to be conducted in the year

KVK Name	Date of SAC meeting 2022	No. of SAC members (only) attended	Major action points*

2. DETAILS OF DISTRICT

Major farming systems / enterprises (based on the Agro-ecological situation analysis made by the KVK) Add AES if needed

S. No.	Farming system/enterprise	Description
1	AES – 1	
2	AES – 2	
3	AES – 3	
4		
5		
6		

Description of Agro-climatic Zone & major agro-ecological situations (based on soil and topography)

S. No.	Agro-climatic Zone	Characteristics
1	AES – 1	
2	AES - 2	
3	AES – 3	
4	AES – 4	
5	AES – 5	
6	AES – 6	

SWOT Analysis of each Agro-Ecological Situations of district

AES-1 (name)

Strength	Weakness	Opportunities	Threats
□	□	□	□

AES-2 (name)

Strength	Weakness	Opportunities	Threats
□	□	□	□

AES-3 (name)

Strength	Weakness	Opportunities	Threats
□	□	□	□

AES-4 (name)

Strength	Weakness	Opportunities	Threats
□	□	□	□

Add AES if needed

Land Use Pattern

Total Geographical area	668.69
Forest	175.33
Waste Land	2.62
Other than cultivated area	-
Cultivable waste and alkaline land	-
Pastures	25.28
Bushes	-
Current Fallow	5.39
Other Fallow	7.61
Agricultural Land	325.50
Area Sown	325.50
Kharif	293.86
Rabi	325.00
Zaid	301.5
Cropping Intensity	300

Irrigated Area with Different Sources:

S. No.	Description	Area (ha)
1	Canal	147.1
2	Well	53.5
3	Tube well	71.3
4	Ponds	1.1
5	Others	52.0

Soil types

S. No.	Soil type	Characteristics	Area "000 ha"
1	Deep soil	Heavy clays have a very high water-holding capacity, but most of the water is tightly bound and not available to plants. The humus content is often higher than in other mineral soils. They do not form a crust when they dry.	433.2
2	Medium deep soils	Medium-textured soils have equal parts sand, silt and clay. Finely textured soils are mostly clay or clay and silt. The same weight of clay can hold 50 times as much water as very fine sand particles	26.8
3	Shallow soils	Soil is light, warm, dry and tends to be acidic and low in nutrients. Light soils are often known as sandy soils due to their high proportion of sand and little clay (clay weighs more than sand). These soils have quick water drainage and are easy to work with	209.8
4			

Note: Figure. In parenthesis denotes the percentage of total area.

Area, Production and Productivity of major crops cultivated in the district

S. No	Crop	Area (lakh ha)	Production (mt)	Productivity (q/ha)
1	Wheat	256.98	1311.0	51.00
2	Summer Green gram	250.00		16.00
3	Paddy	196.30		51.00
4	Soybean	26.08		18.00
5	Chickpea	64.40	167.00	26.00

Weather data (Jan, 2022- Dec., 2022)

Month /Year	Rainfall (mm)	Temperature (^{0} C)	
		Maximum	Minimum
Jan, 22	8.20	26.90	2.90
Feb, 22	0.00	16.40	5.40
Mar, 22	0.00	41.10	10.00
Apr, 22	0.00	44.50	15.60
May, 22	0.20	42.60	21.50
Jun, 22	171.70	43.70	20.40
July, 2022	859.80	34.20	22.60
Aug., 2022	676.00	35.20	21.60
Sept., 2022	217.20	35.20	21.10
Oct. 2022	71.60	33.90	12.90
Nov. 2022	0.00	34.30	8.20
Dec. 2022	0.00	30.10	6.60

Production and productivity of livestock, Poultry, Fisheries etc. in the district

Category	Population	Production	Productivity
Cattle			
Crossbred/ Indigenous		……. MT.	…… kg
Buffalo		……. MT.	……. kg
Sheep			

Crossbred/ Indigenous		…… MT wool	……. kg
Goats		……. MT	……. kg
Pigs *Crossbred/ Indigenous*		---	---
Rabbits			
Poultry			
Hens		……. Lakh eggs	…… eggs/ bird/yr
Turkey and others			
Category	**Area**	**Production**	**Productivity**
Fish	……. (ha)	…….Q/ month	…….. Q/ ha.

Details of Operational area / Villages (2022)

Sl. No.	Tehsil	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Narmadapuram	Narmadapuram	Tindwada, Maharajganj, Jhiriya, Nejarkheda, Koda Padrai, Dhadaw padaw	Okra, Brinjal, Paddy, Wheat, Greengram, Chickpea, Pigeonpea and Goatery & Poultry	unavailability of improved breed of poultry & Goatery, unavailability of green fodder, awareness of vaccination	Promotion of Integrated farming system, Livestock up gradation and Management, Seed replacement-use of high yielding varieties tolerant to biotic and abiotic factors, Promotion of Horticultural crops., Crop Diversification, Soil Health Improvement, Pest management in crops, Water Conservation and Management, Employment generation for rural youths through agri. Enterprises, Strengthening of marketing network
2	Itarsi	Kesla				
3	Dolariya	Kesla				
4	Seoni Malwa	Seoni Malwa				
5	Babai	Babai				
	Sohagpur	Sohagpur				
	Pipariya	Pipariya				
	Bankhedi	Bankhedi				

Priority / Thrust areas

S. No.	Particulars
1.	Organic Farming
2.	Employment generation
3	Resource base Livelihood
4	Miltch animal-based production system
5	Nutritional security for farm women & children

TECHNICAL PROGRAMME

A. Details of targeted mandatory activities by KVK

OFT		FLD and CFLD	
1		2	
Number of OFTs	Number of Farmers	Number of FLDs	Number of Farmers
20	145	6	60

Training		Extension Activities	
3		4	
Number of Courses	Number of Participants	Number of activities	Number of participants
41	1065	343	5994

Seed Production (Qtl.)	Planting material (Nos.)
364.92	

B. Abstract of interventions undertaken

S. No.	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT	Title of FLD	Title of Training	Title of training for extension personnel	Extension activities	Supply of seeds, planting materials etc.
1	Variety Evaluation	wheat	Used of old variety GW 322 It is give low yield due to infected by disease and pest	Assessment of improved variety DBW- 187 (Karan Vandna) of wheat		Weed Management			
2	Variety evaluation	chickpea	Used of old varieties of chickpea, this varieties susceptible to diseases.	Assessment of improved variety JG 36 of chickpea					
3	Natural Farming	Green gram	High cost of crop cultivation under chemical farming	Assessment of Natural Farming package of practices in Greengram (1st Year)					
4	Natural Farming	Paddy	High cost of crop cultivation under chemical farming and soil degrades	Assessment of organic farming package of practices in Paddy (1st Year)		Balance Use of fertilizer			
5	Natural Farming	Wheat	High cost of crop cultivation under chemical farming	Assessment of Natural Farming package of practices in Wheat (1st Year)		Liquid organic manure			
6	Natural Farming	chickpea	High cost of crop cultivation under chemical farming	Assessment of Natural Farming package of practices in chickpea (1st Year)		Use of Prom			
7	Organic farming	Greengram	Degradation of Soil fertility	Assessment of PROM for the nutrient management in Greengram (1st Year)					
8	Organic farming	Paddy	Degradation of Soil fertility	Assessment of PROM for the nutrient management in Paddy (1st Year)					
9	Organic	Wheat	Degradatio	Assessment of PROM for the nutrient					

	farming		n of Soil fertility	management in Wheat (1st Year)					
10	IPM	Maize	Heavy infestation of FAW reduce crop yield.	Assessment of insecticide for management of Fall Army Worm in Maize		Integrated Pest Management			
11	IPM	Tomato	Heavy infestation of Tuta absoluta reduce 80-90% yield and quality of fruits	Assessment of insecticide against Invasive pest Tuta absoluta on its incidence based on pheromone trap catches		Integrated Disease Management	Integrated Pest Management		
12	IPM	Tomato	Heavy infestation of Tuta absoluta reduce 80-90% yield and fruit quality	Assessment of bio-agents for management of Invasive pest Tuta absoluta in tomato		Bio0control of pests and diseases			
13	ITK	Brinjal	The major problem of Brinjal fruit and shoot borer in district so use of chemical spray of control fruit and shoot borer To manage heavy infestation of insects due to expansive cost of pesticide. The indiscriminate use pesticide also not safe of human heath as well as environment.	Assessment of Tobacco-soaked -mixed cow dung compost in Brinjal for controlling fruit and shoot borer (ITK)		Production of bio control agents and bio pesticides			
14	Precision Agriculture	Sweet corn	Farmers grow common maize so not get	Assessment of sweet corn in precision agriculture (1st Year)	Demonstration of sponge gourd, Bottle	Off season vegetables	Protected cultivation technology		

			low yield and low return		gourd & Bitter gourd in backyard for additional income				
15	Crop Diversification	Strawberry	In Rabi season farmers grow conventional vegetable crops and market glut so get low return	Assessment of Strawberry Production (1st Year)	Demonstration of HYV variety Kashi Aman of Tomato	Nursery raising			
16	Varietal Evaluation	chilli	In Kharif season farmers grow chilly in flat bed so Crop damaged due to water logging conditions and pest attack	Assessment of ridge & furrow method for Kharif chilli NSC 624 B production (2nd Year)	Demonstration of Improved Variety of Cabbage Pusa Mukta				
17	Extension/ICT	Smart phone agri-applications	Low knowledge of Smart phone agri-applications	Role of Smart phone agri-applications in dissemination agri- information		Protective cultivation			
18	Income Generation	Kutki	Due to non availability of miner millets seeds	Promotion of variety JK-4 Kutki millet production for nutrition security (3rd Year)	Demonstration on backyard poultry farming	Household food security by kitchen gardening and nutrition gardening			
19	Income Generation	Kodo	Due to non availability of miner millets seeds	Assessment of variety Indira—1 Kodo millet production for nutrition security 3year	Demonstration on establishment of Backyard Kitchen Garden	Design and development of low/minimum cost diet			

20	Income Generation	Sawa	Due to non-availability of miner millets seeds	Assessment of variety Sawa V L 29 millet production for nutrition security 2year	Demonstration on finger millet for lactating women	Gender mainstreaming through SHGs			
	Income Generation					Kadaknath Farming			

Technologies assessed

A.1 **Abstract on the *number of* technologies assessed in respect of crops**

Thematic areas	**Cereals**	**Oilseeds**	**Pulses**	**Commercial Crops**	**Vegetables**	**Fruits**	**Flower**	**Plantation crops**	**Tuber Crops**	**TOTAL**
Varietal Evaluation & Natural Farming & Organic Farming	Wheat									
Organic Farming	Paddy									
Varietal Evaluation & IPM	Maize									
Income generation	Kodo									
Income generation	Kuti									
Income generation	Sawa									
Precision Agriculture	Sweet Corn									
Natural Farming & Organic Farming			Green gram							
Varietal Evaluation & Natural Farming			Chickpea							
Varietal Evaluation					Chilli					
IPM					Brinjal					
IPM					Tomato					
Precision Agriculture						Strawberry				
TOTAL	**7**		**2**		**3**	**1**				**13**

Abstract on the number of technologies assessed in respect of livestock/enterprises

Thematic areas	**Cattle**	**Poultry**	**Sheep**	**Goat**	**Piggery**	**Rabbitry**	**Fisheries**	**TOTAL**
TOTAL								

Detailed Information about OFT: CP

Title of on-farm trial:	**Assessment of improved variety DBW- 187 (Karan Vandna) of wheat 3rd year**
Year/Season:	**Rabi 2021-22**
Problem diagnosis:	**Used of old variety GW 322 It is give low yield due to infected by disease and pest**
Thematic area:	**Variety Evaluation**
No of trials:	**5**
No. of farmers involved	**5**
Type of OFT (Assessment / Refinement):	**Assessment**
Details of technology selected for :	
T1 – Farmers Practice-	**Used of old variety GW 322**
T2 –Recommended Practice-	**improved variety DBW- 187 (Karan Vandna)**
Date of sowing:	**Nov. 2021**
Date of harvesting:	**April 2022**
Source of technology:	**IIWBR Karnal**
Characteristics of technology:	**High yielding with Multi disease resistance**
Name of Crop/Enterprises:	**Wheat**
Performance Parameter	**No. of tillers/plant, no. of grains/plant, days to maturity, yield/ha.**

