ICAR-ATARI, Pune
DETAILS OF ANNUAL PROGRESS REPORT OF KVKs DURING 2023
(January 2023 to December 2023)

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)
	Office	FAX		
Krishi Vigyan Kendra (Dr. PDKV), Waghapur road, Yavatmal I – 445 001 (MS)	07232-248235		pckvkytl@yahoo.co.in kvkyavatmal@pdkv.ac.in	www.kvkyavatmal.pdkv.ac.in (41890)

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: April 2004

1.5. Staff Position (as on December, 2023)

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	Dr. P. N. Magar	7757081885	Agricultural Entomology	56100-177500	--	26/12/2016	Permanent
3.	Subject Matter Specialist	Mr M. B..Dhole	9921102110	Agricultural Extension	56100-177500	--	22/09/2016	Permanent

4.	Subject Matter Specialist	Dr. G. U. Kaluse	9822247895	AHDS	56100-177500	--	01/10/2016	Permanent
5.	Subject Matter Specialist	Mr. R. T. Chavan	9096362820	Agricultural Engg.	56100-177500	--	04/10/2016	Permanent
6.	Subject Matter Specialist	S. P. Bhagwat	9421271590	Home Science	56100-177500	--	21/02/2008	Permanent
7.	Subject Matter Specialist	Vacant SMS (Horticulture)	Vacant	Vacant	--	--	Vacant	Vacant
8.	Programme Assistant	Mr V.D. Rathod	9970655839	Programme Assit (Lab Tech)	35400-112400	--	05/08/2016	Permanent
9.	Computer Programmer	Mr R.M. Deshmukh	8007679354	Programme Assit (Computer)	35400-112400	--	08/08/2016	Permanent
10.	Farm Manager	Mr K.D. Shirsat	9822760209	(Farm Manager)	35400-112400	--	04/01/2017	Permanent
11.	Accountant/Superintendent	Mr P. N. Ramteke	9881819913	(ASO)	35400-112400	--	10/08/2016	Permanent
12.	Stenographer	Mr L. S. Gaikwad	9765322180	(Stenographer)	255000-81100	--	08/09/2016	Permanent
13.	Driver 1	Shri.V. B. Borse (Driver)	9503529403	(Driver)	21700-69100	--	10/10/2016	Physically Working at Registar office, Dr. PDKV, Akola
14.	Driver 2	Shri. A. R. Kadu	9665962470	(Driver)	21700-69100	--	13/10/2016	Permanent
15.	Supporting staff 1	Ku. Ashwini D. Mahurkar	9579397797	(Skill Helper)	1800-56900	--	04/10/2018	Permanent
16.	Supporting staff 2	Mr. Baratshing Sulane	9637283623	(Skill Helper)	1800-56900	--	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
		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	ICAR	Dec 2010	400	--	Sept.2009	--	Completed
4.	Fencing	--	--	--	--	--	--	Need to Established
5	Rain Water harvesting system	ICICI Foundation	--	--	--	--	--	--
6	Threshing floor	--	--	--	--	--	--	--
7	Farm godown	--	--	--	--	--	--	--
8	Soil and water testing lab	--	--	--	--	--	--	--
9	Mini soil testing Kit	--	--	--	--	--	--	--
10	Sell Contour	--	--	--	--	--	--	--
11	Demo unit	ICAR	June, 2010	72.270	4.00	06.09.09	--	Completed
12	ICT lab	--	--	--	--	--	--	--
13	Solar Panel	--	--	--	--	--	--	--
14	counter seal	--	--	--	--	--	--	--
	Other pl mention	--	--	--	--	--	--	--

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Running	Present status
Bolero SL	2019	8,00,000		Working
HERO HONDA SPL +	2006	50000.00		Not in Working
Tractor	2012	4,50,000		Good Condition

C) Equipment & 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
Drone	2022	998000	working

1.8. Details of SAC meeting conducted in the year:

Date	Name and Designation of Participants	Salient Recommendations	Action taken
--	--	--	--

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)

S. No.	Agro-climatic Zone (Planning Commission)	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.

a) 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 (2023)

S. No	Crop	Area (ha)	Production (000 T)	Productivity (Kg/ha)
	Major Field crops			
1	Cotton	471527	10123.96	365 (lint)
2	Jawar	4136	49.63	1200
3	Soybean	280265	3223.05	1150
4	Pigeon pea	110166	1160.05	1053
5	Black gram	2080	8.30	399
6	Green gram	2258	7.99	354

Source: DSAO office, Yavatmal

2.5. Weather data (2023)

Month	Normal RF(mm)	Normal Rainy days (number)	Temperature (^{0} C)		Relative Humidity (%)	
			Maximum	Minimum	Maximum	Minimum
January	0.0	0.0	30.3	15.0	59.4	42.9
February	0.0	0.0	33.8	14.6	42.3	30.9
March	25.0	2.0	35.1	18.8	46.1	31.7
April	77.2	6.0	37.6	21.7	53.0	37.2
May	127.0	5.0	39.3	24.3	59.0	38.7
June	65.3	6.0	38.3	24.9	60.5	45.3
July	838.8	18.0	30.4	23.7	88.5	78.1
August	105.5	4.0	30.6	22.5	85.5	71.9
September	164.8	12.0	31.6	22.2	90.3	79.9
October	16.0	1.0	34.5	18.6	77.2	61.9
November	50.5	3.0	32.3	16.2	67.1	55.2
December	3.4	0.0	29.6	14.6	71.6	64.4

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

Category	Population (No)	Production	Productivity
Cattle			
Crossbred	*717986*	-	-
Indigenous	-	-	-
Buffalo	*131050*	-	-
Sheep	*20152*	-	-
Goats	*458567*	-	-
Pigs	-	-	-
Crossbred	-	-	-
Indigenous	-	-	-
Rabbits	-	-	-
Poultry	*37,75372*		

Category	Population (No)	Production	Productivity
Hens (*Crossbred)*	-	-	-
Desi	-	-	-
Fish (Reservoir)	-	-	-

2.7. Details of Operational area / Villages

Taluka / Block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
Babhulgaon	Babhulgaon	Cattle , Buffalo goat, Poultry	Lack of knowledge about feeding, care, & housing of livestocks	Up-gradation of local Breeds
	Momhadpur	Cattle , Buffalo goat, Poultry	Lack of knowledge about A.I	Evaluation of local breed
	Falegaon	Cattle , Buffalo goat, Poultry	Lack of knowledge about Vaccination.	Identification of mineral deficiency
Kalamb	Kalamb	Cattle , Buffalo goat, Poultry	Lack of knowledge about feeding, care, & housing of livestocks	Knowledge about newly evaluated cattle, buffalo, poultry breeds
Yavatmal	Rasa	Cattle , Buffalo goat, Poultry	Lack of knowledge about A.I	Up-gradation of local Breeds
	Yavatmal	Cattle , Buffalo goat, Poultry	Lack of knowledge about Vaccination.	Evaluation of local breed
Ralegaon	Ralegaon	Cattle , Buffalo goat, Poultry	Lack of knowledge about feeding, care, & housing of livestocks	Identification of mineral deficiency
Ghatanji	Ghatanji	Cattle , Buffalo goat, Poultry	Lack of knowledge about A.I	Knowledge about newly evaluated cattle, buffalo, poultry breeds
Kelapur	Kelapur	Cattle , Buffalo goat, Poultry	Lack of knowledge about Vaccination.	Up-gradation of local Breeds
Zari-jamni	Zari-jamni	Cattle , Buffalo goat, Poultry	Lack of knowledge about feeding, care, & housing of livestocks	Evaluation of local breed
maregaon	maregaon	Cattle , Buffalo goat, Poultry	Lack of knowledge about A.I	Identification of mineral deficiency
vani	vani	Cattle , Buffalo goat, Poultry	Lack of knowledge about Vaccination.	Up-gradation of local Breeds
	Nandura	Cattle , Buffalo goat, Poultry	Lack of knowledge about feeding, care, & housing of livestocks	Up-gradation of local Breeds

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 including Rabi & Summer Sorghum • 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	• Up gradation of local breeds • Evaluation of Improved breeds • Fodder cultivation for self sufficiency in feed & fodder • Identifying mineral Deficiency • Reducing the cost of feed due to enrichment • Popularising Newly evolved Goatry, poultry & cattle breeds • Development of Para- veterinary workers

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 • Agro processing and value addition • 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 • Marketing Linkages • Farming Community Convergences through Line Department
Home Science	• Improvement in livelihood of rural women and children through education, health and hygiene. • Awareness regarding Drudgery reducing implements in household and farm activities for rural women. • Women and child care: Awareness about care and nutrition of pregnant, lactating women and Diet management among rural woman and child. • To increase nutritional status of women & children. • Awareness of nutritional gardening in rural area for their food security. • Lack of knowledge about efficient method of food grain storage. • Improvement in group activities of rural women. • Awareness regarding various Income generating activities for economic empowerment. • Empowerment of rural women through Entrepreneurship development programme for generating self- employment. • Small Scale processing and value addition in agro commodities i.e. fruit and vegetables, spices & condiments, cereals & pulses, milk etc. • Motivation for the skill oriental activities.

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
10	10	109	109	12	12	344	344

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
195	195	13230	13230	166	166	21151	

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

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
00	00	00	00

3.1. B. Operational areas details during 2023

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.)*
	Soybean	The old variety like. JS-335 was highly susceptible due to diseases and pest attack that adversely affect on the yield and increasing management cost	7 farmers 2.8 ha. Area	Mahamdpur (Babhulgaon)	OFT, Field visit, Training
	Chick Pea	Low productivity of chick pea due to imbalance nutrient management Lack of knowledge about PGR and ICM practices	7 farmers 2.8 ha. Area	Mahamdpur (Babhulgaon)	OFT, Field Visit, Training
	Soybean	Integrated Crop Management Practices (ICM) in Soybean variety: PDKV Amba (AMS-100-39)	25 farmers 10 ha. Area	Mahamdpur (Babhulgaon)	CFLD, Field Visit, Training
	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	Mahamdpur (Babhulgoan) & Mawalni (Kalamb)	CFLD: Plant height, Grain yield & B:C ratio
	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	Gugaldhara, Shivnala, Waghdhara (Maregaon) & Mahamdpur (Babhulgaon) Titavi (Ghatanji)	TSP: Plant height,No. of Pod per plant, Grain yield & B:C ratio
	Sesame	Demonstrate effect of ICM on yield of Sesame and their economics	50 farmers 20 ha. Area	Mawalni (Kalamb) & Mahamadpur (Babhulgaon)	CFLD, Field Visit, Training
	Pigeonpea	Management of Wilt Disease in Pigeonpea	04 farmers 1.6 ha. Area	Mahamdpur (Babhulgaon)	OFT, Field Visits and Training
	Chickpea	Management of Root rot in chickpea	04 farmers 1.6 ha. Area	Mahamdpur (Babhulgaon)	OFT, Training
	Cotton	Pink bollworm infestation in cotton	13 farmers 5.2 ha. Area	Mahamdpur (Babhulgaon)	FLD, Field Visits and Training
	Soybean	Stem fly and girdle beetle infestation in soybean	13 farmers 5.2 ha. Area	Mahamdpur (Babhulgaon)	FLD, Method Demonstration, Field Visits and Training
	Cotton	Pink Bollworm Knot Technology		Mahamdpur & Mawalani	IPM Technology, Training

* Support with problem-cause and interventions diagram

3.2. Technology Assessment (Kharif 2023, Rabi 2022-23, Summer 2023)

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	03	03	--	--	--	--	--	--	--	06
Integrated Disease Management	--	--	02	--	--	--	--	--	--	02
Small Scale Income Generation Enterprises	--	--	--	--	--	--	--	--	--	--
Weed Management	--	--	--	--	--	--	--	--	--	--
Resource Conservation Technology	--	--	--	--	--	--	--	--	--	--

Farm Machineries	--	--	--	--	--	--	--	--	--	--
Integrated Farming System	--	--	--	--	--	--	--	--	--	--
Seed / Plant production	--	--	--	--	--	--	--	--	--	--
Value addition	--	--	--	--	--	--	--	--	--	--
Drudgery Reduction	--	--	--	--	--	--	--	--	--	--
Storage Technique	--	--	--	--	--	--	--	--	--	--
Mushroom cultivation	--	--	--	--	--	--	--	--	--	--
Total	03	03	02	--	--	--	--	--	--	08

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	01	01	-	-	-	02
Disease of Management	01	01	-	-	-	02
Value Addition	01	01	-	-	-	02
Production and Management	01	01	-	-	-	02
Feed and Fodder	01	01	-	-	-	02
Small Scale income generating enterprises	01	01	-	-	-	02
TOTAL	06	06	-	-	-	12

