ICAR-ATARI, Pune

DETAILS OF ANNUAL PROGRESS REPORT OF KVKs DURING 2022

(January 2022 to December 2022)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address with PIN code	Telephone		E mail	Website address & No. of visitors (hits)
Krishi Vigyan Kendra (Dr. PDKV), Waghapur road, Yavatmal I – 445 001 (MS)	Office 07232-248235	FAX	pckvkytl@yahoo.co.in kvkyavatmal@pdkv.ac.in	www.kvkyavatmal.pdkv.ac.in (196585)

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

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

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

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

1.4. Date and Year of sanction: April 2004

1.5. Staff Position (as on December, 2022)

Sl. No.	Sanctioned post	Name of the incumbent	Mobile No.	Discipline	If Permanent, Please indicate		Date of joining	If Temporary,
					Current Pay Band	Current Grade Pay		
1.	Senior Scientist and Head	Dr. S. U. Nemade	9421771374	Agronomy	37400-67000	9000	01/07/2017	Permanent
2.	Subject Matter Specialist	Dr. P. N. Magar	7757081885	Agricultural Entomology	15600-39100	67000	26/12/2016	Permanent
3.	Subject Matter Specialist	Mr M. B..Dhole	9921102110	Agricultural Extension	15600-39100	67000	22/09/2016	Permanent

4.	Subject Matter Specialist	Dr. G. U. Kaluse		AHDS	15600-39100	67000	01/10/2016	Permanent
5.	Subject Matter Specialist	Mr. R. T. Chavan		Agricultural Engg.	15600-39100	67000	04/10/2016	Permanent
6.	Subject Matter Specialist	S. P. Bhagwat		Home Science		84700	21/02/2008	Permanent
7.	Subject Matter Specialist	Vacant SMS (Horticulture)	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant
8.	Programme Assistant	Mr V.D. Rathod	9970655839	Programme Assit (Lab Tech)	9300-34800	42300	05/08/2016	Permanent
9.	Computer Programmer	Mr R.M. Deshmukh	8007679354	Programme Assit (Computer)	9300-34800	42300	08/08/2016	Permanent
10.	Farm Manager	Mr K.D. Shirsat	9822760209	(Farm Manager)	9300-34800	42300	04/01/2017	Permanent
11.	Accountant/Superintendent	Mr P. N. Ramteke	9881819913	(ASO)	9300-34800	42300	10/08/2016	Permanent
12.	Stenographer	Mr L. S. Gaikwad	9765322180	(Stenographer)	5200-20200	30500	08/09/2016	Permanent
13.	Driver 1	Shri.V. B. Borse (Driver)	9503529403	(Driver)	5200-20200	26000	10/10/2016	Physically Working at Registar office, Dr. PDKV, Akola
14.	Driver 2	Shri. A. R. Kadu	9665962470	(Driver)	5200-20200	26000	13/10/2016	Permanent
15.	Supporting staff 1	Ku. Ashwini D. Mahurkar	9579397797	(Skill Helper)	5200-20200	20300	04/10/2018	Permanent
16.	Supporting staff 2	Mr. Baratshing Sulane	9637283623	(Skill Helper)	5200-20200	20300	10/10/2018	Permanent

1.6. Total land with KVK (in ha):

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

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Year	Plinth area (Sq. m)	Expenditure (Rs.)	Starting year	Plinth area (Sq. m)	Status of construction
1.	Administrative Building	ICAR	Dec 2010	552	34.00	Sept.2009	--	Completed
2.	Farmers Hostel	ICAR	March 2007	400	--	--	--	--
3.	Staff Quarters	ICAR	Dec 2010	400	--	Sept.2009	--	Completed
4.	Fencing	--	--	--	--	--	--	Need to Established
5	Rain Water harvesting system	--	--	--	--	--	--	--
6	Threshing floor	--	--	--	--	--	--	--
7	Farm godown	--	--	--	--	--	--	--
8	Soil and water testing lab	--	--	--	--	--	--	--
9	Mini soil testing Kit	--	--	--	--	--	--	--
10	Sell Contour	--	--	--	--	--	--	--
11	Demo unit	ICAR	June, 2010	72.270	4.00	06.09.09	--	Completed
12	ICT lab	--	--	--	--	--	--	--
13	Solar Panel	--	--	--	--	--	--	--
14	counter seal	--	--	--	--	--	--	--
	Other pl mention	--	--	--	--	--	--	--