Results

Treatments	Yield (q/ha)	Gross cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Net Profit (Rs/ha)	benefit-cost ratio
T1 – Farmers Practice-	**56.60**	**38425**	**114049**	**75624.00**	**2.96**
T2 –Recommended Practice-	**65.80**	**37550**	**132587**	**95037.00**	**3.53**

Detailed Information about OFT: CP

Title of on-farm trial:	**Assessment of improved variety JG 36 of chickpea 3rd year**
Year/Season:	**Rabi 2021-22**
Problem diagnosis:	**Used of old varieties of chickpea, this varieties susceptible to diseases.**
Thematic area:	**Variety evaluation**
No of trials:	5
No. of farmers involved	5
Type of OFT (Assessment / Refinement):	**Evaluation**
Details of technology selected for:	**Assessment**
T1 – Farmers Practice-	**Use of old variety JG 315 and JG 11**
T2 –Recommended Practice-	**Use of improved variety JG 36**
Date of sowing:	**Nov.** 2021
Date of harvesting:	**March** 2022
Source of technology:	**JNKVV, Jabalpur**
Characteristics of technology:	**High yield, Multi Resistance to disease and pest**
Name of Crop/Enterprises:	**chickpea**
Performance Parameter	**No, of branches/plant, no. of grains/plant, days to maturity, yield/ha.**

Result

Treatments	Yield (q./ha)	Gross cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Net Profit (Rs/ha)	benefit-cost ratio
T1 – Farmers Practice-	**15.20**	**22425**	**79496**	**57071.00**	**3.54**
T2 –Recommended Practice-	**18.50**	**21540**	**96755**	**75215.00**	**4.49**

Detailed Information about OFT: CP

Title of on-farm trial:	**Assessment of Natural Farming package of practices in Greengram (1st Year)**
Year/Season:	**2022, Summer**
Farming situation:	**Irrigated**
Problem diagnosis:	**High cost of crop cultivation under chemical farming**
Thematic area:	**Natural Farming**
No of trials:	**05**
No. of farmers involved	**05**
Type of OFT (Assessment / Refinement):	**Assessment**
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	**Application of chemical fertilizers and pesticide**
T2 –Recommended Practice-	**Application of natural farming package of practices**
Date of sowing:	**March 2022**
Date of harvesting:	**May 2022**
Source of technology:	**G.B. Pant University and Technology Pantnagar**
Characteristics of technology:	**Short duration, Cost saving**
Name of Crop/Enterprises:	**Greengram**
Performance Parameter	**No. of branches/plant, no. of seeds/plant, yield/plant, days to maturity**

Result

Treatment	Yield (q./ha)	Gross cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Net Profit (Rs/ha)	benefit-cost ratio
T1 – Farmers Practice-	**12.5**	**25695**	**88437.5**	**62742.5**	**3.44**
T2 –Recommended Practice-	**10.25**	**10895**	**72518.75**	**61623.75**	**6.65**

Detailed Information about OFT: CP

Title of on-farm trial:	**Assessment of organic farming package of practices in Paddy (1st Year)**
Year/Season:	**2022, Rabi**
Farming situation:	**Irrigated**
Problem diagnosis:	**High cost of crop cultivation under chemical farming and soil degrades**
Thematic area:	**Organic Farming**
No of trials:	**05**
No. of farmers involved	**05**
Type of OFT (Assessment / Refinement):	**Assessment**
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	**Application of chemical fertilizers, weedicide and insecticides**
T2 –Recommended Practice-	**Application of organic farming package of practices**
Date of sowing:	**Oct. 2022**
Date of harvesting:	**March 2023**
Source of technology:	**N.C.O.F Ghaziabad (U.P.)**
Characteristics of technology:	**Cost saving of crop cultivation**
Name of Crop/Enterprises:	**Chickpea**
Performance Parameter	**No. of branches /plant, no. of seeds/plant, yield/plant, days to maturity**

Result

Treatments	**Yield (q./ha)**	**Gross cost of cultivation (Rs/ha)**	**Gross Return (Rs/ha)**	**Net Profit (Rs/ha)**	**benefit-cost ratio**
T1 – Farmers Practice-	**47.5**	**38815.00**	**95000.00**	**56149.00**	**2.22**
T2 –Recommended Practice-	**37.6**	**29560.00**	**75200.00**	**45640.00**	**2.54**

Detailed Information about OFT: CP

Title of on-farm trial:	**Assessment of Natural Farming package of practices in Wheat (1st Year)**
Year/Season:	**2022, Rabi**
Farming situation:	**Irrigated**
Problem diagnosis:	**High cost of crop cultivation under chemical farming**
Thematic area:	**Natural Farming**
No of trials:	**05**
No. of farmers involved	**05**
Type of OFT (Assessment / Refinement):	**Assessment**
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	**Application of chemical fertilizers, weedicide and insecticides**
T2 –Recommended Practice-	**Application of natural farming package of practices**
Date of sowing:	**November 2022**
Date of harvesting:	**April 2023**
Source of technology:	**G.B. Pant University and Technology Pantnagar**
Characteristics of technology:	**Cost saving**
Name of Crop/Enterprises:	**wheat**
Performance Parameter	**No. of tillers/plant, no. of seeds/plant, yield/plant, days to maturity**

Result

Performance indicators/ parameters	Parameter Yield(q/ha)	Gross cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Average Net Profit (Rs/ha)	benefit-cost ratio
T1 – Farmers Practice	**54.60**	**39425**	**116025**	**76600**	**2.94**
T2 –Recommended Practice	**20**	**19000/-**	**60000/-**	**41000/-**	**3.15**

Detailed Information about OFT: CP

Title of on-farm trial:	**Assessment of Natural Farming package of practices in chickpea (1st Year)**
Year/Season:	**2022, Rabi**
Farming situation:	**Irrigated**
Problem diagnosis:	**High cost of crop cultivation under chemical farming**
Thematic area:	**Natural Farming**
No of trials:	**05**
No. of farmers involved	**05**
Type of OFT (Assessment / Refinement):	**Assessment**
Details of technology selected for assessment/ refinement:	**Application of chemical fertilizers, weedicide and insecticides**
T1 – Farmers Practice-	**Application of natural farming package of practices**
T2 –Recommended Practice-	**November 2022**
Date of sowing:	**April 2023**
Date of harvesting:	**G.B. Pant University and Technology Pantnagar**
Source of technology:	**Cost saving**
Characteristics of technology:	**chickpea**
Name of Crop/Enterprises:	**No. of branches/plant, no. of seeds/plant, yield/plant, days to maturity**

Result

Performance indicators/ parameters	Parameter Yield(q./ha)	Gross cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Average Net Profit (Rs/ha)	benefit-cost ratio
T1 – Farmers Practice	**20.50**	**27560**	**109367.5**	**81807.5**	**3.9**
T2 –Recommended Practice	**17.80**	**17800**	**93362.5**	**75562.5**	**5.24**

Detailed Information about OFT:SFM

Title of on-farm trial:	**Assessment of PROM for the nutrient management in Greengram (1st Year)**
Year/Season:	**2022, Summer**
Farming situation:	**Irrigated**
Problem diagnosis:	**Degradation of Soil fertility**
Thematic area:	**Organic farming**
No of trials:	**05**
No. of farmers involved	**05**
Type of OFT (Assessment / Refinement):	**Assessment**
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	**Imbalance application of fertilizers**
T2 –Recommended Practice-	**soil test based PROM nutrient management**
Date of sowing:	**February 2022**
Date of harvesting:	**May 2022**
Source of technology:	**NIT Durgapur West Bengal**
Characteristics of technology:	**Eco friendly**
Name of Crop/Enterprises:	**Green gram**
Performance Parameter	**Soil fertility management, Yield per ha., Net return , B:C ratio**

Result

Performance indicators/ parameters	Parameter Yield(q./ha)	Gross cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Average Net Profit (Rs/ha)	benefit-cost ratio
T1 – Farmers Practice-	**13.7**	**26,840**	**96,927**	**70,087**	**3.61**
T2 –Recommended Practice-	**11.5**	**24,370**	**81,362**	**56,992**	**3.33**

Detailed Information about OFT:SFM

Title of on-farm trial:	**Assessment of PROM for the nutrient management in Paddy (1st Year)**
Year/Season:	**2022, Kharif**
Farming situation:	**Irrigated**
Problem diagnosis:	**Degradation of soil fertility**
Thematic area:	**Organic Farming**
No of trials:	**05**
No. of farmers involved	**05**
Type of OFT (Assessment / Refinement):	**Assessment**
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	**Imbalance application of fertilizers**
T2 –Recommended Practice-	**Soil test based nutrient application**
Date of sowing:	**July 2022**
Date of harvesting:	**November 2022**
Source of technology:	**NIT Durgapur West Bengal**
Characteristics of technology:	**Soil test-based application of PROM to increase the yield of Paddy**
Name of Crop/Enterprises:	**Paddy**
Performance Parameter	**Soil fertility management, Yield per ha., Net return, B:C ratio**

Result

Performance indicators/ parameters	Parameter Yield(q/ha)	Gross cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Average Net Profit (Rs/ha)	benefit-cost ratio
T1 – Farmers Practice-	**46.5**	**36,750**	**93,000**	**56,250**	**2.53**
T2 –Recommended Practice-	**40.2**	**34,200**	**80,400**	**46,200**	**2.35**

Detailed Information about OFT:SFM

Name of Discipline Soil Science	**Soil Science**
Title of on-farm trial:	**Assessment of PROM for the nutrient management in Wheat (1st Year)**
Year/Season:	**2022- Rabi**
Farming situation:	**Rainfed**
Problem diagnosis:	**Degradation of soil fertility**
Thematic area:	**Organic farming**
No of trials:	**05**
No. of farmers involved	**05**
Type of OFT (Assessment / Refinement):	**Assessment**
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	**Imbalance application of fertilizers**
T2 –Recommended Practice-	**Application of nutrients on soil test basis**
Date of sowing:	**November 2022**
Date of harvesting:	**April 2023**
Source of technology:	**New Technology**
Characteristics of technology:	**Soil test-based application of fertilizers to increase the yield of Wheat**
Name of Crop/Enterprises:	**Wheat**
Performance Parameter	**Soil fertility management Yield per ha., Net return, B:C**

Result

Performance indicators/ parameters	Parameter Yield(q/ha)	Gross cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Average Net Profit (Rs/ha)	benefit-cost ratio
T1 – Farmers Practice-	**52.4**	**38450/-**	**111350/-**	**72900/-**	**2.89**
T2 –Recommended Practice	**38.9**	**31500/-**	**82662/-**	**51162/-**	**2.62**

Detailed Information about OFT:PLP

Title of on-farm trial:	**Assessment of insecticide for management of Fall Army Worm in Maize**
Year/Season:	**Kharif 2022 (3rd year)**
Farming situation:	**Irrigated**
Problem diagnosis:	**Heavy infestation of FAW reduce crop yield.**
Thematic area	**IPM**
No of trials:	**05**
No. of farmers involved	**05**
Type of OFT (Assessment	**Assessment**
Details of technology:	
T1 – Farmers Practice-	**indiscriminate use of pesticide (Emamectin benziate 5 SG)**
T2 –Recommended Practice-	**Spinetoram 11.7% SC**
T3- Recommended Practice-	**Thiamethoxam 12.6% + Lambda cyhalothrin 9.5% ZC**
Date of sowing:	**July 2022**
Date of harvesting:	**October 2022**
Source of technology:	**Directorate of Plant Protection, Quarantine & Storage**
Characteristics of technology:	**Effective and reduce heavy infestation of FAW**
Name of Crop/Enterprises:	**Maize**
Performance Indicators	**Technical : Infestation % & yield q/ha, Economical : B:C ratio, Social :Farmers feed back**