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
Integrated Nutrient Management	-	-	-	-	-
	-	-	-	-	-
Varietal Evaluation	-	-	-	-	-
	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-
	-	-	-	-	-
Integrated Crop Management	Chick pea	Assess the productivity of Chick pea by use of PGR spray.	07	07	2.8
	Soybean	Assess the performance of different Soybean variety suitable for Yavatmal District	07	07	2.8
Integrated Disease Management	Pigeonpea	Management of wilt complex in pigeonpea	4	4	1.6
	Chickpea	Management of root rot in chickpea	7	7	2.8
Small Scale Income Generation Enterprises	-	-	-	-	-
	-	-	-	-	-
Weed Management	-	-	-	-	-
	-	-	-	-	-
Resource Conservation Technology	-	-	-	-	-

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha
	-	-	-	-	-
Farm Machineries	-	-	-	-	-
	-	-	-	-	-
Integrated Farming System	-	-	-	-	-
	-	-	-	-	-
Seed / Plant production	-	-	-	-	-
	-	-	-	-	-
Value addition	-	-	-	-	-
	-	-	-	-	-
Drudgery Reduction	-	-	-	-	-
	-	-	-	-	-
Storage Technique	-	-	-	-	-
	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-
	-	-	-	-	-
Total	04		28	28	11.2

B. 2. Technologies assessed under Livestock & fishery assessment

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Evaluation of breeds	-	-	-	-
Health Management	Cow, Goat	Vaccination and shed management	01	13
Dairy Management	Cow, Buffalo	Balance feeding	02	26
Nutrition management	Cow, Buffalo	Azolla feeding and urea treatment	02	26
Disease management	Cow, Buffalo, goat	Probiotoc feeding	02	26
Feed and fodder management	Cow, Buffalo	DHN-10, Phule Yashwant	02	26
Processing & Value addition	Cow, Buffalo	Value adition of milk products	01	13
Production and management	poultry	Azolla feeding	02	26
Composting fish culture	-	-	-	-
Small scale income generating enterprises	Poultry	Egg value addition	01	13
Fish production	-	-	-	-
Other	-	-	-	-
Total			**13**	**169**

B.3 Technologies assessed under other enterprises

Name of Enterprises	Name of the technology assessed	No. of trials	No. of farmers

Name of Enterprises	Name of the technology assessed	No. of trials	No. of farmers
Mushroom			
Apiary			
Vermicompost			
Tailoring			
Nutrition Garden			
Nursery Management			
Production and Management			
Eentrepreneurship development			
Engegy consrvation			
storage techniques			
House hold food security			
organic farming			
mechanization			
Bee keeping			
Seed production			
post-harvest management			
other			

B 4.Technologies assessed under Women empowerment assessment

Name of Enterprises	Name of the technology assessed	No. of trials	No. of farmers
Drudgery Reduction	--	--	--
Entrepreneurship development	--	--	--
Health and Nutrition	--	--	--
value addition	Assessment of heat treatment in improving the shelf life of pearl millet flour-Bajara	13	13
Kitchen gardening	--	--	--
nutrition security	Assessment of the nutritional & health status of the farm family adopted under Farming system for nutrition approach model	**20**	**20**
other			

C. 1. Agronomy -I
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
Soybean	Rein fed	The old variety like. JS-335 was highly susceptible due to diseases and pest attack that adversely affect on the yield and increasing management cost.	Assess the performance of different Soybean variety suitable for Yavatmal District	07	T1: Farmer Practice (Used JS-335) T2 Suvarna soya (AMS-MB-5-18) T_3: PDKV Amba (AMS-100-39)	Plant Height, No. of Pod Per plant, Seed yield (qha^{-1}), GMR, NMR & B:C ratio	Plant Height, No. of Pod Per plant, Seed yield (qha^{-1}), GMR, NMR & B:C ratio	Variety PDKV Amba recorded significantly superior in yield over variety JS-335 & Suvarna soya. Likewise, produced 21.4 % & 9.65 % more yield respectively	--	--	--

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	B:C Ratio
13	14	15	16	17	18
T1:- Farmer Practice (Used JS-335)	JNKV, Jabalpur (2002),	15.21	Q/ha	28912	1.70
T2 Suvarna soya (AMS-MB-5-18)	MPKV, Rahuri (2016),	17.61	Q/ha	39472	1.95
T_3: PDKV Amba (AMS-100-39)	Dr. PDKV, Akola (2020)	20.39	Q/ha	53178	2.31

C. 2. 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 different Soybean variety suitable for Yavatmal District
2. **Problem Definition :** The old variety like. JS-335 was highly susceptible due to diseases and pest attack that adversely affect on the yield and increasing management cost
3. **Details of technologies selected for assessment** : PDKV Amba (AMS-100-39)
4. **Source of technology :** Dr. PDKV, Akola (2020)
5. **Production system and thematic area :** integrated Crop Management
6. **Performance of the Technology with performance indicators** : Plant Height, No. of Pod Per plant, Seed yield (qha^{-1}), GMR, NMR & B:C ratio
7. **Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques :** Nil
8. **Final recommendation for micro level situation :**
9. **Constraints identified and feedback for research :**
10. **Process of farmers participation and their reaction:**
11. Good Quality Photo in JPG (separate with proper caption)

C. 1. Agronomy -II
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
Chick pea	Irrigated	Low productivity of chick pea due to imbalance nutrient management. Lack of knowledge about PGR and ICM practices..	Assess the productivity of Chick pea by use of PGR spray	07	**T_1:** Farmers practice (No use of PGR) **T_2:** Foliar application of 1% Humic acid at flowering and pod development stage. **T_3:** Two spray of gibberellic acid 90% a.i. @ 15 ppm (8.3 g per ha) at flowering and pod development stage.	Plant Height, No. of Pod per plant, Seed Yield (qha^{-1}), GMR, NMR & B:C ratio	Plant Height, No. of Pod per plant, Seed Yield (qha^{-1}), GMR, NMR & B:C ratio	Two spray of gibberellic acid 90% a.i. @ 15 ppm (8.3 g per ha) at flowering and pod development stage (T_3) recorded 17.89 % & 13.79 % more yield than Farmers practice (T_1) & T_2 respectively. However, farmer practices (T_1) and application of 1% Humic acid (T_2) were statistically equal in effect with each other.	--	--	--

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	B:C Ratio
13	14	15	16	17	18
T_1: Farmers practice (No use of PGR)	--	17.38	Q/ha	53244	2.39
T_2: Foliar application of 1% Humic acid at flowering and pod development stage	--	18.13	Q/ha	51568	2.19
T_3: Two spray of gibberellic acid 90% a.i. @ 15 ppm (8.3 g per ha) at flowering and pod development stage	Dr. PDKV, Akola (2020)	20.63	Q/ha	65868	2.57

C. 2. 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 different Soybean variety suitable for Yavatmal District
2. **Problem Definition :** The old variety like. JS-335 was highly susceptible due to diseases and pest attack that adversely affect on the yield and increasing management cost
3. **Details of technologies selected for assessment** : PDKV Amba (AMS-100-39)
4. **Source of technology :** Dr. PDKV, Akola (2020)
5. **Production system and thematic area :** integrated Crop Management
6. **Performance of the Technology with performance indicators** : Plant Height, No. of Pod Per plant, Seed yield (qha^{-1}), GMR, NMR & B:C ratio
7. **Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques :** Nil
8. **Final recommendation for micro level situation :**
9. **Constraints identified and feedback for research :**
10. **Process of farmers participation and their reaction:**
11. Good Quality Photo in JPG (separate with proper caption)

Results of On Farm Trial : Entomology -I

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
Pigeonpea	Intercropping	Wilt in pigeonpea	Management Of Wilt Disease in Pigeonpea	7	T1-Farmers Practice No seed treatment T2- Seed treatment Carboxin 37.5 % + Thirum 37.5% WS @ 3 gm per Kg seed T3: Seed treatment with Carboxin 37.5% + Thirum 37.5% WS @ 3 gmfb Seed treatment with Trichoderma viride @ 10 gm per Kg seed	Wilt infestation (%) Yield (q/ha) Gross Return (Rs/ha) Net Returns (Rs/ha) B:C Ratio	--	--	--	--	Need new wilt resistant high yielding varieties

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	B:C Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice)	Farmer	12.93	q/ha	53,338	2.67
Technology option 2	Dr.PDKV, Akola 2017	13.54	q/ha	57,164	2.78
Technology option 3	Dr.PDKV, Akola 2017	13.89	q/ha	59,174	2.82

C. 2. 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 : Management Of Wilt Disease in Pigeonpea
2. Problem Definition : Wilt in pigeonpea
3. Details of technologies selected for assessment : T3: Seed treatment with Carboxin 37.5% + Thirum 37.5% WS @ 3 gmfb Seed treatment with Trichoderma viride @ 10 gm per Kg seed
4. Source of technology : Dr.PDKV, Akola 2017
5. Production system and thematic area : IPM
6. Performance of the Technology with performance indicators: Wilt infestation (%) Yield (q/ha) Gross Return (Rs/ha) Net Returns (Rs/ha)
7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques : Need new wilt resistant high yielding varieties
8. Final recommendation for micro level situation
9. Constraints identified and feedback for research
10. Process of farmers participation and their reaction
11. Good Quality Photo in JPG (separate with proper caption)

Results of On Farm Trial : Entomology -II

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
Chickpea	Sole Rabi Crop	Root rot in chickpea	Management of root rot in chickpea	07	T_1: Farmers practice (two sprayings of Carbendazim, 50 WP @ 10 gm or Mancozeb 75% WP@30 gm/ 10 liter water) T_2: Seed Treatment of Tebuconazole 5.4% FS + Trichoderma viridi T_3-Application of 2 kg Trichoderma in 40 kg FYM per acre	Root rot infestation (%) Yield (q/ha) Gross Return (Rs/ha) Net Returns (Rs/ha) B:C Ratio	--	--	--	--	Need new wilt resistant high yielding varieties

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	B:C Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice)	Farmer	16.13	q/ha	48,053	2.26
Technology option 2	Dr. PDKV, Akola	17.89	q/ha	57,143	2.49
Technology option 3	NAU, Gujarat	18.51	q/ha	60,151	2.56

C. 2. 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 : Management of root rot in chickpea
2. Problem Definition : Root rot in chickpea
3. Details of technologies selected for assessment: Application of 2 kg Trichoderma in 40 kg FYM per acre
4. Source of technology : NAU, Gujarat
5. Production system and thematic area : IPM
6. Performance of the Technology with performance indicators : Root rot infestation (%) Yield (q/ha) Gross Return (Rs/ha) Net Returns (Rs/ha) B:C Ratio
7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques
8. Final recommendation for micro level situation
9. Constraints identified and feedback for research
10. Process of farmers participation and their reaction
11. Good Quality Photo in JPG (separate with proper caption)

Results of On Farm Trial : AHDS

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
cow	-	Poor health management	Use of Balancefeeding ration in cow	13	Supplimention of 4% azolla in diet	T1- use of balance feed in ration T2- T1+ 4% azolla	31.91%	Increase inweight gain 57.54% Increase in fat %21.73% Increase in daily milk 31.91%	Good technology with feed cost reduction	_	_

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	B:C Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice)	T1- use of balance feed in ration	9.30	--	--	--
Technology option 2	T2- T1+ 4% azolla	31.91	--	--	--
Technology option 3			--	--	--

C. 2. 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 : Use of Balancefeeding ration in cow
2. Problem Definition : Poor health management
3. Details of technologies selected for assessment : Supplimention of 4% azolla in diet
4. Source of technology :PDKV Akola 2010
5. Production system and thematic area : Nutrition Management
6. Performance of the Technology with performance indicators
7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques
8. Final recommendation for micro level situation
9. Constraints identified and feedback for research
10. Process of farmers participation and their reaction
11. Good Quality Photo in JPG (separate with proper caption)

C. 1. Results of Technologies Assessed

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
Soybean	Rainfed	Time consuming work and Unavailability of farm labour	Assessment of Manual Precision Seed Planter (Rotary Dibbler)	13	Manual Precision Seed Planter (Rotary Dibbler)	1) Field Capacity Ha/day 2) Cost of Operation		By using Manual Precision Seed Planter (Rotary Dibbler) found 70 % saving in operating cost and 46 % Field Capacity observed in assed technology.	1) Time saving technology 2) seed germination improves 3) increase in 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	B:C Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice)					
Technology option 2 Manual Precision Seed Planter (Rotary Dibbler)	C.I.A.E. BOPAL				

C. 2. 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 Manual Precision Seed Planter (Rotary Dibbler)**
2. Problem Definition: - **Time consuming work and Unavailability of farm labour**
3. Details of technologies selected for assessment: - **Manual Precision Seed Planter (Rotary Dibbler)**
4. Source of technology: - **C.I.A.E. BOPAL**
5. Production system and thematic area: - **Farm Mechanization**
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 **By using Manual Precision Seed Planter (Rotary Dibbler) found 70 % saving in operating cost and 46 % Field Capacity observed in assed technology.**
8. Final recommendation for micro level situation:-
9. Constraints identified and feedback for research: - **The implement can be used only after the land Preparation**
10. Process of farmers participation and their reaction: - **The implement was demonstrated at farmers field and given for operation in their field**
11. Good Quality Photo in JPG (separate with proper caption)