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Running	Present status
Bolero SL	2019	8,00,000	40,200	Working
HERO HONDA SPL +	2006	50000.00	32729	Not in Working
Tractor	2012	4,50,000	9218 hrs	Good Condition

C) Equipment & AV aids

Name of the equipment / Implements	Year of purchase	Cost (Rs.)	Present status
MEGA Phone	2006	2500.00	Working
Solar Tunnel Dryer	2018	9500.00	Working
Portable Zero Energy Cool chamber{CRIDA Model)	2018	3000.00	Working
Cooking Gas with Stove	2018	6000.00	Working
Mixer/ Grinder	2018	3600.00	Working
Boom Sprayer	2007	75200.00	Under Repair
V Pass	2008	12981.00	Working
Dr. PDKV Cotton Slasher	2009	84000.00	Working
5 Tyne cultivator	2008	17788.00	Working
M.B. Plough	2008	20625.00	Under Repair
9 Tyne Cultivator	2007	20625.00	Under Repair
Drone	2022	998000	working

1.8. Details of SAC meeting conducted in the year:

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

2. DETAILS OF DISTRICT / JURISDICTION AREA OF KVK

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

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

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

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

a) Topography

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

2.3 Soil Types

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

2.4. Area, Production and Productivity of major crops cultivated in the area of jurisdiction of KVK (2022)

S. No	Crop	Area (ha)	Production (000 T)	Productivity (Kg/ha)
	Major Field crops			
1	Cotton	462707	5853.52	215.06 (lint)
2	Jawar	46.88	19.01	405.62
3	Soybean	2924.75	2337.41	799.18
4	Pigeon pea	1118.24	477.21	426.75
1	Black gram	36.18	10.74	296.74
2	Green gram	42.98	12.07	280.92
3	Chickpea	1410.61	1904.33	1350
4	wheat	379.25	549.91	1450

Source: SAO office, Yavatmal

2.5. Weather data (2022)

Month	Normal RF(mm)	Normal Rainy days (number)	Temperature (^{0} C)		Relative Humidity (%)	
			Maximum	Minimum	Maximum	Minimum
January	2.0	1.0	28.1	13.7	64.2	49.5
February	2.0	0.0	31.8	15.4	52.1	38.5
March	23.0	0.0	38.1	21.3	35.1	29.7
April	0.0	1.0	42.3	25.6	35.9	24.7
May	0.0	1.0	42.3	26.6	42.4	25.7
June	130.3	13.0	38.0	25.1	62.0	43.7
July	640.1	13.0	29.3	22.5	86.8	81.4
August	224.4	11.0	31.5	22.3	86.8	78.0
September	241.0	13.0	31.8	21.8	89.4	79.8
October	142.2	0.0	32.1	18.7	81.7	72.7
November	0.0	0.0	31.4	13.2	64.8	56.5
December	0.0	0.0	30.9	15.8	61.7	51.1
Total	**1405**	**53**	**407.6**	**242**	**762.9**	**631.3**

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	--	--	--
Category		Production (Q.)	Productivity
Fish (Reservoir)	--	--	--

2.7. Details of Operational area / Villages

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

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

2.8. Priority thrust areas:

Crop/Enterprise	Thrust area
Agronomy	• Improving productivity of cotton, chickpea, soybean, pigeonpea, Jowar, wheat, greengram and blackgram. • Approaching to advance cropping system. • Crop diversification in cotton based cropping system 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	• Fodder cultivation for self sufficiency in feed & fodder • Reducing the cost of feed due to enrichment • Identifying mineral Deficiency • Improper feeding management in poultry
Plant protection	• Technology dissemination for cost effective and efficient plant protection. • Introduction of high yielding varieties with appropriate plant protection strategy • Improvement in productivity and quality of Onion, Okra production • Utilization of biocontrol agents in the pest and disease management • Lack of knowledge regarding recommended insecticides with label claim • Poor knowledge of eco-friendly plant protection measures • Safe use of pesticide
Agril Engg	• Farm Mechanization • Water management and Micro-irrigation • 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 family nutrition security of rural farmers family specially through education, health and hygiene. • Awareness regarding Drudgery reduction & health safety in household and farm activities for rural Women by using improved implements. • 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. • Entrepreneurship development & Livelihood security of rural women : Empowering farm women through small scale processing and value addition Awareness regarding various Income generating activities for economic empowerment. • Improvement in group activities of rural women. • Empowerment of rural women through Entrepreneurship development programme for generating

	self- employment. • Post harvest management for loss reduction • Small Scale processing and value addition in agro commodities i.e. fruit and vegetables, spices & condiments, cereals & pulses, milk etc. • Motivation for the skill oriental activities.

