ICAR-ATARI, Pune

DETAILS OF ANNUAL PROGRESS REPORT OF KVKs DURING 2021

(January 2021 to December 2021)

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

Address with PIN code	Telephone		E mail	Website address & No. of visitors (hits)
Krishi Vigyan Kendra (Dr. PDKV), Waghapur road, Yavatmal I – 445 001 (MS)	Office 07232-248235	FAX	pckvkytl@yahoo.co.in kvkyavatmal@pdkv.ac.in	www.kvkyavatmal.pdkv.ac.in (129215)

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

Address	Telephone		E mail	Website address
	Office	FAX		
Vice chancellor, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola	Office-0724-2258200-217	FAX -0724-2258219, 2259248	vc@pdkv.mah.nic.in deepdkv@yahoo.com	**www.pdkv.ac.in**

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

Name	Telephone / Contact		
	Office	Mobile	Email
Dr. S. U. Nemade	07232-248235	9421771374	**pckvkytl@yahoo.co.in**

1.4. Date and Year of sanction:

1.5. Staff Position (as on December, 2021)

Sl. No.	Sanctioned post	Name of the incumbent	Mobile No.	Discipline	If Permanent, Please indicate		Date of joining	If Temporary
					Current Pay Band	Current Grade Pay		
1.	Senior Scientist and Head	Dr. S. U. Nemade	9421771374	Agronomy	37400-67000	9000	01/07/2017	Permanent
2.	Subject Matter Specialist	Vacant SMS (Home Science)	Vacant		Vacant	15600-39100	7000	Vacant
3.	Subject Matter Specialist	Mr M. B..Dhole	9921102110	Agricultural Extension	15600-39100	5400	22/09/2016	Permanent
4.	Subject Matter	Vacant SMS (AHDS)	Vacant		Vacant	15600-39100	5400	Vacant

	Specialist							
5.	Subject Matter Specialist	Dr. Sukesani Saumitra Wane	9423473629	Agricultural Engg.	15600-39100	5400	04/10/2016	Permanent
6.	Subject Matter Specialist	Dr. P. N. Magar	7757081885	Agricultural Entomology	15600-39100	5400	26/12/2016	Permanent
7.	Subject Matter Specialist	Vacant SMS (Agronomy)	Vacant		Vacant	Vacant	Vacant	Vacant
8.	Programme Assistant	Mr V.D. Rathod	9970655839	Programme Assit (Lab Tech)	9300-34800	4200	05/08/2016	Permanent
9.	Computer Programmer	Mr R.M. Deshmukh	8007679354	Programme Assit (Computer)	9300-34800	4200	08/08/2016	Permanent
10.	Farm Manager	Mr K.D. Shirsat	9822760209	(Farm Manager)	9300-34800	4200	04/01/2017	Permanent
11.	Accountant/Superintendent	Mr P. N. Ramteke	9881819913	(ASO)	9300-34800	4200	10/08/2016	Permanent
12.	Stenographer	Mr L. S. Gaikwad	9765322180	(Stenographer)	5200-20200	2400	08/09/2016	Permanent
13.	Driver 1	Shri.V. B. Borse (Driver)	9503529403	(Driver)	5200-20200	2000	10/10/2016	Physically Working at Registar office, Dr. PDKV, Akola
14.	Driver 2	Shri. A. R. Kadu	9665962470	(Driver)	5200-20200	2000	13/10/2016	Permanent
15.	Supporting staff 1	Ku. Ashwini D. Mahurkar	9579397797	(Skill Helper)	5200-20200	1800	04/10/2018	Permanent
16.	Supporting staff 2	Mr. Baratshing Sulane	9637283623	(Skill Helper)	5200-20200	1800	10/10/2018	Permanent

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)
1	Under Buildings	01.00
2.	Under Demonstration Units	00.40
3.	Under Crops	08.87
4.	Horticulture	01.00
5.	Pond	00.20
6.	Others if any (Specify)	00.00
	Total	11.47

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Year	Plinth area (Sq. m)	Expenditure (Rs.)	Starting year	Plinth area (Sq. m)	Status of construction
1.	Administrative Building	ICAR	Dec 2010	552	34.00	Sept.2009	--	Completed
2.	Farmers Hostel	ICAR	March 2007	400	--	--	--	--
3.	Staff Quarters (6)	ICAR	Dec 2010	400	--	Sept.2009	--	Completed
4.	Demonstration Units (2)	ICAR	June, 2010	72.270	4.00	06.09.09	--	Completed
5	Fencing	--	--	--	--	--	--	Need to Established
6	Rain Water harvesting system							
7	Threshing floor							
8	Farm godown							
9	ICT lab							
10	Other							

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Running	Present status
TATA SUMO SE+	2005	4,52,455.00	42292	Not in working
Bolero SL	2019	8,00,000	21,000	Working
HERO HONDA SPL +	2006	50000.00	32729	Not in Working
Tractor	2012	4,50,000	8720 hrs	Good Condition

C) Equipments& AV aids

Name of the equipment / Implements	Year of purchase	Cost (Rs.)	Present status
MEGA Phone	2006	2500.00	Working
Solar Tunnel Dryer	2018	9500.00	Working
Portable Zero Energy Cool chamber{CRIDA Model)	2018	3000.00	Working
Cooking Gas with Stove	2018	6000.00	Working
Mixer/ Grinder	2018	3600.00	Working
Boom Sprayer	2007	75200.00	Under Repair
V Pass	2008	12981.00	Working
Dr. PDKV Cotton Slasher	2009	84000.00	Working
5 Tyne cultivator	2008	17788.00	Working
M.B. Plough	2008	20625.00	Under Repair
9 Tyne Cultivator	2007	20625.00	Under Repair

1.8. Details of SAC meeting conducted in the year:

Date	Name and Designation of Participants	Salient Recommendations	Action taken
26.07.2021	Hon'ble Dr. V. M Bhale, VC, Dr. PDKV, Akola Hon'ble Dr. Lakhan Singh, Director, ATARI-ICAR, Pune Dr. Vilas Kharche, DEE, Dr. PDKV, Akola	1. Flex the banner in the front of KVK a progressive farmers 2. Instructional farm at KVK to take demonstration on use of improved farm implements. 3. Effective work on Pink Bollworm management and Root rot for cotton crop. 4. To take demonstration on Summer sorghum	• 3 progressive farmers flex the banners in KVK premises. • Taken demonstration on use of BBF Technology for sowing soybean crop on Instructional farm at KVK • KVK Organized awareness campaign on Pink Bollworm management and Root rot of cotton crop viz. training, demonstration, Field visit, Diagnostic visit • Under OFT programme KVK demonstrated 10 ha. On 25 farmers.
08.12.2021	Hon'ble Dr. Lakhan Singh, Director, ATARI-ICAR, Pune Dr. Dr. R. M. Gade, DEE, Dr. PDKV, Akola	1. Established Bio fertilizer Demo unit at KVK 2. To conduct Demonstration of cereals crop at Instruction farm of KVK 3. Motivate and publish the success stories of KVK contact farm women. 4. Developed farm pond structure at KVK instructional farm 5. Effective works on soil testing under RKVY programme	• Proposal submitted to SDAO, Yavatmal & DPDC Yavatmal and perceive progress. • Conducted demonstration at KVK farm. • Smt. Vishali Mahajan got state level bhausaheb mane awards for year 2021-22. • Project proposal submitted to DSAO, Yavatmal • KVK organized awareness campaign on soil testing and application of fertilizer on soil test based.

2. DETAILS OF DISTRICT / JURISDICTION AREA OF KVK

2.1. Major farming systems/enterprises (based on the analysis made by the KVK)

S. No	Farming system/enterprise
Agriculture + Horticulture	Yavatmal, Ghatanji, Babhulgaon & Kalamb
Agriculture + Poultry	Yavatmal, Ralegaon, Ghatanji, Pandharkawda & Wani
Agriculture + Dairy	Yavatmal, Ghatanji, Babhulgaon, Kalamb, Pandharkawda & Wani
Agriculture + Fishery (Seasonal) in govt. subsidies farm pond	Babhulgaon & Pandharkawda
Agriculture + Goatry	Yavatmal, Ghatanji, Maregaon, Ralegaon, Babhulgaon & Zari jamni
Agriculture + Silvipasture	Maregaon, Ralegaon & Zari

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

a) Soil type

S. No.	Agro-climatic Zone	Characteristics
1	Agro-climatic Zone No.8	Moderate Rainfall Zone. Only small western part of Darwha & Ner Tahsils falls under assured rainfall zone No. 7. The Average rainfall received in this Zone usually exceeds 900 m. m. The climate is hot and dry. More than 75% rainfall in this zone is received in Kharif season; hence Kharif cropping system predominates in the zone. In general, all types of soils are observed in this zone. Preferably, medium and heavy in texture, fairly high in clay content, alkaline in reaction, high lime reserve with high base saturation of the exchange complex. The soils are severely eroded & shallow. They are uneven in depth and are underlain by stony substrata. They are intercepted by gullies having rapid run off resulting in severe erosion & prone to doughtiness.

b) Topography

S. No.	Agro ecological situation	Characteristics
1	**I**	Medium to heavy soils, rainfed area
2	II	Light to medium soils, command area and well irrigation
3	III	Mostly Rainfed Medium to heavy soils, Surrounded by forest.
4	IV	Light to heavy soils, irrigation through wells, Horticulture crop pocket
5	V	Mostly rainfed light to Medium soils

2.3 Soil Types

S. No	Soil type	Characteristics	Area in ha
1	Shallow	Very dark brown clay, blocky, slightly hard, crack visible, disintegrated murum	50 %
2	Deep	Dark brown clay, cloddy, hard, lime nodules present thought the profile, Disintegrated murum	30 %
3	Very deep	Very dark brown clay, cloddy, hard, full of lime concretion increasing with depth	20 %

2.4. Area, Production and Productivity of major crops cultivated in the area of jurisdiction of KVK (2021)

S. No	Crop	Area (ha)	Production (MT)	Productivity (q./ha)
1	Cotton	476916	6821	554
2	Kharif Jowar	12591	84	258
3	Red gram	118281	714	313
4	Soybean	267345	312	855
5	Green gram	5196	15	293
6	Black gram	5610	14	268
7	wheat	50389	528.67	1471
8	Chickpea	126057	1480.84	1160.22
9	Rabi Jowar	2100	10	825
10	Rabi Maize	935	5.29	940

Source: District agriculture department.

2.5. Weather data (2021)

Month	Rainfall (mm)	Temperature (^{0} C)		Relative Humidity (%)	
		Maximum	Minimum	Maximum	Minimum
January	0	29.8	13.9	52.9	33.6
February	0	33.6	17.2	49.4	35.0
March	0	36.7	21.4	30.1	24.8
April	13.2	41.2	25.7	48.23	39.46
May	5.6	43.6	29.4	34.06	25.74
June	372.70	35.2	23.1	69.16	52.76
July	184.8	28.3	22.0	84.22	82.67
August	291.3	28.1	21.2	81.83	73.22
September	290.0	32.2	21.1	70.3	62.83
October	0	46.2	19.1	58.61	49.45
November	0	33.6	19.9	42.73	44.8

December	20.2	28.5	12.8	52.74	44.67
Total	1177.8	417	246.8	674.28	569

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

Category	Population	Production	Productivity
Cattle	**243078**		
Crossbred	6162	5.824	--
Indigenous	97332	4.124	--
Buffalo	31232	5.742	--
Sheep	26661	--	--
Goats	81691	0.206	--
Pigs	--	--	--
Crossbred	--	--	--
Indigenous	--	--	--
Rabbits	--	--	--
Poultry	**189490**		
Hens (*Crossbred)*			
Desi			
Category		Production (Q.)	Productivity
Fish (Reservoir)		31418	
Fish (Farm ponds)		158072	

2.7. Details of Operational area / Villages

Taluka / Block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
Ralegaon	Ridhora	Summer Saseme & Pigeon pea	Use of High yielding variety & Fertilizer Management& wilt in pigeon pea	INM, IPM & ICM
	Wadaki	Summer Groundnut ,Cotton , Pigeon pea & Chick pea	Pod formation due to delay sowing in groundnut crop, Pink bollworm infestation & Wilting	ICM, IPM
	Wadona Bazar	Cotton, Soybean & Pigeon Pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea & Pink bollworm infestation.	INM, IPM & ICM
	Ralegaon	Cotton	Pink bollworm infestation	IPM & Pest Management
Ghatanji	Inzala	Pigeon pea & Chick pea	wilt in pigeon pea & Chick pea	ICM , IPM & Pest Management
	Rajegaon	Pigeon pea & Chick pea	wilt in pigeon pea & Chick pea	ICM , IPM & Pest Management
	Rajurwadi	Cotton, Pigeon pea & Chick pea	Pink bollworm infestation	IPM & Pest Management
	Pimpri	Cotton, Pigeon pea & Chick pea	Para wilt in cotton	ICM
	Titwi	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Mandawa	Cotton & Pigeon pea	Wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
Kalamb	Dongarkharda	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Jodmoha	Cotton & Pigeon pea	Wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Asthi	Cotton, Soybean, Pigeon Pea & Chick pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation	INM, IPM & ICM
	Donoda	Pigeon pea & Wheat	Wilt infestation & Fertilizer Management	INM, IPM & ICM
	Kotha	Cotton & Wheat	Pink bollworm infestation, Wilt infestation & Fertilizer Management	INM, IPM & ICM
	Nanza	Pigeon pea, Soybean & Chick pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt	INM, IPM & ICM

Yavatmal	Savargad	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Pandhari	Cotton & Wheat	Pink bollworm infestation & Wilt infestation & Fertilizer Management	INM, IPM & ICM
	Jambh	Cotton & Pigeon pea	wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Dighori	Cotton	Pink bollworm infestation	IPM & Pest Management
	Loni	Fodder	Insufficient green fodder	Fodder Management
	Saykheda	Poultry	Low weight gain in local poultry bird.	Poultry management
Pandharkawada	Mauda	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Patan bori	Pigeon pea & Chick pea	wilt in pigeon pea & Chick pea	ICM , IPM & Pest Management
	Pandharkawada	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
ZariJamani	Dorli	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Pivardol	Cotton & Wheat	Pink bollworm infestation & Wilt infestation & Fertilizer Management	INM, IPM & ICM
	Khadakdoh	Cotton & Pigeon pea	wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Mukutban	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Marki Bk	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
Babhulgaon	Madani	Cotton & Wheat	Pink bollworm infestation, Wilt infestation & Fertilizer Management	INM, IPM & ICM
	Borgaon	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Kotamba	Cotton & Wheat	Pink bollworm infestation, Wilt infestation & Fertilizer Management	INM, IPM & ICM
	Gadva	Cotton & Wheat	Pink bollworm infestation, Wilt infestation & Fertilizer Management	INM, IPM & ICM
	Sarphali	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
Wani	Madra	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Nandepera	Cotton, Soybean , Pigeon pea & Chick pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Naigaon	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Nimbhala road	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Velabai	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
Maregaon	Hatvanjari	Cotton & Pigeon pea	Wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Chinchala	Cotton & Pigeon pea	Wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Kinhala	Cotton & Pigeon pea	Wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Pahapal	Cotton & Pigeon pea	Wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Sarati	Cotton & Pigeon pea	Wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM