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Results of On Farm Trial

Results of On Farm Trial : Home Science

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
Nutrition security	Mono cropping system	Malnutrition of various nutrients	Assessment of the nutritional & health status of the farm family adopted under Farming system for nutrition approach model	20	Farming system for nutrition approach model	▪ Production of crops ▪ Consumption pattern ▪ Health & Nutritional status (Hb, Blood sugar, Height, Weight) • **Economics** (Expenditure or saving on purchasing of various foods groups (vegetable, eggs, millets, legumes oilseed purchasing Saving on medicine & doctors fees	Increase nutritional status of family member Hb level by 26.77 % & Decrease in Blood Sugar (Adult) 36.36 % in T2 • More & fresh consumption of organic vegetable i.e. 68.75 % in daily diet in demo, Reduction in expenditure by 78.13 % in on purchasing of purchasing of various foods groups & medicine ●	Treatment T2 was found superior than T1	Availability of fresh vegetables, millets, eggs improves health status of the family member.	Nil	Nil

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, uts/palm/year)
13	14	15	16
Technology option 1 Mono cropping system)	Farmer's practice	Soybean	800 kg/ acre
Technology option 2 Farming system for nutrition approach model	MSSRF, Chennai	Sorghum Pearl Millet Finger Millet Fox tail Millet Codo Millet Rajgira (Amaranthus) Red gram Green Gram Black Gram Soybean Vegetable 4 R: (Green Leafy vegetables, cucurbits and other vegetable) Fruits Eggs 8 No. of birds milk (Cow) 1No	12 kg/ 1 R 12 kg/ 1 R 08 kg/ 1 R 06 kg/ 2 R 1.5 kg/ 1 R 03 kg/ 1 R 30 kg/3R 20kg/ 2 R 20kg/2 R 180 kg/9 R 300 kg/3 R 300 kg/bund 900 eggs/ year 200 lit/year

Contd..

<table>
<tr><th>Technology Assessed</th><th>Source of Technology</th><th>Consumption pattern Consumption of vegetable (g)/ day /family</th><th>% Increase In consumption of vegetable (g)/ day /family</th><th>Health & Nutritional status (Hb, Blood glucose, Weight)</th><th>% Change in Health & Nutritional status</th><th>Economics (expenditure on purchasing of various foods groups i.e. millet, legumes , milk Vegetable , eggs , fruits etc</th><th>% Reduction in expenditure on purchasing of various foods groups</th></tr>
<tr><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr>
<tr><td>Technology option 1
Mono cropping system</td><td>Farmer’s practice</td><td>750 gm / day</td><td rowspan="2">68.75%</td><td><table><tr><td>Hb</td><td>9.3 gm</td></tr><tr><td>Random Blood Sugar (Adult)</td><td>110-220
Average 165</td></tr><tr><td>Average Weight of women (15-49 years)</td><td>35- 45 kg</td></tr></table></td><td rowspan="2">Increase in Hb 26.77 % in T2

Decrease in Blood Sugar (Adult) 36.36 % in T2

Change in Weight of women (15-49 years) Nil</td><td>6000-10000
i.e average 8000</td><td rowspan="2">78.13 %</td></tr>
<tr><td>Technology option 2
Farming system for nutrition approach model</td><td>MSSRF, Chennai</td><td>2400 gm / day</td><td><table><tr><td>Hb</td><td>12.7 gm</td></tr><tr><td>Random Blood Sugar (Adult)</td><td>80-.130
Average 105</td></tr><tr><td>Average Weight of women (15-49 years)</td><td>35- 45 kg</td></tr></table></td><td>1500-2000
i.e average 1750</td></tr>
</table>

C. 2. 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 the nutritional & health status of the farm family adopted under Farming system for nutrition approach model
2	Problem Definition	:	**Malnutrition of various nutrients**
3	Details of technologies selected for assessment	:	**Farming system for nutrition approach model in 1 acre of farm**
4	Source of technology	:	**MSSRF, Chennai**
5	Production system and thematic area	:	**Nutrition Security for family nutrition**
6	Performance of the Technology with performance indicators	:	• Create awareness regarding family nutrition and FSN among villagers • Reducing the risk of harmful chemicals as the production of millets, legumes oilseed and vegetables were done by organic method. • 68.75 % More & fresh consumption of organic vegetable rich in micronutrients such as minerals & vitamins in daily diet in demo • Reduction in expenditure by 78.13 % on purchasing of various foods groups • Increase nutritional status of family member & saving on medicine • Natural stress reliever as gardening is a physical & mental exercise • Nutritional & health security at household level • Adoption is essential for nutritional & income security
7	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	:	**Availability of fresh vegetables, nutri cereals, eggs improves health status of the family member.**
8	Final recommendation for micro level situation	:	Treatment T2 was found superior than T1
9	Constraints identified and feedback for research	:	Nil
10	Process of farmers participation and their reaction	:	It was observed that due to the differences in cultivation and management practices of different crops the farmers were found it difficult. Also due to the marginal land holding of most of the farmers were preferred mono cropping system

Results of On Farm Trial : 02 Home Science

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
Value addition	-	Pearl Millet flour turns bitter & rancid during storage	Assessment of heat treatment in improving the shelf life of pearl millet flour (Bajara)	13	T1 Traditional method of pearl millet flour T2.Dry heat treatment before milling, oven heating 100^{0}C for 2 hrs, CCSHAU, Hissar T3:.Blanching of seeds before milling, at 98^0 C for 2 min MPKV, Rahuri	1. Shelf life of flour (days) 2.Organoleptic Evaluation: Taste, aroma and color	shelf life T1 : shelf life of pearl millet flour(Bajara) was good for 8 to 10 days T2 : shelf life of pearl millet flour(Bajara) was good for 35-40 days in T2 T3: shelf life of pearl millet flour(Bajara) was good for 30-35 days in T3 Organoleptic Evaluation T1 : Taste, aroma and colour Of the flour was deteriorate after 10 days. It becomes bitter in taste due to the rancidity in pearl millet. T2 : Taste, aroma and colour of the flour was was good for 35 days days in T2 T3: Taste, aroma and colour of the flour was good for 30 - 35 days in T3	shelf life of pearl millet flour(Bajara) was good for 35-40 days in T2 & T3 as compared to 8 to 10 days in T1 It was observed that dry heat treatments to bajara seeds before milling improves the shelf life of flour up to 30-35 days in T3 & 35-40 days in T2	Blanching treatment is easy to apply at household level as compared to dry heat treatment in oven	Nil	Nil

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Technology options	Data on Parameter 1 shelf life of pearl millet flour	Data on Parameter 2 taste, colour and aroma of the flour
Farmers Practice (T1) Traditional method of pearl millet flour making i.e. raw grain milling	8 to 10 days	Flour turns bitter & rancidity occur after 7 – 8 days
Assessed Practice (T2) Dry heat treatment to pearl millet grains before milling	improves the shelf life of flour up to 35-40 days	Improvement in taste, aroma & color than T1. Also, the flour does not become bitter and does not smell for 35 – 40 days
Assessed Practice (T3) Blanching of pearl millet grains before milling	increase the shelf life of pearl mille/ bajra flour for 31-40 days	Improvement in taste, aroma & color than T1. Also, the flour does not become bitter and does not smell. For 31 – 40 days

1	Title of Technology Assessed	:	Assessment of heat treatment in improving the shelf life of pearl millet flour.
2	Problem Definition	:	**Pearl millet flour turns bitter & rancid during storage**
3	Details of technologies selected for assessment	:	T1 Traditional method of pearl millet flour making T2.Dry heat treatment to pearl millet grains before milling, CCSHAU, Hissar T3:.Blanching of pearl millet grains before milling, MPKV, Rahuri
4	**Source of technology**	:	T1: Farmers Practice T2: CCSHAU, Hissar **T3: MPKV, Rahuri**
5	thematic area	:	**Processing & cooking**
6	Performance of the Technology with performance indicators	:	Treatment T2 and T3 was found superior over T1 to increase the shelf life of pearl mille/ bajra flour for 31-40 days and the taste, colour and aroma of the flour was also improved as compared to 8 to 10 days in T1 It was observed that in T2 i.e. dry heat treatments to pearl millet grains before milling improves the shelf life of flour up to 35-40 days. Also there was improvement in taste, aroma & colour than T1. And in T3 i.e. Blanching treatment of pearl millet grains before milling to flour significantly improves the shelf life of flour up to 31-35 days . improvement in taste, aroma & colour than T1.
7	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	:	During the technology assessment study it was observed that parameters i.e. improvement in taste, aroma and colour of flour result in increased shelf life of flour by 30-35 days by blanching treatment & 35-40 days in dry heat treatment respectively.
8	Final recommendation for micro level situation	:	Treatment T2 and T3 were found superior than T1. For encouraging the consumption of nutri millets i.e. bajra flour at domestic as well as commercial level, it is necessary to give heat processing methods before milling of pearl millet grains.
9	Constraints identified and feedback for research	:	Blanching treatment is easy to applicable at household level as compared to dry heat treatment due to the non availability of oven at rural household. Dry heat treatment needs oven/electric dryer for heating grains which is suitable for commercial level.
10	**Process of farmers participation and their reaction**	:	**Farm women participated through trainings, group discussions, visits, etc. Though the result of dry treatment i.e. T2 was superior than T1 but it is not possible for the farmer rural women due to the non availability of oven.**

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 2023 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		
1	Soybean	Integrated Crop Management	Use PDKV Amba (AMS-100-39) Variety + seed treatment (Thiamethoxam 30 % FS & Bio fertilizer) + Soil Tested Based Fertilizer Application (30:60:30 NPK kg/ha) + IPM	--	01	25	10
2	Pigeon Pea	Integrated Crop Management	Use BDN-716 Variety + Bio fertilizer + Soil Tested Based Fertilizer Application (25:50:30 NPK kg/ha) + IPM	---	04	50	20
3	Chick Pea	Integrated Crop Management	Use PDKV Kanak (AKG-1109) Variety + Bio fertilizer + Soil Tested Based Fertilizer Application (25:50:30 NPK kg/ha) + IPM)	--	02	50	20
4	Sesame	Integrated Crop Management	Integrated Crop Management Practices in Sesame (ICM) variety: PKV NT-11	--	02	50	20
5	Soybean	Pest management	Management of stem fly and girdle beetle in soybean	Seed treatment and need based IPM practices	1	13	5.2
6	Cotton	Pest Management	Management of Pink bollworm in cotton	Release of Trichogramatoidea bactrae @ 1 lakh eggs/ ha (5 to 6 times) at an interval of 7 days	1	13	5.2

B. Details of FLDs implemented during 2023 **(Kharif 2023, Rabi 2022-23, Summer 2023)** (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	Soybean	Integrated Crop Management	Use YELLOW GOLD (AMS-1001) Variety + seed treatment (Thiamethoxam 30 % FS & Bio fertilizer) + Soil Tested Based Fertilizer Application (30:60:30 NPK kg/ha) + IPM	Kharif 2023	10	10			25	
2	Pigeon Pea	Integrated Crop Management	Use BDN-716 Variety + Bio fertilizer + Soil Tested Based Fertilizer Application (25:50:30 NPK kg/ha) + IPM	Kharif 2023	20	20			50	
3	Chick Pea	Integrated Crop Management	Use PDKV Kanchan (AKG-1109) Variety + Bio fertilizer + Soil Tested Based Fertilizer Application (25:50:30 NPK kg/ha) + IPM)	Rabi 2022-23	20	20			50	
4	Sesame	Integrated Crop Management	Integrated Crop Management Practices in Sesame (ICM) variety: PKV NT-11	Summer 2023	20	20			50	
5	**Soybean**	Pest management	Management of stem fly and girdle beetle in soybean	**Kharif, 2023**	**5.2**	**5.2**	**2**	**11**	**13**	
6	Cotton	Pest Management	Management of Pink bollworm in cotton	**Kharif, 2023**	5.2	5.2	1	12	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					
Cotton	Kharif	Irrigated	Black cotton soil	0	0	0	Cotton	08.06.2023	07.01.2024	0	53
Soybean	Kharif	Rainfed	Medium soil	0	0	0	Soybean	18.06.2023	10.10.2023	0	53

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	Pest and disease resistant soybean varieties
4	PBW and boll rot resistant varieties of Bt cotton

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	Low cost management of pests in soybean
4	Low cost management of pink bollworm in cotton by using biocontrol agents

Extension and Training activities under FLD

Sl. No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	5	08.09.2023 14.09.2023	228	
2	Farmers Training	2	18.08.2023	21	
3	Media coverage	21	--	--	--
4	Training for extension functionaries	2	19.07.2023	40	