3. TECHNICAL ACHIEVEMENTS

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

OFT				FLD			
1				2			
Number of OFTs		Number of farmers		Number of FLDs		Number of farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
09	03	99	99	11	11	275	275

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
200	200	11086	11086	238	238	11440	11440

Seed Production (Qtl.)		Planting materials (Nos.)	
5		6	
Target	Achievement	Target	Achievement
16	16	--	--

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
--	--	337	337

3.1. B. Operational areas details during 2022

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	Soybean	The old variety like. JS-335 was highly susceptible due to diseases and pest attack that adversely affect on the yield and increasing management cost	7 farmers 2.8 ha. Area	Shiroli	OFT, Field visit, Training
2	Chick Pea	Low productivity of chick pea due to imbalance nutrient management Lack of knowledge about PGR and ICM practices	7 farmers 2.8 ha. Area	Swargaod	OFT, Field Visit, Training
3	Soybean	Integrated Crop Management Practices (ICM) in Soybean variety: YELLOW GOLD (AMS-1001)	25 farmers 10 ha. Area	Murali (Ghatanji	CFLD, Field Visit, Training
4	Pigeon pea	1. Decreased crop production due lack of knowledge about improved cultivation practices of Pigeon pea 2. Lack of awareness amongst farmers about high yielding and medium duration wilt registrant varieties of Pigeon pea	50 farmers 20 ha. Area	Murali, Undarni, Rampur (Ghatanji) & Pahapal (Kelapur)	FLD: Plant height, Grain yield & B:C ratio
5	Chick pea	1) Lack of awareness among the farmers regarding new high yielding, bold seeded variety of Gram. 2) Low yield of Chickpea due to in-balance use of nutrients	50 farmers 20 ha. Area	Chincholi, Sawargaon (Kalamb)	FLD: Plant height,No. of Pod per plant, Grain yield & B:C ratio
6	Sesame	Demonstrate effect of ICM on yield of Sesame and their economics	50 farmers 20 ha. Area	Mawalni (Kalamb) & Mahamadpur (Babhulgaon)	CFLD, Field Visit, Training
7	Pigeonpea	Wilt in Pigeonpea	2000 ha	Murali, Ghatanji	OFT, Field Visits and Training
8	Chickpea	Root rot in chickpea	2500 ha	Chincholi, Kalamb	OFT, Training
9	Cotton	Pink bollworm infestation in cotton	2,50,000 ha	Tiwsala, Ghatanji	FLD, Field Visits and Training
10	Soybean	Stem fly and girdle beetle infestation in soybean	1,50,000 ha	Shiroli, Ghatanji	FLD, Method Demonstration, Field Visits and Training
11	Cotton	Pink Bollworm Knot Technology	48.00 ha	Rampur & Undarni	IPM Technology, Training

3.2. Technology Assessment (Kharif 2022, Rabi 2021-22, Summer 2022)

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

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Integrated Nutrient Management	--	--	--	--	--	--	--	--	--	--
Varietal Evaluation	--	--	--	--	--	--	--	--	--	--
Integrated Pest Management	--	--	--	--	--	--	--	--	--	--
Integrated Crop Management	03	03	--	--	--	--	--	--	--	06
Integrated Disease Management	--	--	02	--	--	--	--	--	--	02
Small Scale Income Generation Enterprises	--	--	--	--	--	--	--	--	--	--
Weed Management	--	--	--	--	--	--	--	--	--	--