2.8. Priority thrust areas:

Crop/Enterprise	Thrust area
Agronomy	• Improving productivity of cotton, chickpea, soybean, pigeonpea, Jowar, wheat, greengram and blackgram. • Approaching to advance cropping system. • Crop diversification in cotton based cropping system. • Approach towards sustainable agriculture. • Approach towards INM • In-situ moisture conservation techniques • Motivation of the farmers towards the adoption of new improved cultivars
Animal Science	• Fodder cultivation for self sufficiency in feed & fodder • Reducing the cost of feed due to enrichment • Identifying mineral Deficiency • Improper feeding management in poultry
Plant protection	• Technology dissemination for cost effective and efficient plant protection. • Introduction of high yielding varieties with appropriate plant protection strategy • Improvement in productivity and quality of Onion, Okra production • Utilization of biocontrol agents in the pest and disease management • Lack of knowledge regarding recommended insecticides with label claim • Poor knowledge of eco-friendly plant protection measures • Safe use of pesticide
Agril Engg	• Farm Mechanization • Water management and Micro-irrigation • Watershed Management • Renewable energy sources • Post harvest technology
Exten. Education	• Effective Transfer of Technology through Group Commodity • Entrepreneurship development of Farming Community. • Farm Mechanization • Technology dissemination through training & extension activities. • Promotion of cultivation technologies for group commodity

3. TECHNICAL ACHIEVEMENTS

3.1. A. Details of target and achievements of mandatory activities

OFT				FLD			
1				2			
Number of OFTs		Number of farmers		Number of FLDs		Number of farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
06	06	42	42	7	7	172	172

Training				Extension Programmes			
3				4			
Number of Courses		Number of Participants		Number of Programmes		Number of participants	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
52	198	1713	8473	22	22	1795	1795

Seed Production (Qtl.)		Planting materials (Nos.)	
5		6	
Target	Achievement	Target	Achievement
30.5	30.5	00	00

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
		67 kg (Azola)	67 kg (Azola)

3.1. B. Operational areas details during 2021

S.No.	Major crops & enterprises being practiced in cluster villages	Prioritized problems in these crops/ enterprise	Extent of area (ha/No.) affected by the problem in the district	Names of Cluster Villages identified for intervention	Intervention (OFT, FLD, Training, extension activity etc.)*
1	Assess the performance of Post emergence (PoE) application of Clodinafop Propargyl +Metasulfuran Methyl @(0.06+0.004Kg ai/ha) (Premix) in wheat crop At 35DAS	1. The conventional method of weed control (i.e. hoeing, handweeding) are very laborious expensive and time consuming 2. Heavy weed infestation in Wheat during critical crop weed competition resulted in low yield of Wheat. 3. Difficulty in weeding operation during continuous rains & labour availability for weeding 4. High cost of cultivation	7 farmers 2.8 ha. area	Yavatmal taluka	OFT: Weed Count /sqmt, Plant height, No. of tillers per Meter, Yield qt/ha, B:C ratio
2	Enhancing the productivity of pigeon by application of Gibberellic acid 90% a.i.(GA3)@ 25 ppm (13.9 g per ha). at flowering and pod development stage.	Low productivity of pigeon pea due to inbalance nutrient management. Lack of knowledge about PGR and ICM practices.	7 farmers 2.8 ha. area	Babhulgaon Taluka	OFT: Plant Dry matter, Grain Yield (qha^{-1}), Grain Test Weight, Grain yield per plant & B:C ratio
3	Pigeon Pea	1. Decreased crop production due lack of knowledge about improved cultivation practices of Pigeon pea 2. Lack of awareness amongst farmers about high yielding and medium duration wilt registrant varieties of Pigeon pea	50 farmers 20 ha. Area	Ralegoan & Maregon Taluka	FLD: Plant height, Grain yield & B:C ratio
4	Chick Pea	1) Lack of awareness among the farmers regarding new high yielding, bold seeded variety of Gram. 2) Low yield of Chickpea due to in-balance use of nutrients	50 farmers 20 ha. Area	Ghatanji & Kalamb Taluka	FLD: Plant height,No. of Pod per plant, Grain yield & B:C ratio
5	Sorghum	1) Lack of awareness among the farmers	25 farmers 10 ha. Area	Ghatanji & Kalamb	FLD: Plant height, Grain and Straw yield &

		regarding improved variety suitable for rabi Season 2) Low yield of Sorghum due to in balance use of nutrients & crop management.		Taluka	B:C ratio
6	Cotton	Pink bollworm management	13 farmers 5.2 ha area	Kinhi	OFT, Training, Extension activity
7	Soybean	Stem fly, girdle beetle and root rot infestation	13 farmers 5.2 ha area	Shivani	OFT, FLD, Training, Extension activity
8	Chickpea	Pod borer infestation	13 farmers 5.2 ha area	Saykheda	FLD, Training, Extension activity
9	Supplementation of Azolla Powder as growth promoter in broiler chicken	Less weight gain	No. of birds: 260 No. of farmers :13	Khairi	Supplementation of Azolla Powder @ 0..05 % : OFT
10	Effect of feeding of Azolla Pinnata on growth performance of ND Heifers	1. Low live weight gain 2. Low milk yield	No. of Animals: 26 No. of farmers: 13	Kapara	Control (T0)- concentrate mixture + green fodder + straw (70:30) (T1)- concentrate mixture replacing 50% of Azolla + green fodder + straw (70:30: OFT
11	Effect of supplementation of chealated mixture on milk yield of buffalo (ND)	1. Low live weight gain 2. Low milk yield 3. Infertility	No. of Animals: 40 No. of farmers: 20	Madani	Farmers Practice : routine feeding (Green fodder + Dry fodder) T1: farmers practice + feeding of conc. Mixture+ mineral mixture: FLD
12	Effect of feeding of Azolla as a green fodder feed supplement on productive performance of ND- Cow	Milk yield	No. of Animals: 30 No. of farmers: 15	Arjuna	Using green azolla 1000 gm/d as a feed supplements in ND- cow increase milk yield 0.9 liter as compare to T2
13	Tractor drawn Stubble collector	Collection of stalks and stubbles requires more labours	100ha	Barbada Tal. Yavatmal	OFT
14	Drip lateral coiler	Winding of drip laterals should be made smoothly without folds to increase life of laterals	150ha	Pardi Tal. Kalamb	OFT
15	Mini Solar dryer	Drying of chilli requires more time and quality of dryied chilli is not good.	50 ha	Krishnapur Tal. Babhulgaon	FLD
16	Broad bed furrow	Sowing and furrow making is expensive. Plant to plant distance can not maintain by local seed drill.	5.2 ha	--	FLD

* Support with problem-cause and interventions diagram

3.2. Technology Assessment (Kharif 2021, Rabi 2020-21, Summer 2021)

A1. 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
Integrated Nutrient Management	--	--	--	--	--	--	--	--	--	--
Varietal Evaluation	--	--	--	--	--	--	--	--	--	--
Integrated Pest Management	--	--	--	--	--	--	--	--	--	--
Integrated Crop Management	--	01	02	01	--	--	--	--	--	--
Integrated Disease Management		--	01	03						

Small Scale Income Generation Enterprises	--	--	--	--	--	--	--	--	--	--
Weed Management	--	--	--	--	--	--	--	--	--	--
Resource Conservation Technology	--	--	--	--	--	--	--	--	--	--
Farm Machineries	--	01		01	01	--	--	01	--	--
Integrated Farming System	--	--	--	--	--	--	--	--	--	--
Seed / Plant production	--	--	--	--	--	--	--	--	--	--
Value addition	--	--	--	--	--	--	--	--	--	--
Drudgery Reduction	--	--	--	--	--	--	--	--	--	--
Storage Technique	--	--	--	--	--	--	--	--	--	--
Mushroom cultivation	--	--	--	--	--	--	--	--	--	--
Total		02	03	05	01			01		

A2. Abstract on the number of technologies assessed in respect of livestock enterprises

Thematic areas	Cattle	Poultry	Piggery	Rabbitry	Fisheries	TOTAL
Evaluation of Breeds	--	--	--	--	--	--
Nutrition Management	--	--	--	--	--	--
Disease of Management	--	--	--	--	--	--
Value Addition	--	--	--	--	--	--
Production and Management	--	--	--	--	--	--
Feed and Fodder	--	--	--	--	--	--
Small Scale income generating enterprises	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--

B. Achievements on technologies Assessed

B.1. Technologies Assessed under various Crops

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha (Per trial covering all the Technological Options)
Integrated Nutrient Management					
Varietal Evaluation					
Integrated Pest Management	Cotton	Management of Bollrot disease in cotton	07	07	2.8
	Chick pea	Management of Root rot in chick pea	07	07	2.8

Integrated Crop Management	Pigeon pea	Enhancing the productivity of pigeon by use of PGR spray	07	07	2.8
Integrated Disease Management					
Small Scale Income Generation Enterprises					
Weed Management	Wheat	Assess the performance of Post emergence (PoE) application of Herbicide in wheat crop	07	07	2.8
Resource Conservation Technology					
Farm Machineries	Cotton	Tractor drawn Stubble collector	07	07	0.4
	Cotton	Drip lateral coiler	07	07	0.4
Integrated Farming System					
Seed / Plant production					
Value addition					
Drudgery Reduction					
Storage Technique					
Mushroom cultivation					
Total					

B. 2. Technologies assessed under Livestock and other enterprises

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Evaluation of breeds	--	--	--	--
Nutrition management	--	--	--	--
Disease management	--	--	--	--
Value addition	--	--	--	--
Production and management	--	--	--	--
Feed and fodder	--	--	--	--
Small scale income generating enterprises	--	--	--	--
Total				

C. 1. Results of Technologies Assessed

Results of On Farm Trial : Agromony

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Wheat	Irrigated	1. The conventional method of weed control (i.e. handweeding) are very laborious expensive and time consuming 2. Heavy weed infestation in Wheat crop during critical crop weed competition resulted in low yield of Wheat. 3. High cost of cultivation	Assess the performance of Post emergence (PoE) application of Herbicide in wheat crop	07	T_1: Farmer Practice (2 weeding at 20 and 40 DAS) T_2: Application of Meta sulfuron methyl 20 % WP @ 0.004 a.i./ha PoE 30 DAS T_3: Spray Post emergence application of weedicide Combination of clodinafop propargyl 15% + Meta sulfuron methyl 1% WP (Premix)@ 0.4 kg/ha PoE 30 to 35 DAS (Sandesh/ vesta 160 g/acre	Weed Count /sqmt, Plant height, No. of tillers per Meter, Yield qt/ha, B:C ratio	--	Farmers practice (T_1) recorded significantly lower weed count & weed dry weight at 90 DAS stage compared to other treatment. Between the herbicidal treatments (T_2&T_3) the recorded treatment (T_3) resulted higher WCE, Higher grain yield, minimum weed index, highest NMR & B:C ratio than the treatment (T_2) Hence, T_3 appeared to be statistically equally effective & best subsitute for farmers practice (T_1) under circumstance of non availability of labor for weeding.	Comparatively use of pre mix herbicide is more effective for weed control than indidual application of Meta sulfuron methyl and that resulted more yield.	--	--

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	**14**	**15**	**16**	**17**	**18**
T_1: Farmer Practice (2 weeding at 20 and 40 DAS)		42.71	q/ha	56245	2.89
T_2: Application of Meta sulfuron methyl 20 % WP @ 0.004 a.i./ha PoE 30 DAS	Dr. PDKV, Akola	35.29	q/ha	43268	2.55
T_3: Spray Post emergence application of weedicide Combination of clodinafop propargyl 15% + Meta sulfuron methyl 1% WP (Premix)@ 0.4 kg/ha PoE 30 to 35 DAS (Sandesh/ vesta 160 g/acre	--	40.86	q/ha	53517	2.86

C2. Details of each On Farm Trial for assessment to be furnished in the following format separately as per the following details

1. **Title of Technology Assessed : Assess the performance of Post emergence (PoE) application of Herbicide in wheat crop**

2. **Problem Definition :** 1. The conventional method of weed control (i.e. hoeing, handweeding) are very laborious expensive and time consuming
   2. Heavy weed infestation in Wheat during critical crop weed competition resulted in low yield of Wheat.
   3. Difficulty in weeding operation during continuous rains & labour availability for weeding
   4. High cost of cultivation

3 **Details of technologies selected for assessment:**

4 **Source of technology:** Dr.PDKV, Akola

5 **Production system and thematic area:** Crop production

6 Performance of the Technology with performance indicators:

7. **Feedback**, **matrix scoring of various technology parameters done through farmer's participation / other scoring techniques** : Comparatively use of pre mix herbicide is more effective for weed control than indidual application of Meta sulfuron methyl and that resulted more yield.

8 **Final recommendation for micro level situation:** Nil

9 **Constraints identified and feedback for research and developmental departments**

10 **Process of farmers participation and their reaction**

Results of On Farm Trial-2: Agronomy

Crop/ enterprise	Farming situation	**Problem definition**	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Pigeon	Reinfed	**Low productivity of pigeon pea due to imbalance nutrient management. Lack of knowledge about PGR and ICM practices.**	**Enhancing the productivity of pigeon by use of Gibberellic acid 90% a.i. spray**	07	**T_1: Farmers practice (No use of PGR, not follow seed treatment & balanced nutrient)** **T_2: Foliar application of 1% Humic acid at flowering and pod development stage.** **T_3: Two spray of gibberellic acid 90% a.i. @ 25 ppm (13.9 g per ha) at flowering and pod development stage with integrated crop management.**	Plant Dry matter, Grain Yield (qha^{-1}), Grain Test Weight, Grain yield per plant & B:C ratio	Plant Dry matter, Grain Yield (qha^{-1}), Grain Test Weight, Grain yield per plant & B:C ratio were recorded	From the yield data it is reveled that recommended i.e. T_3: Two spray of gibberellic acid 90% a.i. @ 25 ppm (13.9 g per ha) at flowering and pod development stage with integrated crop management. Recorded highest grain yield (15.55 q/ha) as compared to farmers practices (13.20 q/ha) & it is 17.80 % more than farmers practice. However T_2: Foliar application of 1% Humic acid at flowering and pod development stage. Also recorded 6.74 % more yield over farmers practices. Similar result noticed about Net return & B: C ratio of assessed technology against farmers practice	This assessment programme is very effective for increasing the productin & productivity of pigeon pea crop defiantly, it can be a mile stone programme for increasing farmers income, bringing nutritional security and motivated other farmers to adopt the assessed technology	--	--

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17	18
T_1: Farmers practice (No use of PGR, not follow seed treatment & balanced nutrient)	--	14.38	q/ha	61886	3.16
T_2: Foliar application of 1% Humic acid at flowering and pod development stage	--	17.50	q/ha	81233	3.80
T_3: Two spray of gibberellic acid 90% a.i. @ 25 ppm (13.9 g per ha) at flowering and pod development stage with integrated crop management.	Dr. PDKV, Akola	18.75	q/ha	89294	4.10

C2. Details of each On Farm Trial for assessment to be furnished in the following format separately as per the following details