Result

Performance indicators/ parameters	Infestation percentage	Parameter Yield(q./ha)	Gross cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Average Net Profit (Rs/ha)	benefit-cost ratio
T1 – Farmers Practice-	**9.87**	**31.28**	**28600**	**53176**	**24576**	**1.87**
T2 –Recommended Practice-	**4.66**	**41.34**	**31880**	**70278**	**38398**	**2.21**
T- 3 Recommended Practice-	**6.74**	**35.78**	**30280**	**60826**	**30546**	**2.01**

Detailed Information about OFT:PLP

Title of on-farm trial:	**Assessment of insecticide against Invasive pest *Tuta absoluta* on its incidence based on pheromone trap catches**
Year/Season:	**Rabi 2022-23 (3rd year)**
Farming situation:	**Irrigated**
Problem diagnosis:	**Heavy infestation of *Tuta absoluta* reduce 80-90% yield and quality of fruits**
Thematic area	**IPM**
No of trials:	**5**
No. of farmers involved	**5**
Type of OFT (Assessment	**Assessment**
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	**indiscriminate use of insecticides**
T2 –Recommended Practice-	**Installation of Pheromone traps @ 40/ha. for monitoring and mass trapping and application of Spinetoram 12 SC @ 1.25ml/L after adult catches in pheromone trap**
Date of sowing:	**November 2022**
Date of harvesting:	**February to April 2023**
Source of technology:	**NBAIR, IIHR* (*in Poly house condition)**
Characteristics of technology:	**Eco-friendly and effective and reduce heavy infestation of *Tuta absoluta***
Name of Crop/Enterprises:	**Tomato**
Performance Indicators	**Technical : yield q/ha, Economical : B:C ratio, Social :Farmers feed back**

Result

Performance indicators/ parameters	Infestation percentage	Parameter Yield(q/ha)	Gross cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Average Net Profit (Rs/ha)	benefit-cost ratio
T1 – Farmers Practice-	**30.8**	**392.0**	**191400**	**313600**	**122,200**	**1.64**
T2 –Recommended Practice-	**21.6**	**467.2**	**188500**	**373760**	**185260**	**1.98**

Detailed Information about OFT:PLP

Title of on-farm trial:	**Assessment of bio-agents for management of Invasive pest *Tuta absoluta* in tomato**
Year/Season:	**Rabi 2022-23 (3rd year)**
Farming situation:	**Irrigated**
Problem diagnosis:	**Heavy infestation of *Tuta absoluta* reduce 80-90% yield and fruit quality**
Thematic area	**IPM**
No of trials:	**5**
No. of farmers involved	**5**
Type of OFT (Assessment	**Assessment**
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	**indiscriminate use of Insecticide**
T2 –Recommended Practice-	**Application of Metarhizium anisopliae@1000ml/ha**
T3- Recommended Practice-	**Application of Spinosad 0.25 ml/l and Flubendiamide @ 0.2 ml/l**
Date of sowing:	**November 2022**
Date of harvesting:	**February to April 2023**
Source of technology:	**ICAR-IIHR Bangalore**
Characteristics of technology:	**Effective and reduce heavy infestation of *Tuta absoluta***
Name of Crop/Enterprises:	**Tomato**
Performance Indicators	**Technical : yield q/ha, Economical : B:C ratio, Social :Farmers feed back**

Result

Performance indicators/ parameters	Infestation percentage	Parameter Yield(q./ha)	Gross cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Average Net Profit (Rs/ha)	benefit-cost ratio
T1 – Farmers Practice-	**32.6**	**394.4**	**185400**	**315520**	**130120**	**1.70**
T2 –Recommended Practice-	**23.4**	**460.2**	**168600**	**368160**	**199560**	**2.19**
T3 –Recommended Practice-	**20.8**	**483.4**	**182600**	**386720**	**204120**	**2.12**

Detailed Information about OFT:PLP

Name of ITK	**Assessment of Tobacco-soaked -mixed cow dung compost in Brinjal for controlling fruit and shoot borer (ITK)**
Year/Season:	**2022-23 Kharif - Rabi (3rd Year)**
Major issues of the district :	**1. The major problem of Brinjal fruit and shoot borer in district so use of chemical spray of control fruit and shoot borer 2. To manage heavy infestation of insects due to expansive cost of pesticide. 3. The indiscriminate use pesticide also not safe of human heath as well as environment.**
Thematic area:	**ITK**
Type of OFT	**Assessment**
T1 – Farmers Practice	**Use of farmer practice (Spray of Pesticide)**
T2 –Recommended Practice-	**Use of chickpea is sown with coriander as mixed crop**
Reference Volume & page no. of ITK Book	**IITKA Traditional Knowledge in Agriculture pp 14-15 366**
Description of ITK	**The shoot and fruit borers are very common in Kauwakol, Jorawardih and Mananiyatari villages in Kauwakol block in Nawada district of Bihar. Tobacco is soaked in water in the ratio of 1 : 10 overnight and the extracted liquid is filtered through fine cotton cloth. The filtered material is sprayed either with spray machine or fine broom. Before spraying, 1-2 teaspoonful detergent powder is mixed in the filtered liquid. This is an age old practice by majority of the farmers in these villages.**

Result

Performance indicators/ parameters	Infestation percentage	Parameter Yield(q./ha)	Gross cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Average Net Profit (Rs/ha)	benefit-cost ratio
T1 – Farmers Practice-	**17.32**	**418**	**187,600**	**334400**	**146,800**	**1.78**
T2 –Recommended Practice-	**12.94**	**447**	**170,080**	**357600**	**187,520**	**2.10**

Detailed Information about OFT:HOV

Title of on-farm trial:	**Assessment of sweet corn in precision agriculture (1st Year)**
Year/Season:	**Summer 2022**
Farming situation:	**Irrigated**
Problem diagnosis:	**Farmers grow common maize so not get low yield and low return**
Thematic area:	**Precision Agriculture**
No of trials:	**5**
No. of farmers involved	**5**
Type of OFT (Assessment/ Refinement):	**Assessment**
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	**Flat bed and flood irrigation**
T2 –Recommended Practice-	**Sweet corn introduction in Drip & Plastic Mulching**
Date of sowing:	**February 2022**
Date of harvesting:	**May 2022**
Source of technology:	**IARI Pusa New Delhi**
Characteristics of technology:	**Sweet and higher price**
Name of Crop/Enterprises:	**Sweet corn**
Performance Indicators	**Water saving, Yield per ha. Net return, B:C ratio**

Result

Performance indicators/ parameters	Parameters	Parameter Yield (no. of cobs /ha)	Gross cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Average Net Profit (Rs/ha)	benefit-cost ratio
T1 – Farmers Practice-	**Number of cobs**	**30,000**	**75,750**	**1,20,000**	**44,250**	**1.58**
T2 –Recommended Practice-	**Number of cobs**	**60,000**	**93750**	**4,80,000**	**3,86,250**	**5.12**

Detailed Information about OFT:HOV

Title of on-farm trial:	**Assessment of Strawberry Production (1st Year)**
Year/Season:	**Rabi 2022-23**
Farming situation:	**Irrigated**
Problem diagnosis:	**In Rabi season farmers grow conventional vegetable crops and market glut so get low return**
Thematic area:	**Crop Diversification**
No of trials:	**5**
No. of farmers involved	**5**
Type of OFT (Assessment/ Refinement):	**Assessment**
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	**Conventional vegetable crops**
T2 –Recommended Practice-	**Strawberry fruit crop introduction in drip & plastic mulching**
Date of sowing:	**November 2022**
Date of harvesting:	**April 2023**
Source of technology:	**Maharashtra mahawaleswar & MP Ratlam Progressive farmer field**
Characteristics of technology:	**Sweet fruit and higher price**
Name of Crop/Enterprises:	**Strawberry Fruit**
Performance Indicators	**Yield per ha. Net return, B:C ratio**

Result

Performance indicators/ parameters	Parameters (Numbers of fruits/plant)	Parameter Yield (q./200 sq m)	Gross cost of cultivation (Rs/200 sq m)	Gross Return (Rs/200 sq m)	Average Net Profit (Rs/200 sq m)	benefit-cost ratio
T1 – Farmers Practice-	**1**	**2.00**	**800/-**	**1600/-**	**800/-**	**2.0**
T2 –Recommended Practice-	**17**	**3.5**	**4500/-**	**17,500/-**	**13,000/-**	**3.88**

Detailed Information about OFT: HOV

Title of on-farm trial:	**Assessment of ridge & furrow method for Kharif chilli Kashi Anmol production (2nd Year)**
Year/Season:	**Kharif 2022**
Farming situation:	**Irrigated**
Problem diagnosis:	**In Kharif season farmers grow chilly in flat bed so Crop damaged due to water logging conditions and pest attack**
Thematic area:	**Varietal Evaluation**
No of trials:	**5**
No. of farmers involved	**5**
Type of OFT (Assessment/ Refinement):	**Assessment**
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	**Old variety and Flatbed transplanting**
T2 –Recommended Practice-	**NSC 624 B variety & ridge & furrow transplanting and using Yellow Sticky Trap, Blue Sticky Trap and Pheromone Trap for management of pest**
Date of sowing:	**July 2022**
Date of harvesting:	**December 2022**
Source of technology:	**NSC**
Characteristics of technology:	**Leaf curl disease resistant variety**
Name of Crop/Enterprises:	**Chilly variety NSC 624 B (VR 339)**
Performance Indicators	**Yield per ha. Net return, B:C ratio**

Result

Performance indicators/ parameters	Parameters (Numbers of fruits/plant)	Parameter Yield(q./ha)	Gross cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Average Net Profit (Rs/ha)	benefit-cost ratio
T1 – Farmers Practice-	**20**	**160**	**1,00,000/-**	**3,20,000/-**	**2,20,000/-**	**3.2**
T2 –Recommended Practice-	**35**	**210**	**1,00,000/-**	**4,20,000/-**	**3,20,000/-**	**4.2**

Information about Extension OFT

Title	**Role of Smart phone agri-applications in dissemination agri- information**
Season & Year	**2022**
Problem identified	**Low knowledge of Smart phone agri-applications of**
Thematic Area	**Extension/ICT**
Farming situation	**Rice wheat Greengram cropping system**
Name of Technology Intervention under study	**MANAGE Hyderabad**
Farmers Practice T1	**No use of agri-applications**
Recommended Practice T2	**Use of agri-applications**
No. of replication (Farmers)	**50**
Date of Start :	**Jan 2022**
Date of End :	**Dec.2022**
Performance indicator	**Knowledge, income, use no. of app**

Results / findings (Please choose and give the parameters name and value according to suitable your OFT)

Technology	**विवरण**	**Result**	
		T1 Farmer Practices (not have smartphone)	**T2 Recommended Practices** (have smartphone)
Knowledge	Low	26 %	61 %
	Medium	32 %	28 %
	Maximum	55 %	11 %
Income	Low	34 %	69 %
	Medium	27 %	22 %
	Maximum	39 %	9 %
Yield			

Information about Home Science OFT

Title of on-farm trial:	**Promotion of variety JK-4 Kutki millet production for nutrition security (3rd Year)**
Year/Season:	**Kharif 2022**
Problem diagnosis:	**Due to non availability of miner millets seeds**
Thematic area:(Focus area in DFI and nutri smart initiatives)	**Income Generation**
No of trials:	**5**
No. of farmers/farm women involved	**5**
Type of OFT (Assessment)	**Assessment**
Details of technology selected for assessment:	
T1 – Farmers Practice-	**T1 Rice cultivation**
T2 –Recommended Practice-	**T2 JK-4 Kutki millet production**
Source of technology:	**JNKVV Jabalpur**
Characteristics of technology:	**Kutki millet is particularly high in the sulphur-containing amino acids cysteine and methionine and overall has a more balanced amino acid profile than other cereals. Kutki is especially rich in iron.**
Name of Crop/Enterprises:	**Kutki**
Farming situation:	**Irrigated**
Date of sowing:	**June 2022**
Date of harvesting:	**September 2022**
Performance Parameter	**Technical – Yield q/ha)** **Economical- B:C** **Social- Farmers feed back**

