

ICAR-ATARI, Pune
DETAILS OF ANNUAL PROGRESS REPORT OF KVKs DURING 2025
(January 2025 to December 2025)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address with PIN code	Telephone		E mail	Website address & No. of visitors (hits)
Krishi Vigyan Kendra (Dr. PDKV), Waghapur road, Yavatmal I – 445 001 (MS)	Office	FAX	pckvktyl@yahoo.co.in	www.kvkyavatmal.pdkv.ac.in (80757)
	--	--	kvkyavatmal@pdkv.ac.in	

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. Dipak B. Kachave	--	9423700730	pckvktyl@yahoo.co.in

1.4. Date and Year of sanction: 2004

1.5. Staff Position (as on March, 2026)

Sl. No.	Sanctioned post	Name of the incumbent	Mobile No.	Discipline	If Permanent, Please indicate		Date of joining	If Temporary, pl. indicate the consolidated amount paid (Rs./month)
					Current Pay Band	Current Grade Pay		
1.	Senior Scientist and Head	Dr. D. B. Kachave	9423700730	Horticulture	131400		01/08/2025	Permanent
2.	Subject Matter Specialist	Dr. P. N. Magar	7757081885	Agril. Entomology	73200		26/12/2016	Permanent
3.	Subject Matter Specialist	Mr M. B..Dhole	9921102110	Agricultural Extension	73200		22/09/2016	Permanent

4.	Subject Matter Specialist	Dr. N. S. Deshmukh	7588501489	AHDS	73200		01/10/2016	Permanent
5.	Subject Matter Specialist	Mr. R. T. Chavan	9096362820	Agricultural Engg.	73200		04/10/2016	Permanent
6.	Subject Matter Specialist	S. P. Bhagwat	9421271590	Home Science	92500		27/02/2008	Permanent
7.	Subject Matter Specialist	Dr. R. S. Zadode	9309748753	Agronomy	73200		21/11/2016	Permanent
8.	Programme Assistant	Mr V.D. Rathod	9970655839	Programme Assit (Lab Tech)	46200		05/08/2016	Permanent
9.	Computer Programmer	Mr R.M. Deshmukh	8007679354	Programme Assit (Computer)	46200		08/08/2016	Permanent
10.	Farm Manager	Mr K.D. Shirsat	9822760209	(Farm Manager)	46200		04/01/2017	Permanent
11.	Accountant/Superintendent	Mr P. N. Ramteke	9881819913	(ASO)	46200		10/08/2016	Permanent
12.	Stenographer	Mr L. S. Gaikwad	9765322180	(Stenographer)	33300		08/09/2016	Permanent
13.	Driver 1	Shri.V. B. Borse	9503529403	(Driver)	28400		10/10/2016	Physically Working at Registrar office, Dr. PDKV, Akola
14.	Driver 2	Shri. A. R. Kadu	9665962470	(Driver)	28400		13/10/2016	Permanent
15.	Supporting staff 1	Ku. Ashwini D. Mahurkar	9579397797	(Skill Helper)	22100		04/10/2018	Permanent
16.	Supporting staff 2	Mr. Baratshing Sulane	9637283623	(Skill Helper)	22100		10/10/2018	Permanent

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)
1	Under Buildings	01.00
2.	Under Démonstration Unit	00.40
3.	Under Crops	17.40
4.	Horticulture	01.00
5.	Pond	00.20
6.	Others if any (Specify)	00.00

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 testing lab	ICAR	--	--	--	--	--	--
9	Mini soil testing Kit	--	--	--	--	--	--	--
10	Sell Contour	Dr. PDKV	--	--	--	--	--	--
11	Demo unit							
i								
ii								
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	105000 km	Working
HERO HONDA SPL +	2006	50000.00	--	Not in Working
Tractor	2012	4,50,000	10812 hours	Good Condition

C) Equipment & AV aids

Name of the equipment / Implements	Year of purchase	Cost (Rs.)	Present status
MEGA Phone	2006	2500.00	Not 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
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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 + Silviculture	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 Darwaha & 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 droughtiness.

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 through 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 (2025)

S. No	Crop	Area (ha)	Production (kg/ha)	Productivity (Kg/ha)
	Major Field crops			
1	Cotton	483998	1035561	437 (lint)
2	Jawar	2938	4598	601
3	Soybean	272498	91415	1431
4	Pigeon pea	106353	349167	1218
5	Black gram	1875	1349	688
6	Green gram	1957	1186	755
7	Chickpea	121873	89793	--
8	wheat	58664	153862	--

Source: DSAO, Yavatmal

2.5. Weather data (2025)

Month	Average RF (mm)	Normal RF(mm)	Normal Rainy days (number)	Temperature (° C)		Relative Humidity (%)	
				Maximum	Minimum	Maximum	Minimum
JANUARY	0.0	0.0	0.0	30.9	15.0	75.5	62.8
FEBRUARY	0.0	0.0	0.0	34.0	17.7	64.4	53.8
MARCH	2.0	2.0	0.0	38.7	21.2	65.1	54.8
APRIL	43.5	43.5	2.0	39.4	23.2	69.5	53.5
MAY	70.5	70.5	2.0	41.4	26.2	60.7	43.9
JUNE	179.3	179.3	12.0	38.1	25.1	74.4	54.4
JULY	251.0	251.0	21.0	31.0	19.8	88.6	80.7
AUGUST	302.0	302.0	19.0	30.9	22.5	85.0	77.2
SEPTEMBER	284.0	284.0	20.0	30.7	23.0	84.3	72.4
OCTOBER	34.0	34.0	1.0	30.9	15.0	75.5	62.8
NOVEMBER	50.5	50.5	1.0	31.4	13.2	64.8	56.5
DECEMBER	3.4	3.4	0.0	30.9	15.8	61.7	51.1
Total	1220.2	1220.2	78	408.3	237.7	869.5	723.9

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		
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
Yavatmal	Kita	Kharif – Cotton, Soybean, Redgram Rabi- Bengal gram, Wheat, Sesamum Horticulture – Mango Guava Cattle , Buffalo goat, Poultry	- Improper Land Preparation- deep ploughing should not done in summer - Lack of Soil Testing - Do not use new improved variety/ hybrid - Do not take seed germination test - Lack of Seed Treatment - Improper Spacing and Plant Population Indiscriminate Use of Fertilizers - Unavailability and unawareness of improved farm implements - Lack of processing of agricultural produce. - Unavailability of custom hiring center - Absence of allied agricultural enterprises (subsidiary occupations). - Lack of improved livestock breeds. - Neglect of livestock health. - Lack of nutritious feed. - Do not use Integrated approach for pest & disease control - Do not use of Biocontrol agents. - Lack of Plant Pests and disease diagnosis for effective pest and disease management	Agronomical Interventions - Deep ploughing during summer - Pre planning of kharif season - Crop rotation diversification - High yielding improved variety - Seed Germination testing - Seed treatment of fungicide, insecticide and bio fertilizer - Use of pair row sowing by dibbling Entomological Interventions - Use of IPM throughout crop period - Deep plowing, seed treatment of insecticide, use of IPM tools like Yellow sticky trap, pheromone trap, border trap, light trap, etc. - Use of various bio insecticide & fungicide - Control of various pest and disease in early stage before attained ETL - Safe use of spraying of chemical - Use of Biocontrol agents like Trichoderma, Metarhizium, Tricho cards. Farm Mechanization - Establishment of custom hiring centre - Use BBF seed drill for sowing - Use of Seed dibbler - Inter cultivation through BBF - In situ soil moisture conservation practices - Harvesting through advance harvester AHDS Interventions - Clean milk management - Preparation of milk products - Vermicompost production - Azolla cultivation for livestock - Fodder cultivation Home Science - Establishment of nutrition garden - To minimize the storage loss - Use of Save grain bag for storage of grains & seed - Poor Socio economic status - Income generation activities for empowerment of rural women like Mini dal mill - Mushroom cultivation - Introduction of improved farm tools and technologies to the farm women Value addition - Value addition to primary agriculture produce. IFS - Farming system for nutrition approach model for Food & nutrition Security. - Sericulture - Dairy - Goatry - Poultry
Babhulgaon	Mahmadpur,			
Kalamb	Mawalani		- unawareness about Nutrition & Health - Drudgery - Economical problems Less value addition in agro commodities - Loss of grains & seed during storage - Market linkages - Farmer linkages with line department	

2.8. Priority thrust areas:

Crop/Enterprise	Thrust area
Agonomy	- 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	- Management of Stem fly and girdle beetle in soybean - Management of pink bollworm in cotton - Management of root rot complex in chickpea - Management of wilt and rot complex in pigeonpea - Promotion of sericulture, Natural farming and Apiculture
Agri 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 oriented activities.
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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
12	12	119	119	12	12	602	602

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
171	171	10286	10286	195	195	16725	16725

Seed Production (Qtl.)		Planting materials (Nos.)	
5		6	
Target	Achievement	Target	Achievement
53.76	53.76	70	70

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
0	0	1021.5 liter	1021.5 liter

3.1. B. Operational areas details during 2025

S.No.	Major crops & enterprises being practiced in cluster villages	Prioritized problems in these crops/ enterprise	Extent of area (ha/No.) affected by the problem in the district	Names of Cluster Villages identified for intervention	Intervention (OFT, FLD, Training, extension activity etc.)*
1	Cotton, soybean, Redgram	Unitability of new variety, seed treatment, sowing method, unawareness about pest and disease, unawareness about fertilizer management	90 %	Kita, Mahamdpur, Mawalani	OFT, FLD, Training, filed visit, Diagnostic visit,
2	Unawareness of farm mechanization	Unitability of implements knowledge and high initial investment	80	Kita, Mahamdpur, Mawalani	OFT, FLD, Training, filed visit, Diagnostic visit,
3	Unavailability of Agri based Enterprises	Unitability of inputs like bread, knowledge and high initial investment	80	Kita, Mahamdpur, Mawalani	OFT, FLD, Training, filed visit, Diagnostic visit,
4	Working in the Field in traditional way	Drudgery in farm activities	60	Kita, Mahamdpur, Mawalani	OFT & FLDs and trainings
5	Vegetable growers	Losses of vegetables	50 percent losses of vegetables	Kita, Mahamdpur, Mawalani	OFT and trainings
6	Fruits, vegetables, cereals and pulses	No enterprises	80	Kita, Mahamdpur, Mawalani	Trainings
7	Fodder crop	Less production		Kita, Mahamdpur, Mawalani	OFT, Training
8	Improved poultry breeds	Unknown about improved poultry breeds	50	Kita, Mahamdpur, Mawalani	OFT, Training
9	Awareness regarding diseases and disorders	diseases and disorders problems	65	Kita, Mahamdpur, Mawalani	FLD, Training
10	Sweet Orange	Dieback, scarcity, INM	100	Kita, Mahamdpur, Mawalani	Training
11	Tomato	Disease infestation	18	Kita, Mahamdpur, Mawalani	Training
12	Garlic	Old local variety with less production	10	Kita, Mahamdpur, Mawalani	Training
13	Okra	Disease infestation	10	Kita, Mahamdpur, Mawalani	Training
14	Musk Melon	Insect attack in early stages	25	Kita, Mahamdpur, Mawalani	Training

* Support with problem-cause and interventions diagram

3.2. Technology Assessment (Kharif 2025, Rabi 2024-25, Summer 2025)

A1. Abstract on the number of technologies assessed in respect of crops

[illegible]

Drudgery Reduction	--	--	--	--	--	--	--	--	--	--	--
Storage Technique	--	--	--	--	--	--	--	--	--	--	--
Mushroom cultivation	--	--	--	--	--	--	--	--	--	--	--
Other (specify)	--	--	--	--	--	--	--	--	--	--	--
Total	0	01	02	01	0	0	0	0	0	0	04