1. **Title of Technology Assessed Enhancing the productivity of pigeon by use of PGR spray.**
2. **Problem Definition :** Low productivity of pigeon pea due to inbalance nutrient management. Lack of knowledge about PGR and ICM practices
3. **Details of technologies selected for assessment:** T_3: Two spray of gibberellic acid 90% a.i. @ 25 ppm (13.9 g per ha) at flowering and pod development stage with integrated crop management.
4. **Source of technology:** Dr. PDKV, Akola
5. **Production system and thematic area :**
6. **Performance of the Technology with performance indicators:** Crop production
7. **Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques** : This assessment programme is very effective for increasing the production & productivity of pigeon pea crop defiantly, it can be a mile stone programme for increasing farmers income, bringing nutritional security and motivated other farmers to adopt the assessed technology
8. **Final recommendation for micro level situation :**
9. **Constraints identified and feedback for research and developmental departments :**
10. **Process of farmers participation and their reaction**

Results of On Farm Trial-1: Entomology

Crop/ enterprise	Farming situation	**Problem definition**	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Cotton	Reinfed	Low productivity of cotton due to heavy infestation of boll rot.	**Management of Bollrot disease in cotton**	07	**T_1: Farmers practice (two sprayings of Carbendazim,50 WP @ 10 gm or Mancozeb 75% WP@30 gm/ 10 liter water)** **T_2: Copper oxychloride 50% WP (25 gm)+ Streptomycine (2gm) in 10 liter water** **T_3: - Spraying of Pyraclostrobin 5% +Metiram 55% WG (20 gm) in 10 liter water**	Bollrot infestation, yield & cost of plant protection.	Bollrot infestation, yield & cost of plant protection, B:C ratio were recorded	From the recorded data it has been reveled that technology option 3 recorded lowest PBW infestation in cotton with higher yield as compared to T2 and farmers practice	Effective and low cost management of boll rot in cotton.	**Alternative to Streptomycine**	**Streptomycine used is prohabited in india**

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Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17	18
T_1: Farmers practice (two sprayings of Carbendazim,50 WP @ 10 gm or Mancozeb 75% WP@30 gm/ 10 liter water)	--	18.28	q/ha	58594/-	2.12
T_2: Copper oxychloride 50% WP (25 gm)+ Streptomycine (2gm) in 10 liter water	CICR, Nagpur	18.59	q/ha	62467/-.	2.24
T_3: - Spraying of Pyraclostrobin 5% +Metiram 55% WG (20 gm) in 10 liter water	CICR, Nagpur	19.92	q/ha	72516/-	2.51

C2. Details of each On Farm Trial for assessment to be furnished in the following format separately as per the following details

1. **Title of Technology** Management of Bollrot disease in cotton
2. **Problem Definition :** Low productivity of cotton due to heavy infestation of boll rot.
3. **Details of technologies selected for assessment:**
   a. **T_1: Farmers practice (two sprayings of Carbendazim,50 WP @ 10 gm or Mancozeb 75% WP@30 gm/ 10 liter water)**

   b. **T_2: Copper oxychloride 50% WP (25 gm)+ Streptomycine (2gm) in 10 liter water**

   c. **T_3: - Spraying of Pyraclostrobin 5% +Metiram 55% WG (20 gm) in 10 liter water**

4. **Source of technology:** CICR, Nagpur
5. **Production system and thematic area : Integrated Disease Management**
6. **Performance of the Technology with performance indicators:** Plant protection, Disease Management
7. **Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques** : Effective and low cost management of boll rot in cotton.
8. **Final recommendation for micro level situation : Maintain proper spacing and maintain optimum plant population.**
9. **Constraints identified and feedback for research and developmental departments :**
10. **Process of farmers participation and their reaction**

Results of On Farm Trial-2: Entomology

Crop/ enterprise	Farming situation	**Problem definition**	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Chick pea	Irrigated	Low productivity of chickpea due to infestation of root rot and wilting.	**Management of Root rot in chick pea**	07	**T_1: Farmers practice (two sprayings of Carbendazim,50 WP @ 10 gm or Mancozeb 75% WP@30 gm/ 10 liter water)** **T_2: Trichoderma (4 gm) per kg Seed** **T_3: - application of 2 kg Trichoderma in 40 kg FYM per Acre.**	Root Rot infestation, yield & cost of plant protection.	Root Rot infestation, yield & cost of plant protection, B:C ratio were recorded	Yield Result are Awaited. From the recorded data it has been reveled that technology option 3 recorded lowest Root Rot infestation in chick pea as compared to T2 and farmers practice	Effective and low cost management of Root rot in chick pea.		

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17	18
T_1: Farmers practice (two sprayings of Carbendazim,50 WP @ 10 gm or Mancozeb 75% WP@30 gm/ 10 liter water)	--	Result Awaited	q/ha	--	--
T_2: Trichoderma (4 gm) per kg Seed	CIBRC, Faridabad	Result Awaited	q/ha	--	--
T_3: - application of 2 kg Trichoderma in 40 kg FYM per Acre.	CIBRC, Faridabad	Result Awaited	q/ha	--	--

C2. Details of each On Farm Trial for assessment to be furnished in the following format separately as per the following details

1. **Title of Technology: Management of Root rot in chick pea**
2. **Problem Definition :** Low productivity of chickpea due to infestation of root rot and wilting. .
3. **Details of technologies selected for assessment:**
   a. **T_1: Farmers practice (two sprayings of Carbendazim,50 WP @ 10 gm or Mancozeb 75% WP@30 gm/ 10 liter water)**
   b. **T_2: Trichoderma (4 gm) per kg Seed**
   c. **T_3: - application of 2 kg Trichoderma in 40 kg FYM per Acre.**
5. **Source of technology:** CIBRC, Faridabad
5 **Production system and thematic area : Integrated Disease Management**
6 **Performance of the Technology with performance indicators:** Plant protection, Disease Management
7. **Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques** : Effective and low cost management of Root rot in chick pea
8 **Final recommendation for micro level situation .**
9 **Constraints identified and feedback for research and developmental departments :**
10 **Process of farmers participation and their reaction**

Results of On Farm Trial : Agriculture Engineering

Crop/ enterprise	Farming situation	**Problem definition**	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Cotton	Rainfed	Collection of stalks and stubbles requires more labours	Tractor drawn Stubble collector	07	Tractor drawn Stubble collector	• Field capacity hours/ha • Operating cost Rs/ha	• Time require per ha. • Cost per ha. for labours & tractors	• Field capacity 0.6 ha/hour	Tractor drawn Stubble collector is sutaible in cotton field	--	--

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Technology Assessed	Source of Technology	Field capacity	Efficiency %	Operation cost (Rs/ha)	BC Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice)	--	0.013 ha/hour	94	1860	--
Tractor drawn Stubble collector	Dr. PDKV., Akola	0.6 ha/ hour	97	1250	--

C2. Details of each On Farm Trial for assessment to be furnished in the following format separately as per the following details

1 Title of Technology Assessed: Assessment of Tractor drawn stubble collector

2 Problem Definition: collection of stubbles in cotton and tur fields is laborious,

3 Details of technologies selected for assessment: Tractor drawn stubble Collector

4 Source of technology: Dr. PDKV, Akola

5 Production system and thematic area: Farm Machanizatiom

6 Performance of the Technology with performance indicators: Field Capacity, Efficiency and cost of Operation

7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques – It is time, labour and cost saving technology

8 Final recommendation for micro level situation- Tractor drawn stubble collector is very useful in cotton fields.

9 Constraints identified and feedback for research and developmental departments: Nil

10 Process of farmers participation and their reaction -through demonstations on their fields

Results of On Farm Trial

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Cotton	Rain fed	1. Collection of drip lateral is labour intensive operation and folds 2. Labour availability is less. 3. Reduced life of manually collected laterals	Drip lateral coiler	07	PDKV Drip lateral coiler	Time required hours/ha	Time required hours/ha	Horizontal drip lateral coiler save time and cost	Horizontal drip lateral coiler is more efficient done vertical drip lateral coiler and farmers practice method	--	--

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Technology Assessed	Source of Technology	Time requied hours/ha	Cost of operation (Rs/ha)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17	18
T1: Local practic	--	0.076	600	---	--
T2: PDKV horizontal drip lateral coiler	PDKV, Akola.	0.0128	300	--	--
T3: Vertical Drip Lateral Coiler		0.099	500	--	--

C2. Details of each On Farm Trial for assessment to be furnished in the following format separately as per the following details

1 Title of Technology Assessed : PDKV Drip lateral coiler

2 Problem Definition : Winding of drip laterals should be made smoothly without folds to increase life of laterals

3 Details of technologies selected for assessment : Horizontal Drip lateral coiler and Vertical Drip lateral coiler

4 Source of technology : PDKV, Akola.

5 Production system and thematic area : Farm Mechanizaton

6 Performance of the Technology with performance indicators : Field capacity and operating cost

7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques : Horizontal drip lateral coiler is more efficient done vertical drip lateral coiler and farmers practice method

8 Final recommendation for micro level situation : Horizontal drip lateral coiler is more suitable to coil the laterals

9 Constraints identified and feedback for research and developmental departments: Nil

10 Process of farmers participation and their reaction : Demonstration on their field

3.3. FRONTLINE DEMONSTRATION

A. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated during previous year and popularized during 2021 and recommended for large scale adoption in the district

S. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
1	Soybean	Integrated Crop Management	Use MAUS-158 Variety + Bio fertilizer + Soil Tested Based Fertilizer Application (25:75:30 NPK kg/ha) + IPM	High yielding variety	04	50	20
2	Pigeon Pea	Integrated Crop Management	1.high yielding variety BDN- 716 2. Integrated Crop Management (ICM) Practices i.e. Seed treatment; Soil test based Nutrient management, application of PGR & IPM practice.	High yielding variety	03	50	20
3	Chick Pea	Integrated Crop Management	1.high yielding variety AKG 1109 (PDKV Kanchan) / Rajvijay-203 2. Use of bio fertilizer 3.RDF (25:50:30) 4. 2 spray of 2% urea at pre- flowering stage and 10 days after first spraying 5. IPM	High yielding variety	04	50	20
4	Sorghum	Integrated Crop Management	1.Use high yielding improved variety PKV Kranti (AKSV13R) 2. Use of bio fertilizer 3.RDF (80:40:40) 4. IPM	Inproved & High yielding variety	01	25	10
5	Soybean	Disease Management	Seed treatment of Carboxin 37.5% + Thiram 37.5% for the management of root rot in soybean	Seed treatment of Carboxin 37.5% + Thiram 37.5% @ 2g/ Kg seeds	02	152	130
6	Chickpea	Pest Management	Pod borer management in chickpea	Spraying of HaNPV 2% AS @10 ml at 50% flowering and ETL based spraying of Emamectin benzoate 5SG @ 10 ml/ 10 L water at 15 days interval.	01	100	70
7	Broad Bed Furrow Planter	Farm Mechanization	Demonstration of Broad Bed Furrow Planter	Demonstrations and training	01	10	4.00
8	Mini solar tunnel dryer	Post harvest technology	Demonstration of Mini Solar tunnel dryer	Demonstrations and training	01	10	--

B. Details of FLDs implemented during 2021 **(Kharif 2021, Rabi 2020-21, Summer 2021)** (Information is to be furnished in the following **three tables** for **each category** i.e. **cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops**.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Pigeon Pea	Integrated Crop Management	1.high yielding variety BDN- 716 2. Integrated Crop Management (ICM) Practices i.e. Seed treatment; Soil test based Nutrient management, application of PGR & IPM practice.	Kharif 2021	20	20	06	42	50	
2	Chick Pea	Integrated Crop Management	1.high yielding variety AKG 1109 (PDKV Kanchan) / Rajvijay-203 2. Use of bio fertilizer 3.RDF (25:50:30) 4. 2 spray of 2% urea at pre- flowering stage and 10 days after first spraying 5. IPM	Rabi 2021-22	20	20	04	46	50	
3	Sesame	Integrated crop Management	Integrated Crop Management Practices in Sesame (ICM) variety: PKV NT-11	Summer 2022	10	10	2	2	25	
4	Cotton	Integrated Pest Management	IPM module 1. Plucking of rosette flowers. 2. Install Pheromone traps 2 per acre 3. Spraying of Azadirachtin 1500 PPM followed by need based sprayings of Chlorpyrifos 20% EC	Kharif 2021	5.2	5.2	4	9	13	
5	Soybean	Integrated Pest Management	1. Spraying of Ethion 50% EC 2. Spraying of Chlorantraniliprole 18.5 SC.	Kharif 2021	5.2	5.2	5	8	13	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Soybean var.- JS-335	Kharif 2020-21	Rainfed	Entisol	Low	Medium	Medium	fallow	June,2021	Oct-2021	578.4	42
Pigeonpea : BSMR-736	Kharif 2020-21	Rainfed	Entisol	0	0	0	fallow	June, 2021	Dec-2021	578.4	42
Pigeonpea:	Kharif 2020-21	Rainfed	Entisol	0	0	0	Soybean	June-2021	Dec-2021	578.4	42
Chickpea : JAKI -9218	Rabi 2020-21	Irrigated	Entisol	0	0	0	Soybean	Oct, 2021	Feb-2021	578.4	42
Soybean	Kharif 2020-21	RF	Medium to heavy				Cotton	12/06/2021	19.09.2021		
Chickpea	Rabi	RF	Medium to heavy				Soybean	20.11.2021	26.02.2021		

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Chick pea – var. demo High yielding variety
2	Pigeon pea – ICM Good technology required to be demonstrated widely
3	Cost effective management of pink boll worm in cotton
4	Low cost management in soybean of stem fly and girdle beadle
5	Sowing and ridges making using BBF planter save time upto 62% and increases production upto 23.07% as compare to local method.
6	Mini solar tunnel dryer dried red chilli in good condition and retain red color properly

Farmers' reactions on specific technologies

S. No	Feed Back
1	Chick pea – var. demo Accepted and demand for next season
2	Pigeon pea – ICM Accepted and demand for next season
3	Reduction in cost of plant protection for the management in pink bollworm in cotton
4	Effective management of stem fly and girdle beadle in soybean with reduction in number of spraying
5	BBF planter is good for sowing the Soybean.
6	Mini solar tunnel dryer is suitable to dry red chilli

Extension and Training activities under FLD

Sl. No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	03	07.03.2021,28.12.2021.11.02.20222	139	--
2	Farmers Training	06	21.06.2021,01.07.2021,30.07.2021, 17.09.2021,24.11.2021,01.02.2022	126	--
3	Media coverage	--	--	--	--
4	Training for extension functionaries	--	--	--	--

C. Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Groundnut																		
Sesamum	Integrated Crop Management	ICM in in Sesame	PKV NT-11	25	10	10.95	6.75	8.13	7.38	10.16	18503	59406	40903	3.21	20875	53926	33051	2.58

Mustard																		
Safflower																		
Linseed																		
Sunflower																		
Soybean	Integrated Pest Management	1. Spraying of Ethion 50% EC 2. Spraying of Chlorantraniliprole 18.5 SC.	--	13	5.2	18	16.5	17.32	16.6	4.34	28000	68414	40414	2.44	32500	65570	33070	2.01
Castor																		

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Frontline demonstration on pulse crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Pigeon pea	Integrated Crop Management	ICM in pigeon pea	BDN-716	50	20	20.13	13.75	17.25	13.78	25.18	26155	108675	82520	4.16	28498	86814	58316	3.05
Blackgram																		
Greengram																		
Chickpea	Integrated Crop Management	ICM in Chick pea	Phule Vikram	50	20	23.75	18.13	20.00	15.58	28.37	34352	104600	70248	3.04	36011	81483	45472	2.26
Fieldpea																		
Lentil																		
Horsegram																		
Cowpea																		