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	ICM	Integrated Crop Management Practices in Sesame (ICM) variety: PKV NT-11	PKV NT-11	50	10	938	680	787	742	6.06	23583	61622	38039	2.61	25275	58099	32824	2.30
Mustard																		
Safflower																		
Linseed																		
Sunflower																		
Soybean	ICM	Use PDKV Amba (AMS-100-39) Variety + seed treatment (Thiamethoxam 30 % FS & Bio fertilizer) + Soil Tested Based Fertilizer Application (30:60:30 NPK kg/ha) + IPM	PDKV Amba (AMS-100-39)	25	10	23.8	18.23	16.25	15.08	7.76	39788	74750	34962	1.88	42110	69368	27258	1.65
	Integrated Pest Management	Management of stem fly and girdle beetle in soybean	JS335	13	5.2	18.2	15.50	16.40	14.34	14.22	40700	75440	34740	1.85	42210	65964	23754	1.56
Castor																		

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										
Pigeonpea	ICM	Use BDN-716 Variety + Bio fertilizer + Soil Tested Based Fertilizer Application (25:50:30 NPK kg/ha) + IPM	BDN-716	50	20	22.63	16.25	18.1	14.25	27.02	32905	119460	86555	3.63	36688	94050	57362	2.56
Blackgram	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Greengram	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chickpea	ICM	Use PDKV Kanchan (AKG-1109) Variety + Bio fertilizer + Soil Tested Based Fertilizer Application (25:50:30 NPK kg/ha) + IPM)	PDKV Kanchan (AKG-1109)	50	20	22.45	15.84	18.75	15.38	21.91	38718	98063	59345	2.53	38183	80437	42254	2.11
Fieldpea	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lentil	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Horsegram	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cowpea	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Commercial Crops	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sugarcane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Potato	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cotton	IPM	Management of pink bollworm in cotton	13	5.2	19.5	16.8	18.27	16.81	8.69	7.88	17.7	59000	120947	61947	2.04	61700	111282	49582	1.80
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mandua	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barley	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Maize	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Commercial Crops	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sugarcane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Potato	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cotton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mandua	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barley	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Maize	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

* 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 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	Nutrition management	Supplementation of mineral lick blocks to local Cows	13	13	--	--	--	--	--	--	--	--	--	--	--	--	--
Buffalo	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Buffalo Calf	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dairy	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Poultry	Nutrition management	Popularization of improved breed for backyard poultry	13	13	**1.43**	1.14	28.89	124	54	2400	3200	800	1.33	1700	3420	1720	2.011
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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
Storage Technique	Save grain bag	13	No. of insect per week	0	38
			Grain damage percentage	0	55.76

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
BBF Planter	Soybean	Use of BBF Planter for Sowing of soybean	15	06	Yield	15.53	13.39	15.98	--	--	--	--	---	--	--	--
Drone	All	Drone for spraying	15	06	Time	0.30	5.00	--	--	--	--	--	---	--	--	--

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)				Nutritional status Hb gm		% change
					Demonstration	Check*		Demo	Check	Gross Cost	Gross Return/ Savings*	Net Return	BCR (R/C)	Gross Cost	Gross Return/ Savings*	Net Return	BCR (R/C)	Demo	Check	
Vegetable seed	Household family Nutrition Security by nutrition gardening	1-2 R	15	15	210	22	89.52	6 - 8	6 - 8	1600	6450	4850	4.03	250	550	300	2.2	12.0	9.0	25

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	3	105	25	130	1	0	1	106	25	131
Resource Conservation Technologies	1	54	17	71	1	0	1	55	17	72
Cropping Systems	1	56	14	70	1	0	1	57	14	71
Crop Diversification	2	75	14	89	1	0	1	76	14	90
Integrated Farming	0	0	0	0	1	0	1	1	0	1
Micro Irrigation/irrigation	1	48	14	62	1	0	1	49	14	63
Seed production	3	142	19	161	1	0	1	143	19	162
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	1	65	2	67	1	0	1	66	2	68
Soil & water conservation	1	74	6	80	1	0	1	75	6	81
Integrated nutrient management	1	74	14	88	1	0	1	75	14	89
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	**14**	**693**	**125**	818	**10**	**0**	10	**703**	**125**	**828**
II Horticulture										
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										
Dairy Management	2	32	4	36	7	3	10	39	7	46
Poultry Management	5	133	23	156	26	18	44	159	41	200
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	1	40	4	44	8	3	11	48	7	55
Disease Management	1	22	7	29	4	3	7	26	10	36
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	**9**	**227**	**38**	265	**45**	**27**	72	**272**	**65**	**337**
V Home Science/Women empowerment								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	4	100	71	175	2	35	37	102	106	208
Designing and development for high nutrient efficiency diet	4	55	55	114	18	15	33	73	70	143
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	8	155	126	289	20	50	70	175	176	351
VI Agril. Engineering								0	0	0
Farm Machinery and its maintenance	1	20	6	26	5	0	5	25	6	31
Installation and maintenance of micro irrigation systems	1	24	0	24	20	2	22	44	2	46
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	1	23	6	29	5	0	5	28	6	34
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**3**	**67**	**12**	79	**30**	**2**	32	**97**	**14**	**111**
VII Plant Protection								0	0	0
Integrated Pest Management	17	514	175	689	95	15	110	609	190	799
Integrated Disease Management	2	75	20	95	30	9	39	105	29	134
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	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**	**589**	**195**	784	**125**	**24**	149	**714**	**219**	**933**
VIII Fisheries								0	0	0
Integrated fish farming	0	0	0	--	0	0	--	0	0	0
Carp breeding and hatchery management	0	0	0	--	0	0	--	0	0	0
Carp fry and fingerling rearing	0	0	0	--	0	0	--	0	0	0
Composite fish culture	0	0	0	--	0	0	--	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	--	0	0	--	0	0	0

Breeding and culture of ornamental fishes	0	0	0	--	0	0	--	0	0	0
Portable plastic carp hatchery	0	0	0	--	0	0	--	0	0	0
Pen culture of fish and prawn	0	0	0	--	0	0	--	0	0	0
Shrimp farming	0	0	0	--	0	0	--	0	0	0
Edible oyster farming	0	0	0	--	0	0	--	0	0	0
Pearl culture	0	0	0	--	0	0	--	0	0	0
Fish processing and value addition	0	0	0	--	0	0	--	0	0	0
Others (pl specify)	0	0	0	--	0	0	--	0	0	0
Total	--	--	--	--	--	--	--	0	0	0
IX Production of Inputs at site								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	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
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	**0**	**0**	**0**	0	**0**	**0**	0	**0**	**0**	**0**
X CapacityBuilding and Group Dynamics								0	0	0
Leadership development	0	0	0	0	0	0	0	0	0	0
Group dynamics	1	15	9	24	14	5	19	29	14	43
Formation and Management of SHGs	1	11	7	18	6	4	10	17	11	28
Mobilization of social capital	1	27	12	39	10	11	21	37	23	60
Entrepreneurial development of farmers/youths	2	27	17	44	10	7	17	37	24	61
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	2	66	23	89	18	11	29	84	34	118
Total	**7**	**146**	**68**	214	**58**	**38**	96	**204**	**106**	**310**
XI Agro-forestry								0	0	0
Production technologies	0	0	0	--	0	0	--	0	0	0
Nursery management	0	0	0	--	0	0	--	0	0	0
Integrated Farming Systems	0	0	0	--	0	0	--	0	0	0
Others (pl specify)	0	0	0	--	0	0	--	0	0	0
Total	--	--	--	--	--	--	--	0	0	0
GRAND TOTAL	**52**	**1722**	**438**	**2160**	**268**	**91**	**359**	**1990**	**529**	**2519**

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	12	564	142	706	14	8	22	578	150	728
Resource Conservation Technologies	6	421	86	507	15	0	15	436	86	522
Cropping Systems	6	468	110	578	0	0	0	468	110	578
Crop Diversification	4	394	54	448	0	0	0	394	54	448
Integrated Farming	5	511	85	596	0	0	0	511	85	596
Micro Irrigation/irrigation	0	0	0	0	0	0	0	0	0	0
Seed production	11	687	102	789	0	0	0	687	102	789
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	9	782	98	880	15	0	15	797	98	895
Soil & water conservation	0	0	0	0	0	0	0	0	0	0
Integrated nutrient management	4	352	19	371	5	0	5	357	19	376
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	**57**	**4179**	**696**	4875	**49**	**8**	57	**4228**	**704**	**4932**
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	2	80	0	80	22	0	22	102	0	102
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	**2**	**80**	**0**	80	**22**	**0**	**22**	**102**	**0**	**102**
V Home Science/Women empowerment				0				0	0	0
Household food security by kitchen gardening	4	39	54	93	25	8	0	64	62	126

and nutrition gardening										
Design and development of low/minimum cost diet	3	95	107	202	15	11	0	110	118	228
Designing and development for high nutrient efficiency diet	4	2	89	91	0	12	0	2	101	103
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	2	5	30	35	3	9	0	8	39	47
Value addition	1	0	17	17	0	5	0	0	22	22
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	14	141	297	438	43	45	0	184	342	526
VI Agril. Engineering				0				0	0	0
Farm Machinery and its maintenance	6	135	65	200	66	22	15	201	87	288
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	15	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	15	0	0	0
Production of small tools and implements	0	0	0	0	0	0	15	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	15	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	15	0	0	0
Post Harvest Technology	0	0	0	0	0	0	**0**	0	0	0
Others (pl specify)	1	7	3	10	15	0	0	22	3	25
Total	**7**	**142**	**68**	**210**	**81**	**22**	**90**	**223**	**90**	**313**
VII Plant Protection				0				0	0	0
Integrated Pest Management	51	2305	873	3178	657	157	20	2962	1030	3992
Integrated Disease Management	0	0	0	0	0	0	20	0	0	0
Bio-control of pests and diseases	0	0	0	0	0	0	20	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	20	0	0	0
Others (pl specify)	0	0	0	0	0	0	**0**	0	0	0
Total	**51**	**2305**	**873**	**3178**	**657**	**157**	**80**	**2962**	**1030**	**3992**
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	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
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	1	30	0	30	5	0	0	35	0	35
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	1	30	0	30	5	0	0	35	0	35
X Capacity Building and Group Dynamics	0	0	0	0	0	0	0	0	0	0

Leadership development	1	33	14	47	12	9	0	45	23	68
Group dynamics	8	192	83	275	90	46	30	282	129	411
Formation and Management of SHGs	1	17	3	20	12	7	20	29	10	39
Mobilization of social capital	9	217	101	318	78	56	17	295	157	452
Entrepreneurial development of farmers/youths	2	54	26	80	24	12	0	78	38	116
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	3	94	44	138	36	30	0	130	74	204
Total	24	607	271	878	252	160	67	859	431	1290
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**	**7343**	**1908**	**9251**	**1066**	**347**	**316**	**8409**	**2255**	**10664**

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	15	669	167	836	15	8	23	684	175	859
Resource Conservation Technologies	7	475	103	578	16	0	16	491	103	594
Cropping Systems	7	524	124	648	1	0	1	525	124	649
Crop Diversification	6	469	68	537	2	0	2	471	68	539
Integrated Farming	5	511	85	596	0	0	0	511	85	596
Micro Irrigation/irrigation	1	48	14	62	1	0	1	49	14	63
Seed production	14	829	121	950	1	0	1	830	121	951
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	10	847	100	947	16	0	16	863	100	963
Soil & water conservation	1	74	6	80	1	0	1	75	6	81
Integrated nutrient management	5	426	33	459	6	0	6	432	33	465
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	71	4872	821	5693	59	8	67	4931	829	5760
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	4	112	4	116	29	3	32	141	7	148
Poultry Management	5	133	23	156	26	18	44	159	41	200
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	1	40	4	44	8	3	11	48	7	55
Disease Management	1	22	7	29	4	3	7	26	10	36
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	11	307	38	345	67	27	94	374	65	439
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	7	155	71	226	11	5	15	166	76	242
Installation and maintenance of micro irrigation systems	1	24	0	24	20	2	22	44	2	46
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	1	23	6	29	5	0	5	28	6	34
Others (pl specify)	1	7	3	10	15	0	15	22	3	25

Total	10	209	80	289	111	24	135	320	104	424
VII Plant Protection				0				0	0	0
Integrated Pest Management	68	2819	1048	3867	752	172	924	3571	1220	4791
Integrated Disease Management	2	75	20	95	30	9	39	105	29	134
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	70	2894	1068	3962	782	181	963	3676	1249	4925
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	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
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	1	30	0	30	5	0	5	35	0	35
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	1	30	0	30	5	0	5	35	0	35
X Capacity Building and Group Dynamics	0		0	0	0	0	0	0	0	0
Leadership development	1	33	14	47	12	9	21	45	23	68
Group dynamics	9	207	92	299	104	51	155	311	143	454
Formation and Management of SHGs	2	28	10	38	18	11	29	46	21	67
Mobilization of social capital	10	244	113	357	88	67	155	332	180	512
Entrepreneurial development of farmers/youths	4	81	43	124	34	19	53	115	62	177
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	5	160	67	227	54	41	95	214	108	322
Total	31	753	339	1092	310	198	508	1063	537	1600
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	**194**	**9065**	**2346**	**11411**	**1334**	**438**	**1772**	**10399**	**2784**	**13183**