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	02	0	-	-	-	02
Disease of Management	-	-	-	-	-	-
Value Addition	-	-	-	-	-	-
Production and Management	-	-	-	-	-	-
Feed and Fodder	-	-	-	-	-	-
Small Scale income generating enterprises	-	-	-	-	-	-
TOTAL	02	-	-	-	-	02

B. Achievements on technologies Assessed

B.1. Technologies Assessed under various Crops

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha (Per trial covering all the Technological Options)
Integrated Nutrient Management	-	-	-	-	-
	-	-	-	-	-
Varietal Evaluation	-	-	-	-	-
	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-
	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-
	-	-	-	-	-
Integrated Disease Management	Pigeon pea	Management of wilt complex in pigeon pea (cotton + Pigeon pea and Soybean + Pigeon pea)	8	04	1.6
	Chick pea	Management of Root rot complex in chickpea	8	8	3.2
Small Scale Income Generation Enterprises	-	-	-	-	-
	-	-	-	-	-
Weed Management	-	-	-	-	-
	-	-	-	-	-

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha (Per trial covering all the Technological Options)
Resource Conservation Technology	-	-	-	-	-
	-	-	-	-	-
Farm Machineries	Soybean	Assessment of Manual Precision Seed Planter (Rotary Dibbler)-	13	13	-
	Cotton	Assessment of CIAE Pneumatic Planter	13	13	-
Integrated Farming System	-	-	-	-	-
	-	-	-	-	-
Seed / Plant production	-	-	-	-	-
	-	-	-	-	-
Value addition	-	-	-	-	-
	-	-	-	-	-
Drudgery Reduction	-	-	-	-	-
	-	-	-	-	-
Storage Technique	-	-	-	-	-
	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-
	Mushroom	Assessment on high yielding varieties of oyster mushroom cultivation.-	12	12	-
Total	05		54	50	4.8

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	-	-	-	-
Dairy Management	-	-	-	-
Nutrition management	-	Use of Balance feeding ration in cow	13	13
	-	Supplementation of probiotic (Saccharomyces cervisiae) to Heifer	13	13
Disease management	-	-	-	-
Feed and fodder management	-	-	-	-
Processing & Value addition	-	-	-	-
Production and management	-	-	-	-
Composting fish culture	-	-	-	-
Small scale income generating enterprises	-	-	-	-
Fish production	-	-	-	-
Other	-	-	-	-

Total 8	26	26
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B.3 Technologies assessed under other enterprises

Name of Enterprises	Name of the technology assessed	No. of trials	No. of farmers
Mushroom	Assessment on high yielding varieties of oyster mushroom cultivation.	36	12
Apiary	-	-	-
Vermicompost	-	-	-
Tailoring	-	-	-
Nutrition Garden	-	-	-
Nursery Management	-	-	-
Production and Management	-	-	-
Entrepreneurship development	-	-	-
Energy conservation	-	-	-
storage techniques	Assessment of Application of custard apple seed powder packed in cotton cloth @ 15g/kg of stored pigeon pea is recommended for management of pulse beetle.	20	10
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	-	-	-
Kitchen gardening	-	-	-
nutrition security	-	-	-
other	-	-	-

C. 1. Results of Technologies Assessed Entomology

Results of On Farm Trial -I : Management of wilt complex in Pigeonpea (Cotton + Pigeonpea Cropping system)

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	Rainfed	Wilt complex infestation resulting in yield reduction	Management of wilt complex in Pigeonpea (Cotton + Pigeonpea Cropping system)	04	TO 1- : Farmers practice - No seed treatment TO 2: Seed treatment with Carboxin 37.5% + Thiram 37.5% WS @ 3 gm fb seed treatment with Trichoderma @ 4 g per kg seed TO 3: T2 + Soil application of Trichoderma 2 kg/ acre at sowing fb 30 and 60 DAS TO 4: T2 + Ridomil 0.2% spray at 30 & 60 DAS	Yield (q/ha), % wilt complex infestation		Assessed Practice (T4) recorded highest yield of Pigeonpea (9.90 q/ha) in Cotton : Pigeonpea cropping system with lowest infestation Wilt complex in Pigeonpea over farmers practice.	Cost effective disease management of Wilt complex	CIBRC Recommendation for Ridomil is required	No any CIBRC Recommended Fungicides

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (q/ha)	Net Return (Profit) in Rs. / unit	B:C Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice)		8.50	q/ha	43,000	2.72
Technology option 2	Dr. PDKV, Akola	8.85	q/ha	45,600	2.80
Technology option 3	Dr. PDKV, Akola	9.30	q/ha	48,900	2.91
Technology option 4	Dr. PDKV, Akola	9.90	q/ha	53,400	3.07

C. 2. Details of each On Farm Trial for assessment to be furnished in the following format separately as per the following details:

- Title of Technology Assessed - Management of wilt complex in Pigeonpea (Cotton + Pigeonpea Cropping system)
- Problem Definition - Wilt complex infestation resulting in yield reduction
- Details of technologies selected for assessment-TO 1- : Farmers practice - No seed treatment, TO 2: Seed treatment with Carboxin 37.5% + Thiram 37.5% WS @ 3 gm fb seed treatment with Trichoderma @ 4 g per kg seed, TO 3: T2 + Soil application of Trichoderma 2 kg/ acre at sowing fb 30 and 60 DAS, TO 4: T2 + Ridomil 0.2% spray at 30 & 60 DAS
- Source of technology- Dr PDKV, Akola
- Production system and thematic area - Cotton + Pigeonpea Cropping System, Integrated Disease Management

6. Performance of the Technology with performance indicators-Technology Option T4 recorded highest yield of Pigeonpea (9.90 q/ha) in Cotton : Pigeonpea cropping system with lowest infestation Wilt complex in Pigeonpea over farmers practice.
7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques
8. Final recommendation for micro level situation - Seed treatment with Carboxin 37.5% + Thiram 37.5% WS @ 3 gm fb seed treatment with Trichoderma @ 4 g per kg seed fb Ridomil 0.2% spray at 30 & 60 DAS is recommended
9. Constraints identified and feedback for research- No CIBRC Recommendation
10. Process of farmers participation and their reaction - Training, Demonstration and interested to accept the technology
11. Good Quality Photo in JPG (separate with proper caption)

Results of Technologies Assessed Entomology

Results of On Farm Trial -II : Management of wilt complex in Pigeonpea (Soybean + Pigeonpea Cropping system)

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	Rainfed	Wilt complex infestation resulting in yield reduction	Management of wilt complex in Pigeonpea (Soybean + Pigeonpea Cropping system)	04	TO 1- : Farmers practice - No seed treatment TO 2: Seed treatment with Carboxin 37.5% + Thiram 37.5% WS @ 3 gm fb seed treatment with Trichoderma @ 4 g per kg seed TO 3: T2 + Soil application of Trichoderma 2 kg/ acre at sowing fb 30 and 60 DAS TO 4: T2 + Ridomil 0.2% spray at 30 & 60 DAS	Yield (q/ha), % wilt complex infestation	Highest yield of Pigeonpea (10.34 q/ha) in Soybean: Pigeonpea cropping system with lowest infestation Wilt complex in Pigeonpea over farmers practice.	Assessed Practice (T4) recorded highest yield of Pigeonpea (10.34 q/ha) in Soybean: Pigeonpea cropping system with lowest infestation Wilt complex in Pigeonpea over farmers practice.	Cost effective disease management	CIBRC Recommendation for Ridomil is required	No any CIBRC Recommended Fungicides

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (q/ha)	Net Return (Profit) in Rs. / unit	B:C Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice)		8.86	q/ha	46,080	2.85
Technology option 2	Dr. PDKV, Akola	9.14	q/ha	48,120	2.92
Technology option 3	Dr. PDKV, Akola	9.98	q/ha	54,540	3.15
Technology option 4	Dr. PDKV, Akola	10.34	q/ha	57,120	3.23

C. 2. Details of each On Farm Trial for assessment to be furnished in the following format separately as per the following details:

- Title of Technology Assessed - Management of wilt complex in Pigeonpea (Soybean + Pigeonpea Cropping system)
- Problem Definition - Wilt complex infestation resulting in yield reduction
- Details of technologies selected for assessment-TO 1- : Farmers practice - No seed treatment, TO 2: Seed treatment with Carboxin 37.5% + Thiram 37.5% WS @ 3 gm fb seed treatment with Trichoderma @ 4 g per kg seed, TO 3: T2 + Soil application of Trichoderma 2 kg/ acre at sowing fb 30 and 60 DAS, TO 4: T2 + Ridomil 0.2% spray at 30 & 60 DAS
- Source of technology- Dr. PDKV, Akola

5. Production system and thematic area - Soybean + Pigeonpea Cropping System, Integrated Disease Management
6. Performance of the Technology with performance indicators-Technology Option T4 recorded highest yield of Pigeonpea (10.34 q/ha) in Soybean : Pigeonpea cropping system with lowest infestation Wilt complex in Pigeonpea over farmers practice.
7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques -
8. Final recommendation for micro level situation - Seed treatment with Carboxin 37.5% + Thiram 37.5% WS @ 3 gm fb seed treatment with Trichoderma @ 4 g per kg seed fb Ridomil 0.2% spray at 30 & 60 DAS is recommended
9. Constraints identified and feedback for research- No CIBRC Recommendation
10. Process of farmers participation and their reaction - Training, Demonstration and interested to accept the technology
11. Good Quality Photo in JPG (separate with proper caption)

Results of Technologies Assessed Entomology

Results of On Farm Trial -III : Management of root rot complex in Chickpea

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	Irrigated	Root rot complex in Chickpea	Management of root rot complex in Chickpea	8	TO 1- Farmers Practice - No seed treatment TO 2- Seed treatment with Carboxin 37.5% + Thirum 37.5% WS @ 3 gm fb Seed treatment with Trichoderma @ 10 gm per Kg seed TO 3- Seed treatment with Carboxin 37.5% + Thirum 37.5% WS @ 3 gm fb Seed treatment with Trichoderma @ 10 gm per Kg seed & soil application of Trichoderma 5 kg/ ha 10 days before sowing	q/ha, % root rot infestation	T1 - 18.85 q/ha T2 - 20.30 q/ha T3 - 21.15 q/ha	Technology Option T3 recorded highest yield (21.15 q/ha) with lowest infestation Root rot complex in Chickpea over farmers practice.	Cost effective management of Root rot Complex in Chickpea		

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)		18.85	q/ha	66,403	2.65
Technology option 2	Dr. PDKV, Akola	20.30	q/ha	75,695	2.94
Technology option 3	Dr. PDKV, Akola	21.15	q/ha	80,098	3.03

C. 2. Details of each On Farm Trial for assessment to be furnished in the following format separately as per the following details:

- Title of Technology Assessed – Management of root rot complex in Chickpea
- Problem Definition – Infestation of root rot complex in chickpea
- Details of technologies selected for assessment- TO 2- Seed treatment with Carboxin 37.5% + Thirum 37.5% WS @ 3 gm fb Trichoderma @ 10 gm per Kg seed
TO 3- Seed treatment with Carboxin 37.5% + Thirum 37.5% WS @ 3 gm fb Seed treatment with Trichoderma @ 10 gm per Kg seed & soil application of Trichoderma 5 kg/ ha 10 days before sowing
- Source of technology - Dr. PDKV, Akola
- Production system and thematic area- Irrigated, Integrated Disease Management
- Performance of the Technology with performance indicators- Technology Option T3 recorded highest yield (21.15 q/ha) with lowest infestation Root rot complex in Chickpea over farmers practice
- Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques – Cost effective management of Root rot complex

8. Final recommendation for micro level situation- Seed treatment with Carboxin 37.5% + Thirum 37.5% WS @ 3 gm fb Trichoderma @ 10 gm per Kg seed & soil application of Trichoderma 5 kg/ ha 10 days before sowing
9. Constraints identified and feedback for research – Soil application of Trichoderma is not followed which leads to soil borne diseases
10. Process of farmers participation and their reaction - Training, Demonstration and interested to accept the technology
11. Good Quality Photo in JPG (separate with proper caption)

Results of Technologies Assessed : Agricultural Engineering

Results of On Farm Trial-I : Assessment of Manual Precision Seed Planter (Rotary Dibbler)

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 71 % saving in operating cost and 0.79 % Field Capacity observed in assed technology.	1) Time saving technology 2) seed germination improves 3) increase in yield	—	—

Contd..