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

FLD on Other crops

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average												
Cereals	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Paddy	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Waterlogged Situation	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Coarse Rice	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Scented Rice	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Wheat	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Wheat Timely sown	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Wheat Late Sown	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mandua	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barley	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Maize	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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Finger millet	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vegetables	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bottlegourd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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Spongegourd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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Tomato	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Frenchbean	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Capsicum	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chilli	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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Vegetable pea	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Softgourd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Okra	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Colocasia (Arvi)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Broccoli	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cucumber	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Onion	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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Elephant fruit	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any other (Pl specify)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Flower crops	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Marigold	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bela	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tuberose	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gladiolus	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any other (Pl. specify)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fruit crops	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mango	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Strawberry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Guava	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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Any other (Pl. specify)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Spices & condiments	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ginger	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Garlic	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Turmeric	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Commercial Crops	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sugarcane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Potato	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cotton	Integrated Pest Management	Pink Bollworm infestation in cotton	13	5.2	19	17	18	17.39	3.51	18	17.39	48000	108450	60450	2.25	52800	104774	51974	1.98
Medicinal & aromatic plants	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mentholment	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Kalmegh	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ashwagandha	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any other (Pl. specify)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fodder Crops	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sorghum (F)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cowpea (F)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Maize (F)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lucern	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Berseem	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Oat (F)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Napier	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Grasses	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cereals	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Paddy	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Waterlogged Situation	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Coarse Rice	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Scented Rice	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Wheat	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Wheat Timely sown	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Wheat Late Sown	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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Millets	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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Bajra	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barnyard millet	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Finger millet	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vegetables	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bottlegourd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Bittergourd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cowpea	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Spongegourd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Petha	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tomato	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Frenchbean	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Capsicum	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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Brinjal	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vegetable pea	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Softgourd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Okra	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Colocasia (Arvi)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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Cucumber	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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Cauliflower	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Elephant fruit	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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Marigold	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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Spices & condiments	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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Medicinal & aromatic plants	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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Waterlogged Situation	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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Amaranth	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Millets	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Jowar	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bajra	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barnyard millet	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Finger millet	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vegetables	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bottlegourd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bittergourd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cowpea	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Spongegourd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Petha	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tomato	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Frenchbean	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Capsicum	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chilli	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Brinjal	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vegetable pea	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Softgourd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Okra	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Colocasia (Arvi)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Broccoli	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cucumber	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Onion	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Coriender	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lettuce	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cabbage	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Cauliflower	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Elephant fruit	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any other (Pl specify)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Flower crops	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Marigold	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bela	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tuberose	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gladiolus	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any other (Pl. specify)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fruit crops	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mango	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Strawberry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Guava	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Banana	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Papaya	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Muskmelon	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Watermelon	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any other (Pl. specify)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Spices & condiments	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ginger	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Garlic	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Turmeric	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Frontline Demonstration on Nutri cereals

Crop	Thematic Area	Technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

FLD on Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of Units (Animal/ Poultry/ Birds, etc)	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cattle	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Buffalo	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Buffalo Calf	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dairy	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Poultry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sheep & Goat	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vaccination	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

FLD on Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Common Carps	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Composite fish culture	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Feed Management	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

FLD on Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.) or Rs./unit				Economics of check (Rs.) or Rs./unit			
				Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Oyster Mushroom	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Button Mushroom	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Apiculture	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Maize Sheller	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Value Addition	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vermi Compost	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sericulture	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

FLD on Women Empowerment

Category	Name of technology	No. of demonstrations	Name of observations	Demonstration	Check
--	--	--	--	--	--

FLD on Farm Implements and Machinery

Name of the implement	Crop	Technology demonstrated	No. of Farmer	Area (ha)	Major parameters	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit etc.)			
						Demo	Check		Land preparation	Sowing	Weeding	Total	Land preparation	Labour	Irrigation	Total
Broad Bed Furrow Planter	Soybean	Demonstration of Broad Bed Furrow Planter	10	4.0	Field capacity ha/day, fuel consumption lit/hour	0.42	0.34	19.04	4	--	11	15	--	3000	--	3000
Mini solar tunnel dryer	Chilli	Demonstration of Mini Solar tunnel dryer	10	--	Time requirement	52	76	31.57	--	--	--	--	--	--	--	--

FLD on Other Enterprise: Kitchen Gardening

Nutrition garden components	Thematic area	Area (sq mt)	No. of Farmer	No. of Units	Yield (Kg)- supply of vegetables, fruits, etc from KG in the year		% change in yield	Household size (number)		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demonstration	Check*		Demo	Check	Gross Cost	Gross Return/Savings*	Net Return	BCR (R/C)	Gross Cost	Gross Return/ Savings*	Net Return	BCR (R/C)
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

***check maybe family adopting different Nutrition garden model/ no adoption of Nutrition garden model**
Savings from produce of Nutrition garden used for home consumption

FLD on Demonstration details on crop hybrids

Crop	technology demonstrated	Hybrid Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)			
					Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average						
Oilseed crop	--	--	--	--	--	--	--	--	--	--	--	--	--
Pulse crop	--	--	--	--	--	--	--	--	--	--	--	--	--
Cereal crop	--	--	--	--	--	--	--	--	--	--	--	--	--
Vegetable crop	--	--	--	--	--	--	--	--	--	--	--	--	--
Fruit crop	--	--	--	--	--	--	--	--	--	--	--	--	--
Other (specify)	--	--	--	--	--	--	--	--	--	--	--	--	--

3.4. Training Programmes **(Online programmes if any should be included under On Campus category)**

Farmers' Training including sponsored training programmes (on campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	1	26	7	33	8	0	8	34	7	41
Resource Conservation Technologies	1	32	7	39	3	0	3	35	7	42
Cropping Systems	1	43	12	55	5	0	5	48	12	60
Crop Diversification	2	31	8	39	15	8	23	46	16	62
Integrated Farming	2	40	8	48	18	5	23	58	13	71
Micro Irrigation/irrigation	3	52	8	60	19	8	27	71	16	87
Seed production	5	156	8	164	22	2	24	178	10	188
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	1	23	5	28	5	0	5	28	5	33
Soil & water conservation	1	28	5	33	5	0	5	33	5	38
Integrated nutrient management	2	43	8	51	14	8	22	57	16	73
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	**19**	**474**	**76**	550	**114**	**31**	145	**588**	**107**	**695**
II Horticulture	--	--	--	--	--	--	--	0	0	0
a) Vegetable Crops	--	--	--	--	--	--	--	0	0	0
Production of low value and high value crops	--	--	--	--	--	--	--	0	0	0
Off-season vegetables	--	--	--	--	--	--	--	0	0	0
Nursery raising	--	--	--	--	--	--	--	0	0	0
Exotic vegetables	--	--	--	--	--	--	--	0	0	0
Export potential vegetables	--	--	--	--	--	--	--	0	0	0
Grading and standardization	--	--	--	--	--	--	--	0	0	0
Protective cultivation	--	--	--	--	--	--	--	0	0	0
Others (pl specify)	--	--	--	--	--	--	--	0	0	0
Total (a)	--	--	--	--	--	--	--	0	0	0
b) Fruits	--	--	--	--	--	--	--	0	0	0
Training and Pruning	--	--	--	--	--	--	--	0	0	0
Layout and Management of Orchards	--	--	--	--	--	--	--	0	0	0
Cultivation of Fruit	--	--	--	--	--	--	--	0	0	0
Management of young plants/orchards	--	--	--	--	--	--	--	0	0	0
Rejuvenation of old orchards	--	--	--	--	--	--	--	0	0	0
Export potential fruits	--	--	--	--	--	--	--	0	0	0
Micro irrigation systems of orchards	--	--	--	--	--	--	--	0	0	0
Plant propagation techniques	--	--	--	--	--	--	--	0	0	0
Others (pl specify)	--	--	--	--	--	--	--	0	0	0
Total (b)	--	--	--	--	--	--	--	0	0	0
c) Ornamental Plants	--	--	--	--	--	--	--	0	0	0
Nursery Management	--	--	--	--	--	--	--	0	0	0
Management of potted plants	--	--	--	--	--	--	--	0	0	0
Export potential of ornamental plants	--	--	--	--	--	--	--	0	0	0
Propagation techniques of Ornamental Plants	--	--	--	--	--	--	--	0	0	0
Others (pl specify)	--	--	--	--	--	--	--	0	0	0
Total (c)	--	--	--	--	--	--	--	0	0	0
d) Plantation crops	--	--	--	--	--	--	--	0	0	0
Production and Management technology	--	--	--	--	--	--	--	0	0	0
Processing and value addition	--	--	--	--	--	--	--	0	0	0

Others (pl specify)	--	--	--	--	--	--	--	0	0	0
Total (d)	--	--	--	--	--	--	--	0	0	0
e) Tuber crops	--	--	--	--	--	--	--	0	0	0
Production and Management technology	--	--	--	--	--	--	--	0	0	0
Processing and value addition	--	--	--	--	--	--	--	0	0	0
Others (pl specify)	--	--	--	--	--	--	--	0	0	0
Total (e)	--	--	--	--	--	--	--	0	0	0
f) Spices	--	--	--	--	--	--	--	0	0	0
Production and Management technology	--	--	--	--	--	--	--	0	0	0
Processing and value addition	--	--	--	--	--	--	--	0	0	0
Others (pl specify)	--	--	--	--	--	--	--	0	0	0
Total (f)	--	--	--	--	--	--	--	0	0	0
g) Medicinal and Aromatic Plants	--	--	--	--	--	--	--	0	0	0
Nursery management	--	--	--	--	--	--	--	0	0	0
Production and management technology	--	--	--	--	--	--	--	0	0	0
Post harvest technology and value addition	--	--	--	--	--	--	--	0	0	0
Others (pl specify)	--	--	--	--	--	--	--	0	0	0
Total (g)	--	--	--	--	--	--	--	0	0	0
Grand Total (a to g)	--	--	--	--	--	--	--	0	0	0
III Soil Health and Fertility Management	--	--	--	--	--	--	--	0	0	0
Soil fertility management	--	--	--	--	--	--	--	0	0	0
Integrated water management	--	--	--	--	--	--	--	0	0	0
Integrated Nutrient Management	--	--	--	--	--	--	--	0	0	0
Production and use of organic inputs	--	--	--	--	--	--	--	0	0	0
Management of Problematic soils	--	--	--	--	--	--	--	0	0	0
Micro nutrient deficiency in crops	--	--	--	--	--	--	--	0	0	0
Nutrient Use Efficiency	--	--	--	--	--	--	--	0	0	0
Balance use of fertilizers	--	--	--	--	--	--	--	0	0	0
Soil and Water Testing	--	--	--	--	--	--	--	0	0	0
Others (pl specify)	--	--	--	--	--	--	--	0	0	0
Total	--	--	--	--	--	--	--	0	0	0
IV Livestock Production and Management								0	0	0
Dairy Management	0	0	0	0	0	0	0	0	0	0
Poultry Management	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0
Feed & fodder technology	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	0	**0**	**0**	0	**0**	**0**	**0**
V Home Science/Women empowerment								0	0	0
Household food security by kitchen gardening and nutrition gardening	--	--	--	--	--	--	--	0	0	0
Design and development of low/minimum cost diet	--	--	--	--	--	--	--	0	0	0
Designing and development for high nutrient efficiency diet	--	--	--	--	--	--	--	0	0	0

Minimization of nutrient loss in processing	--	--	--	--	--	--	--	0	0	0
Processing and cooking	--	--	--	--	--	--	--	0	0	0
Gender mainstreaming through SHGs	--	--	--	--	--	--	--	0	0	0
Storage loss minimization techniques	--	--	--	--	--	--	--	0	0	0
Value addition	--	--	--	--	--	--	--	0	0	0
Women empowerment	--	--	--	--	--	--	--	0	0	0
Location specific drudgery reduction technologies	--	--	--	--	--	--	--	0	0	0
Rural Crafts	--	--	--	--	--	--	--	0	0	0
Women and child care	--	--	--	--	--	--	--	0	0	0
Others (pl specify)	--	--	--	--	--	--	--	0	0	0
Total	--	--	--	--	--	--	--	0	0	0
VI Agril. Engineering								0	0	0
Farm Machinery and its maintenance	1	23	2	25	12	5	17	35	7	42
Installation and maintenance of micro irrigation systems	1	25	5	30	6	2	8	31	7	38
Use of Plastics in farming practices	1	32	2	34	14	6	20	46	8	54
Production of small tools and implements	1	18	7	25	11	3	14	29	10	39
Repair and maintenance of farm machinery and implements	1	36	2	38	15	4	19	51	6	57
Small scale processing and value addition	1	41	5	46	14	2	16	55	7	62
Post Harvest Technology	**0**	**0**	**0**	0	**0**	**0**	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**6**	**175**	**23**	198	**72**	**22**	94	**247**	**45**	**292**
VII Plant Protection								0	0	0
Integrated Pest Management	8	320	35	355	41	9	50	361	44	405
Integrated Disease Management	12	420	23	443	15	9	24	435	32	467
Bio-control of pests and diseases	11	356	12	368	35	6	41	391	18	409
Production of bio control agents and bio pesticides	14	252	84	336	19	5	24	271	89	360
Others (pl specify)	**0**	**0**	**0**	0	**0**	**0**	0	0	0	0
Total	**45**	**1348**	**154**	1502	**110**	**29**	139	**1458**	**183**	**1641**
VIII Fisheries								0	0	0
Integrated fish farming	--	--	--	--	--	--	--	0	0	0
Carp breeding and hatchery management	--	--	--	--	--	--	--	0	0	0
Carp fry and fingerling rearing	--	--	--	--	--	--	--	0	0	0
Composite fish culture	--	--	--	--	--	--	--	0	0	0
Hatchery management and culture of freshwater prawn	--	--	--	--	--	--	--	0	0	0
Breeding and culture of ornamental fishes	--	--	--	--	--	--	--	0	0	0
Portable plastic carp hatchery	--	--	--	--	--	--	--	0	0	0
Pen culture of fish and prawn	--	--	--	--	--	--	--	0	0	0
Shrimp farming	--	--	--	--	--	--	--	0	0	0
Edible oyster farming	--	--	--	--	--	--	--	0	0	0
Pearl culture	--	--	--	--	--	--	--	0	0	0
Fish processing and value addition	--	--	--	--	--	--	--	0	0	0
Others (pl specify)	--	--	--	--	--	--	--	0	0	0
Total	--	--	--	--	--	--	--	0	0	0
IX Production of Inputs at site								0	0	0
Seed Production	--	--	--	0	--	--	0	0	0	0