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	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0
Small scale processing	1	23	12	35	6	6	12	29	18	47
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	**1**	**23**	**12**	**35**	**6**	**6**	**12**	**29**	**18**	**47**

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	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
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	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Training for Rural Youths including sponsored training programmes – 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
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	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0
Small scale processing	1	23	12	35	6	6	12	29	18	47
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	**1**	**23**	**12**	**35**	**6**	**6**	**12**	**29**	**18**	**47**

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	0	0	0	0	0	0	0	0	0	0
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	02	23	15	38	15	17	32	38	32	70
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	02	23	15	38	15	17	32	38	32	70

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

Area of training	No. of Course	No. of Participants		
		General/ Others	SC/ST	Grand Total

	s	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	0	0	0	0	0	0	0	0	0	0
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	01	0	11	11	02	03	05	02	14	16
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	01	0	11	11	02	03	05	02	14	16

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	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0
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	**03**	23	26	49	17	20	37	40	46	86
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	**03**	23	26	49	17	20	37	40	46	86

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	0	0	0	0	0	0	0	0	0	0
Increasing production and productivity of crops	0	0	0	0	0	0	0	0	0	0
Commercial production of vegetables	0	0	0	0	0	0	0	0	0	0
Production and value addition	0	0	0	0	0	0	0	0	0	0
Fruit Plants	0	0	0	0	0	0	0	0	0	0
Ornamental plants	0	0	0	0	0	0	0	0	0	0
Spices crops	0	0	0	0	0	0	0	0	0	0
Soil health and fertility management	0	0	0	0	0	0	0	0	0	0
Production of Inputs at site	0	0	0	0	0	0	0	0	0	0
Methods of 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	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

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
Farm machinery	0	0	0	0	0	0	0	0	0	0
Farm machinery, tools and implements	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
Livestock and fisheries	0	0	0	0	0	0	0	0	0	0
Livestock production and management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0
Animal Disease Management	0	0	0	0	0	0	0	0	0	0
Fisheries Nutrition	0	0	0	0	0	0	0	0	0	0
Fisheries Management	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
Home Science	0	0	0	0	0	0	0	0	0	0
Household nutritional security	0	0	0	0	0	0	0	0	0	0
Economic empowerment of women	0	0	0	0	0	0	0	0	0	0
Drudgery reduction of women	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
Agricultural Extension	0	0	0	0	0	0	0	0	0	0
CapacityBuilding and Group Dynamics	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	0	0	0	0	0	0	0	0	0	0

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	0	0	0	0	0	0	0	0	0	0
Commercial floriculture	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Commercial vegetable production	0	0	0	0	0	0	0	0	0	0
Integrated crop management	0	0	0	0	0	0	0	0	0	0
Organic farming	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
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
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
Livestock and fisheries	0	0	0	0	0	0	0	0	0	0
Dairy farming	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0
Poultry farming	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
Income generation activities	0	0	0	0	0	0	0	0	0	0
Vermicomposting	0	0	0	0	0	0	0	0	0	0
Production of bio-agents, bio-pesticides,	0	0	0	0	0	0	0	0	0	0
bio-fertilizers etc.	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery	0	0	0	0	0	0	0	0	0	0
and implements	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Mushroom cultivation	0	0	0	0	0	0	0	0	0	0
Nursery, grafting etc.	0	0	0	0	0	0	0	0	0	0
Tailoring, stitching, embroidery, dying etc.	0	0	0	0	0	0	0	0	0	0
Agril. para-workers, para-vet training	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
Agricultural Extension	0	0	0	0	0	0	0	0	0	0
Capacity building and group dynamics	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	0	0	0	0	0	0	0	0	0	0

3.5. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services (Other than KMAS)	18	11277	6	11283
Diagnostic visits	22	517	72	589
Field Day	3	177	08	185
Group discussions	05	189	09	198
Kisan Ghosthi	01	39	2	41
Film Show	2	89	5	94
Self -help groups	0	0	0	0
Kisan Mela	12	1278	18	1296
Exhibition	06	4232	18	4250
Scientists' visit to farmers field	37	185	12	197
Plant/animal health camps	02	761	4	765
Farm Science Club	0	0	0	0
Ex-trainees Sammelan	0	0	0	0
Farmers' seminar/workshop	0	0	0	0
Method Demonstrations	5	250	0	250
Celebration of important days	04	356	8	364
Special day celebration	03	167	6	173
Exposure visits	02	32	1	33
Drone Demo	40	1433	0	1433
Total	**166**	20982	169	**21151**

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

Details of other extension programmes:

Particulars	Number
Electronic Media (CD./DVD)	00
Extension Literature	05
Newspaper coverage	45
Popular articles	17
Radio Talks	26
TV Talks	08
Animal health camps (Number of animals treated)	02
Social Media (No. of platforms Used)	04
Others (pl. specify)	00
Total	**107**

3.6 Online activities during year 2023

S. No.	Activity Type	Mode of implementation (Video conferencing / Audio Conferencing / Facebook Live / YouTube Live/ Zoom/ Google meet/ Webex etc.)	Title of Program	No. of Programmes	No. of Participants/ Views
A	Farmers training				
		Zoom	on management of Dairy calf	01	96
		Webex	Winter management of Buffaloes	01	107
	Total	00	00	00	00
B	Farmers scientist's interaction programme	00	00	00	00
	Total	00	00	00	00
C	Farmers seminars	00	00	00	00
1		00	00	00	00
	Total	00	00	00	00
D	Expert lectures	00	00	00	00
1		00	00	00	00
	Total	00	00	00	00
E	Any other (Pl. specify)	00	00	00	00
1		00	00	00	00
	Total	00	00	00	00
	Grand Total (A+B+C+D+E)			**2**	**203**

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	00	00	00	00	00	00
Oilseeds	00	00	00	00	00	00
Pulses	00	00	00	00	00	00
Commercial crops	00	00	00	00	00	00
Vegetables	00	00	00	00	00	00
Flower crops	00	00	00	00	00	00
Spices	00	00	00	00	00	00
Fodder crop seeds	00	00	00	00	00	00
Fiber crops	00	00	00	00	00	00
Forest Species	00	00	00	00	00	00
Others	00	00	00	00	00	00
	Krishi Sawadini2023	--	--	--	78750	523
	Krishi Dindarshika2023	--	--	--	6750	150
	azolla	Azolla pinnata	-	70	5600	44
Total				**70**	**91100**	**717**

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	00	00	00	00	00	00
Vegetable seedlings	00	00	00	00	00	00
Fruits	00	00	00	00	00	00
Ornamental plants	00	00	00	00	00	00
Medicinal and Aromatic	00	00	00	00	00	00
Plantation	00	00	00	00	00	00
Spices	00	00	00	00	00	00
Tuber	00	00	00	00	00	00
Fodder crop saplings	00	00	00	00	00	00
Forest Species	00	00	00	00	00	00
Others	00	00	00	00	00	00
Total	00	00	00	00	00	00

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity Kg/Lit	Value (Rs.)	No. of Farmers
Bio Fertilizers	Soyabean (Rhizobium + PSB)	178	35600	543
	Tur (Rhizobium + PSB)	98.5	19700	200
	Cotton (Azato+ PSB)	53.5	10700	170
	Chickpea (Rhizobium + PSB)	46.75	14350	142
	Wheat (Azato+ PSB)	7.5	1550	10
	PSB	12	2400	1
	Azatobactor	12	2400	1
Bio-fungicide	Trichoderma	143	28600	260
Bio Agents		0	0	0
Others		0	0	0
Total		**551.25**	**115300**	**1327**

Production of livestock materials

Particulars of Live stock	Name of the animal / bird / aquatics	Name of the breed	Type of Produce	unit (no./ lit/kg)	Quantity	Value (Rs.)	No. of Farmers
Dairy animals	00	00	00	00	00	00	00
Cows	00	00	00	00	00	00	00
Buffaloes	00	00	00	00	00	00	00
Calves	00	00	00	00	00	00	00
Others (Pl. specify)	00	00	00	00	00	00	00
Poultry	00	00	00	00	00	00	00
Broilers	00	00	00	00	00	00	00
Layers	00	00	00	00	00	00	00
Duals (broiler and layer)	00	00	00	00	00	00	00
Japanese Quail	00	00	00	00	00	00	00
Turkey	00	00	00	00	00	00	00
Emu	00	00	00	00	00	00	00
Ducks	00	00	00	00	00	00	00
Others (Pl. specify)	00	00	00	00	00	00	00
Piggery	00	00	00	00	00	00	00
Piglet	00	00	00	00	00	00	00
Others (Pl.specify)	00	00	00	00	00	00	00
Fisheries	00	00	00	00	00	00	00
Indian carp	00	00	00	00	00	00	00
Exotic carp	00	00	00	00	00	00	00
Others (Pl. specify)	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00

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	Citation/ Title	Authors name	Number
Research papers (Give Citation)		Dr. P. N.Magar	03
Technical reports	00	00	00
News letters	00	00	00
Technical bulletins	00	00	00
Popular articles	00	00	00
Extension literature	Jwarichi Poshakta, arogy vishyak Fayde ani mulyavardhan	Snehalata Bhagwat & Dr. Suresh Nemade	500
	Bajrichi Poshakta, arogy vishyak Fayde ani mulyavardhan	Snehalata Bhagwat & Dr. Suresh Nemade	500/-
	Nachanichi Poshakta, arogy vishyak Fayde ani mulyavardhan	Snehalata Bhagwat & Dr. Suresh Nemade	500/-
Others (Pl. specify)	पशुधन व्यवस्थापन व व्यवसयिक दुग्धउत्पादन	Dr.Ganesh U.Kaluse	3000
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	No of events (uploaded video/post/story etc.	Title of social media	Number of Followers/ Subscribers
1	YouTube Channel (no of video uploaded)	39	Youtube Chanel KVK Yavatmal	210
2	Facebook page/ Account (no of Post)	154	KVK Yavatmal	1420
3	Mobile Apps	0	0	0
4	WhatsApp groups	15		1054
5	Twitter Account	17	KVK Yavamal	19
6	Any other (Pl. Specify)			

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).

1. **Name of the Award : N.G. Ranga Farmer Award for Diversified Agriculture, 2021** under Krishi Vigyan Kendra, Yavatmal-I
2. **Year of the Awards: N.G. Ranga Farmer Award for Diversified Agriculture Awards 2021**
3. **Name of the Farmer:** Shri. Sunil Ghawade
4. **Father's Name :** Shri. Vitthalrao Ghawade
5. **Marital Status:** Married
6. **Date and place of birth :** 24.09.1966 and Place: Bramnhanwada, Tq. Ner
7. **Postal address :** at Post : Bramanhanwada, Tq. Ner Dist. Yavatmal
8. **Mobile:** 9420116929
9. **E-mail :** pckvkytl@yahoo.co.in
10. **Formal/informal education :** Graduate
11. 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

12. 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

13. **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

14. **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
    .
15. **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.
16. **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

17. **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

18. What improvement have been effected for productivity, profitability and sustainability - enhancement. : **For increasing productivity and profitability, he has developed low cost innovative Bamboo made Silkworm rearing house which facilitates additional crop during summer season.**

19. Any spread effect on Fellow Farmers : **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.**

20. 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

21. 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
Spraying of cow urine solution for pest and disease management in mulberry.

v. Bringing about radical change in management packages / in contributing record production from land, water or animals
   - Recognition received at the Block / District /State level and
   - Other sources