Technology Assessed	Source of Technology	Field capacity (ha/day)	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Cost of operation Rs./ha	B:C Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice)		0.40		2600/-	
Technology option 2 Manual Precision Seed Planter (Rotary Dibbler)	C.I.A.E. BOPAL	0.79		750/-	

C. 2. Details of each On Farm Trial for assessment to be furnished in the following format separately as per the following details:

- Title of Technology Assessed: - **Assessment of Manual Precision Seed Planter (Rotary Dibbler)**
- Problem Definition: - **Time consuming work and Unavailability of farm labour**
- Details of technologies selected for assessment: - **Manual Precision Seed Planter (Rotary Dibbler)**
- Source of technology: - **C.I.A.E. BOPAL**
- Production system and thematic area: - **Farm Mechanization**
- Performance of the Technology with performance indicators: - **Field capacity and operating cost**
- Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques **By using Manual Precision Seed Planter (Rotary Dibbler) found 71 % saving in operating cost and 0.79 ha/day Field Capacity observed in assed technology.**
- Final recommendation for micro level situation:-
- Constraints identified and feedback for research: - **The implement can be used only after the land Preparation**
- Process of farmers participation and their reaction: - **The implement was demonstrated at farmers field and given for operation in their field**
- Good Quality Photo in JPG (separate with proper caption)

Results of Technologies Assessed : Agricultural Engineering
Results of On Farm Trial-II : Assessment of CIAE Pneumatic Planter

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Cotton	Rainfed	Time consuming work and Unavailability of farm labour	Assessment of CIAE Pneumatic Planter	13	CIAE Pneumatic Planter	1) Field Capacity Ha/day 2) Cost of Operation	Field Capacity Ha/day 5.6 and	By using CIAE Pneumatic Planter in operating cost is more but the field capacity is 52 ha/day which is much more observed in assed technology.	1) Time saving technology 2) in manual dibbling the spacing is not maintained; with pneumatic planter we can precisely maintain the spacing.	—	—

Contd..

Technology Assessed	Source of Technology	Field Capacity ha/day	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Cost of operation Rs/ha	B:C Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice)		0.40	--	2400/-	--
Technology option 2 Manual Precision Seed Planter (Rotary Dibbler)	C.I.A.E. BOPAL	05.2	--	3000/-	--

C. 2. Details of each On Farm Trial for assessment to be furnished in the following format separately as per the following details:

- Title of Technology Assessed: - **Assessment of CIAE Pneumatic Planter**
- Problem Definition: - **Time consuming work and Unavailability of farm labour**
- Details of technologies selected for assessment: - **Assessment of CIAE Pneumatic Planter**
- Source of technology: - **C.I.A.E. BOPAL**
- Production system and thematic area: - **Farm Mechanization**
- Performance of the Technology with performance indicators: - **Field capacity and operating cost**
- Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques **In HDPS Cotton Project Spacing is 90X30 cm and 90X15Cm. The labour requirement is more due to close spacing. By using CIAE Pneumatic Planter in operating cost is more but the field capacity is 5.2 ha/day which is much more observed in assed technology. Also, in manual dibbling the spacing is not maintained, with pneumatic planter we can precisely maintain the spacing.**
- Final recommendation for micro level situation:-
- Constraints identified and feedback for research: - **The implement can be used only after the land Preparation**
- Process of farmers participation and their reaction: - **The implement was demonstrated at farmers field and given for operation in their field**
- Good Quality Photo in JPG (separate with proper caption)

Results of Technologies Assessed : AHDS

Results of On Farm Trial-I : Use of Balance feeding ration in cow

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 5% 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:

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

Results of Technologies Assessed : AHDS

Results of On Farm Trial-II :Supplementation of probiotic (Saccharomyces cerevisiae) to Heifer

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	-	Low immunity High incidence of scours in calves	Supplementation of probiotic (Saccharomyces cerevisiae) to Heifer	13	T2 : T1 + Probiotic @ 20 g/calf/day X 60 days	T1 : Feeding of calf with locally available feeds & fodder /whole milk T2 : T1 + Probiotic @ 20 g/calf/day X 60 days	24.66 %	Use of probiotic @ 20 gms / for 60 Days there is increase in Boday weight of Heifer	Use of probiotic in diet of heifer enhance the body weight gain	—	—

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 : Feeding of calf with locally available feeds & fodder /whole milk	12.30	--	--	1.29
Technology option 2	T2 : T1 + Probiotic @ 20 g/calf/day X 60 days	15.03	--	--	1.38
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:

- Title of Technology Assessed : Supplementation of probiotic (Saccharomyces cerevisiae) to Heifer
- Problem Definition : Low immunityHigh incidence of scours in calves
- Details of technologies selected for assessment : Supplimention of probiotic powder in diet of heifer
- Source of technology : ICAR-National Dairy Research Institute, Karnal
- Production system and thematic area : Nutrition Management
- Performance of the Technology with performance indicators : Good technology for increase body weight gain in heifer
- Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques
- Final recommendation for micro level situation : enhance the body weight gain in heifer by use of probiotic powder
- Constraints identified and feedback for research : Use of probiotic in diet of heifer enhance the body weight gain and improved digestibility
- Process of farmers participation and their reaction : Use of probiotic in diet of heifer enhance the body weight gain

Results of Technologies Assessed: Home Science

Results of On Farm Trial-I: Assessment of Application of custard apple seed powder packed in cotton cloth @ 15g/kg of stored pigeon pea is recommended for management of pulse beetle

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
To minimization grain loss during storage	-	Damage & wastage of pigeon pea during storage due to insect	Assessment of Application of custard apple seed powder packed in cotton cloth @ 15g/kg of stored pigeon pea is recommended for management of pulse beetle	10	Application of custard apple seed powder packed in cotton cloth @ 15g/kg of stored pigeon pea is recommended for management of pulse beetle.	No. of insect found % of grain damage	No of eggs/ pulse beetle insect per month Grain damage, Weight Loss of grain, Economics losses due to gain spoilage is reduced by 82.47 %, 67.39 %, 81.25% 57.14% respectively by Application of custard apple seed powder packed in cotton cloth @ 15g/kg of stored pigeon pea	Treatment T2 and T3 were found superior than T1.	Application of custard apple seed powder packed in cotton cloth @ 15g/kg of stored pigeon pea is recommended for management of pulse beetle.	Nil	Nil

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Technology options	Source of Technology	Data on Parameter 1 No of eggs/ pulse beetle insect per month	Data on Parameter 2 Grain damage %	Data on Parameter -3Weight Loss of grain %	Data on Parameter -4Economics losses due to gain spoilage
13	14	15	16	17	18
Farmers Practice (T1) Sun drying	Farmers Practice	380-390	22-24	11-13	24.5
Assessed Practice (T2) Application of custard apple seed powder packed in cotton cloth @ 15g/kg of stored pigeon pea is recommended for management of pulse beetle.	Dr. PDKV, Akola	65-70	7-8	2-2.5	10.5

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 01	:	Assessment of Application of custard apple seed powder packed in cotton cloth @ 15g/kg of stored pigeon pea is recommended for management of pulse beetle.		
2	Problem Definition	:	Damage & wastage of pigeon pea during storage due to insect		
3	Details of technologies selected for assessment	:	Application of custard apple seed powder packed in cotton cloth @ 15g/kg of stored pigeon pea is recommended for management of pulse beetle.		
4	Source of technology	:	Dr PDKV, Akola		
5	Production system and thematic area	:	To minimization grain loss during storage		
6	Performance of the Technology with performance indicators	:	Treatment	T1	T2
			No of eggs/ pulse beetle insect per month	380-390	65-70
			Grain damage %	22-24	7-8
			Weight Loss of grain %	11-13	2-2.5
			Economics losses due to gain spoilage	24.5	10.5
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. No of eggs/ pulse beetle insect per month, Grain damage, Weight Loss of grain, Economics losses due to gain spoilage is reduced by 82.47 %, 67.39 %, 81.25% 57.14% respectively by Application of custard apple seed powder packed in cotton cloth @ 15g/kg of stored pigeon pea is recommended for management of pulse beetle.		
8	Final recommendation for micro level situatio	:	Treatment T2 was found to be superior to T1. Therefore, it is recommended that this technology should be widely used by farmers for seed storage and by women to store pulses at household level.		
9	Constraints identified and feedback for research	:	Nil		
10	Process of farmers participation and their reaction	:	Farm women participated through trainings, group discussions, visits, etc.		
			Custard apple fruit are available in abundance during the season. Before the introduction of OFT on this subject, after eating the fruit, the seeds were thrown in the garbage.		
			But after. But after participating in this OFT, the participants said that instead of throwing away the seeds of these fruits, they will be used to store tur seeds or tur dal and this information will be conveyed to other women and farmers, .		
			T2 is found superior to T1. From the observation in this OFT Application of custard apple seed powder packed in cotton cloth @ 15g/kg of stored pigeon pea, it was found that, pulse beetle infestation in stored dal has been found to be reduced. Also, weight loss has also been found to be reduced. And appears to be financially beneficial.		
			- The use of substances like boric powder, mercury tablets has been discontinued as custard apple is easily available in the village during the season. - Chemicals such as boric powder & mercury tablets is totally stopped. - Drudgery of women is reduced in grain cleaning.		
11	Good Quality Photo in JPG (separate with proper caption)	:			

C. 1. Results of Technologies Assessed

Results of On Farm Trial 02

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
Mushroom cultivation	Input : 1 kg spawn of each variety	No use of high yielding varieties	Assessment on high yielding varieties of oyster mushroom cultivation.	12	T1 : local use pleurotus sojakaju	Production yield	455	Treatment T1 and T3 were found superior than T2. i.e. • T1 found superior by 18.68 % than T2. • T3 found superior by 39.14 % than T2 & • T3 found superior by 25.16 % than T2	All the three varieties are good	Nil	Nil
						Duration /No of days	42				
					T2 : Pleurotus Florida	Production yield/	370				
						Duration /No of days	42				
					T3 : Pleurotus Ostreatus	Production yield/	608				
						Duration /No of days	42				

Contd..