Planting material production	--	--	--	0	--	--	0	0	0	0
Bio-agents production	1	23	5	28	5	3	8	28	8	36
Bio-pesticides production	1	18	6	24	9	5	14	27	11	38
Bio-fertilizer production	--	--	--	0	--	--	0	0	0	0
Vermi-compost production	1	26	3	29	9	2	11	35	5	40
Organic manures production	--	--	--	0	--	--	0	0	0	0
Production of fry and fingerlings	--	--	--	0	--	--	0	0	0	0
Production of Bee-colonies and wax sheets	--	--	--	0	--	--	0	0	0	0
Small tools and implements	--	--	--	0	--	--	0	0	0	0
Production of livestock feed and fodder	--	--	--	0	--	--	0	0	0	0
Production of Fish feed	--	--	--	0	--	--	0	0	0	0
Mushroom Production	--	--	--	0	--	--	0	0	0	0
Apiculture	--	--	--	0	--	--	0	0	0	0
Others (pl specify)	--	--	--	0	--	--	0	0	0	0
Total	**3**	**67**	**14**	81	**23**	**10**	33	**90**	**24**	**114**
X CapacityBuilding and Group Dynamics								0	0	0
Leadership development	1	16	6	22	12	5	17	28	11	39
Group dynamics	--	--	--	0	--	--	0	0	0	0
Formation and Management of SHGs	1	37	8	45	11	3	14	48	11	59
Mobilization of social capital	8	242	74	316	99	35	134	341	109	450
Entrepreneurial development of farmers/youths	1	34	12	46	5	5	10	39	17	56
WTO and IPR issues	--	--	--	0	--	--	0	0	0	0
Others (pl specify)	3	94	20	114	29	7	36	123	27	150
Total	**14**	**423**	**120**	543	**156**	**55**	211	**579**	**175**	**754**
XI Agro-forestry								0	0	0
Production technologies	--	--	--	--	--	--	--	0	0	0
Nursery management	--	--	--	--	--	--	--	0	0	0
Integrated Farming Systems	--	--	--	--	--	--	--	0	0	0
Others (pl specify)	--	--	--	--	--	--	--	0	0	0
Total	--	--	--	--	--	--	--	0	0	0
GRAND TOTAL	**87**	**2487**	**387**	**2874**	**475**	**147**	**622**	**2962**	**534**	**3496**

Farmers' Training including sponsored training programmes (off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	2	36	8	44	14	8	22	50	16	66
Resource Conservation Technologies	3	65	15	80	15	0	15	80	15	95
Cropping Systems	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0
Micro Irrigation/irrigation	0	0	0	0	0	0	0	0	0	0
Seed production	3	123	8	131	0	0	0	123	8	131
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	3	68	15	83	15	0	15	83	15	98
Soil & water conservation	0	0	0	0	0	0	0	0	0	0
Integrated nutrient management	1	20	5	25	5	0	5	25	5	30
Production of organic inputs	**0**	**0**	**0**	0	**0**	**0**	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**12**	**312**	**51**	363	**49**	**8**	57	**361**	**59**	**420**
II Horticulture				0				0	0	0
a) Vegetable Crops	0	0	0	0	0	0	0	0	0	0
Production of low value and high value crops	0	0	0	0	0	0	0	0	0	0

Off-season vegetables	0	0	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0	0	0
Exotic vegetables	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0
Protective cultivation	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (a)	0	0	0	0	0	0	0	0	0	0
b) Fruits	0	0	0	0	0	0	0	0	0	0
Training and Pruning	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (b)	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants	0	0	0	0	0	0	0	0	0	0
Nursery Management	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (c)	0	0	0	0	0	0	0	0	0	0
d) Plantation crops	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (d)	0	0	0	0	0	0	0	0	0	0
e) Tuber crops	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (e)	0	0	0	0	0	0	0	0	0	0
f) Spices	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (f)	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (g)	0	0	0	0	0	0	0	0	0	0
Grand Total (a to g)	0	0	0	0	0	0	0	0	0	0
III Soil Health and Fertility Management	0	0	0	0	0	0	0	0	0	0
Soil fertility management	0	0	0	0	0	0	0	0	0	0
Integrated water management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient	0	0	0	0	0	0	0	0	0	0

Management										
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0
Balance use of fertilizers	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
IV Livestock Production and Management				0				0	0	0
Dairy Management	0	0	0	0	0	0	0	0	0	0
Poultry Management	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0
Feed & fodder technology	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	0	**0**	**0**	**0**	**0**	**0**	**0**
V Home Science/Women empowerment				0				0	0	0
Household food security by kitchen gardening and nutrition gardening	0	0	0	0	0	0	0	0	0	0
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0
Processing and cooking	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0
Women empowerment	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
VI Agril. Engineering				0				0	0	0
Farm Machinery and its maintenance	1	12	5	17	11	5	15	23	10	33
Installation and maintenance of micro irrigation systems	1	18	5	23	10	3	15	28	8	36
Use of Plastics in farming practices	1	15	5	20	7	5	15	22	10	32
Production of small tools and implements	1	13	3	16	10	5	15	23	8	31
Repair and maintenance of farm machinery and implements	1	32	5	37	10	5	15	42	10	52
Small scale processing and value addition	1	19	1	20	12	5	15	31	6	37

Post Harvest Technology	**0**	**0**	**0**	0	**0**	**0**	**0**	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**6**	**109**	**24**	**133**	**60**	**28**	**90**	**169**	**52**	**221**
VII Plant Protection				0				0	0	0
Integrated Pest Management	6	365	23	388	84	3	20	449	26	475
Integrated Disease Management	3	153	18	171	18	2	20	171	20	191
Bio-control of pests and diseases	9	325	2	327	48	5	20	373	7	380
Production of bio control agents and bio pesticides	11	148	21	169	84	2	20	232	23	255
Others (pl specify)	**0**	**0**	**0**	0	**0**	**0**	**0**	0	0	0
Total	**29**	**991**	**64**	**1055**	**234**	**12**	**80**	**1225**	**76**	**1301**
VIII Fisheries				0				0	0	0
Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
IX Production of Inputs at site	0	0	0	0	0	0	0	0	0	0
Seed Production	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	1	25	7	32	12	1	10	37	8	45
Bio-pesticides production	1	24	9	33	5	3	10	29	12	41
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	2	49	16	65	17	4	20	66	20	86
X Capacity Building and Group Dynamics	0	0	0	0	0	0	0	0	0	0
Leadership development	0	0	0	0	0	0	0	0	0	0
Group dynamics	1	12	9	21	8	6	30	20	15	35
Formation and Management of SHGs	1	37	4	41	0	0	20	37	4	41
Mobilization of social capital	2	73	19	92	14	5	17	87	24	111
Entrepreneurial development of farmers/youths	1	15	22	37	4	2	0	19	24	43
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	1	27	8	35	9	2	0	36	10	46

Total	6	164	62	226	35	15	67	199	77	276
XI Agro-forestry	0	0	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	**55**	**1625**	**217**	**1842**	**395**	**67**	**314**	**2020**	**284**	**2304**

Farmers' Training including sponsored training programmes – CONSOLIDATED (On + Off campus)

Thematic area	**No. of courses**	**Participants**								
		Others			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
I Crop Production										
Weed Management	3	62	15	77	22	8	30	84	23	107
Resource Conservation Technologies	4	97	22	119	18	0	18	115	22	137
Cropping Systems	1	43	12	55	5	0	5	48	12	60
Crop Diversification	2	31	8	39	15	8	23	46	16	62
Integrated Farming	2	40	8	48	18	5	23	58	13	71
Micro Irrigation/irrigation	3	52	8	60	19	8	27	71	16	87
Seed production	8	279	16	295	22	2	24	301	18	319
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	4	91	20	111	20	0	20	111	20	131
Soil & water conservation	1	28	5	33	5	0	5	33	5	38
Integrated nutrient management	3	63	13	76	19	8	27	82	21	103
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	31	786	127	913	163	39	202	949	166	1115
II Horticulture				0				0	0	0
a) Vegetable Crops	0	0	0	0	0	0	0	0	0	0
Production of low value and high value crops	0	0	0	0	0	0	0	0	0	0
Off-season vegetables	0	0	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0	0	0
Exotic vegetables	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0
Protective cultivation	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (a)	0	0	0	0	0	0	0	0	0	0
b) Fruits	0	0	0	0	0	0	0	0	0	0
Training and Pruning	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (b)	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants	0	0	0	0	0	0	0	0	0	0
Nursery Management	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0

Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (c)	0	0	0	0	0	0	0	0	0	0
d) Plantation crops	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (d)	0	0	0	0	0	0	0	0	0	0
e) Tuber crops	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (e)	0	0	0	0	0	0	0	0	0	0
f) Spices	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (f)	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (g)	0	0	0	0	0	0	0	0	0	0
Grand Total (a to g)	0	0	0	0	0	0	0	0	0	0
III Soil Health and Fertility Management	0	0	0	0	0	0	0	0	0	0
Soil fertility management	0	0	0	0	0	0	0	0	0	0
Integrated water management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0
Balance use of fertilizers	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
IV Livestock Production and Management				0				0	0	0
Dairy Management	0	0	0	0	0	0	0	0	0	0
Poultry Management	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0
Feed & fodder technology	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
V Home Science/Women empowerment				0				0	0	0
Household food security by kitchen gardening and	0	0	0	0	0	0	0	0	0	0

nutrition gardening										
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0
Processing and cooking	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0
Women empowerment	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
VI Agril. Engineering				0				0	0	0
Farm Machinery and its maintenance	2	35	7	42	11	5	15	46	12	58
Installation and maintenance of micro irrigation systems	2	43	10	53	16	5	21	59	15	74
Use of Plastics in farming practices	2	47	7	54	21	11	32	68	18	86
Production of small tools and implements	2	31	10	41	21	8	29	52	18	70
Repair and maintenance of farm machinery and implements	2	68	7	75	25	9	34	93	16	109
Small scale processing and value addition	2	60	6	66	26	7	33	86	13	99
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	12	284	47	331	132	50	182	416	97	513
VII Plant Protection				0				0	0	0
Integrated Pest Management	14	685	58	743	125	12	137	810	70	880
Integrated Disease Management	15	573	41	614	33	11	44	606	52	658
Bio-control of pests and diseases	20	681	14	695	83	11	94	764	25	789
Production of bio control agents and bio pesticides	25	400	105	505	103	7	110	503	112	615
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	74	2339	218	2557	344	41	385	2683	259	2942
VIII Fisheries				0				0	0	0
Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing and value	0	0	0	0	0	0	0	0	0	0

addition										
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
IX Production of Inputs at site	0	0	0	0	0	0	0	0	0	0
Seed Production	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	2	48	12	60	17	4	21	65	16	81
Bio-pesticides production	2	42	15	57	14	8	22	56	23	79
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	1	26	3	29	9	2	11	35	5	40
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	5	116	30	146	40	14	54	156	44	200
X Capacity Building and Group Dynamics	0		0	0	0	0	0	0	0	0
Leadership development	1	16	6	22	12	5	17	28	11	39
Group dynamics	1	12	9	21	8	6	14	20	15	35
Formation and Management of SHGs	2	74	12	86	11	3	14	85	15	100
Mobilization of social capital	10	315	93	408	113	40	153	428	133	561
Entrepreneurial development of farmers/youths	2	49	34	83	9	7	16	58	41	99
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	4	121	28	149	38	9	47	159	37	196
Total	20	587	182	769	191	70	261	778	252	1030
XI Agro-forestry	0	0	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	**142**	**4112**	**604**	**4716**	**870**	**214**	**1084**	**4982**	**818**	**5800**

Training for Rural Youths including sponsored training programmes (On campus)

Area of training	No. of Courses	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0
Seed production	3	92	8	100	3	6	9	95	14	109
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Planting material production	2	95	8	103	2	4	6	97	12	109
Vermi-culture	6	183	19	202	8	4	12	191	23	214
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Bee-keeping	5	224	9	233	7	1	8	231	10	241

Sericulture	6	250	72	322	8	3	11	258	75	333
Repair and maintenance of farm machinery and implements	3	128	17	145	8	2	10	136	19	155
Value addition	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0
TOTAL	**25**	**602**	**133**	**735**	**36**	**20**	**56**	**1008**	**153**	**1161**

Training for Rural Youths including sponsored training programmes (Off campus)

Area of training	No. of Courses	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0
Seed production	2	69	18	87	8	1	9	77	19	96
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Vermi-culture	1	38	7	45	1	1	2	39	8	47
Mushroom Production	2	42	18	60	2	1	3	44	19	63
Bee-keeping	1	41	9	50	1	1	2	42	10	52
Sericulture	1	28	3	31	1	1	2	29	4	33
Repair and maintenance of farm machinery and implements	1	38	9	47	1	1	2	39	10	49
Value addition	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0

Cold water fisheries	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0
TOTAL	**8**	**256**	**64**	**320**	**14**	**6**	**20**	**270**	**70**	**340**

Training for Rural Youths including sponsored training programmes – CONSOLIDATED (On + Off campus)

	No. of Courses	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		M	F	Total	M	F	Total	M	F	Total
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0
Seed production	5	161	26	187	11	7	18	172	33	205
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Planting material production	2	95	18	113	2	4	6	97	22	119
Vermi-culture	7	221	26	247	9	5	14	230	31	261
Mushroom Production	2	58	9	67	2	1	3	60	10	70
Bee-keeping	6	265	18	283	8	2	10	273	20	293
Sericulture	7	278	75	353	9	4	13	287	79	366
Repair and maintenance of farm machinery and implements	4	166	26	192	9	3	12	175	29	204
Value addition	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Any other (pl. specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**33**	**858**	**197**	**1055**	**50**	**26**	**76**	**1294**	**224**	**1518**

Training programmes for Extension Personnel including sponsored training (on campus)

Area of training	No. of Courses	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	5	153	8	161	5	1	6	158	9	167

Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	3	160	12	172	6	3	9	166	15	181
Care and maintenance of farm machinery and implements	3	96	8	104	6	1	7	102	9	111
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	4	162	12	174	2	5	7	164	17	181
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	3	168	18	186	4	2	6	172	20	192
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**18**	**739**	**58**	**797**	**23**	**12**	**35**	**762**	**70**	**832**

Training programmes for Extension Personnel including sponsored training (off campus)

Area of training	No. of Courses	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	2	84	12	96	2	4	6	86	16	102
Integrated Nutrient management	3	115	18	133	6	2	8	121	20	141
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**5**	**199**	**30**	**229**	**8**	**6**	**14**	**207**	**36**	**243**

Training programmes for Extension Personnel including sponsored training – CONSOLIDATED (On + Off campus)

Area of training	No. of Courses	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	2	84	12	96	2	4	6	86	16	102
Integrated Nutrient management	8	268	26	294	11	3	14	279	29	308
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	3	160	12	172	6	3	9	166	15	181
Care and maintenance of farm machinery and implements	3	96	8	104	6	1	7	102	9	111
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0

Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	4	162	12	174	2	5	7	164	17	181
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	3	168	18	186	4	2	6	172	20	192
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**23**	**12**	**0**	**12**	**4**	**0**	**4**	**969**	**106**	**1075**