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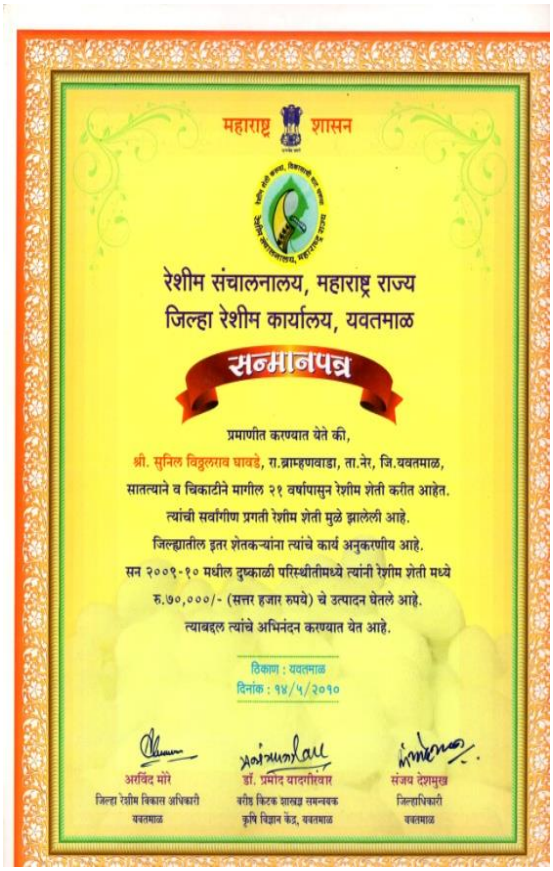
<td> 
महाराष्ट्र शासन
रेशीम संचालनालय, महाराष्ट्र राज्य
जिल्हा रेशीम कार्यालय, यवतमाळ
सन्मानपत्र
प्रमाणीत करण्यात येते की,
श्री. सुनिल विठ्ठलराव घावडे, रा.ब्राम्हणवाडा, ता.नेर, जि.यवतमाळ,
सातत्याने व चिकाटीने मागील २१ वर्षापासुन रेशीम शेती करीत आहेत.
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त्याबद्दल त्यांचे अभिनंदन करण्यात येत आहे.
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दिनांक : १४/५/२०१०
अरविंद मोरे
जिल्हा रेशीम विकास अधिकारी
यवतमाळ
डॉ. प्रमोद यादगीरवार
वरीष्ठ किटक शास्त्रज्ञ तथा समन्वयक
कृषि विज्ञान केंद्र, यवतमाळ
संजय देशमुख
जिल्हाधिकारी
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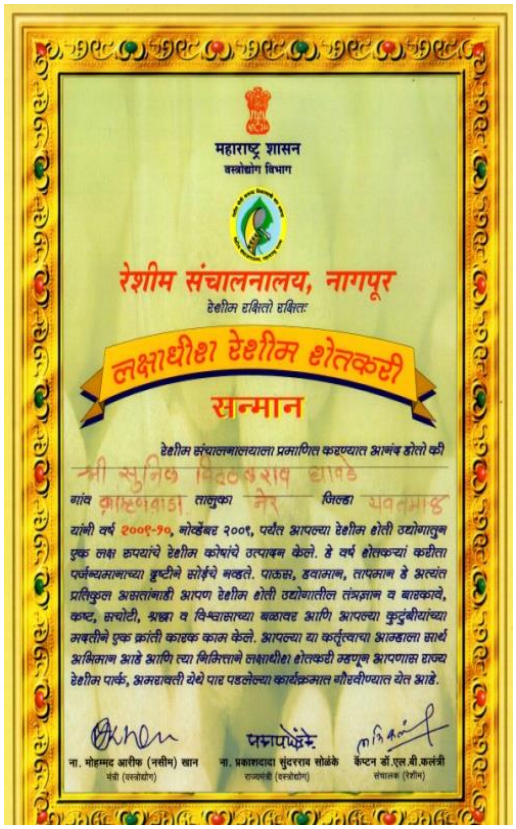
<td> 
महाराष्ट्र शासन
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श्री सुनिल विठ्ठलराव घावडे
गांव ब्राह्मणवाडा तालुका नेर जिल्हा यवतमाळ
यांनी वर्ष २००९-१०, नोव्हेंबर २००९, पर्यंत आपल्या रेशीम होती उद्योगातुन
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कष्ट, सचोटी, श्रद्धा व विश्वासाच्या बळावर आणि आपल्या कुटुंबीयांच्या
मदतीने एक क्रांती कारक काम केले. आपल्या या कर्तृत्वाचा आम्हाला सार्थ
अभिमान आहे आणि त्या निमित्ताने लक्षाधीश होतकरी म्हणून आपणास राज्य
रेशीम पार्क, अमरावती येथे पार पडलेल्या कार्यक्रमात गौरवीण्यात येत आहे.
ना. मोहम्मद आरीफ (नसीम) खान
मंत्री (वस्त्रोद्योग)
ना. प्रकाशदादा सुंदरराव सोळंके
राज्यमंत्री (वस्त्रोद्योग)
कॅप्टन डॉ.एल.बी.कलंत्री
संचालक (रेशीम)</td>
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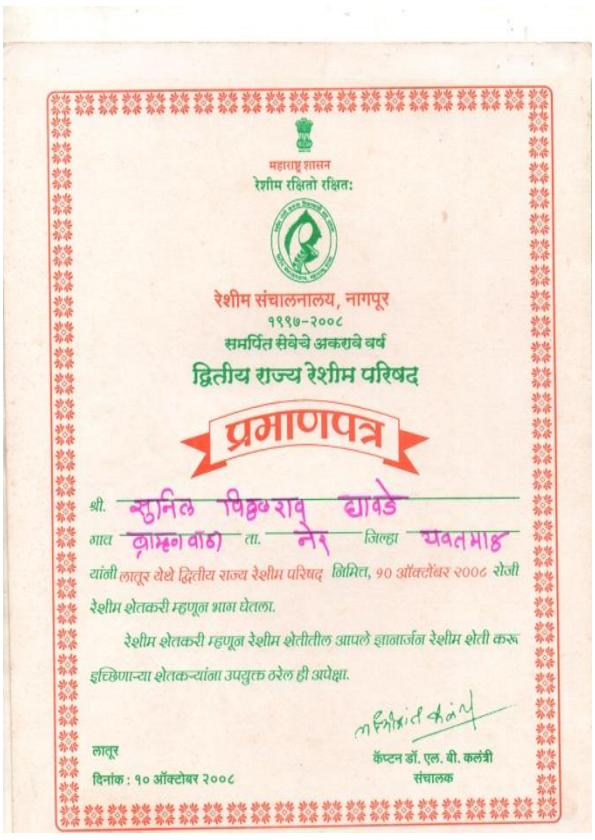
सहकार महर्षी तथा माजी आमदार
स्व. बाळासाहेब घुईखेडकर जयंती महोत्सव
शेतकरी मेळावा, कृषी प्रदर्शनी,
महिला बचत गट मेळावा व प्रदर्शनी
प्रशस्ती पत्र
प्रशस्ती पत्र देण्यात येते की,
श्री.सुनिल विठ्ठलराव घावडे मु.ब्राम्हणवाडा(पुर्व) ता. नेर
जिल्हा यवतमाळ यांनी कृषी क्षेत्रात विशेष कामगिरी केल्याबद्दल
सहकार महर्षी तथा माजी आमदार स्व. बाळासाहेब घुईखेडकर
जयंती महोत्सवाचे औचित्य साधुन विद्या प्रसारक मंडळ दारव्हा
व्दारा संचालीत मुंगसाजी महाराज महाविद्यालय, दारव्हा जि.यवतमाळ
च्या वतीने त्यांचा प्रशस्ती पत्र देवून गौरव करण्यात येत आहे.
दिनांक : १० जानेवारी २०११
स्थळ : मुंगसाजी महाराज महाविद्यालय,दारव्हा
वसंत घुईखेडकर
अध्यक्ष
विद्या प्रसारक मंडळ, दारव्हा
सौ. संगीता घुईखेडकर
प्राचार्या
मुंगसाजी महाराज महाविद्यालय, दारव्हा</td>
<td> 
महाराष्ट्र शासन
रेशीम रक्षितो रक्षितः
रेशीम संचालनालय, नागपूर
१९९७-२००८
समर्पित सेवेचे अकराबे वर्ष
द्वितीय राज्य रेशीम परिषद
प्रमाणपत्र
श्री. सुनिल पिठ्ठलराव घावडे
गाव ब्राह्मणवाडा ता. नेर जिल्हा यवतमाळ
यांनी लातूर येथे द्वितीय राज्य रेशीम परिषद निमित, १० ऑक्टोबर २००८ रोजी
रेशीम शेतकरी म्हणून भाग घेतला.
रेशीम शेतकरी म्हणून रेशीम शेतीतील आपले ज्ञानार्जन रेशीम शेती करू
इच्छिणाऱ्या शेतकऱ्यांना उपयुक्त ठरेल ही अपेक्षा.
लातूर
दिनांक : १० ऑक्टोबर २००८
कॅप्टन डॉ. एल. बी. कलंत्री
संचालक</td>
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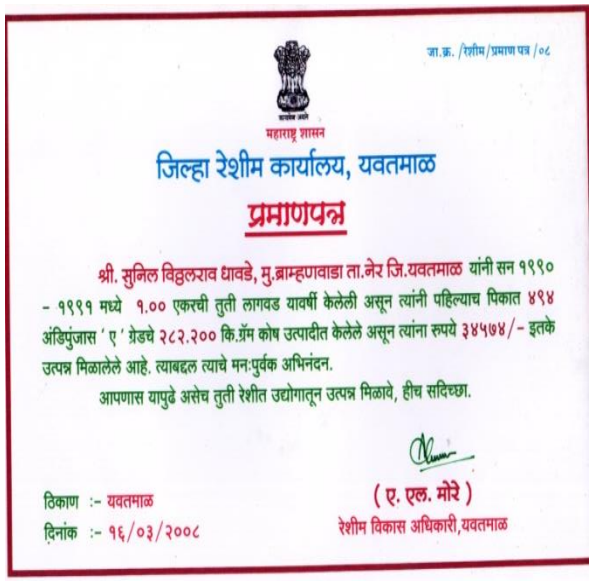
Best Work for Village



Certificate

Awards

डॉ. मोरे कुलगुरू राहूरी व डॉ. मायंदे कुलगुरू अकोला
यांच्या सोबत सह्याद्री वाहिनी मुंबई वर स्वागत करतांना

मुंबई दुरदर्शन केंद्र येथे सह्याद्री कृषि सन्मान स्विकारतांना

Awards

आदर्श शेतकरी श्री. सुनिल वि. घावडे यांचा सपत्नीक सत्कार करतांना
जि.प. यवतमाळ कृषी दिन दि. १ जुलै २०१३

सौ. निता सुनिल घावडे यांचा साडी चोळी देवून सत्कार करतांना
जि.प. यवतमाळ कृषी दिन दि. १ जुलै २०१३

Awards

दारव्हा येथील कार्यक्रमात प्रगतीशील शेतकरी
सुनील घावडे यांचा सत्कार करतांना ना. माणिकराव ठाकरे.

ना. माणिकराव ठाकरे यांचे हस्ते
शेतीनिष्ठ पुरस्कार स्विकारतांना श्री. सुनिल घावडे

Awards

श्री. सुनिल घावडे यांच्या पत्नी श्रीमती निता घावडे
रेशीम किटक संगोपन गृहासोबत.

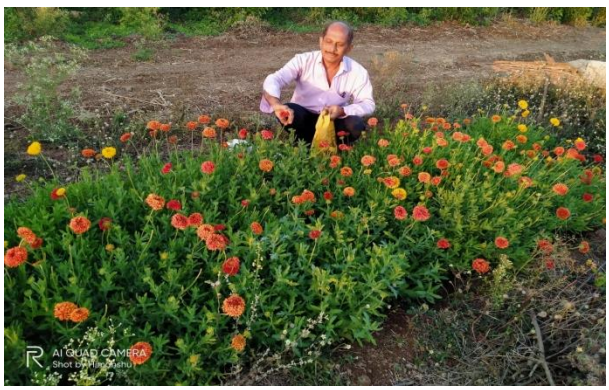
श्री. सुनिल घावडे रेशीम किटकांना
तुतीच्या पाल्याचे खाद्य देतांना.

Sericulture unit

Cocoon

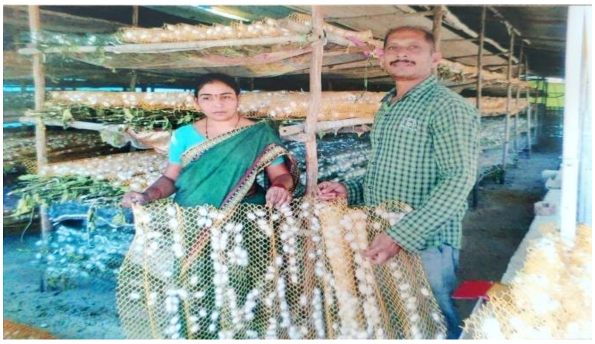
Cocoon

Labour our sericulture unit



Flower farm

Visit



Cocoon

लोकशाही वार्ता

गुड मॉर्निंग यवतमाळ

शनिवार, २ जून २०१२ १३

प्रगतीशील शेतकऱ्यांशी संवाद साधताना मुख्यमंत्री पृथ्वीराज चव्हाण

प्रगतीशील शेतकऱ्यांचा मुख्यमंत्र्यांशी संवाद

News paper cutting

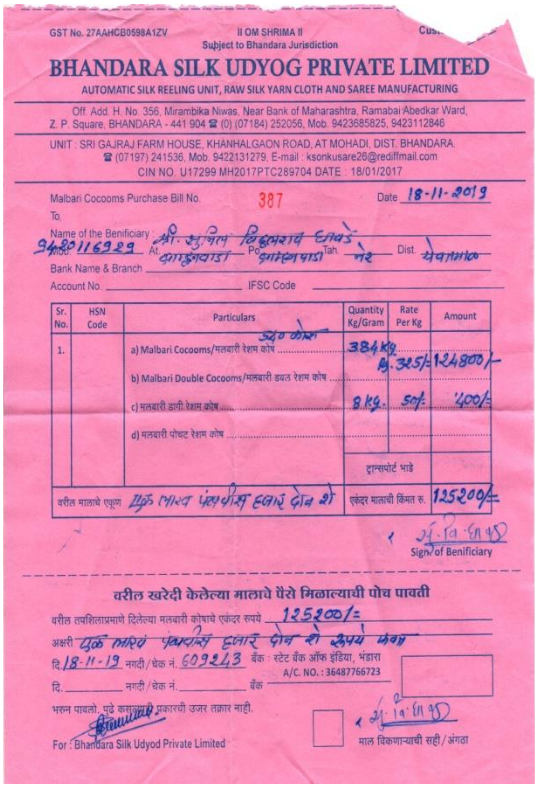
केले आहे.