Technology options	Source of Technology	Data on Parameter 1 Production / kg of spawn	Data on Parameter 2 Duration	Net Return Profit in Rs/ Unit	BC ratio
13	14	15	16	17	18
Farmers Practice (T1) pleurotus sojakaju	DMR , Solan	455	42	1870	2.25
Assessed Practice (T2) Pleurotus Florida	DMR , Solan	370	42	1217	1.81
Assessed Practice (T3) Pleurotus Ostreatus	DMR , Solan	608	42	2956	2.97

1	Title of Technology Assessed 02	:	Assessment on high yielding varieties of oyster mushroom cultivation.		
2	Problem Definition	:	No use of high yielding varieties		
3	Details of technologies selected for assessment	:	T1 : local use pleurotus sojarkaju T2 : Pleurotus Florida T3 : Pleurotus Ostreatus		
4	Source of technology	:	DMR Slan 2010 DMR Slan 2016		
5	Production system and thematic area	:	Mushroom Production		
6	Performance of the Technology with performance indicators	:	Treatment	Production	Duration
			T1 : local use Pleurotus Sojarkaju	46.5 kg/bag	42-90
			T2 : Pleurotus Florida	37.5 kg/bag	42-90
			T3 : Pleurotus Ostreatus	61.5 kg/bag	42-90
7	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	:	Treatment T1 and T3 were found superior than T2. i.e. T1 found superior by 18.68 % than T2. T3 found superior by 39.14 % than T1 & T3 found superior by 25.16 % than T2. Therefore, it is recommended that Pleurotus Ostreatus varieties of oyster mushroom should be widely used by farmers during cultivation along with pleurotus sojarkaju.		
8	Final recommendation for micro level situatio	:	Nil		
9	Constraints identified and feedback for research	:	Nil		
10	Process of farmers participation and their reaction	:	Farmer participated through trainings, group discussions, visits, etc. . Before the introduction of OFT on this subject,most of the farmers were using Pleurotus Sojarkaju But after participating in this OFT, the participants said that they can cultivate Pleurotus Ostreatus		
11	Good Quality Photo in JPG (separate with proper caption)	:	Nil		

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 2025 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	Cotton	Integrated Pest Management	Six releases of <i>Trichogrammatoidea bactrae</i> @ 1 lakh eggs/ hectare at an interval of 10 days, starting from 55 days of crop germination.	Popularized technology to 15.6 ha	01	39	15.6
2	Soybean	Integrated Pest Management	1) Seed treatment with Thiamethoxam 30% FS @ 10 ml/kg of seed. 2) Removal of infested leaves, dried branches in initial stages. 3) 5% NSKE spray in early stages before flowering. 4) ETL based spraying of Thiamethoxam 12.6% + Lamda cyhalothrin 9.5% @ 2.5 ml per 10 litre water	Popularized technology to 50 ha area	03	125	50 ha
3	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	--	02	250	100 ha

B. Details of FLDs implemented during 2025 (**Kharif 2025, Rabi 2024-25, Summer 2025**) (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 2025	100	100			250	
2	Cotton	IPM	Six releases of <i>Trichogrammatoidea bactrae</i> @ 1 lakh eggs/ hectare at an interval of 10 days, starting from 55 days of crop germination.	Kharif-2025	5.2 ha	5.2 ha	2	11	13	
3	Soybean	IPM	1) Seed treatment with Thiamethoxam 30% FS @ 10 ml/kg of seed. 2) Removal of infested leaves, dried branches in initial stages. 3) 5% NSKE spray in early stages before flowering. 4) ETL based spraying of Thiamethoxam 12.6% + Lamda cyhalothrin 9.5% @ 2.5 ml per 10 litre water	Kharif-2025	5.2 ha	5.2 ha	3	10	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	Rainfed	Black cotton soil				Soybean	17.06.2025	02.10.2025		
Soybean	Kharif	Rainfed	Medium soil				Cotton	07.06.2025	05.01.2026		

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Release of Trichogrammatoidea bactrae is found effective in the management of pink bollworm in cotton
2	IPM module is found effective in the management of Stem fly and girdle beetle in soybean

Farmers' reactions on specific technologies

S. No	Feed Back
1	Cost effective management of Pink bollworm in cotton
2	Cost effective management of stem fly and girdle beetle in soybean

Extension and Training activities under FLD

Sl. No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	2			
2	Farmers Training	4			
3	Media coverage				
4	Training for extension functionaries	1			

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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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)	250	100	21.06	13.61	17.31	14.78	17.14	33790	92243	58453	2.73	34920	78752	43832	2.26
TSP	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)	50	20	18.87	13.74	16.20	13.84	17.07	34020	86332	52312	2.54	35840	73754	37914	2.06
Soybean	IPM	1) Seed treatment with Thiamethoxam 30% FS @ 10 ml/kg of seed. 2) Removal of infested leaves, dried branches in initial stages. 3) 5% NSKE spray in early stages before flowering. 4) ETL based spraying of Thiamethoxam 12.6% + Lamda cyhalothrin 9.5% @ 2.5 ml per 10 litre water	PDKV AMBA	13	5.2	20.4	17.5	18.1	16.20	11.72	40700	96437	55737	2.37	42210	86314	44104	2.04
Castor	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Frontline demonstration on pulse crops

[illegible]

FLD on Other crops

[illegible]

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	Six releases of <i>Trichogrammatoidea bactrae</i> @ 1 lakh eggs/ hectare at an interval of 10 days, starting from 55 days of crop	13	5.2	18.05	21.5	20.4	17.8	14.60%	5.25	12.7	59,500	157284	97784	2.64	62900	137238	74384	2.18

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)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

[illegible]

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

FLD on 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
Household family Nutrition Security by nutrition gardening	Farming system for nutrition approach model	50	Yield (Kg)- supply of vegetables, fruits, etc from KG in the year	2.450	0.700
			Nutritional status & Random Blood sugar Hb (gm)	12.4	9.5
			Random Blood sugar	110	158
Value addition	Heat treatment in improving the shelf life of pearl millet flour(Bajara)	23	Shelf life of pearl millet flour	Increase the shelf life of pearl mille/ bajra flour for 31-40 days	8 to 10 days
			Taste, color and aroma of the flour	Improvement in taste, aroma & colour than T1. Also, the flour does not become bitter and does not smell. For 31 – 40 days	Flour turns bitter & rancid ity occur after 7 – 8 days

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	Seed saves	Total
BBF Planter	Soybean	Use of BBF Planter for Sowing of soybean	15	06	Yield	18.00	13.75	30.90	--	--	--	--	--	--	20	--
Drone	All	Drone for spraying	15	06	Time	0.30	5.00	156	--	--	--	--		4	--	--

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	Nutritional Status Hb gm		% change in Hb	Household size (number)		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demonstration	Check*		Demonstration	Check*		Demo	Check	Gross Cost	Gross Return/ Savings*	Net Return	BCR (R/C)	Gross Cost	Gross Return/ Savings*	Net Return	BCR (R/C)
Vegetable Seed	Household family Nutrition Security by Nutrition Gardening	1-2 R	15	15	210	22	89.52	12.0	9.0	25	6-8	6-8	1600	6450	4850	4.03	250	550	300	2.2

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

FLD on Demonstration details on crop hybrids

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

Note: Remove the Enterprises/crops which have not been shown

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

Farmers' Training including sponsored training programmes (on campus)

[illegible]

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
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
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
IV Livestock Production and Management								0	0	0
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	1	10	15	26	11	17	28	21	32	53
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	1	18	30	49	0	12	12	18	42	60
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	2	28	45	75	11	29	40	39	74	113
VI Agril. Engineering								0	0	0
Farm Machinery and its maintenance	2	22	74	96	10	53	63	32	127	159
Installation and maintenance of micro irrigation systems	1	40	20	60	10	12	22	50	32	82
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	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	3	62	94	156	20	65	85	82	159	241
VII Plant Protection								0	0	0
Integrated Pest Management	12	499	46	545	100	15	115	599	61	660
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0
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)	6	434	21	455	98	7	105	532	28	560
Total	18	933	67	1000	198	22	220	1131	89	1220
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

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
II Horticulture	0	0	0	0	0	0	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)	1	20	10	30	5	5	10	25	15	40
Total (a)	1	20	10	30	5	5	10	25	15	40
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	2	70	20	90	5	5	10	75	25	100
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)	2	70	20	90	5	5	10	75	25	100
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

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
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 and nutrition gardening	5	16	65	81	13	34	47	29	99	128
Design and development of low/minimum cost diet	3	2	68	70	0	8	8	2	76	78
Designing and development for high nutrient efficiency diet	1	0	13	13	0	11	11	0	24	24
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0
Processing and cooking	1	0	11	11	0	12	12	0	23	23
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	3	13	34	47	0	13	13	13	47	60
Value addition	0	0	0	0	0	0	0	0	0	0
Women empowerment	2	44	46	90	20	102	122	64	148	212
Location specific drudgery reduction technologies	1	1	0	1	0	8	8	1	8	9
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Women and child care	3	27	63	90	5	22	27	32	85	117
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	19	103	300	403	38	210	248	141	510	651
VI Agril. Engineering				0			0	0	0	0
Farm Machinery and its maintenance	24	518	276	794	196	106	302	714	382	1096
Installation and maintenance of micro irrigation systems	1	120	33	153	30	5	35	150	38	188
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	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	5	171	35	206	23	15	38	194	50	244
Total	30	809	344	1153	249	126	375	1058	470	1528
VII Plant Protection				0				0	0	0
Integrated Pest Management	41	1613	882	2495	677	199	876	2290	1081	3371
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0
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	41	1613	882	2495	677	199	876	2290	1081	3371
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

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (b)	4	140	40	180	10	10	20	150	50	200
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	0	0	0	0	0	0
Household food security by kitchen gardening and nutrition gardening	6	26	80	106	24	51	75	50	131	181
Design and development of low/minimum cost diet	3	2	68	70	0	8	8	2	76	78
Designing and development for high nutrient efficiency diet	1	0	13	13	0	11	11	0	24	24
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0
Processing and cooking	1	0	11	11	0	12	12	0	23	23
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	3	13	34	47	0	13	13	13	47	60
Value addition	0	0	0	0	0	0	0	0	0	0
Women empowerment	3	62	76	138	20	114	134	82	190	272
Location specific drudgery reduction	1	1	0	1	0	8	8	1	8	9

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
technologies										
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Women and child care	3	27	63	90	5	22	27	32	85	117
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	21	131	345	476	49	239	288	180	584	764
VI Agril. Engineering	0	0	0	0	0	0	0	0	0	0
Farm Machinery and its maintenance	26	540	350	890	206	159	365	746	509	1255
Installation and maintenance of micro irrigation systems	2	160	53	213	40	17	57	200	70	270
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	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	5	171	35	206	23	15	38	194	50	244
Total	33	871	438	1309	269	191	460	1140	629	1769
VII Plant Protection	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	53	2112	928	3040	777	214	991	2889	1142	4031
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0
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)	6	434	21	455	98	7	105	532	28	560
Total	59	2546	949	3495	875	221	1096	3421	1170	4591
VIII Fisheries	0	0	0	0	0	0	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	0
Leadership development	0	0	0	0	0	0	0	0	0	0
Group dynamics	5	55	8	63	15	4	19	70	12	82
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	21	1021	351	1372	271	99	370	1292	450	1742
Entrepreneurial development of farmers/youths	5	71	33	104	23	11	34	94	44	138
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	5	160	70	230	48	16	64	208	86	294
Total	36	1307	462	1769	357	130	487	1664	592	2256
XI Agro-forestrv	0	0	0	0	0	0	0	0	0	0

Area of training	No. of Courses	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
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	2	20	9	29	5	2	7	25	11	36

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	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0
Household food security	1	1	33	34	0	57	57	1	90	91
Any other (pl.specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	1	1	33	34	0	57	57	1	90	91

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

Area of training	No. of Courses	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	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	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	1	0	5	5	0	20	20	0	25	25
TOTAL	1	0	5	5	0	20	20	0	25	25

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

Area of training	No. of Course s	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		Mal e	Femal e	Tota l	Mal e	Femal e	Tota l	Mal e	Femal e	Tota l
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	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0
Household food security	1	1	33	34	0	57	57	1	90	91
Any other (pl.specify)	1	0	5	5	0	20	20	0	25	25
TOTAL	2	12	0	12	4	0	4	1	115	116

Sponsored training programmes

[illegible]