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

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

Thematic areas	Cattle	Poultry	Piggery	Rabbitry	Fisheries	TOTAL
Evaluation of Breeds	1	1	-	-	-	2
Nutrition Management	2	1	-	-	-	3
Disease of Management	2	2	-	-	-	4
Value Addition	1	1	-	-	-	2
Production and Management	2	1	-	-	-	3
Feed and Fodder	2	2	-	-	-	4
Small Scale income generating enterprises	-	1	-	-	-	1
TOTAL	10	9	-	-	-	19

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	Pigeonpea	Management of wilt in pigeonpea	07	07	2.8
	Chickpea	Management of root rot in Chickpea	07	07	2.8
Integrated Crop Management	Chick pea	Assess the productivity of Chick pea by use of PGR spray.	07	07	2.8
	Soybean	Assess the performance of different Soybean variety suitable for Yavatmal District	07	07	2.8
Integrated Disease Management	-	-	-	-	-
	-	-	-	-	-

Small Scale Income Generation Enterprises	-	-	-	-	-
	-	-	-	-	-
Weed Management	-	-	-	-	-
	-	-	-	-	-
Resource Conservation Technology	-	-	-	-	-
	-	-	-	-	-
Farm Machineries	-	-	-	-	-
	-	-	-	-	-
Integrated Farming System	-	-	-	-	-
	-	-	-	-	-
Seed / Plant production	-	-	-	-	-
	-	-	-	-	-
Value addition	-	-	-	-	-
	-	-	-	-	-
Drudgery Reduction	-	-	-	-	-
	-	-	-	-	-
Storage Technique	-	-	-	-	-
	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-
	-	-	-	-	-
Total	04		28	28	11.2

B. 2. Technologies assessed under Livestock & fishery assessment

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Evaluation of breeds	-	-	-	-
Health Management	Cow, Goat	Vaccination and shed management	01	13
Dairy Management	Cow, Buffalo	Balance feeding	02	26
Nutrition management	Cow, Buffalo	Azolla feeding and urea treatment	02	26
Disease management	Cow, Buffalo, goat	Probiotoc feeding	02	26
Feed and fodder management	Cow, Buffalo	DHN-10, Phule Yashwant	02	26
Processing & Value addition	Cow, Buffalo	Value adition of milk products	01	13
Production and management	poultry	Azolla feeding	02	26
Composting fish culture	-	-	-	-
Small scale income generating enterprises	Poultry	Egg value addition	01	13
Fish production	-	-	-	-
Other	-	-	-	-
Total	**08**		13	169

B.3 Technologies assessed under other enterprises

Name of Enterprises	Name of the technology assessed	No. of trials	No. of farmers
Mushroom	-	-	-
Apiary	-	-	-
Vermicompost	-	-	-
Tailoring	-	-	-
Nutrition Garden	-	-	-
Nursery Management	-	-	-
Production and Management	-	-	-
Eentrepreneurship development	-	-	-
Engegy consrvation	-	-	-
storage techniques	-	-	-
House hold food security	Assessment of the nutritional & health status of the farm family adopted under Farming system for nutrition approach model	**25**	**25**
organic farming	-	-	-
mechanization	-	-	-
Bee keeping	-	-	-
Seed production	-	-	-
post-harvest management	Solar Tunnel drayer	10	10
other	Assessment of heat treatment in improving the shelf life of pearl millet flour	**13**	**13**

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. Agronomy -I
Results of On Farm Trial

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Soybean	Rein fed	The old variety like. JS-335 was highly susceptible due to diseases and pest attack that adversely affect on the yield and increasing management cost.	Assess the performance of different Soybean variety suitable for Yavatmal District	07	T2 Suvarna soya (AMS-MB-5-18) T_3: PDKV Amba (AMS-100-39)	Plant Height, No. of Pod Per plant, Seed yield (qha^{-1}), GMR, NMR & B:C ratio	Plant Height, No. of Pod Per plant, Seed yield (qha^{-1}), GMR, NMR & B:C ratio	Variety PDKV Amba recorded significantly superior in yield over variety JS-335 & Suvarna soya. Likewise, produced 21.4 % & 9.65 % more yield respectively	--	--	--

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	B:C Ratio
13	14	15	16	17	18
T1:- Farmer Practice (Used JS-335)	JNKV, Jabalpur (2002),	17.50	Q/ha	27480	1.61
T2 Suvarna soya (AMS-MB-5-18)	MPKV, Rahuri (2016),	19.38	Q/ha	38094	1.84
T_3: PDKV Amba (AMS-100-39)	Dr. PDKV, Akola (2020)	21.25	Q/ha	45668	1.99