घावडे यांना कृषी सन्मान

सुनील घावडे

यवतमाळ, ता. ४ : नेर तालुक्यातील ब्राम्हणवाडा पूर्व येथील प्रगतिशील शेतकरी सुनील घावडे यांना सह्याद्री वाहिनीतर्फे 'सह्याद्री कृषी सन्मान' पुरस्काराने सन्मानित करण्यात येत आहे. त्यांनी गेल्या १५ वर्षांपासून जिल्ह्यात सर्वप्रथम रेशीम शेतीला सुरवात केली होती. ते आपल्या शेतात संत्रा, कपाशी, चणा, सोयाबीन, तुरी लागवड आदी पिके घेत आहेत. त्यांना हा पुरस्कार येत्या १० फेब्रुवारीला मुंबई येथील दूरदर्शनच्या सह्याद्री वाहिनीवर दुपारी चार ते साडेसात या कालावधीत होणाऱ्या कार्यक्रमात देण्यात येणार आहे.

News paper cutting



GST No. 27AAHCB0598A1ZV || OM SHRIMA || Cus...

Subject to Bhandara Jurisdiction

BHANDARA SILK UDYOG PRIVATE LIMITED

AUTOMATIC SILK REELING UNIT, RAW SILK YARN CLOTH AND SAREE MANUFACTURING

Off. Add. H. No. 356, Mirambika Niwas, Near Bank of Maharashtra, Ramabai Abedkar Ward, Z. P. Square, BHANDARA - 441 904 ☎ (0) (07184) 252056, Mob. 9423685825, 9423112846

UNIT : SRI GAJRAJ FARM HOUSE, KHANHALGAON ROAD, AT MOHADI, DIST. BHANDARA. ☎ (07197) 241536, Mob. 9422131279, E-mail : ksonkusare26@rediffmail.com

CIN NO. U17299 MH2017PTC289704 DATE : 18/01/2017

Malbari Cocooms Purchase Bill No. 387 Date 18-11-2019

To,

Name of the Benificiary : श्री. सुनिल विठ्ठलराव घावडे

Mob. 9420116929 At ब्राम्हणवाडा Po ब्राम्हणवाडा Tah. नेर Dist. यवतमाळ

Bank Name & Branch

Account No. IFSC Code

Sr. No.	HSN Code	Particulars	Quantity Kg/Gram	Rate Per Kg	Amount
1.		a) Malbari Cocooms/मलबारी रेशम कोष	384 Kg.	Rs. 325/-	124800/-
		b) Malbari Double Cocooms/मलबारी डबल रेशम कोष			
		c) मलबारी डागी रेशम कोष	8 kg.	50/-	400/-
		d) मलबारी पोचट रेशम कोष			
			ट्रान्सपोर्ट भाडे		
वरील मालाचे एकूण एक लाख पंचवीस हजार दोन शे			एकंदर मालाची किंमत रु.		125200/-

Sign. of Benificiary

वरील खरेदी केलेल्या मालाचे पैसे मिळाल्याची पोच पावती

वरील तपशिलाप्रमाणे दिलेल्या मलबारी कोषाचे एकंदर रुपये 125200/-

अक्षरी एक लाख पंचवीस हजार दोन शे रुपये फक्त

दि. 18-11-19 नगदी / चेक नं. 609243 बँक : स्टेट बँक ऑफ इंडिया, भंडारा A/C. NO. : 36487766723

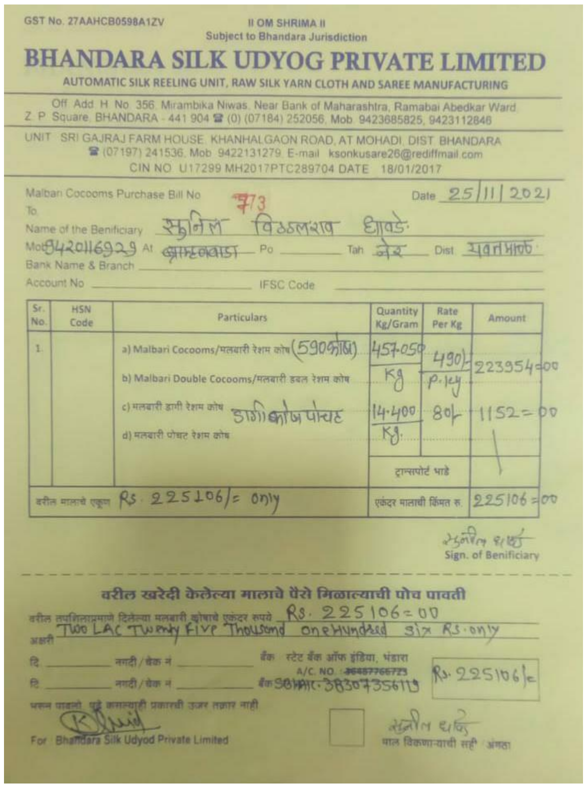
दि. नगदी / चेक नं. बँक

भरुन पावलो, पुढे कसल्याही प्रकारची उजर तक्रार नाही.

For : Bhandara Silk Udyod Private Limited

माल विकणाऱ्याची सही / अंगठा

Receipt for Cocoon



GST No. 27AAHCB0598A1ZV || OM SHRIMA ||

Subject to Bhandara Jurisdiction

BHANDARA SILK UDYOG PRIVATE LIMITED

AUTOMATIC SILK REELING UNIT, RAW SILK YARN CLOTH AND SAREE MANUFACTURING

Off. Add. H. No. 356, Mirambika Niwas, Near Bank of Maharashtra, Ramabai Abedkar Ward, Z. P. Square, BHANDARA - 441 904 ☎ (0) (07184) 252056, Mob. 9423685825, 9423112846

UNIT : SRI GAJRAJ FARM HOUSE, KHANHALGAON ROAD, AT MOHADI, DIST. BHANDARA ☎ (07197) 241536, Mob. 9422131279, E-mail : ksonkusare26@rediffmail.com

CIN NO. U17299 MH2017PTC289704 DATE : 18/01/2017

Malbari Cocooms Purchase Bill No. 773 Date 25/11/2021

To

Name of the Benificiary सुनिल विठ्ठलराव घावडे

Mob. 9420116929 At ब्राम्हणवाडा Po Tah. नेर Dist. यवतमाळ

Bank Name & Branch

Account No IFSC Code

Sr. No.	HSN Code	Particulars	Quantity Kg/Gram	Rate Per Kg	Amount
1.		a) Malbari Cocooms/मलबारी रेशम कोष (590 कोष)	457.050 Kg	490/- P.Kg	223954=00
		b) Malbari Double Cocooms/मलबारी डबल रेशम कोष			
		c) मलबारी डागी रेशम कोष डागी कोष पोचट	14.400 Kg.	80/-	1152=00
		d) मलबारी पोचट रेशम कोष			
			ट्रान्सपोर्ट भाडे		
वरील मालाचे एकूण Rs. 225106/= only			एकंदर मालाची किंमत रु.		225106=00

Sign. of Benificiary

वरील खरेदी केलेल्या मालाचे पैसे मिळाल्याची पोच पावती

वरील तपशिलाप्रमाणे दिलेल्या मलबारी कोषाचे एकंदर रुपये Rs. 225106=00

अक्षरी Two LAC Twenty Five Thousand one Hundred six RS. only

दि. नगदी / चेक नं. बँक स्टेट बँक ऑफ इंडिया, भंडारा A/C. NO. 36487766723

दि. नगदी / चेक नं. बँक SBI A/C. 38307356119 Rs. 225106/-

भरुन पावलो, पुढे कसल्याही प्रकारची उजर तक्रार नाही

For : Bhandara Silk Udyod Private Limited

माल विकणाऱ्याची सही / अंगठा

Receipt for Cocoon

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
01	Cotton	Special Project on Cotton (HDPS & Closer Spacing)	KVK,Yavatmal & CICR,Nagpur Joilntly implemented project on Cotton Crop . It is implemented on 196.60 Ha.in Area of Yavatmal ,Babhulgaon Kalamb, Ralegaon, Ner,Arni,Dharwa,Digras of Yavatmal Distirct
02	Cotton	PB Knot technology for cotton crop	Majority of the farmers from Yavatmal district are cultivated cotton crop. Last few years they are suffering sevral pest & disease like Pink Bollworm, Boll Rot for control and minimizing expenditure Krishi Vigyan Kendra, Yavatmal-I implemented PB knot technology for cotton crop at Mahamadpur & Malwalni village on 64 ha. Area for Pink bollworm management

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

A. Practicing Farmers

- Entrepreneur develop through Subsidiary business (goat,Poultory, Mushroom,Dal Processing)
- Approaching to advance cropping system.
- Soil test based application of fertilizer
- Farm mechanization
- 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.
- 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

- Capacity building through group commodity
- Leadership development.
- Entrepreneurship development through subsidiary business.
- Improved technique of organic farming & method of preparation organic manure for entrepreneurship 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**	• ICM • Low yield in,Cotton, Soyabean , chickpea, greengram and blackgram,wheat • Fertilizer Application • Low yield in Pigeonpea • Crop Diversification • Farm Mechanization
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 • Entrepreneurship 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
5	**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
6	**Home Sciences**	• Capacity building of SHG's Women • Drudgery reduction of Women • Malnutrition of Women • Processing

5.3. Field activities

i.Name of villages identified/adopted with block name	Mawalni	Mahamadpur
Geographical Area of Village	388.78	390.79
Area Under Khariff	374.08	374.29
Area Under Rabi	83.00	74.00
Area Summer Summer	14.07	30.00
Total Population	793	630
Female	411	310
Male	382	320
Total Families	190	147
No. of survey/PRA conducted	01	01
No. of technologies taken to the adopted villages	05	05
Name of the technologies found suitable by the farmers of the adopted villages	Cropping production technology, IPM, Farm mechanization, Enterpurnership development through subsidiary business	ICM technology, IPM technology, Farm mechanization, Enterpunership development through subsidiary business
Impact (production, income, employment, area/technological– horizontal/vertical)	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