Area of training	No. of Courses	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
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 than 4 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, dyeing 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)	26	11309	0	11309
Diagnostic visits	26	326	16	342
Field Day	12	561	97	658
Group discussions	05	130	25	155
Kisan Ghosthi	0	0	0	0

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Film Show	02	44	0	44
Self -help groups	04	72	16	88
Kisan Mela	02	460	08	468
Exhibition	02	1500	25	1525
Scientists' visit to farmers field	70	202	09	211
Plant/animal health camps	02	215	06	221
Farm Science Club	0	0	0	0
Ex-trainees Sammelan	0	0	0	0
Farmers' seminar/workshop	02	36	0	36
Method Demonstrations	11	423	32	455
Celebration of important days	02	180	30	210
Special day celebration	11	458	95	553
Exposure visits	15	297	09	306
Others (pl.specify)	03	53	91	144
Total	195	16266	459	16725

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

Details of other extension programmes:

Particulars	Number
Electronic Media (CD./DVD)	0
Extension Literature	0
Newspaper coverage	16
Popular articles	43
Radio Talks	13
TV Talks	3
Animal health camps (Number of animals treated)	615
Social Media (No. of platforms Used)	4
Others (pl. specify)	0
Total	694

3.6 Online activities during year 2025

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				
1	Training	Zoom	on management of Dairy calf	01	96
2	Training	Webex	Winter management of Buffaloes	01	107
	Total			02	203
B	Farmers scientist's interaction programme	0	0	0	0
C	Farmers seminars	0	0	0	0

	Total	0	0	0	0
D	Expert lectures	0	0	0	0
	Total	0	0	0	0
E	Any other (Pl. specify)	0	0	0	0
	Total	0	0	0	0
	Grand Total (A+B+C+D+E)			02	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	Soybean	PDKV Amba	Br	53.76	285495	12
Pulses	00	00	00	00	00	00
Commercial crops	00	00	00	00	00	00
Vegetables	Ambat Chuka	Local	-	1 kg	650	-
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
Total				53.76	285495	12

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 (Azolla)	azolla	Azolla pinnata	-	70	7000	44
Total	00	00	00	70	7000	44

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity	Value (Rs.)	No. of Farmers
		Kg/Lit		
Bio Fertilizers	Bio fertilizers	1021.5	204300	500
	Micronutrients	0	0	0
	Equipments	0	0	0
	Krusha Sanwadini	830	124500	0
Bio-fungicide		0	0	0
Bio Agents		0	0	0
Others		0	0	0
Total		1851.5	328800	500

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	-	-	-	-	-	-	-
Cows	-	-	-	-	-	-	-
Buffaloes	-	-	-	-	-	-	-
Calves	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Poultry	-	-	-	-	-	-	-
Broilers	-	-	-	-	-	-	-
Layers	-	-	-	-	-	-	-
Duals (broiler and layer)	-	-	-	-	-	-	-
Japanese Quail	-	-	-	-	-	-	-
Turkey	-	-	-	-	-	-	-
Emu	-	-	-	-	-	-	-
Ducks	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-
Piglet	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-
Fisheries	-	-	-	-	-	-	-
Indian carp	-	-	-	-	-	-	-
Exotic carp	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-
Total							

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

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

B. Literature developed/published

Item	Citation/ Title	Authors name	Number
Research papers (Give Citation)			
Technical reports			
News letters			
Technical bulletins			
Popular articles	1. Vividh Pikawaril Humani Aleecha Bandobast 2. Jwari Pikatil Kidincha Asa Kara Bandobast 3. Sadya Paristhitinurup Tur Pikache Vyavsthapan 4. Unhali Mug Pik Lagwad Tantradnyan ani Ekatmik Kid Rog Vyavsthapan 5. Bhuimung Pikatil Kidinvar Upay Yojana	Dr. P. N. Magar, Dr. D.B. Kachave	5
Extension literature	1. Kapus pikawaril gulabi bond alee: Jivankram, Olakh, Lakshane ani vyavsthapan 2. Gulabi Bond alee vyavsthapanasathi Milan Vyatyay Tantradnyan	Dr. P. N. Magar, Dr. D.B. Kachave Pranali Ghadge Vaishnav Gawande	2
Others (Pl. specify)			
TOTAL			

C. Details of Electronic Media Produced

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

D. Details of Social Media Platforms Created / Used

S. No.	Type of social media platform	No of events (uploaded video/post/story etc.	Title of social media	Number of Followers/ Subscribers
1	YouTube Channel (no of video uploaded)	87	Youtube Chanel KVK Yavatmal	5986
2	Facebook page/ Account (no of Post)	455	KVK Yavatmal	35000
3	Mobile Apps	0	0	0
4	WhatsApp groups	25	KVK	4500
5	Twitter Account	13	KVK	31
6	Any other (QR Code)	50	KVK	--

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).

From Traditional Farming to Value Addition: A Farmer's Journey of Prosperity

Name of Farmer: Arvind Kale

Village: Mahamadpur, District Yavatmal

Age: 44 Years

Education: 12th Pass



Introduction

Enhancing farmers' income through value addition is a key pathway for sustainable agriculture. In Mahamadpur village of Yavatmal district, a remarkable initiative has demonstrated how processing and value addition can significantly improve farm profitability. Under this model, a Dal Mill unit was established in 2025 to process Tur (pigeon pea) into dal, thereby strengthening the production-to-market chain.

Situation Before Intervention

Before the intervention, farmers used to sell raw Tur in the market at lower prices. This resulted in:

- Limited income realization
- Dependence on middlemen
- Lack of value addition opportunities

Intervention and Activities

With the introduction of the Dal Mill:

- Farmers collectively procured 16 quintals of Tur at ₹7,500 per quintal (Total: ₹1,20,000).
- The produce was processed into 11 quintals of dal.
- The processed dal was sold at ₹130 per kg, generating ₹1,43,000 income

Impact

- Approximately 33% increase in farmers' income
- Creation of local employment opportunities
- Improved confidence in agri-based entrepreneurship
- Strengthened value chain and market linkage.

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 1111 acre .in Area of Yavatmal, Babhulgaon Kalamb, Ralegaon, Ner,Arni, Dharwa ,Digras of Yavatmal Distirt

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

A. Practicing Farmers

- Entrepreneur develop through Subsidiary business (goat,Poultry, 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
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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

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

NB The nature of linkage should be indicated in terms of joint diagnostic survey, joint implementation, participation in meeting, contribution received for infrastructural development, conducting training programmes and demonstration or any other

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.)
CFLD Oilseed	June 2025	ATARI Pune	7,08,500
TSP	June 2025	ATARI Pune	3,35,000
Special Project on Cotton under NFSM (HDPS)	June 2025	CICR Nagpur	34,39,000
CROPSAP	October 2025	State Government	40,000
Natural Farming	March 2025	State Government	10,00,000
Natural / Organic Farming PDNSM	January 2025	State Government	2,59,488
Insecticide Resistance Managementet : Disseminatio of pink bollworm management strategies	September 2025	CICR Nagpur	7,25,276

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	12	2	15	42
02	Research projects	0	0	0	0
03	Training programmes	00	-	00	60
04	Demonstrations	0	0	0	0
05	Extension Programmes				
	KisanMela	0	0	0	0
	Technology Week	0	0	0	0
	Exposure visit	0	0	0	0
	Exhibition	0	0	0	0
	Soil health camps	0	0	0	0
	Animal Health Campaigns	0	0	0	0
	Others (Pl. specify)	0	0	0	0
06	Publications	0	0	0	0
	Video Films	0	0	0	0

	Books	0	0	0	0
	Book chapter	0	0	0	0
		0	0	0	0
	Extension Literature	0	0	0	0
	Pamphlets	0	0	0	0
	Others (Pl. specify)	0	0	0	0
07	Other Activities (Pl.specify)	0	0	0	0
	Watershed approach	0	0	0	0
	Integrated Farm Development	0	0	0	0
	Agri-preneurs development	0	0	0	0

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 (Skill development/RPL)

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

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

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

H. Details of linkage with NFSM

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

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

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

7. Convergence with other agencies and departments:

8. Innovative Farmers Meet

Sl.No.	Particulars	Details
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 Week of Month KVK organize Farmer Scientist Forum Meeting at Farmer Filed on current Topic discussed by member of Forum. During Last Year organize 27 Meeting & Participated by Above 1443 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:

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

11. Technology Week celebration during 2025: 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	06	198	Lumpy skin disease awareness in farmers
Exhibition	--	--	--
Film show	--	--	--
Fair	--	--	--
Farm Visit	--	--	--
Diagnostic Practical's	02	22	Regarding vaccination and deworming
Supply of Literature (No.)	--	--	--
Supply of Seed (q)	--	--	--
Supply of Planting materials (No.)	--	--	--
Bio Product supply (Kg)	--	--	--
Bio Fertilizers (q)	--	--	--
Supply of fingerlings	--	--	--
Supply of Livestock specimen (No.)	--	--	--
Total number of farmers visited the technology week	--	--	--

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	0	0
Pulses	0	0
Cereals	0	0
Vegetable crops	0	0
Tuber crops	0	0
Total	0	0

C. Farmers-scientists interaction on livestock management

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

D. Animal health camps organized

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

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

State	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
Maharastra	Soybean	53.76	7 ha	--
Total				

F. Large scale adoption of resource conservation technologies

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

G. Awareness campaign

State	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers
Maharashtra	00	00	00	00	0	0	0	0	0	0	0	0

13. IMPACT

A. Impact of Demonstration

1. Impact of Pigeon pea (PKV-Tara) Grower for year 2018 under Cluster Front Line Demonstration

Specific Objectives:

- To study the Profile of beneficiaries farmers .
- To study the impact of Pigeon Pea Crop (PKV- Tara) front line demonstration beneficiaries farmers.
- To study the impact of front line demonstration on Knowledge, Adoption of beneficiaries farmers

METHODOLOGY

Locale of study

Present study was conducted in the villages Pimpalkuta, ,Rani amrawati (Babhulgaon) ,Shivni,(Yavatmal) Borgaon (Arni) of Yavatmal district where Front Line demonstration on Pigeon pea crop were organized by Krishi Vigyan Kendra, Yavatmal of the Vidarbha region of the Maharashtra State.

Research design

Ex-post facto research design was used for the study. The data was collected from the farmers before and after the front line demonstrations

Selection of taluka and villages

For the present study farmer selected purposively where the front line demonstration on Pigeon pea were conducted. KVK, Yavatmal had been conducted 50 demonstration on Pigeon pea

Selection of respondents

KVK, Yavatmal has conducted 50 demonstration on 20.00 ha.Area in year 2018 with ICM in Pigeon Pea (PKV-Tara).details as below:

Sn	Name of Village	Tahasil	No's of farmer/Village
1	Pimpalkuta	Babhulgaon	10
2	Rani-Amrawati	Bhabhulgaon	18
3	Shivni	Yavatmal	10
4	Borgaon	Arni	12

Selection of respondents

A list of farmers in selected villages was obtained where the front line demonstration onPigeon pea were conducted. KVK, Yavatmal

Finding of FLD on Pigeon pea(PKV-Tara) Grower

Village Wise Distribution of Farmer

Sn	Name of Village	Tahasil	No's of farmer/Village
1	Pimpalkuta	Babhulgaon	10
2	Rani-Amrawati		18
3	Shivni	Yavatmal	10
4	Borgaon	Arni	12

A. Independent Variables:

A.1.Age :

Table : 1 Distribution of Respondent According to their Age

SN	Category	Age Range	Respondent =50	
			Frequency	Percentage
1	Young	Up to 35 Yr	15	30.00
2	Middle	36-50 Yr	21	42.00
3	Old	51 & above	14	28.00
			50	100.00

It is observed that 42 .percent of Pigeon pea grower belong to Middle age group followed by young 30 percent young & 28 percent age of old group .