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

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

C. 1. Agronomy -II
Results of On Farm Trial

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Chick pea	Irrigated	Low productivity of chick pea due to imbalance nutrient management. Lack of knowledge about PGR and ICM practices..	Assess the productivity of Chick pea by use of PGR spray	07	**T_1:** Farmers practice (No use of PGR) **T_2:** Foliar application of 1% Humic acid at flowering and pod development stage. **T_3:** Two spray of gibberellic acid 90% a.i. @ 15 ppm (8.3 g per ha) at flowering and pod development stage.	Plant Height, No. of Pod per plant, Seed Yield (qha^{-1}), GMR, NMR & B:C ratio	Plant Height, No. of Pod per plant, Seed Yield (qha^{-1}), GMR, NMR & B:C ratio	Two spray of gibberellic acid 90% a.i. @ 15 ppm (8.3 g per ha) at flowering and pod development stage (T_3) recorded 17.89 % & 13.79 % more yield than Farmers practice (T_1) & T_2 respectively. However, farmer practices (T_1) and application of 1% Humic acid (T_2) were statistically equal in effect with each other.	--	--	--

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	B:C Ratio
13	14	15	16	17	18
T_1: Farmers practice (No use of PGR)	--	17.38	Q/ha	53244	2.39
T_2: Foliar application of 1% Humic acid at flowering and pod development stage	--	18.13	Q/ha	51568	2.19
T_3: Two spray of gibberellic acid 90% a.i. @ 15 ppm (8.3 g per ha) at flowering and pod development stage	Dr. PDKV, Akola (2020)	20.63	Q/ha	65868	2.57

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

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

Results of On Farm Trial : Entomology -I

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Pigeonpea	Intercropping	Wilt in pigeonpea	Management Of Wilt Disease in Pigeonpea	7	T1-Farmers Practice No seed treatment T2- Seed treatment Carboxin 37.5 % + Thirum 37.5% WS @ 3 gm per Kg seed T3: Seed treatment with Carboxin 37.5% + Thirum 37.5% WS @ 3 gmfb Seed treatment with Trichoderma viride @ 10 gm per Kg seed	Wilt infestation (%) Yield (q/ha) Gross Return (Rs/ha) Net Returns (Rs/ha) B:C Ratio	--	--	--	--	Need new wilt resistant high yielding varieties

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	B:C Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice)	Farmer	12.93	q/ha	53,338	2.67
Technology option 2	Dr.PDKV, Akola 2017	13.54	q/ha	57,164	2.78
Technology option 3	Dr.PDKV, Akola 2017	13.89	q/ha	59,174	2.82

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

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

Results of On Farm Trial : Entomology -II

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Chickpea	Sole Rabi Crop	Root rot in chickpea	Management of root rot in chickpea	07	T_1: Farmers practice (two sprayings of Carbendazim, 50 WP @ 10 gm or Mancozeb 75% WP@30 gm/ 10 liter water) T_2: Seed Treatment of Tebuconazole 5.4% FS + Trichoderma viridi T_3-Application of 2 kg Trichoderma in 40 kg FYM per acre	Root rot infestation (%) Yield (q/ha) Gross Return (Rs/ha) Net Returns (Rs/ha) B:C Ratio	--	--	--	--	Need new wilt resistant high yielding varieties

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	B:C Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice)	Farmer	16.13	q/ha	48,053	2.26
Technology option 2	Dr. PDKV, Akola	17.89	q/ha	57,143	2.49
Technology option 3	NAU, Gujarat	18.51	q/ha	60,151	2.56

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

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

Results of On Farm Trial – AHDS- 1

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
Livestock		NUTRITION MANAGEMENT	Use of balance feeding ration in dairy cow	13	Balance feeding with azolla 5%	Milk yield Weight gain	average body weight	incrase in milk yield 1%	increase in body weight and milk 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)		6.7	Lit/day/ animal	800	1.60
Technology option 2T1+ roughages , concentratets , 5% azolla	Dr Pdkv akola 2011	8.2	Lit/day/ animal	1675	2.55
Technology option 3					