Result

Performance indicators/ parameters	**Varieties**	**parameter Yield(q./ha)**	**Gross cost of cultivation (Rs/ha)**	**Gross Return (Rs/ha)**	**Average Net Profit (Rs/ha)**	**benefit-cost ratio**
T1 – Farmers Practice-	**-**	**0**	**0**	**0**	**0**	**0**
T2 –Recommended Practice-	**JK-4 Kutki**	**4.5.**	**9250**	**2650**	**17500**	**2.89**

Information about Home Science OFT

Title of on-farm trial:	**Assessment of variety Indira—1 Kodo millet production for nutrition security 3year**
Year/Season:	**Kharif 2022**
Problem diagnosis:	**Due to non availability of miner millets seeds**
Thematic area:(Focus area in DFI and nutri smart initiatives)	**Income Generation**
No of trials:	**5**
No. of farmers/farm women involved	**5**
Type of OFT (Assessment/ Refinement):	**Assessment**
T1 – Farmers Practice-	**T1 Rice Cultivation**
T2 –Recommended Practice-	**T2 Indira --1 Kodo millet production**
Source of technology:	**JNKVV Jabalpur**
Characteristics of technology:	**It is high protein content, low fat ,and very high fiber content**
Name of Crop/Enterprises:	**Kodo**
Farming situation:	**Irrigated**
Date of sowing:	**June 2022**
Date of harvesting:	**September 2022**
Performance indicator	**Technical – Yield q/ha)** **Economical- B :C** **Social- Farmers feed back**

Result

Performance indicators/ parameters	Parameter Yield(q/ha)	Gross cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Average Net Profit (Rs/ha)	benefit-cost ratio
T1 – Farmers Practice-	**0**	**0**	**0**	**0**	**0**
T2 –Recommended Practice-	**5.5**	**9500**	**28630**	**19130**	**3.01**

Information about Home Science OFT

Title of on-farm trial:	**Assessment of variety Sawa V L 29 millet production for nutrition security 2year**
Year/Season:	**Kharif 2022**
Problem diagnosis:	**Due to non-availability of miner millets seeds**
Thematic area:(Focus area in DFI and nutri smart initiatives)	**Income Generation**
No of trials:	**5**
No. of farmers/farm women involved	**5**
Type of OFT (Assessment/ Refinement):	**Assessment**
T1 – Farmers Practice-	**T1 Rice production**
T2 –Recommended Practice-	**T2 Sawa V L 29 production**
Source of technology:	**JNKVV Jabalpur**
Characteristics of technology:	**It is the richest source of crude fiber and iron**
Name of Crop/Enterprises:	**Sawa**
Farming situation:	**Irrigated**
Date of sowing:	**June 2022**
Date of harvesting:	**September 2022**
Performance indicator	**Technical – Yield q/ha) Economical- B :C Social- Farmers feed back**

Result

Performance indicators/ parameters	Parameter Yield(q/ha)	Gross cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Average Net Profit (Rs/ha)	benefit-cost ratio
T1 – Farmers Practice-	**0**	**0**	**0**	**0**	**0**
T2 –Recommended Practice-	**2.4**	**1823**	**19200**	**17373**	**9.5**

Frontline Demonstrations

Details of FLDs organized (Based on soil test analysis)

KVK Name	Season	Discipline (Agronomy/Horticulture/ Soil Science/Plant Protection/Plant Breeding/ Agroforestry)	Thematic area	Technology for demonstration	Crop Category	Name of Crop	Name of Variety	Farming Situation (rainfed/irrigated/semi-irrigated)	Completed/Ongoing	Crop - Area (ha)	No. of farmers			
											SC	ST	Others	General
Govind nagar	Kharif	Soil Science	SFM	Assessment of Soil Test Based application of Ammonium Sulphate, Zinc Sulphate and RDF in Paddy	Cereal	Paddy	Kranti 6444	irrigated	Completed	04	3	3	-	4

Economic Impact of Crop FLD

KVK Name	Technology for demonstration	Name of Crop/ Enterprise	Name of Parameter	Name of Unit	Result		Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
					FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)
Govind nagar	Improve variety	Okra (Pusa-5)	Yield (q/ha)	Yield (q/ha)	113	176	80,000/-	80,0000/-	2,26,000/-	3,52,000/-	1,46,000/-	2,72,000/-	2.8	4.4
Govind nagar	Demonstration of Improved Variety of Wheat DBW-187	Wheat	DBW-187	Irrigated	50.0	55.40	37542	38425	106250	117125	68708	79300	2.8	3.06

Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1	Field days	3	September, March and April	46
2	Farmers Training	1	November	20
3	Media coverage	-	-	-
4	Training for extension functionaries	-	-	-

Details of FLD on Enterprises

Farm Implements

Details of FLDs on Agriculture Engineering implemented during Jan-2022 to Dec-2022

KVK Name	Season	Thematic area	Technology for demonstration	Crop/ Enterprise Category	Name of Crop/ Enterprise	Name of Variety/Technology/ Enterprise	Farming Situation (rainfed/irrigated/semi-irrigated)	Completed/Ongoing	Crop- Area (ha) / Entrep - No.	No. of farmers			
										SC	ST	Others	General

Economic Impact of Agriculture Engineering FLD

KVK Name	Technology for demonstration	Name of Crop/ Enterprise	Name of Performance parameters / indicators	Name of Unit	* Data on parameter in relation to technology demonstrated		Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
					FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)

**Field efficiency, labour saving etc.*

Livestock Enterprises

Details of FLDs on Animal Science implemented during Jan-2022 to Dec-2022

KVK Name	Thematic area	Technology for demonstration	Name of Enterprise	Name of Breed	Completed/ Ongoing	No. of unit (animals, poultry birds etc.)	No. of farmers			
							SC	ST	Others	Gen

Economic Impact of Animal Science FLD

KVK Name	Technology for demonstration	Name of Enterprise	Performance parameters / indicators		*Data on parameter in relation to technology demonstrated		Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		B:C Ratio (Gross Return / Gross Cost)	
			Name of Parameter	Name of unit	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)

**Milk production, meat production, egg production, reduction in disease incidence etc.*

Details of FLDs on Fishery implemented during Jan-2022 to Dec-2022

KVK Name	Thematic area	Technology for demonstration	Name of Enterprise	Completed/Ongoing	Area (ha) / Entrep - No.	No. of farmers			
						SC	ST	Others	General

Economic Impact of Fishery FLD

KVK Name	Technology for demonstration	Name of Enterprise	Performance parameters / indicators		Data on parameter in relation to technology demonstrated		Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		B:C Ratio (Gross Return / Gross Cost)	
			Name of Parameter	Name of unit	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)

Information about Home Science FLDs - (For All Thematic Area)

Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Crop- Area (ha) / Entrep - No.	No. of farmers			
				SC	ST	Others	General
Income generation	Demonstration on backyard poultry farming	Backyard poultry	40 chicks	3	4	3	-
Nutritional security	Demonstration on establishment of Backyard Kitchen Garden	Kitchen Garden	Vegetable seeds	2	3	5	-
Nutritional security	Demonstration on finger millet for lactating women	finger millet	Finger millet	3	2	5	-

Economic Performance Home Science FLD: (Drudgery Reduction)

Technology for demonstration	Performance Indicator / Parameter													
	Output *		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Cardiac Cost of Work		% Saving of cardiac Cost	
	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

***Kindly use Unit as per the machine/implement/equipment used for drudgery reduction**

Economic Performance Home Science FLD: (Income Generation)

Technology for demonstration	Performance Indicator / Parameter									
	Production per unit (Q/No/Lit)		Average Cost of input (Rs/unit)		Average Gross Return (Rs/unit)		Average Net Return (Rs/unit)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
Demonstration on backyard poultry farming	-	40 kg.	-	13020	-	40000	-	26980	-	3.07

Economic Performance Home Science FLD: (For value addition)

Technology for demonstration	Performance Indicator / Parameter											
	Composition of product		Production per unit (Q/ Lit)		Average Cost of input (Rs/unit		Average Gross Return (Rs/unit)		Average Net Return (Rs/unit)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

Economic Performance Home Science FLD: (For Nutritional security)

Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Enterprises	Crop - Area (ha) / Entrep - No.	Performance Indicator / Parameter															
						Production per unit (Q/No/Lit)								Average Cost of input (Rs/unit)		Average Gross Return (Rs/unit)		Average Net Return (Rs/unit)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
						T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
Round the year	Nutritional security	Demonstration on establishment of Backyard Kitchen Garden	seasonal Vegetables	Kitchen garden	2	135	160	1948	1590	29.5	38.6	19.5	23.2	185	231.2	-	3.1	-	-	-	5.9
Rabi	Nutritional security	Demonstration on finger millet for lactating women	Finger millet	Finger millet	2	0	100	0	336	0	7.7	0	3.9	0	350	0	3.50	0	150	0	1.55

Cluster Demonstration of Oilseed and Pulses under NFSM (2022-23)

Sl. No.	Crop	Thematic area	Technology for demonstration	Critical inputs	*Season and year*	Area (ha)	No. of farmers/ demonstration	Parameters identified
1	Soybean	IPM	IPM	Seed	Kharif 2022	30	75	Yield, Pest infestation %, Net income, B:C ratio
2	Sesame	Variety replacement	Improve variety	Seed	Kharif 2022	10	25	Yield, Net income, B:C ratio
3	Mustard	IPM	IPM	Seed	Rabi 2022-23	30	75	Yield, Pest infestation %, Net income, B:C ratio
4	Linseed	Variety replacement	Improve variety	Seed	Rabi 2022-23	10	25	Yield, Net income, B:C ratio
5	Pigeon pea	Variety replacement and IPM	Improve seed and IPM	Seed	Kharif 2022	20	50	No. of pods, Pest infestation %, yield, Net income, B:C ratio
6	Gram	Variety replacement and IPM	Improve seed and IPM	Seed	Rabi 2022-23	10	25	No. of pods, Pest infestation %, yield, Net income, B:C ratio
7	lentil	Variety replacement and IPM	Improve seed and IPM	Seed	Rabi 2022-23	20	50	No. of pods, Pest infestation %, yield, Net income, B:C ratio

Extension and Training activities under CFLDs Oilseed and Pulses

S. No.	Activity	No. of activities	Month	Number of participants
1	Field days	4	October and January February	120
2	Farmers Training	7	July, August, September, October, November and January	170
3	Media coverage	-	-	-
4	Training for extension functionaries	-	-	-

Training (Including the sponsored and FLD training programmes):

A) ON Campus

Category (F/ FW / F &FW) (do not leave column blank)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
						Gen		SC		ST		Others	
						M	F	M	F	M	F	M	F
	Crop Production	Weed Management											
	Crop Production	Resource Conservation Technologies											
	Crop Production	Cropping Systems											
	Crop Production	Crop Diversification											
	Crop Production	Integrated Farming											
	Crop Production	Micro irrigation/irrigation											
	Crop Production	Seed production											
	Crop Production	Nursery management											
	Crop Production	Integrated Crop Management											
	Crop Production	Soil & water conservation											
	Crop Production	Integrated nutrient Management											
	Crop Production	Production of organic inputs											
	Crop Production	Others(Pl. Specify)											
	Horticulture (Vegetable Crops)	Production of low volume and high value crops											
	Horticulture (Vegetable Crops)	Off season vegetables											
	Horticulture (Vegetable Crops)	Nursery raising											
	Horticulture (Vegetable Crops)	Exotic vegetables											
	Horticulture (Vegetable Crops)	Export potential vegetables											
	Horticulture (Vegetable Crops)	Grading and standardization											
	Horticulture (Vegetable Crops)	Protective cultivation											
	Horticulture (Vegetable Crops)	Others(Pl. Specify)											
	Horticulture (Fruits)	Training and Pruning											
	Horticulture (Fruits)	Layout and Management of Orchards											
	Horticulture (Fruits)	Cultivation of Fruit											
	Horticulture (Fruits)	Management of young plants/orchards											
	Horticulture (Fruits)	Rejuvenation of old orchards											
	Horticulture (Fruits)	Export potential fruits											
	Horticulture (Fruits)	Micro irrigation systems of orchards											
	Horticulture (Fruits)	Plant propagation techniques											
	Horticulture (Fruits)	Others (Pl. Specify)											
	Horticulture (Ornamental Plants)	Nursery Management											
	Horticulture (Ornamental Plants)	Management of potted plants											
	Horticulture (Ornamental Plants)	Export potential of ornamental plants											
	Horticulture (Ornamental Plants)	Propagation techniques of Ornamental Plants											
	Horticulture (Ornamental Plants)	Others (Pl. Specify)											
	Horticulture(Plantation crops)	Production and Management technology											
	Horticulture(Plantation crops)	Processing and value addition											
	Horticulture(Plantation crops)	Others (Pl. Specify)											
	Horticulture(Tuber crops)	Production and Management technology											
	Horticulture(Tuber crops)	Processing and value addition											