Sponsored training programmes

Area of training	No. of Courses	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management	--	--	--	--	--	--	--	--	--	--
Increasing production and productivity of crops	--	--	--	--	--	--	--	--	--	--
Commercial production of vegetables	--	--	--	--	--	--	--	--	--	--
Production and value addition	--	--	--	--	--	--	--	--	--	--
Fruit Plants	--	--	--	--	--	--	--	--	--	--
Ornamental plants	--	--	--	--	--	--	--	--	--	--
Spices crops	--	--	--	--	--	--	--	--	--	--
Soil health and fertility management	--	--	--	--	--	--	--	--	--	--
Production of Inputs at site	--	--	--	--	--	--	--	--	--	--
Methods of protective cultivation	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Post harvest technology and value addition	--	--	--	--	--	--	--	--	--	--
Processing and value addition	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Farm machinery	--	--	--	--	--	--	--	--	--	--
Farm machinery, tools and implements	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Livestock and fisheries	--	--	--	--	--	--	--	--	--	--
Livestock production and management	--	--	--	--	--	--	--	--	--	--
Animal Nutrition Management	--	--	--	--	--	--	--	--	--	--
Animal Disease Management	--	--	--	--	--	--	--	--	--	--
Fisheries Nutrition	--	--	--	--	--	--	--	--	--	--
Fisheries Management	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Home Science	--	--	--	--	--	--	--	--	--	--
Household nutritional security	--	--	--	--	--	--	--	--	--	--
Economic empowerment of women	--	--	--	--	--	--	--	--	--	--
Drudgery reduction of women	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Agricultural Extension	--	--	--	--	--	--	--	--	--	--
CapacityBuilding and Group Dynamics	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
GRAND TOTAL	--	--	--	--	--	--	--	--	--	--

Details of vocational training programmes carried out by KVKs for rural youth (4 or more days)

Area of training	No. of Courses	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management	--	--	--	--	--	--	--	--	--	--
Commercial floriculture	--	--	--	--	--	--	--	--	--	--
Commercial fruit production	--	--	--	--	--	--	--	--	--	--
Commercial vegetable production	--	--	--	--	--	--	--	--	--	--
Integrated crop management	--	--	--	--	--	--	--	--	--	--
Organic farming	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Post harvest technology and value addition	--	--	--	--	--	--	--	--	--	--
Value addition	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Livestock and fisheries	--	--	--	--	--	--	--	--	--	--
Dairy farming	--	--	--	--	--	--	--	--	--	--
Composite fish culture	--	--	--	--	--	--	--	--	--	--
Sheep and goat rearing	--	--	--	--	--	--	--	--	--	--
Piggery	--	--	--	--	--	--	--	--	--	--
Poultry farming	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Income generation activities	--	--	--	--	--	--	--	--	--	--
Vermicomposting	--	--	--	--	--	--	--	--	--	--
Production of bio-agents, bio-pesticides,	--	--	--	--	--	--	--	--	--	--
bio-fertilizers etc.	--	--	--	--	--	--	--	--	--	--
Repair and maintenance of farm machinery	01	15	0	15	0	0	0	15	0	15
and implements	--	--	--	--	--	--	--	--	--	--
Rural Crafts	--	--	--	--	--	--	--	--	--	--
Seed production	--	--	--	--	--	--	--	--	--	--
Sericulture	--	--	--	--	--	--	--	--	--	--
Mushroom cultivation	--	--	--	--	--	--	--	--	--	--
Nursery, grafting etc.	--	--	--	--	--	--	--	--	--	--
Tailoring, stitching, embroidery, dying etc.	--	--	--	--	--	--	--	--	--	--
Agril. para-workers, para-vet training	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Agricultural Extension	--	--	--	--	--	--	--	--	--	--
Capacity building and group dynamics	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Grand Total	01	15	0	15	0	0	0	15	0	15

3.5. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL

Advisory Services (Other than KMAS)	15	1046	13	1059
Diagnostic visits	21	148	5	153
Field Day	03	113	8	121
Group discussions	1	34	1	35
Kisan Ghosthi	1	11	2	13
Film Show	00	00	00	00
Self -help groups	00	00	00	00
Kisan Mela	1	110	11	121
Exhibition	00	00	00	00
Scientists' visit to farmers field	48	48	8	56
Plant/animal health camps	00	00	00	00
Farm Science Club	00	00	00	00
Ex-trainees Sammelan	00	00	00	00
Farmers' seminar/workshop	00	00	00	00
Method Demonstrations	00	00	00	00
Celebration of important days	17	1002	14	1016
Special day celebration	00	00	00	00
Exposure visits	00	00	00	00
Others (pl.specify)	00	00	00	00
Total	**107**			**2574**

Note- Advisory services includes social media, website, telephonic calls etc.

Details of other extension programmes:

Particulars	Number
Electronic Media (CD./DVD)	00
Extension Literature	10
Newspaper coverage	42
Popular articles	00
Radio Talks	17
TV Talks	03
Animal health camps (Number of animals treated)	00
Social Media (No. of platforms Used)	2320+
Others (pl. specify)	00
Total	

3.6 Online activities during year 2021

S. No.	Activity Type	Mode of implementation	Title of Program	No. of Programmes	No. of Participants/ Views
A	Farmers training	Online (Zoom app)	Water management through micro irrigation	1	15
1		Online (Zoom app)	Integrated pest management of summer Crop: Sorghum, Sesamum, Ground nut	1	39
2		Online (Zoom app)	Leadership development for SHG's	1	39
3		Online (Zoom app)	Water management through micro irrigation	1	19
4		Online (Zoom	Awareness of water	1	29

		app)	conservation technology		
5		Online (Zoom app)	Importance of SHG's For Group Commodity	1	59
		Online (Zoom app)	Ground Water Recharging	1	42
		Online (Zoom app)	Farm Mechanization	1	79
		Online (Zoom app)	In situ soil & Water Conservation	1	76
		Online (Zoom app)	Awareness & Importance of World Honey Day for Entrepreneur Sustainable	1	67
		Online (Zoom app)	Awareness of Jalshakti Abhiyan	1	83
		Online (Zoom app)	Awareness of Jalshakti Abhiyan	1	44
		Online (Zoom app)	Use of BBF Technology & Planer	1	16
		Online (Zoom app	Water management for Kharif Crop	1	15
		Online (Zoom app	Fertigation	1	123
		You tube live	Importance of Honey bee production	1	160
		Online (Zoom app)	Crop Management in current situation	1	39
	Total			**17**	**944**
D	Expert lectures	Online (Zoom app)	Farmers Training programme Pre Sowing management of Major field crop	1	65
1		Online (Zoom app)	Importance of bee keeping	1	52
2		Online (Zoom app)	Importance of Seed Treatment in crop management	1	38
3		Online (Zoom app)	Ground Water Recharging	1	42
		Online (Zoom app)	Farm Mechanization in Agriculture	1	88
		Online (Zoom app)	Audio Conferencing on management of Turmeric Crop	1	68
		Online (Zoom app)	Integrated Crop Management of Major Field Crop	1	56
		Online (Zoom app)	Integrated Crop Management	1	73
		Online (Zoom app)	Farmers Scientist Interaction	1	84
		Online (Zoom app)	Audio Conferencing on management of Scientist interaction	1	59
		Online (Zoom app)	Bee Keeping training programme	1	73
		Online (Zoom app)	In situ moisture conservation	1	56
		Online (Zoom app)	Farmers Training programme in Cotton crop	1	135

		Online (Zoom app)	Use of BBF Planter under Jalshakti Abhiyan	1	53
		Online (Zoom app)	Planning of Kharif Season	1	100
		Online (Zoom app)	International Milk Day	1	100
		Online (Zoom app)	Farmers Training programme in ICM & IPM in Soybean Crop	1	58
		Online (Zoom app)	Fertilizer weed and pest Management in Kharip Crop	1	47
		Online (Google meet)	Bharat Ka Amrut Mahostav Training programme	1	55
		Online (Google meet)	Water use efficiency	1	24
		Youtube live	Agriculture engineering & Enterpunership	1	153
		Online (Google meet)	तीळ पिकाची सुधारित लागवड पद्धती	1	53
	Total			**22**	**1532**
E	Any other (Pl. specify)				
	Grand Total (A+B+C+D+E)			**39**	**2476**

3.7. PRODUCTION OF SEED/PLANTING MATERIAL AND BIO-PRODUCTS

Production of seeds by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals	--	--	--	--	--	--
Oilseeds	Soybean	AMS-100-39	-	10.00 Q	--	--
		AMS-1001	-	2.00 Q	--	--
		AMS-MB-5-18	-	6.50 Q	--	--
Pulses	Udid	AKU-81		12.00 Q	--	--
Commercial crops	--	--	--	--	--	--
Vegetables	--	--	--	--	--	--
Flower crops	--	--	--	--	--	--
Spices	--	--	--	--	--	--
Fodder crop seeds	--	--	--	--	--	--
Fiber crops	--	--	--	--	--	--
Forest Species	--	--	--	--	--	--
Others	--	--	--	--	--	--
Total	--	--	--	**30.5**	--	--

Production of planting materials by the KVK

Crop	Name of the crop	Name of the variety	Name of the hybrid	Number	Value (Rs.)	Number of farmers
Commercial	--	--	--	--	--	--
Vegetable seedlings	--	--	--	--	--	--
Fruits	--	--	--	--	--	--
Ornamental plants	--	--	--	--	--	--
Medicinal and Aromatic	--	--	--	--	--	--
Plantation	--	--	--	--	--	--
Spices	--	--	--	--	--	--
Tuber	--	--	--	--	--	--
Fodder crop saplings	--	--	--	--	--	--
Forest Species	--	--	--	--	--	--
Others	--	--	--	--	--	--
Total	--	--	--	--	--	--

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity Kg/Lit	Value (Rs.)	No. of Farmers
Bio Fertilisers	Azatobactor + PSB	62.5	7500	69
	Rizobium + PSB (Soybean)	263	31560	120
	Rizobium + PSB (Pigeon Pea)	84	10080	95
Bio-pesticide	0	0	0	0
Bio-fungicide	0	0	0	0
Bio Agents	0	0	0	0
Others	0	0	0	0
Total		**409.5**	**49140**	**284**

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Dairy animals	--	--	--	--
Cows	--	--	--	--
Buffaloes	--	--	--	--
Calves	--	--	--	--
Others (Pl. specify)	--	--	--	--
Poultry	--	--	--	--
Broilers	--	--	--	--
Layers	--	--	--	--
Duals (broiler and layer)	--	--	--	--
Japanese Quail	--	--	--	--
Turkey	--	--	--	--
Piggery	--	--	--	--
Piglet	--	--	--	--
Others (Pl.specify)	--	--	--	--
Fisheries	--	--	--	--
Indian carp	--	--	--	--
Exotic carp	--	--	--	--
Others (Pl. specify)	--	--	--	--
Goat	Usamanabadi	01	7476	01
Total				

4. Literature Developed/Published (with full title, author & reference)

A. KVK News Letter ((Date of start, Periodicity, number of copies distributed etc.):

B. Literature developed/published

Item	Title	Authors name	Number
Research papers	--	--	--
Technical reports	--	--	--
News letters	--	--	--
Technical bulletins	--	--	--
Popular articles	--	--	--
Extension literature	--	--	--
Others (Pl. specify)	--	--	--
TOTAL			

C. Details of Electronic Media Produced

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

D. Details of Social Media Platforms Created / Used

S. No.	Type of social media platform	Title of social media	Number of Followers/ Subscribers
1	YouTube Channel	**KVK, Yavatmal**	**126**
2	Facebook page/ Account	**KVK, Yavatmal**	**1423**
3	Mobile Apps	**0**	**0**
4	WhatsApp groups	**12**	**712**
5	Twitter Account	**KVK, Yavatmal**	**17**
6	Any other (Pl. Specify)	**KVK, Yavatmal**	**129215**

D. Success Stories / Case studies, if any (two or three pages write-up on each case with suitable action photographs. The Success Stories / Case Studies need not be restricted to the reporting period).

Template for preparing success stories/case studies

1. **Name of the Farmer:** Shri. Sunil Ghawade
2. **Father's Name :** Shri. Vitthalrao Ghawade
3. **Marital Status:** Married
4. **Date and place of birth :** 24.09.1966 and Place: Bramnhanwada, Tq. Ner
5. **Postal address :** at Post : Bramanhanwada, Tq. Ner Dist. Yavatmal
6. **Mobile:** 9420116929
7. **E-mail :** pckvkytl@yahoo.co.in
8. **Formal/informal education :** Graduate
9. Resources owned by Farmer
   - (i) **Land (ha) :** 2.5 (ha)
   - (ii) **Water bodies with irrigation capacity :** Well
   - (iii) **Animal Resources including Poultry:** Backyard poultry
   - (iv) **Farm Machinery :** Brush cutter and sericulture implements

10. **Area Under**
    - (i) **Field Crops :** Kharif:- Soybean , Pigeon pea Rabi :- Wheat, Chick pea
    - (ii) **Horticultural Crops:-** Gillardia, Rose
    - (iii) **Sericulture :** 1.00 (ha) developed low cost sericulture unit.
    - (iv) **Dairy/Poultry:** 2 buffalo, 25 birds

11. **New Technologies developed.** Developed low cost innovative Bamboo made Silkworm rearing house and low tillage mulberry cultivation practices which is being adopted by neighboring farmers
12. **New Technologies adopted in Farming (List only):**
    i. Bamboo made Silkworm rearing house for 500 DFL at a time (3 to 4 Crops)
    ii. Organic, use of Vermicompost & FYM
    iii. Low tillage mulberry cultivation, spacing- 5X2 ft
    iv. Mulching of natural wastes (Weeds and crop residues)
    v. Timely feeding schedule for silkworm rearing.
    vi. Hygiene and disease free silk work rearing
13. **Technologies modified** :- Modified low cost innovative Bamboo made Silkworm rearing, Developed schedule for mulberry pruning and silk worm feeding and cocoon production, Spraying of cow urine solution for pest and disease management in mulberry.
14. **Activity wise income, cost-benefit ratio, gross and net income year-wise for previous five years**
    (i) Sericulture

Year	Cocoon Production (Kg)	Price per kg (Rs/Kg)	Gross Income	Cost of production	Net Income	Cost-benefit ratio
2016	1200	290	3,48,000	78,000	2,70,000	1:3.46
2017	1180	390	4,60,200	80,500	3,79,700	1:4.71
2018	1210	405	4,90,050	88,000	4,02,050	1:4.56
2019	1260	410	5,16,600	91,000	4,25,600	1:4.67
2020	1275	435	5,54,625	93,000	4,61,625	1:4.96
2021	1285	500	6,42,500	95,500	5,47,000	1:5.72

15. **Productivity Levels achieved in major income generating activity during the last five years**.

	Year wise cocoon weight (g)					
Parameter	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
Cocoon Weight (g)	0.48	0.49	0.56	0.54	0.59	0.65
Cocoon production (Kg)	1200	1180	1210	1260	1275	1285
Price Cocoon Rs/Kg	290	390	405	410	435	500

16. For increasing productivity and profitability, he has developed low cost innovative Bamboo made Silkworm rearing house which facilitates additional crop during summer season.

17. As Shri. Sunil Ghawade is practicing sericulture since from 1990 to till date (30 Years) and working as Master Trainer for sericulture in Yavatmal District and benefiting sericulture farmers. Shri. Gopal Nemade (Manikwada, Ner), Shri. Rameshwar Jadhav, Santosh Jadhav (Takali, Ner), Shri. Gajanan Borule (Antargaon, Ralegaon), Shri. Sunil Anjikar (Dabha, Babhulgaon) and many more sericulture farmers are adopting and following his Mulberry cultivation and silk worm rearing innovative techniques.