A.2.Education

Table : 2 Distribution of Respondent According to their Education

SN	Education Level	Standard	Respondent =50	
			Frequency	Percentage
1	Illiterate	No Schooling	04	8.00
2	Primary School	1-4 Std	10	20.00
3	Middle School	5-7 Std	08	16.00
4	High School	7-10 Std	15	30.00
5	College	11th&above	13	26.00
			50	100.00

from the table high school education qualification 30.00 percent is observed ,26 percent of college level were as 20.00 percent from primary school education having 16.00 percent ,middle school & illiterate as 08.00 percent.

A.3. Land holding

Table : 3 Distribution of Respondent According to Land Holding

SN	Category	Land Holding (Ha)	Respondent =50	
			Frequency	Percentage
1	Marginal	Up to 1 .00	08	16.00
2	Small	1.01-2.00	13	24.00
3	Semi-Medium	2.01-4.00	15	30.00
4	Medium	4.01-10	10	20.00
5	Large	Above 10	04	08.00
			50	100.00

As regard land holding of the respondent 30.00 percent were semi medium land holding farmer 24.00 percent Small and 20.00 percent of medium land holding farmer ,16.00 percent of Marginal farmer ,08.00 percent of large farmer .

A.4.irrigation Availability

Table : 4 Distribution of Respondent According to irrigation Availability

SN	Irrigation Availability	Respondent =50	
		Frequency	Percentage
1	No Irrigation	02	04.00
2	Seasonal Irrigation	29	58.00
3	Permanent Irrigation	19	38.00
		50	100.00

It is observed that from the table irrigation availability 58.00 percent of seasonal irrigation followed were as 38.00 percent of permanent irrigation , 04.00 percent of No irrigation availability

A.5.Farming Experience :

Table : 5 Distribution of Respondent According to Farming Experience

SN	Category	Experience in Year	Respondent =50	
			Frequency	Percentage
1	Low	Up to 5 year	10	20.00
2	Medium	6 to 10 year	24	48.00
3	High	Above 10 Year	16	32.00
			50	100.00

According to farming experience observed that 48.00 percent of medium farming experience 32.00 percent of high farming experience and 20.00 percent low farming experience.

A.6. Annual income :

Table : 6 Distribution of Respondent According Annual Income

SN	Category	Annual Income in Rs/-	Respondent =50	
			Frequency	Percentage
1	Marginal	Upto 50000/-	03	06.00
2	Small	50,0001/- -1,00,000/-	07	14.00
3	Medium	-1,00,000/-to-1,50,000/-/-	11	22.00
4	High	1,50,001/-/- to2,00,000/-	17	34.00
5	Very high	Above 2,00,000/-	12	24.00
			50	100.00

From the above table indicate that 24.00 percent of respondent had very high (Above Rs. -2,00,000/-) However 34.00 percent had high income (1,50,001-2,00,000) while 22.00 percent of medium annual income, 14.00 percent of small annual income and 06.00 percent of small income.

A.7.Extension Participation

Table : 6 Distribution of Respondent According Extension Participation

SN	Extension Participation	Respondent =50	
		Frequency	Percentage
1	Low	11	22.00
2	Medium	16	32.00
3	High	23	46.00
		50	100.00

It is observed that from above table 46.00 percent were having high extension participation followed by medium level of participation ie. 32.00 percent and 22.00 percent of the farmer were having low extension participation

A.8.Scientific Orientation:

Table : 8 Distribution of Respondent According Extension Participation

SN	Category	Respondent =50	
		Frequency	Percentage
1	Low	07	14.00
2	Medium	27	54.00
3	High	16	32.00
		50	100.00

It is mentioned that 54.00 percent were having medium scientific orientation followed by high scientific orientation (32.00 percent) and 14.00 percent of low scientific orientation

A.9.Economic Motivation :

Table : 9 Distribution of Respondent According Economics Motivation

SN	Category	Respondent =50	
		Frequency	Percentage
1	Low	09	18.00
2	Medium	25	50.00
3	High	16	32.00
		50	100.00

According to economic motivation observed that 50.00 percent of medium economic motivation 18.00 percent of Low economic motivation and 32.00 percent high economic motivation

Intervening Variable:

1.Client Understanding:

Table : 10 Distribution of Respondent According Client Understanding

SN	Category	Respondent =50	
		Frequency	Percentage
1	Low	12	24.00
2	Medium	28	56.00
3	High	10	20.00
		50	100.00

It is mentioned that 56.00 percent were having medium .Client Understanding followed by low .Client Understanding (24.00 percent) and 20.00 percent of high Client Understanding

2.Client Satisfaction: -

SN	Category	Respondent =50	
		Frequency	Percentage
1	Low	12	24.00
2	Medium	24	46.00
3	High	14	28.00
		50	100.00

It is mentioned that 44.00 percent were having medium .Client Understanding followed by low .Client Understanding (34.00 percent) and 22.00 percent of low .Client Understanding

B) Dependent Variables :-

Impact :-

I. Impact of front line demonstration on yield and economic parameter

Impact analysis of FLD on yield and economic parameters will be study. For this purpose production and economic data will be collect and analyze. The technology gap and technology index has been calculated with the help of following formula as given by Samui .et.ai. (2000).

Technology gap = Potential yield – Demonstration Yield.
(market price 5675/qt)
Attitude:

$$\text{Technology Gap} = \frac{\text{Potential yield} - \text{Demonstration Yield}}{\text{Potential yield}} \times 100$$

Crop	Cost of cultivation (Rs.hs-1)		GMR (Rs.hs-1)		NMR (Rs.hs-1)		B:C Ratio	
	FLD	Local	FLD	Local	FLD	Local	FLD	Local
Pigeon pea	23834	22650	52777	42562	28943	20,002	2.21	1.88
Additional in demo	1184		10215		8941			

Operationally attitude is the favorable or unfavorable way or reaction of FLD Farmer. Towards demonstration. Schedule will be develop to measure the attitude of farmers . In the test ninth statements will be quantified with the continuum agree, undecided and disagree by assigning score of 2,1,and 0 respectively. Attitude index will be calculated with the help of formula as used for knowledge index the attitude has been categorized with the help of mean and standard deviation.

Adoption :

“Adoption is a decision to make full use of an innovation as the best course of action available.” Practice wise score will be count for every adopted practice. Adoption index will be calculate as same as knowledge index calculate .Adoption categories will be with the help of mean and standard deviation.

Following are identified Change in Knowledge, attitude and Adoption of Pigeon Pea(PKV-Tara) grower towards the technology.

Sr. No.	Variables	Index Level	Before FLD		After FLD	
			Frequency (N=50)	%	Frequency	%
1	Knowledge	Low	28	56.00	08	16.00
		Medium	12	24.00	12	24.00
		High	10	20.00	30	60.00
2	Attitude	Unfavorable	32	64.00	05	10.00
		Favorable	12	24.00	35	70.00
		Most Favorable	06	12.00	10	20.00
3	Adoption	Low	21	42.00	05	12.00
		Medium	17	34.00	08	32.00
		High	12	24.00	37	74.00

Towards of technology of farmer's Knowledge was before Low index level found (56.00 Percent) found after the intervention of FLD farmer's increase in Knowledge up to High Index level (60.00Percent)

Attitude of farmer towards technology was before found unfavorable (64.00 Percent) after the intervention of FLD farmer's towards technology found favorable (70.00 Percent) attitude.

Adoption towards technology of farmer before was low adoption (42.00 Percent) after the intervention of FLD farmer's toward technology found high adoption (74.00Percent).

2. Impact of FLD on Chick PeaCrop (PDKV-Kanak) Under TSP Project.

Cluster Front Line Demonstration (CFLDs) are playing important role to popular the improved technologies by the demonstrating on farmers field in their farming situation. For year 2023 Krishi Vigyan Kendra Yavatmal was organized 50 FLD demonstration of ICM in Chikpea Pea (PDKV-Kanak) Crop on 20 ha, Area of Yavatmal district.

.Objectives

- To study the Profile of beneficiaries farmers .
- To study the impact of Chick Pea Crop (PDKV-Kanak) front line demonstration beneficiaries farmers.
- To study the impact of front line demonstration on Knowledge, Adoption of beneficiaries farmers

Project Profile

Schedule will be prepared & primary data will be collect to study Impact of Front Line Demonstration on Chick Pea Crop (PDKV-Kanak) in Yavatmal district.

METHODLOGY

Local of Study: Present study conducted in the following villages of Yavatmal district where Front Line Demonstration on Chick Pea Crop (PDKV-Kanak)

Year	No's of Demonstration	Village	Thasil
Rabi Season 2023	11	Mahamadpur	Babhulgaon
	25	Titwi	Ghatanji
	02	Waghdhara	Maregaon

	03	Gugaldhara	
	09	Shivnala	

Research Design :

Ex-post facto research design& Diagnostic research method will be use for the study. The data is Collect from the farmers before and after the front line demonstrations

Selection of respondents

A list of farmers in selected villages was obtained where the front line demonstration on Chickpea demonstration were conducted .KVK, Yavatmal .

Finding of FLD on Chickpea (PDKV-Kanak) Grower

Village Wise Distribution of Farmer

Year	No's of Demonstration	Village	Thasil
Rabi Season 2023	11	Mahamadpur	Babhulgaon
	25	Titwi	Ghatanji
	02	Waghdhara	Maregaon
	03	Gugaldhara	
	09	Shivnala	

A. Independent Variables:

A.1.Age:

Table : 1 Distribution of Respondent According to their Age

Sr. No.	Category	Age Range	Respondent =50	
			Frequency	Percentage
1	Young	Up to 35 Yr	18	36.00
2	Middle	36-50 Yr	22	44.00
3	Old	51 & above	10	20.00
			50	100.00

It is observed that 44 .percent of Chickpea grower belong to Middle age group followed by young 36 percent young & 20 percent age of old group .

A.2.Education

Table : 2 Distribution of Respondent According to their Education

Sr. No.	Education Level	Standard	Respondent =50	
			Frequency	Percentage
1	Illiterate	No Schooling	05	10.00
2	Primary School	1-4 Std	09	18.00
3	Middle School	5-7 Std	10	20.00
4	High School	7-10 Std	19	38.00
5	College	11th&above	07	14.00
			50	100.00

from the table high school education qualification 38.00 percent is observed ,20 percent of middle school level were as 18.00 percent ,primary school education, college level 14.00 percent & illiterate as 10.00 percent

A.3. Land holding

Table : 3 Distribution of Respondent According to Land Holding

Sr. No.	Category	Land Holding (Ha)	Respondent =50	
			Frequency	Percentage
1	Marginal	Up to 1 .00	12	24.00
2	Small	1.01-2.00	15	30.00
3	Semi-Medium	2.01-4.00	11	22.00
4	Medium	4.01-10	09	18.00
5	Large	Above 10	03	06.00
			50	100.00

As regard land holding of the respondent 30.00 percent were small land holding farmer 24.00 percent from marginal 22.00 percent of semi medium land holding farmer 18.00 percent of Medium land holding farmer 06.00 percent of large land holding farmer.