Category (F/ FW / F &FW) (do not leave column blank)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
						Gen		SC		ST		Others	
						M	F	M	F	M	F	M	F
	Horticulture(Tuber crops)	Others (Pl. Specify)											
	Horticulture(Spices)	Production and Management technology											
	Horticulture(Spices)	Processing and value addition											
	Horticulture(Spices)	Others (Pl. Specify)											
	Horticulture(Medicinal and Aromatic Plants)	Nursery management											
	Horticulture(Medicinal and Aromatic Plants)	Production and management technology											
	Horticulture(Medicinal and Aromatic Plants)	Post harvest technology and value addition											
	Horticulture(Medicinal and Aromatic Plants)	Others (Pl. Specify)											
	Soil Health and Fertility Management	Soil fertility management											
	Soil Health and Fertility Management	Integrated water management											
	Soil Health and Fertility Management	Integrated Nutrient Management											
	Soil Health and Fertility Management	Production and use of organic inputs											
	Soil Health and Fertility Management	Management of Problematic soils											
	Soil Health and Fertility Management	Micro nutrient deficiency in crops											
	Soil Health and Fertility Management	Nutrient Use Efficiency											
	Soil Health and Fertility Management	Balance Use of fertilizer											
	Soil Health and Fertility Management	Soil & water testing											
	Soil Health and Fertility Management	Organic Farming											
	Soil Health and Fertility Management	Others (Pl. Specify)											
	Livestock Production and Management	Dairy Management											
	Livestock Production and Management	Poultry Management											
	Livestock Production and Management	Piggery Management											
	Livestock Production and Management	Rabbit Management											
	Livestock Production and Management	Animal Nutrition Management											
	Livestock Production and Management	Disease Management											
	Livestock Production and Management	Feed & fodder technologies											
	Livestock Production and Management	Production of quality animal products											
	Livestock Production and Management	Others (Pl. Specify)											
	Home Science/Women empowerment	Household food security by kitchen gardening and nutrition gardening				1	-	3	-	2	-	4	-
	Home Science/Women	Design and development of											

Category (F/ FW / F &FW) (do not leave column blank)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
						Gen		SC		ST		Others	
						M	F	M	F	M	F	M	F
	empowerment	low/minimum cost diet											
	Home Science/Women empowerment	Designing and development for high nutrient efficiency diet											
	Home Science/Women empowerment	Minimization of nutrient loss in processing	Training on micro nutrient impertinence in diet			-	-	4	4	2	3	4	5
	Home Science/Women empowerment	Processing & cooking											
	Home Science/Women empowerment	Gender mainstreaming through SHGs											
	Home Science/Women empowerment	Storage loss minimization techniques											
	Home Science/Women empowerment	Value addition	Designing and development for high efficient diet			-	-	-		11	-	-	-
F&FW	**Home Science/Women empowerment**	Women empowerment	Kadaknath Farming	1	2	-	-	7	1	8	-	2	2
	Home Science/Women empowerment	Location specific drudgery reduction technologies											
	Home Science/Women empowerment	Rural Crafts											
	Home Science/Women empowerment	Women and child care											
FW	**Home Science/Women empowerment**	Others (Pl. Specify)	Miner millets	1	1					2	14		
F&FW			Natural farming	1	1			10	4	5		18	5
	Agril. Engineering	Farm machinery & its maintenance											
	Agril. Engineering	Installation and maintenance of micro irrigation systems											
	Agril. Engineering	Use of Plastics in farming practices											
	Agril. Engineering	Production of small tools and implements											
	Agril. Engineering	Repair and maintenance of farm machinery and implements											
	Agril. Engineering	Small scale processing and value addition											
	Agril. Engineering	Post Harvest Technology											
	Agril. Engineering	Others (Pl. Specify)											
F/FW	**Plant Protection**	Integrated Pest Management	Integrated Pest Management in greengram	1	1	12		8		12		18	
F/FW	**Plant Protection**	Integrated Disease Management		1	1	8		7		9		5	

Category (F/ FW / F &FW) (do not leave column blank)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
						Gen		SC		ST		Others	
						M	F	M	F	M	F	M	F
F/FW	**Plant Protection**	Bio0control of pests and diseases		1	1	4		2		4		21	
F/FW	**Plant Protection**	Production of bio control agents and bio pesticides		1	1	17		7				3	
	Plant Protection	Others (Pl. Specify)											
	Fisheries	Integrated fish farming											
	Fisheries	Carp breeding and hatchery management											
	Fisheries	Carp fry and fingerling rearing											
	Fisheries	Composite fish culture											
	Fisheries	Hatchery management and culture of freshwater prawn											
	Fisheries	Breeding and culture of ornamental fishes											
	Fisheries	Portable plastic carp hatchery											
	Fisheries	Pen culture of fish and prawn											
	Fisheries	Shrimp farming											
	Fisheries	Edible oyster farming											
	Fisheries	Pearl culture											
	Fisheries	Fish processing and value addition											
	Fisheries	Others (Pl. Specify)											
	Production of Input at site	Seed Production											
	Production of Input at site	Planting material production											
	Production of Input at site	Bio0agents production											
	Production of Input at site	Bio0pesticides production											
	Production of Input at site	Bio0fertilizer production											
	Production of Input at site	Vermi0compost production											
	Production of Input at site	Organic manures production											
	Production of Input at site	Production of fry and fingerlings											
	Production of Input at site	Production of Bee0colonies and wax sheets											
	Production of Input at site	Small tools and implements											
	Production of Input at site	Production of livestock feed and fodder											
	Production of Input at site	Production of Fish feed											
	Production of Input at site	Mushroom production											
	Production of Input at site	Apiculture											
	Production of Input at site	Others (Pl. Specify)											
	Capacity Building and Group Dynamics	Leadership development											
	Capacity Building and Group Dynamics	Group dynamics											
	Capacity Building and Group Dynamics	Formation and Management of SHGs											
	Capacity Building and Group Dynamics	Mobilization of social capital											
	Capacity Building and Group Dynamics	Entrepreneurial development of farmers/youths											
	Capacity Building and Group Dynamics	WTO and IPR issues											
	Capacity Building and Group Dynamics	Others (Pl. Specify)											
	Agro forestry	Production technologies											
	Agro forestry	Nursery management											
	Agro forestry	Integrated Farming Systems											
	Agro forestry	Others (Pl. Specify)											

B) OFF Campus

Category (F/ FW / F &FW) (do not leave column blank)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
						Gen		SC		ST		Others	
						M	F	M	F	M	F	M	F
F/FW	**Crop Production**	Weed Management	Weed Management	1	1	14		8		4		26	
	Crop Production	Resource Conservation Technologies											
	Crop Production	Cropping Systems											
F/FW	**Crop Production**	Crop Diversification	Crop Diversification	1	1	20		14		27		59	3
F/FW	**Crop Production**	Integrated Farming	Integrated Farming	1	1	10		1		5		16	
	Crop Production	Micro irrigation/irrigation											
	Crop Production	Seed production											
	Crop Production	Nursery management											
	Crop Production	Integrated Crop Management											
	Crop Production	Soil & water conservation											
	Crop Production	Integrated nutrient Management											
	Crop Production	Production of organic inputs											
	Crop Production	Others(Pl. Specify)											
	Horticulture (Vegetable Crops)	Production of low volume and high value crops		1	1	22	7	17	6	24	7	83	7
	Horticulture (Vegetable Crops)	Off season vegetables	Off season vegetables	1	1	3	0	3	0	10	2	14	0
	Horticulture (Vegetable Crops)	Nursery raising	Nursery raising	1	1	0	0	0	0	1	0	10	0
	Horticulture (Vegetable Crops)	Exotic vegetables											
	Horticulture (Vegetable Crops)	Export potential vegetables											
	Horticulture (Vegetable Crops)	Grading and standardization											
	Horticulture (Vegetable Crops)	Protective cultivation	Protective cultivation	1	1	5	0	1	0	2	0	11	1
	Horticulture (Vegetable Crops)	Others(Pl. Specify)	Natural farming	1	1	2	0	0	0	0	0	25	3
			FPO	1	1	12	7	13	6	11	5	23	4
	Horticulture (Fruits)	Training and Pruning											
	Horticulture (Fruits)	Layout and Management of Orchards											
	Horticulture (Fruits)	Cultivation of Fruit											
	Horticulture (Fruits)	Management of young plants/orchards											
	Horticulture (Fruits)	Rejuvenation of old orchards											
	Horticulture (Fruits)	Export potential fruits											
	Horticulture (Fruits)	Micro irrigation systems of orchards											
	Horticulture (Fruits)	Plant propagation techniques											
	Horticulture (Fruits)	Others (Pl. Specify)											
	Horticulture (Ornamental	Nursery Management											

Category (F/ FW / F &FW) (do not leave column blank)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
						Gen		SC		ST		Others	
						M	F	M	F	M	F	M	F
	Plants)												
	Horticulture (Ornamental Plants)	Management of potted plants											
	Horticulture (Ornamental Plants)	Export potential of ornamental plants											
	Horticulture (Ornamental Plants)	Propagation techniques of Ornamental Plants											
	Horticulture (Ornamental Plants)	Others (Pl. Specify)											
	Horticulture(Plantation crops)	Production and Management technology											
	Horticulture(Plantation crops)	Processing and value addition											
	Horticulture(Plantation crops)	Others (Pl. Specify)											
	Horticulture(Tuber crops)	Production and Management technology											
	Horticulture(Tuber crops)	Processing and value addition											
	Horticulture(Tuber crops)	Others (Pl. Specify)											
	Horticulture(Spices)	Production and Management technology											
	Horticulture(Spices)	Processing and value addition											
	Horticulture(Spices)	Others (Pl. Specify)											
	Horticulture(Medicinal and Aromatic Plants)	Nursery management											
	Horticulture(Medicinal and Aromatic Plants)	Production and management technology											
	Horticulture(Medicinal and Aromatic Plants)	Post harvest technology and value addition											
	Horticulture(Medicinal and Aromatic Plants)	Others (Pl. Specify)											
	Soil Health and Fertility Management	Soil fertility management											
	Soil Health and Fertility Management	Integrated water management	Integrated water management	1	1	2	2	5	4	5	5	12	11
	Soil Health and Fertility Management	Integrated Nutrient Management											
	Soil Health and Fertility Management	Production and use of organic inputs											
	Soil Health and Fertility Management	Management of Problematic soils											
	Soil Health and Fertility Management	Micro nutrient deficiency in crops											
	Soil Health and Fertility Management	Nutrient Use Efficiency											
	Soil Health and Fertility Management	Balance Use of fertilizer	Balance Use of fertilizer	1	1	11		2		1		14	
	Soil Health and Fertility Management	Soil & water testing											
	Soil Health and Fertility Management	Organic Farming											
	Soil Health and Fertility Management	Others (Pl. Specify)	Liquid organic manure	1		1		3		7		11	
			Use of Prom	1	1	19		3				22	