18. Innovative interventions inducted in the system of production and management and effects

i. Bamboo made Silkworm rearing house for 500 DFL at a time (3 to 4 Crops)
ii. Organic, use of Vermicompost & FYM
iii. Low tillage mulberry cultivation, spacing- 5X2 ft
iv. Mulching of natural wastes (Weeds and crop residues)
v. Timely feeding schedule for silkworm rearing.
vi. Hygiene and disease free silk work rearing

19. The contribution of the farmers in terms of

i. New package of practices / management strategies

- Bamboo made Silkworm rearing house for 500 DFL at a time (3 to 4 Crops)
- Natural farminjg, use of Vermicompost & FYM
- Spraying of cow urine solution for pest and disease management in mulberry.
- Low tillage mulberry cultivation, spacing- 5X2 ft
- Mulching of natural wastes (Weeds and crop residues)

ii. Saving or resources / inputs

- Bamboo made Silkworm rearing house for 500 DFL at a time (3 to 4 Crops)
- Organic, use of Vermicompost & FYM

iii. Breaking technology transfer barriers

He is working as Master Trainer for sericulture in Yavatmal District (District Sericulture Department and KVK) and benefiting sericulture farmers.

iv. Prevention of outbreak of diseases and pests

Cocoon production

Cocoon production

Cocoon production

Spraying of cow urine solution for pest and disease management in mulberry.

E. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year

F. Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

S. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
--	--	--	--

5.1. Indicate the specific training need analysis tools/methodology followed for

A. Practicing Farmers

- Management of Pink bollworm,
- Awareness about Safe use of pesticides while spraying
- Motivated towards the use & production of Bio pesticides
- Effective pest management of sucking pest, foliage feede
- Improving productivity of cotton, chickpea, soybean, pigeon pea, Jowar, wheat, green gram and black gram.
- Approaching to advance cropping system.
- Crop diversification in cotton based cropping system.
- Approach towards sustainable agriculture.
- Approach towards INM, ICM
- In-situ moisture conservation techniques
- Motivation of the farmers towards the adoption of new improved cultivars

B. Rural Youth

- Improved technique of organic farming & method of preparation organic manure for interpunership development
- Improvement in livelihood of rural women and children through
- Empowerment of rural women through alternate employment / self
- Employment through SHG.
- Awareness of nutritional gardening in rural area.
- Fodder cultivation for self sufficiency in feed & fodder
- Improper feeding management in poultry
- Importance of custom hiring center
- Goat & Poultry business management

C. In-service personnel

- Importance Role of Extension Worker in dissemination of Technology
- Reducing the cost of feed due to enrichment
- Identifying mineral Deficiency
- Precision farming technology
- Green house technology
- Renewable energy source

5.2. Indicate the methodology for identifying OFTs/FLDs

For OFT:

PRA First developed an understanding of the farmers, there faring systems, resources and established rapport with them. Gathered information on cropping system, present level of use of inputs and productivity of major crops, identified the problem and its causes of the area by group

discussion, meeting with opinion leaders, individual contact, visiting villages and farms. A meeting of interested farmers was also organized to spell out the problem. The activities of the KVK were planned and chalked out keeping in view the thrust areas identified. The technological solutions available at hand were compared with the resources available. The solutions for the gaps related to technological, extension and research were identified and were prioritized according to severity and assessed needs of the farmers in question.

ii) Problem identified from Matrix

S.N.	Subject	Matrix ranking problem
1.	**Agronomy**	• Low yield in cotton • Low yield in chickpea • Low yield in soybean • Low yield in Pigeonpea • Low yield in greengram and blackgram • Low yield in wheat • Low yield in Jowar
2	**Plant protection**	• Technology dissemination for cost effective and efficient plant protection. • Introduction of high yielding varieties with appropriate plant protection strategy • Improvement in productivity and quality of Onion, Okra production • Utilization of biocontrol agents in the pest and disease management • Lack of knowledge regarding recommended insecticides with label claim • Poor knowledge of eco-friendly plant protection measures • Safe use of pesticide
3.	**Agriculture Extension**	• Awareness about improved technology • Interpunership development through subsidiary business • Importance of SHG for capacity building • Importance of mobilization through ICT technology
4.	**Animal science**	• Fodder cultivation for self sufficiency in feed & fodder • Upgradation of local breeds • Evaluation of Improved breeds • Identification, preventive control measure for controlling of mastitis. • Reducing the cost of feed due to enrichment • Popularising Newly evolved goatary, poultry & cattle breeds • Identifying mineral Deficiency • Upgradation of knowledge of para veterinary workers. • Development of Para- veterinary workers
	Agril. **Engineering**	• Mechanization of small farmers: popularization of new and small agricultural machinery and implements • Low cost technology for soil and water conservation • Repairs and maintenance of farm implements • Green house technology for control environment crop production • Popularization of renewable energy gadgets. • Drainage management

5.3. Field activities

i.Name of villages identified/adopted with block name	Madani	Kothmba	Shivani
No. of farm families selected per village	271	137	125
No. of survey/PRA conducted	01	01	01
No. of technologies taken to the adopted villages	06	04	03
Name of the technologies found suitable by the farmers of the adopted villages	Cropping production technology, IPM, Farm mechanization, Entrepreneurship development through subsidiary business	ICM technology, IPM technology, Farm mechanization, Entrepreneurship development through subsidiary business	ICM technology, IPM technology, Farm mechanization, Entrepreneurship development through subsidiary business
Impact (production, income, employment, area/technological– horizontal/vertical)	Horizontal	Horizontal	Horizontal
Constraints if any in the continued application of these improved technologies	Improved ICM & IPM technology, Financial management through line department, Application of Fertilizer through soil test based & Specific use of pesticides	Improved ICM & IPM technology, Financial management through line department, Application of Fertilizer through soil test based & Specific use of pesticides	Improved ICM & IPM technology, Financial management through line department, Application of Fertilizer through soil test based & Specific use of pesticides

6. LINKAGES

Sl.No.	Name of organization	Nature of Linkage
1	District Superintending Agricultural Officer, Yavatmal	A member of Scientific Advisory Committee. Organizes sponsored trainings. Participation in trainings as Master Trainers, organizing joint fortnightly visits to farmers fields and extending technical support in plant protection and related agricultural problems Two farm ponds under EGS are sanctioned and dug. Obtained NSK powder from T.A.O., Darwha. Activity evolved in action plan of mealy bug by management under programme coordinator ,KVK, is a & also for organization of Krishi Doot Training.
2	Project Director, Agricultural Technology Management Agency (ATMA), Yavatmal	Member of Scientific Advisory Committee. Held weekly meeting regarding agricultural development in the District Collector office. Undertaken a joint programme on mass media communication for

		dissemination of agricultural technology with the involvement of A.I.R., Yavatmal prepared strategic research and extension plan (SREP) of Yavatmal district for implementation under ATMA.
3	District Sericulture Development Officer, Yavatmal	Member of Scientific Advisory Committee programme jointly organized to motivate farmers for sericulture entrepreneurship and scheme convergence.
4	District Fisheries Development Officer, Yavatmal	Member of Scientific Advisory Committee motiving KVK farmers for scheme convergence.
5	Department of Animal Husbandry, Yavatmal	Member of Scientific Advisory Committee the veterinary sciences are utilized by KVK for animal health camps.
6	Agricultural Development Officer, Zilla Parishad, Yavatmal	Member of Scientific Advisory Committee. Participation in meetings, seminar and conduction of diagnostic team visits. Obtained land use and crop cultivation record of the district.
7	Department of Social Forestry, Yavatmal	Member of Scientific Advisory Committee. Extended technical guidance on the problem of drying of teak wood plantation programme executed.
8	M.A.I.D.C. Ltd., Yavatmal	Provides agro-chemicals for research and demonstration purposes.
9	M.S.S.I.D.C. Ltd., Yavatmal	Member of Scientific Advisory Committee.
10	C.I.C.R., Nagpur	Member of Scientific Advisory Committee. Obtained publications and literature on cotton crop.
11	N.R.C.C., Nagpur	Member of Scientific Advisory Committee. Obtained publications and literature on citrus.
12	All India Radio, Yavatmal	Member of Scientific Advisory Committee. Broadcast the message related to agriculture, radio talks and participation in question and answer / farmers queries programme.
13	Press Information Bureau, Yavatmal	Publicity of popular articles from time to time and occasional interviews of Training Organizer of this KVK centre.
14	NEERI, Nagpur	Defloridation Technology and household unit of water.
15	NHB and NHM	Funding agency for establishment of nursery at KVK, Yavatmal
16	National Medicinal and Aromatic Plant Board	Provide resource persons for different horticultural programmes conducted under NHM.
17	MSSCl, Yavatmal	Act as a supply source of seed material of agronomical and horticultural crops to KVK, Yavatmal for farm demonstrations, OFT and FLDs.
18	ITC Choupal Sagar	Marketing of soybean grains. Extending technical support to ITC cultivators, training and Mela
19	NABARD	Formation KVK- NABARD farmers club and project sanctioning to KVK contacties.
20	ATMA	Funds mobilized for Innovative Extension Education programmes and entrepreneurship development
21	District Dealers Association, Yavatmal	Jointly organization training and Krishi Mela and Technology dissemination through Krishi Sanwadini distribution.
22	District Collectorate and revenue	As a ATMA distict member. Involvement of KVK in ‘kklu vkiY;k nkjh programme.
23	Forest Department, Pandharkawada and Yavatmal Division	Introduction of Lac insects in many a forest range/s through programme of lac cultivation.

24	Joint Forest Management Committee	25 JFMC are under linking with KVK for Lac culture and other entrepreneurship development.
25	World Vision of India	Supporting technical knowledge how for livelihood and area development programme by entrepreneurship development.
26	SRTT	Services providing as a Resource Persons.
27	Chetana Organizaton, Ghatanji	Services providing as a Resource Persons.
28	Vikas Ganga, Ghatanji	Services providing as a Resource Persons.
29	Swaminathan Research Foundation Trust, Chennai (Branch Yavatmal)	Evolvement in Village Knowledge Bench, Promoting through SRTNVA Fellowship to KVK contacties.
30	Vidarbha Rural Reconstruction Trust, Kongara	Technical support and scheme convergence for farmers.
31	District Information Office	Technical dissemination and news publish.
32	Agro-One (Daily News Paper for farmers)	Jointly Krishi Mela organization and technical support in form of resource persons.
33	YASHADA, Pune	Nominated KVK as a District Resource Organization. Jointly organized the training programme under IWMP for farmers.
34	CIAE, Bhopal	Technical support and scheme convergence for farmers.
35	MAVIM, Yavatmal	SHG Training
36	SVNG Medical College, Yavatmal	Medical camp organization
37	PHC, Yavatmal district	Medical camp organization of OFT, FLD's
38	Cottage Hospital, Pandharkawda	Medical camp organization of OFT, FLD's
39	District Health Laboratory, Yavatmal	OFT, FLD's water testing
40	Health Laboratory, Yavatmal	Water Testing
41	MAU Parbhani	Technical FLD, OFT's
42	ANGRAU, Hyderabad	Technical FLD, OFT's
43	District Project Coordination Committee, Yavtmal	Nominated for DPCC
44	RCF, Ltd	Associated as a mass media for technology dissemination through Kisan Melava and source of soil testing.
45	RCOF, Nagpur	Organic farming
46	ShramShakti Pratishthan, Wardha	Jointly organization of training programmes and technical support in form of resource persons.
47	Dist. Dairy Devlop. Officer	Technical support and scheme convergence for farmers.
48	APMC, Pusad	Jointly Krishi Mela organization and technical support in form of resource persons.
49	Veterinary Department	Sparing services in Training and Extension services of one other
50	Zilha Parishad, Agriculture	Invited member in Krishi Samiti of Zilha Parishad, heded by ZP Vice Chairman, working as a Nodal Officer in Agriculture Exhibition.
51	Community Social Responsibility Unit of Reliance Sector.	Providing platform of form cables for University's Technology Dissemination.
52	Reliance Foundation Regional Office, Yavatmal	Associated as a mass media for technology dissemination
53	Gram Sudhar Mandal, Babhulgaon	Jointly organization of training programmes and technical support in form of resource persons.
54	AFPRO Yavatmal	Associated as a mass media for technology dissemination through Kisan Melava and Training
55	ISHA foundation	Sparing services in Training and Extension services of

		one other
56	AFARM Yavatmal	Associated as a mass media for technology dissemination through Kisan Melava and Training.
57	ICICI foundation	Training
58	IFFCO Yavatmal	Training & Demonstration

B. List special programmes undertaken by the KVK and operational now, which have been financed by State Govt./Other Agencies

Name of the scheme	Date/ Month of initiation	Funding agency	Amount (Rs.)
DAESI	**January 2020**	**PD – ATMA**	**7,40,000**
IRM-NFSM	**March 2020**	**State Government**	**10,00,000**

C. Details of linkage with ATMA

a) Is ATMA implemented in your district Yes/No

If yes, role of KVK in preparation of SREP of the district?

Coordination activities between KVK and ATMA

S. No.	Programme	Particulars	No. of programmes attended by KVK staff	No. of programmes Organized by KVK	Other remarks (if any)
01	**Meetings**	**19**	**Dr. S. U. Nemade Dr. P. N. Magar Dr. S. S. Wane, Mr. M. B. Dhole, Mr. V. D. Rathod**	**05**	**0**
02	**Research projects**	**--**	**--**	**--**	**--**
03	**Training programmes**	**21**	**Dr. S. U. Nemade Dr. P. N. Magar Dr. S. S. Wane, Mr. M. B. Dhole,**	**04**	
04	**Demonstrations**	**02**	**Dr. S. U. Nemade Dr. P. N. Magar Dr. S. S. Wane,**	**03**	
05	**Extension Programmes**	**02**		**05**	
	KisanMela	**01**	**Dr. S. U. Nemade Dr. P. N. Magar Dr. S. S. Wane, Mr. M. B. Dhole,**	**05**	
	Technology Week	**--**	**--**	**--**	**--**
	Exposure visit	**--**	**--**	**--**	**--**
	Exhibition	**--**	**--**	**--**	**--**

	Soil health camps	**01**	**Dr. S. U. Nemade Dr. P. N. Magar Dr. S. S. Wane, Mr. M. B. Dhole, Mr. V. D. Rathod**	**05**	**--**
	Animal Health Campaigns	--	--	--	--
	Others (Pl. specify)	--	--	--	--
06	**Publications**				
	Video Films	--	--	--	--
	Books	--	--	--	--
	Extension Literature	--	--	--	--
	Pamphlets	--	--	--	--
	Others (Pl. specify)				
07	**Other Activities** (Pl.specify)	--	--	--	--
	Watershed approach	--	--	--	--
	Integrated Farm Development	--	--	--	--
	Agri-preneurs development	--	--	--	--

D. Give details of programmes implemented under National Horticultural Mission

S. No.	**Programme**	**Nature of linkage**	**Funds received if any Rs.**	**Expenditure during the reporting period in Rs.**	**Constraints if any**
--	--	--	--	--	--

E. Nature of linkage with National Fisheries Development Board

S. No.	**Programme**	**Nature of linkage**	**Funds received if any Rs.**	**Expenditure during the reporting period in Rs.**	**Remarks**
--	--	--	--	--	--

F. Details of linkage with RKVY

S. No.	**Programme**	**Nature of linkage**	**Funds received if any Rs.**	**Expenditure during the reporting period in Rs.**	**Remarks**
--	--	--	--	--	--