A.4.irrigation Availability

Table: 4 Distribution of Respondent According to irrigation Availability

Sr. No.	Irrigation Availability	Respondent =50	
		Frequency	Percentage
1	No Irrigation	09	18.00
2	Seasonal Irrigation	18	36.00
3	Permanent Irrigation	23	46.00
		50	100.00

It is observed that from the table irrigation Availability 46.00 percent of permanent irrigation followed were as 36.00 percent of seasonal irrigation, 18.00 percent of No irrigation availability

A.5.Farming Experience:

Table: 5 Distribution of Respondent According to Farming Experience

SN	Category	Experience in Year	Respondent =50	
			Frequency	Percentage
1	Low	Up to 5 year	09	18.00
2	Medium	6 to 10 year	25	50.00
3	High	Above 10 Year	16	32.00
			50	100.00

According to farming experience observed that 50.00 percent of medium farming experience 32.00 percent of high farming experience and 18.00 percent low farming experience.

A.6. Annual income:

Table: 6 Distribution of Respondent According Annual Income

Sr. No.	Category	Annual Income in Rs/-	Respondent =50	
			Frequency	Percentage
1	Marginal	Upto 5000/-	09	18.00
2	Small	50,0001/- -1,00,000/-	05	10.00
3	Medium	-1,00,000/-to-1,50,000/-/-	06	12.00
4	High	1,50,001/-/- to2,00,000/-	16	32.00
5	Very high	Above 2,00,000/-	14	28.00
			50	100.00

From the table indicate that 32.00 percent of respondent had very high (1,50,001-2,00000) However 28.00 percent had high income (Above Rs. -2,00,000/-)while 18.00 percent of marginal annual income ,12.00 percent of medium annual income and 10.00 percent of small income .

A.7.Extension Participation

Table : 7 Distribution of Respondent According Extension Participation

Sr. No.	Extension Participation	Respondent =50	
		Frequency	Percentage
1	Low	09	18.00
2	Medium	18	36.00
3	High	23	46.00
		50	100.00

observed that from above table 46.00 percent were having high extension participation followed by medium level of participation 36.00 percent and 20.00 percent of the farmer were having low extension participation.

A.8.Scientific Orientation:

Table: 8 Distribution of Respondent According Scientific Orientation

SN	Category	Respondent =50	
		Frequency	Percentage
1	Low	10	20.00
2	Medium	26	52.00
3	High	14	28.00
		50	100.00

It is mentioned that 52.00 percent were having medium scientific orientation followed by high scientific orientation (28.00 percent) and 20.00 percent of low scientific orientation.

A.9.Economic Motivation:

Table: 9 Distribution of Respondent According Economics Motivation

Sr. No.	Category	Respondent =50	
		Frequency	Percentage
1	Low	16	32.00
2	Medium	23	46.00

3	High	11	22.00
		50	100.00

According to economic motivation observed that 46.00 percent of medium economic motivation 32.00 percent of Low economic motivation and 22.00 percent high economic motivation.

A.10 Intervening Variable:

1.Client Understanding:

Table: 10 Distribution of Respondent According Client Understanding

Sr. No.	Category	Respondent =50	
		Frequency	Percentage
1	Low	16	32.00
2	Medium	24	48.00
3	High	10	20.00
		50	100.00

It is mentioned that 48.00 percent were having medium Client Understanding followed by low Client Understanding (32.00 percent) and 20.00 percent of high Client Understanding

2. Client Satisfaction: -

Table: 11 Distribution of Respondent According Client Satisfaction

Sr. No.	Category	Respondent =50	
		Frequency	Percentage
1	Low	11	22.00
2	Medium	25	50.00
3	High	14	28.00
		50	100.00

From above 50.00 percent were having medium Client Understanding followed by low Client Understanding (28.00 percent) and 22.00 percent of low Client Understanding.

B. Dependent Variables :-

B.1 Impact of front line demonstration on yield and economic parameter

Impact analysis of FLD on yield and economic parameters was study. For this purpose production and economic data were collect and analyze.

Technology gap = Potential yield – Demonstration Yield.

Technology Gap= Potential yield – Demonstration Yield

X 100

Crop	Cost of cultivation (Rs.hs-1)		GMR (Rs.hs-1)		NMR (Rs.hs-1)		B:C Ratio	
	FLD	Local	FLD	Local	FLD	Local	FLD	Local
Chick Pea (PDKV-Kanak)	38718	38183	98063	80437	59345	42254	2.53	2.11
Additional in demo	535		17626		17091			

(Price-5230/qt)

B.2. Impact on Knowledge, Attitude, Adoption towards Technology

Knowledge: Knowledge:

It is operationally defined as body of understood information about the production technology of Pigeon pea crop. Practice wise knowledge was measured and one score was given to the known practice. On the basis of obtained score knowledge index was calculated.

Attitude:

Operationally attitude is the favorable or unfavorable way or reaction of FLD Farmer. Towards demonstration. Schedule will be developing to measure the attitude of farmers. In the test ninth statements will be quantified with the continuum agree, undecided and disagree by assigning score of 2, 1, and 0 respectively. Attitude index will be calculated with the help of formula as used for knowledge index the attitude has been categorized with the help of mean and standard deviation.

Adoption:

“Adoption is a decision to make full use of an innovation as the best course of action available.” Practice wise score will be count for every adopted practice. Adoption index will be calculate as same as knowledge index calculate .Adoption categories will be with the help of mean and standard deviation.

B.3 Following are identified Change in Knowledge, attitude and Adoption of Chick Pea grower towards the technology.

Sr. No.	Variables	Index Level	Before FLD		After FLD	
			Frequency (N=50)	%	Frequency	%
1	Knowledge	Low	22	44.00	04	08.00
		Medium	19	38.00	09	18.00
		High	09	18.00	37	74.00
2	Attitude	Unfavorable	34	68.00	02	04.00
		Favorable	10	22.00	36	72.00
		Most Favorable	06	12.00	12	24.00
3	Adoption	Low	23	46.00	03	0600
		Medium	15	30.00	09	18.00
		High	02	18.00	38	76.00

Towards of technology of farmer's Knowledge was before Low index level found (44.00 Percent) found after the intervention of FLD farmer's increase in Knowledge up to High Index level (76.00Percent)

Attitude of farmer towards technology was before found unfavorable (68.00 Percent) after the intervention of FLD farmer's towards technology found favorable (72.00 Percent) attitude.

Adoption towards technology of farmer before was low adoption (46.00 Percent) after the intervention of FLD farmer's toward technology found high adoption (76.00Percent).

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 2025	02	11278	01
Feb 2025	02	11278	00
March 2025	0	0	0
April 2025	02	11278	0
May 2025	03	11278	0
Jun 2025	02	11278	0
Jul 2025	02	11278	0
Aug 2025	02	11279	0
Sept 2025	03	11308	0
Oct 2025	02	11308	0
Nov. 2025	04	11308	0
Dec. 2025	01	11309	0

[illegible]

15. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Demo Unit	Year of establishment	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Produce	Qty.	Cost of inputs	Gross income	
1	Azolla	2008	0.20	Pinnata	--				
2	Goat Unit	2028	0.20	Usmanabadi	--				
3	Farm implement park	2023	0.20	--	--	15 no			Implement use for KVV farm
4	Vermicompost	2024	0.20	--	--	100 kg			Use for KVK Farm

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	12.06.2025	30.10.2025	7.0	PDKV Amba	Br	53.76	--	2,85,495	
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 2025	--	--	--
February 2025	--	--	--
March 2025	--	--	--
April 2025	--	--	--
May 2025	--	--	--
June 2025	--	--	--
July 2025	--	--	--

August 2025	--	--	--
September 2025	--	--	--
October 2025	--	--	--
November 2025	--	--	--
December 2025	--	--	--

F. Database management

S. No	Period of Database	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
1R	Vegetable crops	24	350
	Fruit crops	-	
	Others if any	-	

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

No. of Villages covered	Component of Nutritional Garden	No. of species / plants in nutritional garden	No. of farmers covered
4	Vegetable crops	20	65
	Fruit crops	-	
	Others if any	-	

H. Details of Skill Development Trainings/RPL 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 project	SBI Yavatamal	Yavatmal	00506	Programme Coordinator	11150442037	445002967	SBIN 0000506

B. Utilization of KVK funds during the year 2025-26 (Rs. in lakh) (Till February, 2026)

S.	Particulars	Sanctioned	Released	Expenditure
----	-------------	------------	----------	-------------

No.				
A. Recurring Contingencies				
1	Pay & Allowances	1,66,01,170	1,66,01,170	1,83,28,776
2	Traveling allowances	1,80,000	1,80,000	1,74,000
3	Contingencies	7,39,820	7,39,820	7,90,285
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)				
B. Non-Recurring Contingencies		1,75,20,990	1,75,20,990	1,92,93,321
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)		1,75,20,990	1,75,20,990	1,92,93,321
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				

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

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year
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
April 2024 to March 2025	5889365	180020	510677	5558708
April 2025 to March 2026	5558708	549986	519325	5589369

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

Name of the staff	Designation	Title of the training programme	Institute where attended	Mode (Online/Offline)	Dates
Dr. B. Kachave	Senior Scientist & Head	MDP for newly selected Senior scientist	NAARM	Offline	2 feb-7 march 2026
S. P. Bhagwat	SMS (Home Science)	advanced Approaches in Vegan Food Processing: Genomics, Functional Foods, and Agri-Entrepreneurship	ICAR-CIAE, Bhopal)	Offline	07-27 January 2026
Dr. P. N. Magar	SMS (Entomology)	Advances in Biology, Domestication and Management of Honey Bees and Native Pollinators	CCSHAU, HISSAR, HARYANA	Offline	20 November-10 December 2025

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)
-	-	-	-	-	-

19. Details of activities planned under NARI/PKVV / 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 Swachhta Action Plan (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	Cleaning of washroom of kvk	5	5
2	Cleaning of KVK premises	6	7

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

22. Books published 2025-26

Title of the Book	Authors	ISBN No	Publisher	Pages No	Description/review of the book (one paragraph)
Improved cotton technology	Dr. B. Kachare, Dr. P. N. Magar,	Dr. PDKV Akola 783/2026	-	40	Yavatmal is a major cotton growing district hence improved cultivation practices in cotton published

23. Footfall in KVKs

State	Name of KVK	No. of Footfalls			
		Farmers	Officials	VIPs	Total
-	-	-	-	-	-

24. Please include any other important and relevant information which has not been reflected above (write in detail).**Dr. PDKV Akola's New initiative for Model Village Work in Vidarbha Region**

Objective: Doubling farmers income of model village within three years by integrated approach of Dr. PDKV and all line Departments

Preamble: The Jurisdiction of Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola

is spread over 11 districts of Vidarbha region. The region is divided into three agroclimatic zones based on climate, rainfall and soil conditions. Dr. PDKV, Akola has adopted 11 villages as Model Village for doubling the farmers income and overall development of the villages within three years. Accordingly, in first phase Dr. PDKV, Akola has adopted 11 villages, one village each in every district of Vidarbha and PRA and baseline survey has been completed. These villages are selected on the basis of population i.e.

where population is below 1000 and the village is in remote area where advanced agricultural technologies have been not yet reached so far. The road map for model village includes

1. Doubling the productivity of crops in villages by transferring all recommended technologies to the farmers by University Scientist in support with line departments (33% increase in income).

2. Reducing the cost of cultivation by 50% through mechanization and other practices (increase in income by 33%) and

3. Through Value Addition by developing value chain from production to marketing (increase in income by 33%) .In addition, integrated farming system approaches has to be followed in the adopted villages by establishing

a dairy unit, goatary units, poultry units, sericulture, bee keeping units and establishing processing units, farmers interest groups, self-help groups, village library within stipulated time. The development team coordinated by Dr. PDKV scientists and line departments will take monthly review on every second Tuesday of each month to assess the completion of task as per road map and suggest possible interventions for improvement.