6. LINKAGES

A. Functional linkage with different organizations

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	NHB and NHM	Funding agency for establishment of nursery at KVK, Yavatmal
15	National Medicinal and Aromatic Plant Board	Provide resource persons for different horticultural programmes conducted under NHM.
16	MSSCl, Yavatmal	Act as a supply source of seed material of agronomical and horticultural crops to KVK, Yavatmal for farm demonstrations, OFT and FLDs.
17	ITC Choupal Sagar	Marketing of soybean grains. Extending technical support to ITC cultivators, training and Mela
18	NABARD	Formation KVK- NABARD farmers club and project sanctioning to KVK contacties.
19	ATMA	Funds mobilized for Innovative Extension Education programmes and entrepreneurship development
20		
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	World Vision of India	Supporting technical knowledge how for livelihood and area development programme by entrepreneurship development.
25	Chetana Organizaton, Ghatanji	
26	Vikas Ganga, Ghatanji	
27	Vidarbha Rural Reconstruction Trust, Kongara	Technical support and scheme convergence for farmers.
28	District Information Office	Technical dissemination and news publish.
29	Agro-One (Daily News Paper for farmers)	Jointly Krishi Mela organization and technical support in form of resource persons.
30	CIAE, Bhopal	Technical support and scheme convergence for farmers.
31	MAVIM, Yavatmal	SHG Training
32	PHC, Yavatmal district	Medical camp organization of OFT, FLD's
33	Cottage Hospital, Pandharkawda	Medical camp organization of OFT, FLD's
34	District Health Laboratory, Yavatmal	OFT, FLD's water testing
35	Health Laboratory, Yavatmal	Water Testing
36	MAU Parbhani	Technical FLD, OFT's
37	District Project Coordination Committee, Yavtmal	Nominated for DPCC
38	RCF, Ltd	Associated as a mass media for technology dissemination through Kisan Melava and source of soil testing.
39	RCOF, Nagpur	Organic farming
40	ShramShakti Pratishthan, Wardha	Jointly organization of training programmes and technical support in form of resource persons.
41	Dist. Dairy Devlop. Officer	Technical support and scheme convergence for farmers.
42	Veterinary Department	Sparing services in Training and Extension services of one other
43	Zilha Parishad, Agriculture	Invited member in Krishi Samiti of Zilha Parishad, heded by ZP Vice Chairman,

		working as a Nodal Officer in Agriculture Exhibition.
44	Community Social Responsibility Unit of Reliance Sector.	Providing platform of form cables for University's Technology Dissemination.
45	Reliance Foundation Regional Office, Yavatmal	Associated as a mass media for technology dissemination
46	Gram Sudhar Mandal, Babhulgaon	Jointly organization of training programmes and technical support in form of resource persons.
47	AFPRO Yavatmal	Associated as a mass media for technology dissemination through Kisan Melava and Training
48	ISHA foundation	Sparing services in Training and Extension services of one other
49	AFARM Yavatmal	Associated as a mass media for technology dissemination through Kisan Melava and Training.
50	ICICI foundation	Training
51	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(State Govt./Other Agencies)	Amount (Rs.)
HDPS project	April 2023	ICAR	23,05,000
RKVY	January 2023	RKVY	57,000
Drone Demonstration	December 2022	ICAR	7,50,000
CFLD Oilseed	June 2023	ICAR	52,669
CFLD Pulses	June 2023	ICAR	1,40,850

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	No of Farmers attending
01	**Meetings**	ATMA planning meeting	**03**	**05**	**08**
		District Millets year celebrated	**04**	**07**	**11**
02	**Research projects**	--	--	--	--
03	**Training programmes**	--	--	--	--
04	**Demonstrations**	--	--	--	--
05	**Extension Programmes**	--	--	--	--
	KisanMela	--	--	--	--
	Technology Week	--	--	--	--
	Exposure visit	--	--	--	--
	Exhibition (Participation)	**Krushi Mahostav**	**06**	**01**	**1083**
	Soil health camps	--	--	--	--
	Animal Health Campaigns	--	--	--	--
	Others (Pl. specify)	--	--	--	--
06	**Publications**				
	Video Films	--	--	--	--
	Books	--	--	--	--

	Book chapter	--	--	--	--
	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
1	**RKVY**	**University Dr. PDKV Akola**	57,000	57,000	

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
--	--	--	--	--	--

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:

Following mentioned Agencies KVK Convergence & Working for District.

Sn	Name of Agencies	Nature of Working
1	District Superintending Agricultural Officer, Yavatmal	Member & Expert
2	PD (ATMA), Yavatmal	Member & Expert
3	District Sericulture Development Officer, Yavatmal	Member & Expert
4	Department of Animal Husbandry, Yavatmal	Member & Expert

5	Reliance NGO	Expert
6	AFARM	Expert
7	AFPRO	Expert
8	UMED	Member & Expert

8. Innovative Farmers Meet

Sl.No.	Particulars	Details
1	Have you conducted Farm Innovators meet in your district?	Yes
2	Brief report in this regard	During Year 2023 KVK Yavatmal Establish Farmer Scientist Forum for Yavatmal District. In this Forum involve 35 Innovative, Awardee, Progressive Farmer from district. Every First Weekof Month KVK organize Farmer Scientist Forum Meeting at Farmer Filed on current Topic dicussed by member of Forum. During Last Year organize 09 Meeting & Participated by Above 500 Farmer from district.

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:

1	Chick pea – var. demo High yielding variety
2	Pigeon pea – ICM Good technology required to be demonstrated widely
3	Need to develop pink bollworm and sucking pest resistance varieties of cotton
4	Need new resistance verity for crop production
5	Need of pest and disease resistance and high yielding varieties
6	Low cost management of pests in soybean
7	Low cost management of pink bollworm in cotton by using biocontrol agents
8	Availability of fresh nutria vegetable
9	Increase in body weight gain and milk gain

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

1	Soybean – var. demo Accepted and demand for next season
2	Pigeonpea – ICM technology Accepted and demand for next season
3	Due to seed treatment mana**g**ement of root rot in soybean can be ac**h**ieved
4	Use Bio pesticides and Inte**g**rated Pest Management is very important and I am usin**g** pesticides as per need and as last option
5	Accepted mini solar tunel dryer technology by farmers
6	Accept BBF Technology
7	Accept Fodder Production Technology
8	Promoted Subsidiary business- Goatory, Poultry, Mushroom Production Technology, Dal Processing

11. Technology Week celebration during 2023: Yes/No, If Yes

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			
Lectures organized	05	157	Lumpy skin disease awareness in farmers
Exhibition	00	00	00
Film show	00	00	00
Fair	00	00	00
Farm Visit	00	00	00
Diagnostic Practical's	02	22	Regarding vaccination and dewarming
Supply of Literature (No.)	00	00	00
Supply of Seed (q)	00	00	00
Supply of Planting materials (No.)	00	00	00
Bio Product supply (Kg)	00	00	00
Bio Fertilizers (q)	00	00	00
Supply of fingerlings	00	00	00
Supply of Livestock specimen (No.)	00	00	00
Total number of farmers visited the technology week	00	00	00

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
Maharastra	**02**	**711**	**641**
Total	**02**	**711**	**641**

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	No.	No. of	No.	No. of	No.	No. of	No.	No. of	No.	No. of

		farmers		**farmers**		**farmers**		**farmers**		**farmers**		**farmers**
Total	--	--	--	--	--				--			

13. IMPACT

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

A. Impact of KVK activities .

For Sustainable of Farming Community KVK conducted & Imlpmented no's of Programme in adopeted villages from them few Impact of Demonstration are beneficial 7 change their knowledge also increase in their Production & income ,their details mention below

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 Sesame (CFLD) for year 2023	50	74	**58099**	**61622**

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 2023	03	11276	01
Feb 2023	02	11276	00
March 2023	0	0	0
April 2023	02	11277	0
May 2023	03	11277	0
Jun 2023	02	11277	0
Jul 2023	02	11277	0
Aug 2023	02	11277	0
Sept 2023	02	11277	0
Oct 2023	0	0	0
Nov. 2023	00	11280	0
Dec. 2023	00	11277	0

Name of KVK	**Message Type**	**Type of Messages**						
		Crop	**Livestock**	**Weather**	**Marke-ting**	**Aware-ness**	**Other enterprise**	**Total**
Yavatmal-I	Text only	09	04	02	01	01	01	18
	Voice only	00	00	00	00	00	00	00
	Voice & Text both	00	00	00	00	00	00	00
	Total Messages	09	04	02	01	01	01	18
	Total farmers Benefitted	**11277**	**2380**	**2324**	**126**	**3406**	**2947**	**11277**

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**	
--	--	--	--	--	--	--	--	--	--

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									
--	--	--	--	--	--	--	--	--	--
Oilseeds									
--	--	--	--	--	--	--	--	--	--
Fibers									
--	--	--	--	--	--	--	--	--	--
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	
--	--	--	--	--	--	--	--

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)
January **2023**	--	--	--
February **2023**	--	--	--
March **2023**	--	--	--
April **2023**	--	--	--
May **2023**	--	--	--
June **2023**	--	--	--
July **2023**	--	--	--
August **2023**	--	--	--
September **2023**	--	--	--
October **2023**	--	--	--
November **2023**	--	--	--
December **2023**	25	06	--

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 Demonstration s	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/No

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
2 R	Vegetable crops	Green Leafy vegetable, vine type, Roos & tubers and other vegetable	50

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
Mahmadpur, Tal> Babhulgaon	Vegetable crops	Green Leafy vegetable, vine type, Roos & tubers and other vegetable	15

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 2023-24 (Rs. in lakh) (Till Dec, 2023)

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	**Pay & Allowances**	1,74,00,000	1,74,00,000	1,63,05,716
2	**Traveling allowances**	2,00,000	2,00,000	87576
3	**Contingencies**	14,00,000	14,00,000	747297
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)		**1,90,00,000**	**1,90,00,000**	**1,71,40,589**
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)		**1,90,00,000**	**1,90,00,000**	**1,71,40,589**
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				

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	779390	269338	3197494
April 2019 to March 2020	31,97,494	1476267	1008239	4439825
April 2020 to March 2021	4439825	1962416	74724	6466856
April 2021 to March, 2022	6466856	405981	204446	6759242
April 2022 to March 2023	6759242	398990	1560535	5650177
April 2023 to March 2024	5650177	450210	211022	5889365 (January 2024)

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
Mayur B.Dhole	SMS,Ex.Ed.	Teaching Learning Evaluation Technology Programme	ICAR-ATARI, Zone-I Punjab, RVSKVV,Gwalior,MP & NADCC,Naramulla,J & K	Vrtual Mode	05 -25 April2023
Mayur B.Dhole	SMS,Ex.Ed.	Precession Agriculture with New Perspective Farming during 15 May- 13 Jun 2023	CSJM,University Kanpur ,ICAR-ATARI Kanpur	Vrtual Mode	15 May- 13 Jun 2023
Mayur B.Dhole	SMS,Ex.Ed.	Competency Enhancement Programme on Soft Skill & Personality Developement	Dr,PDKV,Akola & EEI, AAU,Gujrat	OFF Mode	13 -15 July 2023
Snehalata Prabhakarrao Bhagwat	Assistant Prof (Home Science)	Competency Enhancement Programme In Soft Skill & Personality Development	Dr PDKV, Akola	Offline	13th to 15th July 2023
Snehalata Prabhakarrao Bhagwat	Assistant Prof (Home Science)	Capacity Building of Agricultural Extention Professionals of ATARI Zone VIII to promote Agro Processing.	CIPHET, Ludhiana	Offline	7th to 11th August 2023

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)
Mawalni	190	FLD, OFT, Trainings, Enterpuneship development through SHG, farm mechanization	85	43,000/ annum	49,000/ annum
Mahamadpur	147	FLD, OFT, Trainings, Enterpuneship development through SHG, farm mechanization	107	38,000/ annum	45,000/ 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
1	Vermicompost bed distribution with vermiculture, importance & productions of vermicompost technology	2	34
2	importance of waste used for organic Mannure	1	15
3	importance of waste used for organic Mannure	1	73
4	Awarness of waste used for organic Mannure	2	43

Sr. No	Name of KVK	Date	***Activity***	No of VIPs	No of Farmers	Others	Total
--	--	--	--	---	--	--	--

21. Books published 2023-24

Title of the Book	Authors	ISBN No	Publisher	Pages No	Description/review of the book (one paragraph/sentence)
--	--	--	--	--	--

22.. 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	194	10399	2784	13183
Rural youths	01	29	18	47
Extension functionaries	00	00	00	00
Sponsored Training	00	00	00	00
Vocational Training	00	00	00	00
Total	195	10428	2802	13230

2. Frontline demonstrations

Crops/Enterprise	No. of Farmers	Area(ha)	Units/Animals
Oilseeds	88	35.2	Ha
Pulses	100	40	Ha
Cereals	00	00	00
Vegetables	15	1.2 R	Ha
Other crops	13	5.2	Ha
Hybrid crops	00	00	000
Total	216	80.9	Ha
Livestock & Fisheries	26	00	Animal
Other enterprises	00	00	00
Total	26	00	Animal
Grand Total	232	80.9	

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	00	00	00
Livestock	00	00	00
Various enterprises	00	00	00
Total	00	00	00
Technology Refined			
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	166	21151
Other extension activities	107	107
Total	273	21258

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Awar e-ness	Other enterprise	Total
Yavatma-I	Text only	09	04	02	01	01	01	18
	Voice only	00	00	00	00	00	00	00
	Voice & Text both	00	00	00	00	00	00	00
	Total Messages	09	04	02	01	01	01	18
	Total farmers Benefitted	**11277**	**2380**	**2324**	**126**	**3406**	**2947**	**11277**

6. Seed & Planting Material Production

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

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value (Rs.)
Soil	1089	2,17,800
Water	00	00
Plant	00	00
Total	1089	2,17,800

8. HRD and Publications

Sr. No.	Category	Number
1	Abstract	**00**
2	Workshops	04
3	Conferences	08
4	Meetings	14
5	Trainings for KVK officials	05
6	Visits of KVK officials	05
7	Book published	02
8	Training Manual	10
9	Book chapters	00
10	Booklet	00
11	Leaflets/ Folder/ Pamphlet	07
12	Research papers	02
13	Technical Bulletin	00
14	Popular article	45
15	Lead papers	00
16	Seminar papers	00
17	Extension folder	02
18	Proceedings	04
19	Award & recognition	02
20	On-going research projects	02
21	Other	