G. Details of linkage with PKVY (Paramparagat Krishi Vikas Yojana)

S. No.	**Programme**	**Nature of linkage**	**Funds received if any Rs.**	**Expenditure during the reporting period in Rs.**	**Remarks**
--	--	--	---	--	--

H. Details of linkage with NFSM

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks
1	IRM NFSM	CICR, Nagpur	10.00 lakh	10.00 lakh	

I. Details of linkage with SMAF (Sub-mission on Agroforestry)

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks
--	--	--	---	--	--

7. Convergence with other agencies and departments:

8. Innovative Farmers Meet

Sl.No.	Particulars	Details
	Have you conducted Farm Innovators meet in your district?	Yes/ No
	Brief report in this regard	

9. Farmers Field School (FFS)

S. No	Thematic area	Title of the FFS	Budget proposed in Rs.	Expenditure	Brief report
--	--	--	--	--	--

10.1. Technical Feedback of the farmers about the technologies demonstrated and assessed:

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Chick pea – var. demo High yielding variety
2	Pigeon pea – ICM Good technology required to be demonstrated widely
3	Cost effective management of pink boll worm in cotton
4	Low cost management in soybean of stem fly and girdle beadle
5	Sowing and ridges making using BBF planter save time upto 62% and increases production upto 23.07% as compare to local method.
6	Mini solar tunnel dryer dried red chilli in good condition and retain red color properly

10.2. Technical Feedback from the KVK Scientists (Subject wise) to the research institutions/universities:

S. No	Feed Back
1	Chick pea – var. demo Accepted and demand for next season
2	Pigeon pea – ICM Accepted and demand for next season
3	Reduction in cost of plant protection for the management in pink bollworm in cotton
4	Effective management of stem fly and girdle beadle in soybean with reduction in number of spraying
5	BBF planter is good for sowing the Soybean.
6	Mini solar tunnel dryer is suitable to dry red chilli

11. Technology Week celebration during 2021: No,

Period of observing Technology Week: From to
Online / Offline:
Total number of farmers visited :

Total number of agencies involved :
Number of demonstrations visited by the farmers within KVK campus:

Other Details

Types of Activities	No. of Activities	Number of Farmers	Related crop/livestock technology
Gosthies	0	0	0
Lectures organized	0	0	0
Exhibition	0	0	0
Film show	0	0	0
Fair	0	0	0
Farm Visit	0	0	0
Diagnostic Practical's	0	0	0
Supply of Literature (No.)	0	0	0
Supply of Seed (q)	0	0	0
Supply of Planting materials (No.)	0	0	0
Bio Product supply (Kg)	0	0	0
Bio Fertilizers (q)	0	0	0
Supply of fingerlings	0	0	0
Supply of Livestock specimen (No.)	0	0	0
Total number of farmers visited the technology week	0	0	0

12. Interventions on drought mitigation (if the KVK included in this special programme)

A. Introduction of alternate crops/varieties

State	Crops/cultivars	Area (ha)	Number of beneficiaries
--	--	--	--

B. Major area coverage under alternate crops/varieties

Crops	Area (ha)	Number of beneficiaries
Oilseeds	--	--
Pulses	--	--
Cereals	--	--
Vegetable crops	--	--
Tuber crops	--	--
Total	--	--

C. Farmers-scientists interaction on livestock management

State	Livestock components	Number of interactions	No. of participants
--	--	--	--
Total			

D. Animal health camps organized

State	Number of camps	No.of animals	No. of farmers
--	--	--	--
Total			

E. Seed distribution in drought hit states (Seed distribution/sold by KVK)

State	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
Total	--	--	--	--

F. Large scale adoption of resource conservation technologies

State	Crops/cultivars and gist of resource conservation technologies introduced	Area (ha)	Number of farmers
Total			

G. Awareness campaign

State	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers
	25	1199	1	28	03	139	00	00	00	00	00	00
Total	25	1199	1	28	03							

13. IMPACT

A. Impact of KVK activities (Not to be restricted for reporting period).

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Integrated Crop Management Practices in Pigeon pea (BDN-716) under CFLD programme for year 2020-21	50	52.41	9976	12376
Integrated Crop Management Practices in Chick pea (PDKV Kanchan) Under CFLD programme for year 2020-21	50	38.50	47941	64229

B. Cases of large scale adoption
(Please furnish detailed information for each case)

C. Details of impact analysis of KVK activities carried out during the reporting period

14. Kisan Mobile Advisory Services

Month	No. of SMS sent	No. of farmers to which SMS was sent	No. of feedback / query on SMS sent
Jan 2021	04	15743	
Feb 2021	02	15767	
March 2021	05	15780	
April 2021	03	15701	
May 2021	00	0	
Jun 2021	03	15782	
Jul 2021	04	15788	
Aug 2021	01	15767	
Sept 2021	0	0	M- Kisan portal switch off. s
Oct 2021	0	0	
Nov. 2021	0	0	
Dec. 2021	03	256	

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Awar e-ness	Other enterprise	Total
Yavatmal-I	Text only	12	2	8	1	1	1	25
	Voice only	0	0	0	0	0	0	0
	Voice & Text both	12	2	8	1	1	1	25
	Total Messages	**12**	**2**	**8**	**1**	**1**	**1**	**25**
	Total farmers Benefitted	**65403**	**3269**	**11258**	**5989**	**8963**	**15702**	**110584**

15. PERFORMANCE OF INFRASTRUCTURE IN KVK

A. Performance of demonstration units (other than instructional farm)

Sl. No.	Demo Unit	Year of establishment	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Produce	Qty.	Cost of inputs	Gross income	
1	Azolla production	2010	5 Bed (12x4) feet	Azolla pinnata culture	67 kg	67kg	Rs 80/kg	5360/-	

B. Performance of instructional farm (Crops) including seed production

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Cereals	--	--	--	--	--	--	--	--	--
Pulses (Udid)	18.06.2021	15.09.2021	5.00	AKU-81	B	12.00 Q	--	--	--
Oilseeds Soybean	20.06.2021	04.10.2021	2.00	AMS-100-39	T	10.00 Q	--	--	--
	29.06.2021	28.10.2021	1.00	AMS-1001	T	2.00 Q	--	--	--
	06.07.2021	25.10.2021	1.45	AMS-MB-5-18	T	6.50 Q	--	--	--
Spices & Plantation crops									
Floriculture	--	--	--	--	--	--	--	--	--
Fruits	--	--	--	--	--	--	--	--	--
Vegetables	--	--	--	--	--	--	--	--	--
Others (specify)									
--	--	--	--	--	--	--	--	--	--

C. Performance of production Units (bio-agents / bio pesticides/ bio fertilizers etc.)

Sl. No.	Bio Products	Name of the Product	Qty (kg/lit)	Amount (Rs.)		Remarks
				Cost of inputs	Gross income	
1	Bio-Fertilizers	--	--	--	--	--
2	Bio-Fungicides	--	--	--	--	--
3	Bio-pesticides	--	--	--	--	--
4	Bio-Agents	--	--	--	--	--

D. Performance of instructional farm (livestock and fisheries production)

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1	Goat	1	Usmanabadi	18			

E. Utilization of hostel facilities

Accommodation available (No. of beds):

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
April 2021	16	07	STRY training
May 2021	--	--	--
June 2021	--	--	--
July 2021	--	--	--
August 2021	--	--	--
September 2021	--	--	--
October 2021	--	--	--
November 2021	--	--	--
December 2021	11	03	--
January 2022	57	03	--
February 2022	34	03	--
March 2022	18	03	--

F. Database management

S. No	Database target	Database created
--	--	--

G. Details on Rain Water Harvesting Structure and micro-irrigation system

Amount sanction (Rs.)	Expenditure (Rs.)	Details of infrastructure created / micro irrigation system etc.	Activities conducted					Quantity of water harvested in '000 litres	Area irrigated / utilization pattern
			No. of Training programmes	No. of Demonstrations	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)		
--	--	--	--	--	--	--	--	--	--

H. Performance of Nutritional Garden at KVK farm

If Nutritional Garden developed at KVK farm/Village Level? Yes

If yes,

Nutritional Garden developed at KVK farm

Area under nutritional garden (ha)	Component of Nutritional Garden	No. of species / plants in nutritional garden	No. of farmers visited
	Vegetable crops		
	Fruit crops		
	Others if any		

Nutritional Garden developed at Village Level (Area under nutritional garden)

No. of Villages covered	Component of Nutritional Garden	No. of species / plants in nutritional garden	No. of farmers covered
01	Vegetable crops	06	63
	Fruit crops	00	00
	Others if any	00	00

H. Details of Skill Development Trainings organized

S.No.	Name of KVKs/SAUs/ICAR Institutes	Name of QP/Job role	Duration (hrs)	No. of participants					
				SCs/STs		Others		Total	
				Male	Female	Male	Female	Male	Female
--	--	--	--	--	--	--	--	--	--

17. FINANCIAL PERFORMANCE

A. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Branch code	Account Name	Account Number	MICR Number	IFSC Number
With Host Institute	SBI Dr. PDKV, Akola	Akola	02171	Comptroller, Dr. PDKV, Akola	10428432545	444002048	SBIN0002171
With KVK	SBI Yavatamal	Yavatmal	00506	Programme Coordinator	11150442037	445002967	SBIN 0000506

B. Utilization of KVK funds during the year 2021-22 (Rs. in lakh) (Till Dec, 2021)

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	**Pay & Allowances**	1,60,00,000	1,47,000,00	10280535
2	**Traveling allowances**	1,00,000	1,000,00	3350
3	**Contingencies**	11,00,000	11,00,000	787834
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)			
B	POL, repair of vehicles, tractor and Equipments			
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)			
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)			
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)			
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)			
G	Training of extension functionaries			
H	Maintenance of buildings			
I	Establishment of Soil, Plant & Water Testing Laboratory			
J	Library			
TOTAL (A)		**1,72,00,000**	**1,59,00,000**	**1,10,71,719**
B. Non-Recurring Contingencies				
1	**Works**			
2	**Equipments including SWTL & Furniture**			
3	**Vehicle** (Four wheeler/Two wheeler, please specify)			
4	**Library** (Purchase of assets like books & journals)			
TOTAL (B)				
C. REVOLVING FUND		--	--	64,93,986
GRAND TOTAL (A+B+C)		**1,72,00,000**	**1,59,00,000**	**17,565,705**

C. Status of revolving fund (Rs. in lakh) for the Four years

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year
April 2018 to March 2019	2455626	4.23	2,58,438	17,74,188
April 2019 to March 2020	31,97,494	5.51	9,69,069	1677425
April 2020 to March 2021	4439825	8.46	74729	3519101
April 2021 to December, 2021	6273328	11.57	5034	5111294

17. Details of HRD activities attended by KVK staff during year

Name of the staff	Designation	Title of the training programme	Institute where attended	Mode (Online/Offline)	Dates
Dr. S. U. Nemade & Dr. P. N. Magar	Senior Scientist & Head and Scientist KVK, Yavatmal-I	sericulture extension training	Central Sericultural Research & Training Institute, Central Silk Board, MoT, Sriramapura,Manandavadi Road Mysuru-570 008, Karnataka	Mysuru-Karnataka	
Mr. Mayur Dhole	Scientist KVK, Yavatmal-I	ICAR-IIHR NHF 2021- Stakeholder Mobilization Committee Meeting with ATARI ZONE-8 KVKs	ATARI Pune	Online	
Dr. S. U. Nemade & Dr. P. N. Magar	Senior Scientist & Head and Scientist KVK, Yavatmal-I	Pusa Krishi Vigyan Mela-2021	ATARI Pune	Online	
Dr. S. S. Wane	Scientist KVK, Yavatmal-I	Enhancing the Efficiency of Krishi Vigyan Kendra Staff	Organized by MANAGE, Hyderabad & Udaipur University	Online	

18. Details of progress in Doubling Farmers Income (DFI) villages adopted by KVKs

Name of the village	Total No. of families surveyed	Key interventions implemented	No. of farmers covered in each intervention	Change in income (Rs/unit)	
				Before (base year)	After (current year)
9 talukas	110	FLD, OFT, Trainings, Enterpuneship development through SHG, farm mechanization	110	48,000/ annum	57,000/ annum

19. Details of activities planned under NARI /PKVY / TSP / KKA, etc.

S. No.	Name of the programme	No. of villages adopted	Key activities performed	No. of activities carried out	No. of families covered
--	--	--	--	--	--

20. Details of Progress of ARYA Project

Name of Enterprise	No of Training Conducted	No of Beneficiaries	No of Extension Activities	No of Beneficiaries	No of Unit established	Change in income		No. Of Groups Formed
						Before	After	
--	--	--	--	--	--	--	--	--

21. Details of SAP

S. No.	*Types of major Activity conducted- Swachhta Pakhwada, Cleaning, Awareness Workshop, Microbial based Agricultural Waste Management by Vermicomposting etc.*	No. of Programmes conducted	No. of Participants
--	**Established Microbial based Agricultural Waste Management by Vermicomposting in adopted villages**	8	125

21. Please include any other important and relevant information which has not been reflected above (write in detail).

APR SUMMARY

(Note: While preparing summary, please don't add or delete any row or columns)

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	142	4982	818	5880
Rural youths	33	1294	224	1518
Extension functionaries	23	969	106	1075
Sponsored Training	00	00	00	00
Vocational Training	00	00	00	00
Total	**198**	**7245**	**1148**	**8393**

2. Frontline demonstrations

Crops/Enterprise	No. of Farmers	Area(ha)	Units/Animals
Oilseeds	13	5.2	00
Pulses	100	40	00
Cereals	00	00	00
Vegetables	10	00	00
Other crops	50	20	00
Hybrid crops	00	00	00
Total	173	65.2	00
Livestock & Fisheries	00	00	00
Other enterprises	00	00	00
Total	00	00	00
Grand Total	173	65.2	00

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed	00	00	00
Crops	00	00	00
Livestock	00	00	00
Various enterprises	00	00	00
Total	00	00	00
Technology Refined	00	00	00
Crops	00	00	00
Livestock	00	00	00
Various enterprises	00	00	00
Total	00	00	00
Grand Total	00	00	00

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities online	39	1476
Other extension activities	22	3663
Total	**61**	**5139**

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
Yavatmal-I	Text only	12	2	8	1	1	1	25
	Voice only	0	0	0	0	0	0	0
	Voice & Text both	12	2	8	1	1	1	25
	Total Messages	**12**	**2**	**8**	**1**	**1**	**1**	**25**
	Total farmers Benefitted	**65403**	**3269**	**11258**	**5989**	**8963**	**15702**	**110584**

6. Seed & Planting Material Production

	Quintal/Number/liter	Value (Rs.)
Seed (q)	30.5	--
Planting material (No.)	00	00
Bio-Products (kg)	409.5	49140
Livestock Production (No.)	00	00
Fishery production (No.)	00	00

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value (Rs.)
Soil	1100	153700
Water	00	00
Plant	00	00
Total	1100	153700

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	07
2	Conferences	00
3	Meetings	12
4	Trainings for KVK officials	77
5	Visits of KVK officials	66
6	Book published	00
7	Training Manual	05
8	Book chapters	00
9	Research papers	00
10	Lead papers	00
11	Seminar papers	00
12	Extension folder	11
13	Proceedings	00
14	Award & recognition	01
15	On-going research projects	00