Category (F/ FW / F &FW) (do not leave column blank)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
						Gen		SC		ST		Others	
						M	F	M	F	M	F	M	F
	Livestock Production and Management	Dairy Management											
	Livestock Production and Management	Poultry Management											
	Livestock Production and Management	Piggery Management											
	Livestock Production and Management	Rabbit Management											
	Livestock Production and Management	Animal Nutrition Management											
	Livestock Production and Management	Disease Management											
	Livestock Production and Management	Feed & fodder technologies											
	Livestock Production and Management	Production of quality animal products											
	Livestock Production and Management	Others (Pl. Specify)											
	Home Science/Women empowerment	Household food security by kitchen gardening and nutrition gardening											
	Home Science/Women empowerment	Design and development of low/minimum cost diet											
	Home Science/Women empowerment	Designing and development for high nutrient efficiency diet											
	Home Science/Women empowerment	Minimization of nutrient loss in processing											
	Home Science/Women empowerment	Processing & cooking											
	Home Science/Women empowerment	Gender mainstreaming through SHGs											
	Home Science/Women empowerment	Storage loss minimization techniques											
	Home Science/Women empowerment	Value addition											
	Home Science/Women empowerment	Women empowerment											
	Home Science/Women empowerment	Location specific drudgery reduction technologies											
FW	**Home Science/Women empowerment**	Rural Crafts	Training on rural craft like bamboo materials	1	1	-	3	--	1	-	1	-	15
	Home Science/Women empowerment	Women and child care											
F&FW	**Home Science/Women empowerment**	Others (Pl. Specify)	Mushroom	1	1	6	-	-	-	-	-	11	-
	Agril. Engineering	Farm machinery & its maintenance											
	Agril. Engineering	Installation and maintenance of micro irrigation systems											
	Agril. Engineering	Use of Plastics in farming practices											
	Agril. Engineering	Production of small tools and implements											
	Agril. Engineering	Repair and maintenance of farm											

Category (F/ FW / F &FW) (do not leave column blank)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
						Gen		SC		ST		Others	
						M	F	M	F	M	F	M	F
		machinery and implements											
	Agril. Engineering	Small scale processing and value addition											
	Agril. Engineering	Post Harvest Technology											
	Agril. Engineering	Others (Pl. Specify)											
	Plant Protection	Integrated Pest Management											
	Plant Protection	Integrated Disease Management											
	Plant Protection	Bio0control of pests and diseases											
	Plant Protection	Production of bio control agents and bio pesticides											
	Plant Protection	Others (Pl. Specify)											
	Fisheries	Integrated fish farming											
	Fisheries	Carp breeding and hatchery management											
	Fisheries	Carp fry and fingerling rearing											
	Fisheries	Composite fish culture											
	Fisheries	Hatchery management and culture of freshwater prawn											
	Fisheries	Breeding and culture of ornamental fishes											
	Fisheries	Portable plastic carp hatchery											
	Fisheries	Pen culture of fish and prawn											
	Fisheries	Shrimp farming											
	Fisheries	Edible oyster farming											
	Fisheries	Pearl culture											
	Fisheries	Fish processing and value addition											
	Fisheries	Others (Pl. Specify)											
	Production of Input at site	Seed Production											
	Production of Input at site	Planting material production											
	Production of Input at site	Bio0agents production											
	Production of Input at site	Bio0pesticides production											
	Production of Input at site	Bio0fertilizer production											
	Production of Input at site	Vermi0compost production											
	Production of Input at site	Organic manures production											
	Production of Input at site	Production of fry and fingerlings											
	Production of Input at site	Production of Bee0colonies and wax sheets											
	Production of Input at site	Small tools and implements											
	Production of Input at site	Production of livestock feed and fodder											
	Production of Input at site	Production of Fish feed											
	Production of Input at site	Mushroom production											
	Production of Input at site	Apiculture											
	Production of Input at site	Others (Pl. Specify)											
	Capacity Building and Group Dynamics	Leadership development											
	Capacity Building and Group Dynamics	Group dynamics											
	Capacity Building and Group Dynamics	Formation and Management of SHGs											
	Capacity Building and Group Dynamics	Mobilization of social capital											
	Capacity Building and Group Dynamics	Entrepreneurial development of farmers/youths											
	Capacity Building and Group Dynamics	WTO and IPR issues											

Category (F/ FW / F &FW) (do not leave column blank)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
						Gen		SC		ST		Others	
						M	F	M	F	M	F	M	F
	Capacity Building and Group Dynamics	Others (Pl. Specify)											
	Agro forestry	Production technologies											
	Agro forestry	Nursery management											
	Agro forestry	Integrated Farming Systems											
	Agro forestry	Others (Pl. Specify)											

Details of Training Programmes conducted by the KVKs for Rural Youth

A. ON Campus

Thematic Area of training	Training Title	No. of Courses	Duration (Days)	Participants							
				Gen		SC		ST		Others	
				M	F	M	F	M	F	M	F
Nursery Management of Horticulture crops											
Training and pruning of orchards											
Protected cultivation of vegetable crops											
Commercial fruit production											
Integrated farming											
Seed production											
Production of organic inputs											
Planting material production											
Vermi culture											
Mushroom Production											
Bee keeping											
Sericulture											
Repair and maintenance of farm machinery and implements											
Value addition											
Small scale processing											
Post Harvest Technology											
Tailoring and Stitching											
Rural Crafts											
Production of quality animal products											
Dairying											
Sheep and goat rearing											
Quail farming											
Piggery											
Rabbit farming											
Poultry production											
Ornamental fisheries											
Composite fish culture											
Freshwater prawn culture											
Shrimp farming											
Pearl culture											
Cold water fisheries											
Fish harvest and processing technology											
Fry and fingerling rearing											
Others(Pl. Specify)											

B. OFF Campus

Thematic Area of training	Training Title	No. of Courses	Duration (Days)	Participants							
				Gen		SC		ST		Others	
				M	F	M	F	M	F	M	F

Thematic Area of training	Training Title	No. of Courses	Duration (Days)	Participants							
				Gen		SC		ST		Others	
				M	F	M	F	M	F	M	F
Nursery Management of Horticulture crops											
Training and pruning of orchards											
Protected cultivation of vegetable crops											
Commercial fruit production											
Integrated farming											
Seed production											
Production of organic inputs											
Planting material production											
Vermi culture											
Mushroom Production											
Bee keeping											
Sericulture											
Repair and maintenance of farm machinery and implements											
Value addition											
Small scale processing											
Post Harvest Technology											
Tailoring and Stitching											
Rural Crafts											
Production of quality animal products											
Dairying											
Sheep and goat rearing											
Quail farming											
Piggery											
Rabbit farming											
Poultry production											
Ornamental fisheries											
Composite fish culture											
Freshwater prawn culture											
Shrimp farming											
Pearl culture											
Cold water fisheries											
Fish harvest and processing technology											
Fry and fingerling rearing											
Others(Pl. Specify)											

Details of Training Programmes conducted by the KVKs for Extension Personnel

A. ON Campus

Thematic Area of training (if other please specify name)	Training Title	No. of Courses	Duration (Days)	Participants							
				Gen		SC		ST		Others	
				M	F	M	F	M	F	M	F
Productivity enhancement in field crops											
Integrated Pest Management	Integrated Pest Management	1	1	4	1	-	-	-	1	10	4
Integrated Nutrient management											
Rejuvenation of old orchards											
Protected cultivation technology	Protected cultivation technology	1	1	4	1	0	0	0	1	10	4
Production and use of organic inputs											
Care and maintenance of farm machinery and implements											
Gender mainstreaming through SHGs											
Formation and Management of SHGs											
Women and Child care											
Low cost and nutrient efficient diet designing											
Group Dynamics and farmers organization											
Information networking among farmers											

Thematic Area of training (if other please specify name)	Training Title	No. of Courses	Duration (Days)	Participants							
				Gen		SC		ST		Others	
				M	F	M	F	M	F	M	F
Capacity building for ICT application											
Management in farm animals											
Livestock feed and fodder production											
Household food security											
Others(Pl. Specify)											

B. OFF Campus

Thematic Area of training (if other please specify name)	Training Title	No. of Courses	Duration (Days)	Participants							
				Gen		SC		ST		Others	
				M	F	M	F	M	F	M	F
Productivity enhancement in field crops											
Integrated Pest Management											
Integrated Nutrient management											
Rejuvenation of old orchards											
Protected cultivation technology											
Production and use of organic inputs											
Care and maintenance of farm machinery and implements											
Gender mainstreaming through SHGs											
Formation and Management of SHGs											
Women and Child care											
Low cost and nutrient efficient diet designing											
Group Dynamics and farmers organization											
Information networking among farmers											
Capacity building for ICT application											
Management in farm animals											
Livestock feed and fodder production											
Household food security											
Others(Pl. Specify)											

Details of Vocational training programmes for Rural Youth conducted by the KVKs

Thematic Area	Sub Theme	Training title	No of Courses	Duration of training (days)	Number of Beneficiaries							
					Gen		SC		ST		Others	
					M	F	M	F	M	F	M	F
Crop production and management	Commercial floriculture											
Crop production and management	Commercial fruit production											
Crop production and management	Commercial vegetable production											
Crop production and management	Integrated crop management											
Crop production and management	Organic farming	Organic farming	1	1	28	1	7	2	3		38	3
Crop production and management	**Others(Pl. Specify)**	Seed production	1	1	15		1		0		15	
Post harvest technology and value addition	Value addition											
Post harvest technology and value addition	**Others(Pl. Specify)**											
Livestock and fisheries	Dairy farming											
Livestock and fisheries	Composite fish culture											
Livestock and fisheries	Sheep and goat rearing											
Livestock and fisheries	Piggery											
Livestock and fisheries	Poultry farming											
Livestock and fisheries	**Others(Pl. Specify)**											
Income generation	Vermi-composting											

Thematic Area	Sub Theme	Training title	No of Courses	Duration of training (days)	Number of Beneficiaries							
					Gen		SC		ST		Others	
					M	F	M	F	M	F	M	F
activities												
Income generation activities	Production of bio-agents, bio-pesticides,											
Income generation activities	Bio-fertilizers etc.											
Income generation activities	Repair and maintenance of farm machinery & implements											
Income generation activities	Rural Crafts											
Income generation activities	Seed production											
Income generation activities	Sericulture											
Income generation activities	Mushroom cultivation	Mushroom cultivation	1	4	-	3	--	1	-	1	-	15
Income generation activities	Nursery, grafting etc.											
Income generation activities	Tailoring, stitching, embroidery, dying etc.	Tailoring	2	2				6		2		16
Income generation activities	Agril. para0workers, para0vet training											
Income generation activities	**Others(Pl. Specify)**	Food processing	1	1			4				36	3
		Natural Gulal making	1	1							8	
		Rakhi making	1	1				4		4		18
Agricultural Extension	Capacity building and group dynamics											
Agricultural Extension	**Others(Pl. Specify)**											

Table 5.5. Sponsored Training Programmes

Client (F &FW/ FW/ RY/ IS)	Thematic area	Sub-theme	Training Title	No. of courses	Duration (days)	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
						Gen		Others		SC		ST			
						M	F	M	F	M	F	M	F		
	Crop production and management	Increasing production and productivity of crops													
	Crop production and management	Commercial production of vegetables													
	Crop production and management	Production and value addition													
	Crop production and management	Fruit Plants													
	Crop production and management	Ornamental plants													
	Crop production and management	Spices crops													
	Crop production and management	Soil health and fertility management													
	Crop production and management	Production of Inputs at site													