Supporting organization's

A. Government Institutes

1. Dr. PDKV Akola -Co-ordinating organization
2. State Department of Agriculture
3. Maharashtra Animal and Fishery Sciences University
4. Department of Animal Husbandry, M.S
5. Mahabeej
6. Department of Sericulture
7. National Dairy Development Board
8. Zilla parishad, panchayat samiti and village gram panchayat
9. Revenue department
10. MAVIM, DIC, MAIDC

B. Nationalized, Private & Cooperative Banks

1. State Bank of India
2. Bank of India
3. HDFC,
4. DCCB,
5. NABARD...etc..

C. Agri Input & Processing Industries

1. Private companies

Seed, insecticide/pesticide, Irrigation, farm

machinery, Agri. Input

2. Process and value addition industries

D. Non-Governmental Organizations

1. Pani foundation

2. Reliance Foundation

3. Maitry group

E. Companies

1. Those take the Buy-Back Guarantee for the farmer's produce.

2. Mother dairy

Model Village Mohammadpur, Taluka Babhulgaon, District Yavatmal: An Inspiring Story of Agricultural Development

The concept of a Model Village (Adarsh Gaon) was envisioned through the foresight of Honorable Vice-Chancellor Dr. Sharad Gadakh of Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola.

The primary objective of this initiative is to adopt one village from each district and ensure its holistic and sustainable development by disseminating the university's agricultural technologies.

Under this program, a key role has been defined to bring the improved agricultural technologies developed by the university to the village level, and to achieve integrated development through effective coordination among government, semi-government, and private institutions related to agriculture.

This inspiring concept has been effectively implemented by Krishi Vigyan Kendra (KVK), Yavatmal under the guidance of Dr. Dhanraj Undirwade, Director of Extension Education at Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola.

Mohammadpur village, located in Babhulgaon taluka of Yavatmal district, about 35 km from Yavatmal, was selected under this Model Village initiative.

Earlier, farming in this village was mainly practiced using traditional methods. However, Krishi Vigyan Kendra initiated efforts to deliver modern agricultural technologies directly to farmers' fields.

Special emphasis was placed on increasing production, reducing costs, value addition, and adopting integrated farming systems.

As a result of these efforts, farmers in Mohammadpur have now started practicing improved and scientific methods of agriculture. They have become familiar with new improved crop varieties.

Keeping climate change in mind, they have adopted practices such as BBF (Broad Bed Furrow) sowing method, mechanized sowing through seed drills, and most importantly, the principle: "No sowing without seed treatment."

Various technologies from the university have been implemented directly on farmers' fields, and their positive outcomes are clearly visible today.

To provide practical knowledge, farmers from Mohammadpur actively participated in programs organized by the university such as field visits, Agrotech events, and horticulture day. Through interactions with scientists, they understood modern technologies and successfully implemented them.

Recognizing the importance of allied agricultural activities, farmers in the village have also started dairy farming, cattle and buffalo rearing, as well as goat and sheep farming. These activities have created additional sources of income.

In view of climate change and the growing importance of sericulture (silk farming), Krishi Vigyan Kendra organized an educational tour for farmers to a sericulture village in Beed district. Inspired by this visit, four farmers from Mohammadpur have started sericulture, and they are expected to begin earning income from it soon.

Considering the shortage of green leafy vegetables in the village, a kitchen garden initiative was implemented. After observing the model kitchen garden developed in the school, many farmers established kitchen gardens at their homes.

Today, this initiative provides chemical-free vegetables to farming families and also contributes to additional income through surplus sales.

Additionally, a dal mill has been established in the village to process pigeon pea into dal for sale, thereby promoting value addition.

Over the past three years, coordinated efforts by Krishi Vigyan Kendra, Yavatmal and other departments have transformed agriculture in Mohammadpur into a more modern, progressive, and income-generating system.

Most importantly, there has been a positive shift in the mindset and practices of the farmers.

Today, Mohammadpur stands as a successful and inspiring example of the Model Village concept. It is not just the progress of a single village, but a powerful model of transformation achieved through the collective efforts of the agricultural university, Krishi Vigyan Kendra, and the farmers.

Identification of problems in Model village

- Improper Land Preparation- deep ploughing should not done in summer
- Lack of Soil Testing
- Do not use new improved variety/ hybrid

- Do not take seed germination test
- Lack of Seed Treatment
- Improper Spacing and Plant Population Indiscriminate Use of Fertilizers

- Unavailability and unawareness of improved farm implements
- Lack of processing of agricultural produce.
- Unavailability of custom hiring center

- Absence of allied agricultural enterprises (subsidiary occupations).
- Lack of improved livestock breeds.
- Neglect of livestock health.
- Lack of nutritious feed.

- Do not use Integrated approach for pest & disease control
- Do not use of Biocontrol agents.
- Lack of Plant Pests and disease diagnosis for effective pest and disease management

- unawareness about Nutrition & Health
- Drudgery
- Economical problems Less value addition in agro commodities
- Loss of grains & seed during storage
-

- Market linkages
- Farmer linkages with line department
-

Intervention of PDKV

Agronomical Interventions

- Deep ploughing during summer
- Pre planning of kharif season
- Crop rotation diversification
- High yielding improved variety
- Seed Germination testing
- Seed treatment of fungicide, insecticide and bio fertilizer
- Use of pair row sowing by dibbling
-

Entomological Interventions

- Use of IPM throughout crop period
- Deep plowing, seed treatment of insecticide, use of IPM tools like Yellow sticky trap, pheromone trap, border trap, light trap, etc.
- Use of various bio insecticide & fungicide
- Control of various pest and disease in early stage before attained ETL
- Safe use of spraying of chemical
- Use of Biocontrol agents like Trichoderma, Metarhizium, Tricho cards.
-

Farm Mechanization

- Establishment of custom hiring centre
- Use BBF seed drill for sowing
- Use of Seed dibler
- Inter cultivation through BBF
- In situ soil moisture conservation practices
- Harvesting through advance harvester

- **AHDS Interventions**
- Clean milk management
- Preparation of milk products
- Vermicompost production
- Azolla cultivation for livestock
- Fodder cultivation
- **Home Science**
- Establishment of nutrition garden
- To minimize the storage loss
- Use of Save grain bag for storage of grains & seed
- Poor Socio economic status
- Income generation activities for empowerment of rural women like Mini dal mill
- Mushroom cultivation
- Introduction of improved farm tools and technologies to the farm women
- **Value addition**
- Value addition to primary agriculture produce.
- **IFS**
- Farming system for nutrition approach model for Food & nutrition Security.
- Sericulture
- Dairy
- Goatry
- Poultry

Crop Competition

Soybean 2023

Sr. No	Crop	Name of Farmer	yield (q/ha)
1	Soybean	Vitthal Jagannath Mundle	25
2	Soybean	Mangesh Purushhotam Devtale	17.5

Soybean 2024

Sr. No	Crop	Name of Farmer	yield (q/ha)
1	Soybean	Sunil Vitthal Kale	30
2	Soybean	Vitthal Jagannath Mundle	23.75

Soybean 2025

Sr. No	Crop	Name of Farmer	yield (q/ha)
1	Soybean	Pradip Tukaram Gulhane	17.50
2	Soybean	Narayan Ramji Nehare	15

Assessment of Social changes in farmers of the model village farmers after interventions:

Sr. No.	Statement	After interventions (N= 175)					
		Full extent/No.	%	Some what/No.	%	No change	%
1	Developed Self-image in family	123	70.29	41	23.43	11	6.29
2	Developed Self-image in community	139	79.43	27	15.43	9	5.14
3	Developed feelings of Self independence:	73	41.71	53	30.29	15	8.57
4	Developed feeling of economic security	109	62.29	37	21.14	29	16.57
5	Developed ability to take risk	124	70.86	17	9.71	34	19.43
6	Developed ability to understand and solve problems	145	82.86	21	12.00	9	5.14
7	Developed ability to try new varieties	103	58.86	53	30.29	11	6.29
8	Developed enthusiasm to try new Varieties	128	73.14	33	18.86	14	8.00
9	Developed aspirations	157	89.71	3	1.71	15	8.57
10	Feelings of overall satisfaction	143	81.71	23	13.14	9	5.14
11	Developed Communication Skill	131	74.86	29	16.57	15	8.57
12	Participation in Group activities	94	53.71	63	36.00	18	10.29
13	Developed good relationship with university scientists	98	56.00	49	28.00	7	4.00
14	Developed good relationship with KVK scientists	91	52.00	46	26.29	4	2.29
15	Developed good relationship with Agril. Deptt personnel	87	49.71	31	17.71	27	15.43
16	Developed good relationship with Horticulture Deptt personnel	68	38.86	25	14.29	82	46.86
17	Developed good relationship with Fishery Deptt. personnel	147	84.00	18	10.29	10	5.71
18	Developed good relationship with NABARD personnel	32	18.29	18	10.29	125	71.43
19	Developed good relationship with Bank personnel	41	23.43	87	49.71	80	45.71
20	Developed self confidence in farming and allied activities	134	76.57	20	11.43	37	21.14

Over the past three years, agricultural technologies have started reaching the village. Today, these technologies have reached farmers' fields to some extent and have also taken root in their minds. However, it is essential to ensure that these technologies reach a maximum number of farms. Additionally, it is important that all agriculture-related institutions come together to provide improved technologies in the village. The agricultural development achieved in Mahamadpur today should be replicated in the future by

selecting model villages in all sixteen talukas of Yavatmal district and transforming them on the lines of Mahamadpur.

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	167	7014	3120	10134
Rural youths	2	25	11	36
Extension functionaries	2	1	115	116
Sponsored Training	0	0	0	0
Vocational Training	0	0	0	0
Total	171	7040	3246	10286

2. Frontline demonstrations

Crops/Enterprise	No. of Farmers	Area(ha)	Units/Animals
Oilseeds	313	127.2	0
Pulses	0	0	0
Cereals	0	0	0
Vegetables	15	1-2 R	0
Other crops	13	5.2	0
Hybrid crops	0	0	0
Total	341	132.4	0
Livestock & Fisheries	26	0	26
Other enterprises	30	0	0
Total	56	0	26
Grand Total	397	132.4	26

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	03	03	16
Livestock	02	02	26
Various enterprises	04	04	48
Total	09	09	90
Technology Refined			
Crops	0	0	0
Livestock	0	0	0
Various enterprises	0	0	0
Total	0	0	0
Grand Total	09	09	90

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	195	16725
Other extension activities	0	0
Total	195	16725

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						Total
		Crop	Livestock	Weather	Marketing	Awareness	Other enterprise	
Yavatmal-I	Text only	16	3	2	1	2	2	26
	Voice only	0	0	0	0	0	0	0
	Voice & Text both	16	3	2	1	2	2	26
	Total Messages	16	3	2	1	2	2	26
	Total farmers Benefitted	11309	11309	11309	11309	11309	11309	11309

6. Seed & Planting Material Production

	Quintal/Number	Value (Rs.)
Seed (q)	53.76	285495
Planting material (No.)	0	0
Bio-Products (kg)	1021.5 litter	204300
Livestock Production (No.)	70 kg	7000
Fishery production (No.)	0	0

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value (Rs.)
Soil	1005	201000
Water	0	0
Plant	0	0
Total	1005	201000

8. HRD and Publications

Sr. No.	Category	Number
1	Abstract	0
2	Workshops	02
3	Conferences	00
4	Meetings	35
5	Trainings for KVK officials	00
6	Visits of KVK officials	144
7	Book published	01
8	Training Manual	01
9	Book chapters	00
10	Booklet	00
11	Leaflets/ Folder/ Pamphlet	05
12	Research papers	00
13	Technical Bulletin	00
14	Popular article	43
15	Lead papers	00
16	Seminar papers	00
17	Extension folder	00
18	Proceedings	00
19	Award & recognition	00
20	On-going research projects	00
21	Other	00