Client (F &FW/ FW/ RY/ IS)	Thematic area	Sub-theme	Training Title	No. of courses	Duration (days)	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
						Gen		Others		SC		ST			
						M	F	M	F	M	F	M	F		
	Crop production and management	Methods of protective cultivation													
	Crop production and management	**Others(Pl. Specify)**													
	Post harvest technology and value addition	Processing and value addition													
	Post harvest technology and value addition	**Others(Pl. Specify)**													
	Farm machinery	Farm machinery, tools and implements													
	Farm machinery	**Others(Pl. Specify)**													
	Livestock and fisheries	Livestock production and management													
	Livestock and fisheries	Animal Nutrition Management													
	Livestock and fisheries	Animal Disease Management													
	Livestock and fisheries	Fisheries Nutrition													
	Livestock and fisheries	Fisheries Management													
	Livestock and fisheries	**Others(Pl. Specify)**													
	Home Science	Household nutritional security													
	Home Science	Economic empowerment of women													
	Home Science	Drudgery reduction of women													
	Home Science	**Others(Pl. Specify)**													
	Agricultural Extension	Capacity Building and Group Dynamics													
	Agricultural Extension	**Others(Pl. Specify)**													

Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	7									154
Kisan Mela	1									839
Kisan Ghosthi	7									387
Exhibition	4									Mass
Film Show	2									84
Method Demonstrations	5									69
Farmers Seminar										
Workshop	6									452
Group meetings										
Lectures delivered as resource persons										
Newspaper coverage	36									
Radio talks	1									
TV talks	4									
Popular articles										
Extension Literature										
Advisory Services										

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Scientific visit to farmers field	90									168
Farmers visit to KVK	78									542
Diagnostic visits	15									200
Exposure visits	2									20
Ex-trainees Sammelan										
Soil health Camp	2									30
Animal Health Camp										
Agri mobile clinic										
Soil test campaigns										
Farm Science Club Conveners meet										
Self Help Group Conveners meetings										
Mahila Mandals Conveners meetings										
Celebration of important days (specify)	13									310
Others (pl. specify)	18									1424
Total	**291**									**4679**

Mass media used for wide publicity

Name of media	Number of events/activity	Name of channel/ Newspaper used	Place of delivery or publication	Coverage of the media (Local/ Regional/National)
CD/DVD				
Radio talks	4		Bhopal	National
TV talks	1	Krishi darshan	Bhopal	National
Newspaper coverage	36	Dainik bhasker, dainik jagran,Swadesh	Bankhedi	Local
Kisan Mela	1		KVK	Local
Extension Litrature	6	Krishak jagat, Litrature		National
Internet (Youtube)	79	KVKgovindnagar	KVK	National
Social media (Whats App, Facebook, Instagram, Twitter etc.)	261		KVK	National

Production and supply of Technological products

SEED MATERIALS

Category	Crop	Variety (pl. give the name of variety instead of local)	Quantity (qtl.)	Value (Rs.)	Provided to no. of Farmers/ society	Expected area coverage (ha.)
CEREALS	Wheat	G.W- 322	18	74800	10	
		G.W-451	2.6	10920	3	
		D.B.W-187	8.7	38850	3	
		H.I-8759	2.00	8000	1	
	Paddy	Kranti	107.64	497385	28	
		J.R-206	40.8	204440	26	
		Pusa-1718	0.1	500	1	
OILSEEDS	Soybean	RVS-2001-4				
		RVS-24	28.80	288000	2	
		JS-2098	15	153000	5	
PULSES	Moong	M.H-421	8		5	

		P.D.M-139	9.60		6	
VEGETABLES						
FLOWER CROPS						
OTHERS (Specify)						

PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
FRUITS						
SPICES						
VEGETABLES						
FOREST SPECIES						
ORNAMENTAL CROPS						
PLANTATION CROPS						
Others (specify)						

Bio-products

Sl. No.	Product Name	Species	Quantity	
			No	(kg)
BIOAGENTS				
1	Trichoderma			
2	*Rhizobium*			
3				
BIOFERTILIZERS				
1	Vermicompost		8	5000
2	NADEP		6	6000
3				
BIO PESTICIDES				
1	Dasparni ark		5000 L	
2	Pesticides – Neemastra		500L	
3	Agniastra		4000 L	
	Cupper yukt chhanch		2000 L	

S.No	List of Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Species	Qty (in Kg)	Qty (in No.)	Value (Rs.)	Provided to no. of Farmers	Expected area coverage (ha.), if applied
1	**Bio Fertilizers**	Non Symbiotic Azotobacter						
		Vermicompost		2809		22,472 (8/kg)	9	
		Azolla		3	-	300/- (100kg)	3	
		Earthworms		16		3200/- (200/kg)	16	
		Compost						
		Blue Green Algae						
		NADEP						
		Sanjeewani Khad						
		Acetobactor	crocum	250		40,000/- (160/l)	150	60
		Aspergillius						
		Azatobactor						
		Azospirillum						
		Phosphate solublizing Bacteria						
		Rhizobium		250		40,000/- (160/l)	150	65
		Other 1. Micronutrient solublizing Bacteria		500		80,000/- (160/l)	250	110
		2. Prom		6200		75,589/- (12.50/kg)	50	20
2	**Bio-Food**	Spirulina						
		Honey						
		Any Other (pl. sp.)						
3	**Bio Pesticides**	Neem extract						
		Neem powder						
		Tobacco extract						
		Trichoderma viride						
		Trichoderma harjinum						
		Trichogramma chilonis						

S.No	List of Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Species	Qty (in Kg)	Qty (in No.)	Value (Rs.)	Provided to no. of Farmers	Expected area coverage (ha.), if applied
		Beauveria bassiana						
		Metarhizium anisopliae						
		Pseudomonas fluorescens						
		SlNPV						
		HaNPV						
		GF1						
		Baco Lures						
		Heli Lures						
		Leucin Lures						
		Paeciliomyces						
		Panchagavya						
		Verticillium						
4	**Bio Agents (Tricho card)**	*Trichogramma chilonis*						
		Chrysoperla carnea						
		Tricho card						
		Any other **(Pl. Specify)**						
5	**Bio Agents (Pyrilla parasitoids)**	*Ooincirtus papilionis*						
		Epiricania melanolauca						
6	**Bio Agents (Worms)**	*Eisenia fetida*						
		Eudrilus eugeniae						
		Earth worm		16		3200/- (200/kg)	16	
		Any other **(pl. specify)**						
7	**Others**	Mushroom spawn						
		Mineral Mixture						
		Cow dung (dry)						
		Any other **(pl. specify)**						

LIVESTOCK

S.No	Type	Name of the animal / bird / aquatics	Breed	Type of Produce	Quantity		Value (Rs.)	No. of Beneficiaries
					unit (kg/qt./liter/ no)	Qty.		
1	Dairy animals	Cow						
		Calves						
		Goats						
		Buffaloes						
		Sheep						
		Breeding bull						
		Other **(pl specify)**						
2	Poultry	Poultry						
		Japanese quail						
		Japanese quail eggs						
		Ducks						
		Turkey						
		Other						
3	Piggery	Piglets						
		Boar						
		Sow						
		Other **(pl specify)**						
4	Fisheries	Indian carp						
		Exotic carp						
		Other **(pl specify)**						

Literature to be Developed/Published

KVK News Letter

Period	Quarter	Number of copies published	Number of copies distributed	Type of beneficiaries receiving the newsletter (Farmer, District/ block/Panchayat Official, D.M. etc.
January to March 2022	Q1	500	300	District
April to June 2022	Q2	500	300	District
July to September 2022	Q3	500	300	District
October to December 2022	Q4	500	300	District

Details of Electronic Media to be Produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
1			
2			
3			

Literature developed/published

Type	Number (Please don't give mass please fill number only)	Number of copies printed (Please don't give mass please fill number only)
BOOK	2	200
BOOK CHAPTER	1	
LEAFLET	6	6000
POPULAR ARTICLE	10	
TRAINING MANUAL	2	
RADIO TALK	3	Mass
CRAFT TRAINING	1	
Pumplets/folder	1	

Activities of Soil and Water Testing Laboratory

Year of establishment: 2022

List of equipments purchased:

Sl. No.	Name of the Equipment	Qty.	Condition
1	AAS	1	Working
2	Electronic balance	2	Working
3	Rotary shaker	1	Working
4	UV- VIS Spectrophotometer	1	Working
5	Flame photometer	1	Working
6	Hot plate	1	Working
7	Water distillation unit	1	Working
8	Kel plus nitrogen analyzer	1	Working

Details of Soil samples analyzed:

Soil Testing Kits till date		No of soil samples		No. of Samples analyzed			No. of Farmers benefited			No. of Villages covered	Amount realized	Soil health card distributed to the farmers by KVK (Nos)	
				by KVKs		By Department	By KVK		By Department			Through Mini Soil Testing kit	Through Soil testing laboratory
Sanctioned	Procured	Collected by KVKs	Provided by Dept./ DDA	Mini Soil Testing kit	Soil testing laboratory		Mini Soil Testing kit	Soil testing laboratory					
		267			267			267		17			267

Details of water samples analyzed:

No. of Samples	No. of Farmers	No. of Villages	Amount realized	Test report distributed to the farmers (Nos)

Details of Plant samples analyzed :

No. of Plant Samples analyzed	No. of Farmers	No. of Villages	Amount realized

Footfall of farmers in KVKs (Jan. 2022 to Dec. 2022)

Name of KVK	Footfall during 2022			
	No. of Farmers	No. of officials	No. of VIPs	Total
Govindnagar	1765	61	21	1847

*** JPEG Photographs (2-3 only)**

Status of Kisan Mobile Advisory (KVK-KMA)

S. No.	Thematic area	Particulars	No of Calls	No of advisory sent	No of Messages sent	No. of farmers received messages	Total no of villages in District	No of village Covered by KVK through KMA
1	Crop Management	Crop Production Technology						
		Integrated Farming						
		Field Preparation						
		Any Other (Specify)						
2	Weather	Advisory						
		Change in variety						
		Change in Sowing technique						
		Climate forecast						
		Any Other (Specify)						
3	Soil Management	Soil Testing						
		INM						
		Fertilizer Application						
		Vermicomposting/ bio-waste recycling						
		Bio-fertilizer						
		Any Other (Specify)						
4	Disease & Pest Management	Disease Management						
		Pest Management						

S. No.	Thematic area	Particulars	No of Calls	No of advisory sent	No of Messages sent	No. of farmers received messages	Total no of villages in District	No of village Covered by KVK through KMA
		Preventive Advisory Disease Management						
		Preventive Advisory Pest Management						
		Bio-pesticides						
		Any Other (Specify)						
5	Nutrition Security & Women Empowerment	Nutrition Awareness						
		Kitchen garden						
		Value Addition and Processing						
		Drudgery Reduction						
		Entrepreneurship & Income Generation						
		Advisory						
		Any Other (Specify)						
6	Horticulture	Vegetable						
		Fruit						
		Hi Tech Horticulture						
		Any Other (Specify)						
7	Livestock	Feed and Fodder						
		Dairy Management						
		Fisheries						
		Poultry Management						
		Vaccination & Disease management						
		Any Other (Specify)						
8	Farm Mechanization							
9	Extension							
10	Organic Farming							
11	Marketing							
12	Awareness							
13	Other Enterprise							
14	Any Other (Specify)							

Status of KVK Website during Jan to Dec. 2022

Date of start of website	Address of Website	No. of updates during 2021	No. of visitors during 2021	Flag Collected	Year Planner
2019	**www.kvkhoshangabad.com**	**84**	**4521**		

Mobile Apps developed by KVK during 2022

S.No	Name of KVK (Developer)	Name of Host organization	Title of Mobile App	Content (in one line)	Languages (in which app developed)	Number of downloads	Total expenditure incurred in developing app (Rs.)
1	Govindnagar	BBSLN	Ganne se samriddhi	Sugarcane Information	Hindi	18000+	
2	Govindnagar	BBSLN	Kvk hoshangabad	KVK Information	Hindi	6000+	

ICT based module

Information on Whats app in social media by KVK

KVK	Discipline wise group with name of discipline	No of Farmer members	Activity details on whats app group
Govindnagar	KVK Hoshangabad Kisan Group 1	257	Agriculture Related Information
Govindnagar	KVK Hoshangabad Kisan Group 2	117	Agriculture Related Information
Govindnagar	KVK Narmadapuram Kisan group	182	Agriculture Related Information
Govindnagar	KVK Hoshangabad Kisan Bankhedi	256	Agriculture Related Information
Govindnagar	KVK Hoshangabad Kisan Pipariya Block	213	Agriculture Related Information
Govindnagar	KVK Hoshangabad Suhagpur Block	163	Agriculture Related Information
Govindnagar	KVK Hoshangabad Kisan Babai Block	200	Agriculture Related Information
Govindnagar	KVK Hoshangabad kisan Hoshangabad Block	65	Agriculture Related Information
Govindnagar	KVK Hoshangabad Kisan Sionemalva Block	85	Agriculture Related Information
Govindnagar	KVK Hoshangabad Kisan Kesla Block	70	Agriculture Related Information
Govindnagar	KVK Hoshangabad Input dealers	160	Agriculture Related Information
Govindnagar	KVK Hoshangabad Common Service Center	85	Agriculture Related Information
Govindnagar	KVK Hoshangabad Custom Hiring Center	63	Agriculture Related Information
Govindnagar	KVK Hoshangabad Kisan Mitra Bankhedi and Pipariya	55	Agriculture Related Information
Govindnagar	KVK Hoshangabad organic farming	50	Agriculture Related Information
Govindnagar	KVK Hoshangabad with Agriculture	52	Agriculture Related Information

	Department		
Govindnagar	Krishi Jan Kalyan, Jay Hind, Jay Kisan, Kisan Sathai Manch, Ganna karashak Samuh	884	Agriculture Related Information

Information on social media by KVK

KVK	Facebook			Twitter		Instagram	
	Scientists linked	Farmers connected	No of Post	No of tweets	People following	No of share	People following
Govindnagar	7	4877	145	48	110	68	372

DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock /technology
Govindnagar	Gosthies			
Govindnagar	Lectures organized			
Govindnagar	Exhibition			
Govindnagar	Film show	2	84	Natural farming
Govindnagar	Fair	1	839	Natural farming
Govindnagar	Farm/ Field Visit	170	923	All crops
Govindnagar	Diagnostic Practical's	15	200	
Govindnagar	Distribution of Literature (No.)			
Govindnagar	Distribution of Seed (q)			
Govindnagar	Distribution of Planting materials (No.)			
Govindnagar	Bio Product distribution (Kg)			
Govindnagar	Distribution of Bio Fertilizers (q)			
Govindnagar	Distribution of fingerlings			
Govindnagar	Distribution of Livestock specimen (No.)			
Govindnagar	Total number of farmers visited the technology week			
Govindnagar	Animal health camp			
Govindnagar	Awareness programme	8	62	Natural farming, swaschhta, other
Govindnagar	Demonstration			
Govindnagar	Exposure visit			
Govindnagar	Ex-trainees Meet			
Govindnagar	Farmer scientist interaction			
Govindnagar	Farmers Training			
Govindnagar	Gajarghans Unmulan Pakhwada			
Govindnagar	Group Meeting			
Govindnagar	Jai Kisan Jai Vigyan Sangoshthi			
Govindnagar	Plant Protection Week			
Govindnagar	Seed treatment campaign			
Govindnagar	Self Help Group convener meet			
Govindnagar	Soil health Camp	2	30	
Govindnagar	Swachha Bharat Abhiyan			
Govindnagar	Others (Pl. Specify)			

Participation in HRD Programmes organized by ATARI

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
	Total			

Name of KVK	Total Number of staff Attended HRD Programme organized by ATARI (nos)	Total Number of Programme attended (Nos)

Participation in HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)

Participation in HRD Programmes by KVK Staff (Refresher course, Short course, Training programme etc.)

Name of KVK	Name of Staff	Post held	Programmes attended (Nos)	Duration (days)	Type of HRD activities (Refresher course/CAFT/Summer winter school/short course)
Govindnagar	Dr. Akanksha Pandey	SMS-HOV	1	10	Refresher course
Govindnagar	Dr. Sanjeev Kumar Garg	SMS-Ext.	1	5	short course
Govindnagar	Brajesh Kumar Namdev	SMS-PLP	1	12	Refresher course

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Govindnagar, Narmadpuram	3	3

Information for TSP Jan-Dec-2022

Sl. No.	Farmer Training		Women Farmer Training		Rural Youths		Extension Personnel		Number of farmers involved			Participants in extension activities (No.)	Production of seed (q)	Production of Planting material (Number in lakh	Production of Livestock strains (Number in	Production of fingerlings (Number in lakh)	Testing of Soil, water, plant, manures samples (Number)
	No. of Trainings/ Demos	No. of Farmers	No. of Trainings/ Demos	No. of Women Farmers	No. of Trainings/ Demos	No. of Youths	No. of Trainings/ Demos	No. of Ext. Person	On-farm tr	Frontline demos	Mobile agro-advisory to						

									ials		farmers			)	lakh)		

39. Information for SCSP Jan-Dec-2022

Sl. No.	Farmer Training		Women Farmer Training		Rural Youths		Extension Personnel		Number of farmers involved			Participants in extension activities (No.)	Production of seed (q)	Production of Planting material (Number in lakh)	Production of Livestock strains (Number in lakh)	Production of fingerlings (Number in lakh)	Testing of Soil, water, plant, manures samples (Number)
	No. of Trainings/ Demos	No. of Farmers	No. of Trainings/Demos	No. of Women Farmers	No. of Trainings/Demos	No. of Youths	No. of Trainings/Demos	No. of Ext. Person	On-farm trials	Frontline demos	Mobile agro-advisory to farmers						

40. Information for KSHAMTA Jan-Dec-2021

Sl. No.	State	Name of KVK	Number of Adopted Villages	No. of Activities		No. of farmers benefited	
				Demo	Training	Demo	Training

Activities in Nutri-Smart Village during Jan-Dec-2022

Information about Nutri-Smart Village

Name of KVK	Block	Name of Nutri Smart Village
Govindnagar, Narmadpuram	**Bankhedi**	**Maharaj ganj**

1. Technologies Assessed (OFT) in Nutri Smart Village

Name of KVK	Thematic area	Name of Intervention	No. of Activity	Area	No. of beneficiaries
Govindnagar	Nutritional Garden (activity in no. of Unit) **(m^2)**				
Govindnagar	Bio-fortified Crops (activity in no. of Unit) **(ha)**	Kodo	1	4 acres	4
Govindnagar		Kuti,	1	2acres	2
Govindnagar		Sawa	1	2 acres	2
Govindnagar	Value addition (activity in no. of Unit/Enterprise)				
Govindnagar	Other Enterprises (activity in no. of Unit/Enterprise)				
Govindnagar	Income generation (activity in no. of Unit/Enterprise)				

Govindnagar	Drudgery reduction (activity in no. of Unit/ Enterprise)				

2. Technologies Demonstrated (FLD) in Nutri Smart Village

Name of KVK	Thematic area	Name of Intervention	No. of Activity	Area	No. of beneficiaries
Govindnagar	Nutritional Garden (activity in no. of Unit) **(m^2)**	Poshan Vatika	1	4000	10
Govindnagar	Bio-fortified Crops (activity in no. of Unit) **(ha)**				
Govindnagar	Value addition (activity in no. of Unit/Enterprise)				
Govindnagar	Other Enterprises (activity in no. of Unit/Enterprise)				
Govindnagar	Income generation (activity in no. of Unit/Enterprise)	Kadaknath	1		5
Govindnagar	Drudgery reduction (activity in no. of Unit/Enterprise)				

3. Training Programme conducted in Nutri Smart Village

Name of KVK	Training Title	No. of Courses	Duration (Days)	Gen		SC		ST		Other		Total
				M	F	M	F	M	F	M	F	
Govindnagar	Women Empowerment	1	1			7	1	8		2	2	**20**
Govindnagar	Miner millets	1	1					2	14			**16**
Govindnagar	Natural farming	1	1			10	4	5		18	5	**42**

4. Extension Activities in Nutri Smart Village

Name of KVK	Activity	No. of activities	SC		ST		Other		Officials		Total
			M	F	M	F	M	F	M	F	
Govindnagar	Stanpan week	1		9		17		16			**40**
Govindnagar	Film show	1	11	1	8	3	13				**36**
Govindnagar	Kisan goshti	4									**86**
Govindnagar	Natural farming	2									**47**
Govindnagar	Hemoglobin test	1									**74**
Govindnagar	Medical camp	1									**124**

LINKAGES
Functional linkage with different organizations

Name of organization	Nature of linkage
ATMA	Workshop, Mela, DAESI
NFL	Training
IFFCO	Training
NRLM	Training
Akshay Krishi Pariwar	Training
CIAE	Workshop

Details of linkage with ATMA / NFSM

a) **Is ATMA implemented in your district** Yes/No

Name of Programme	Nature of linkage
Workshop, Mela	**Natural farming**

Give details of programmers implemented under National Horticultural Mission

Name of Programme	Nature of linkage

Flagship programmes implemented at KVK

(NICRA, ARYA, Natural farming, CBBO, Seed Hub, Agri Drone etc)

Name of Flagship programmes

Month	Activity details	Beneficiaries/Area/Coverage
Jan- Dec	**Arya- Training –** Organic jaggery Production, Goat farming, Non-Timber Forest Produce (NTFP), Mahua collection processing value addition and Marketing, Lac Production	73
July, Sep, Oct, Nov, Dec	**Natural Frming** Training & awareness	318
Jan- Dec	**CBBO** – Training, Meeting	603
Jan- Dec	**Seed Hub – Soybean production**	31 (78.2acre)
Dec	**Agri Drone**	122 (512 acre)

Crop Cafeteria

Total Area of Crop cafeteria: 4000 Sq m

Crop	Season	Variety	Particulars /details	Area (Sq m)
Paddy	Kharif	10	Variety evaluation	340
Soybean	Kharif	8	Variety evaluation	288
Kodo, Kutki, Sawa	Kharif	1	Promotion	100
Wheat	Rabi	25	Variety evaluation	900
Chickpea	Rabi	11	Variety evaluation	132
Mustard	Rabi	3	Variety evaluation	36
Linseed	Rabi	1	Variety evaluation	12
Lentil	Rabi	1	Variety evaluation	12
Moong IIPR	Zayed	75	Variety evaluation	4000

Details of Demonstration Unit at KVK

Demonstration Unit	Particulars /details	Area (Sq feet)	Output /Production
Gaushala		15000	Milk, Ghee
Bio gas Plant		800	Slurry
Organic Manure Production Unit		1125	Jivamrit, ghan jivamrit, nimastra
Azola Production		1500	Azola
Lac Production Unit		350 Plant	Lac
Goat rearing unit		2000	Goat

Bio liquid Production Unit		400	Bio liquid
Fodder Production Unit		13200	Grass
Crop Production Unit		26400	Seed
Prom		2100	Prom
Seed Hub		4800	seed grading
Soil Testing Lab		450	Soil testing
Mushroom production		450	mushroom

Success stories/Case studies identified for development as a case: …….(no.)

Success stories/Case studies – (best two only in the following format in separate file attached)

Name of the KVK	
TITLE	
Introduction	
KVK intervention	
Output	
Outcome	
Impact	
Photographs (2-3 Photographs with caption in .jpeg format)	

Indicate the specific training need analysis tools/methodology followed for(Viz PRA, AES, line dept, ex trainees, interface,)

S. No.	Training	Need analysis tools/methodology followed
1	Identification of courses for farmers/farm women	RRA
2	Rural Youth	Interface
3	In-service personnel	Line department
4	methodology for identifying OFTs/FLDs	PRA and RRA
5	Matrix ranking	-

Field activities

Name of villages identified for adoption with block name:

S.No.	Name of Village	Name of Block	Distance of village from KVK (Km)
1	Tindwada	Bankhedi	5
2	Jhiriya	Bankhedi	15
3	Maharajganj,	Bankhedi	20
4	Koda Padrai,	Bankhedi	22
5	Dhadaw padaw	Bankhedi	22
6	Nejarkheda,	Bankhedi	20

1. No. of farm families selected per village : 20
2. No. of survey/PRA to be conducted: 6

Well labeled Photographs in .jpeg format with high resolution (300 dpi) of each activity of the KVK. (Separately) (pl don't paste photo in word file)