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

1. Title of Technology Assessed -Use of balance feeding ration in dairy cow
2 Problem Definition -NUTRITION MANAGEMENT
3. Details of technologies selected for assessment -Balance feeding with azolla 5%
4. Source of technology- Dr Pdkv akola 2011
5. Production system and thematic area- NUTRITION MANAGEMENT
6. Performance of the Technology with performance indicators- milk yield and weight gain
7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques- in crease body weight and milk gain
8. Final recommendation for micro level situation -nutration management
9. Constraints identified and feedback for research-
10. Process of farmers participation and their reaction- there is incrase in milk yield and weight gain by 5%azolla feeding .
11. Good Quality Photo in JPG (separate with proper caption)

Results of On Farm Trial – AHDS - 2

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
Livestock Dairy cow		NUTRITION MANAGEMENT	Supplimentation of probiotic to dairy cow	13	probiotics 20 gm/calf/day for 60 days	Milk yield Weight gain	average body weight	incrase in milk yield and body weight of cow	increase in body weight and milk 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)		75.8	Lit/day/ animal	1175	1.35
Technology option probiotics 20 gm/calf/day for 60 days	NDRI , karnal	123.5	Lit/day/ animal	4450	2.56
Technology option 3					

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

1. Title of Technology Assessed - Supplimentation of probiotic to dairy cow
2. Problem Definition -NUTRITION MANAGEMENT
3. Details of technologies selected for assessment - probiotics 20 gm/calf/day for 60 days
4. Source of technology - NDRI , karnal
5. Production system and thematic area- NUTRITION MANAGEMENT
6. Performance of the Technology with performance indicators- milk yield and weight gain
7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques- increase body weight and milk gain
8. Final recommendation for micro level situation -nutration management
9. Constraints identified and feedback for research-
10. Process of farmers participation and their reaction- there is incrase in milk yield and weight gain by feeding probiotics 20 gm/calf/day for 60 days
11. Good Quality Photo in JPG (separate with proper caption)

Results of On Farm Trial : Agriculture Engineering -I

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

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	B:C Ratio
13	14	15	16	17	18
T1: Manual	--	0.076	600	---	--
T2: PDKV horizontal drip lateral coiler	PDKV, Akola.	0.0128	300	--	--
T3: Vertical Drip Lateral Coiler		0.099	500	--	--

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 -**Performance assessment of Drip Lateral Coiler**
2. Problem Definition -**Collection of drip lateral is labour intensive operation and folds Labour availability is less. Reduced life of manually collected laterals**
3. Details of technologies selected for assessment- **PDKV horizontal drip lateral coiler**
4. Source of technology- **Dr PDKV Akola**
5. Production system and thematic area **Farm Mechanization**
6. Performance of the Technology with performance indicators **Field capacity and operating cost**
7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques **Horizontal drip lateral coiler is more efficient done vertical drip lateral coiler and farmers practice method**
8. Final recommendation for micro level situation **Horizontal drip lateral coiler is more suitable to coil the laterals**
9. Constraints identified and feedback for research
10. Process of farmers participation and their reaction **Demonstration on their field**
11. Good Quality Photo in JPG (separate with proper caption)

Results of On Farm Trial : Home Science I

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Nutrition security	Mono cropping system	Malnutrition of various nutrients	Assessment of the nutritional & health status of the farm family adopted under Farming system for nutrition approach model	25	Farming system for nutrition approach model	▪ Production of crops ▪ Consumption pattern ▪ Health & Nutritional status (Hb, Blood sugar, Height, Weight) ▪ **Economics** (Expenditure or saving on purchasing of various foods groups • vegetable purchasing • Saving in eggs purchasing • Savings in millets, legumes oilseed purchasing Saving on medicine & doctors fees	Increase nutritional status of family member and 59.28 % More & fresh consumption of organic vegetable in daily diet in demo, Reduction in expenditure by 78.66 % in on purchasing of vegetable & medicine	Treatment T2 was found superior than T1	Availability of fresh vegetables, nutri cereals, eggs improves health status of the family member.	Nil	Nil

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, uts/palm/year)	Net Return (Profit) in Rs. / unit	B:C Ratio
13	14	15	16	17	18
Technology option 1 Mono cropping system)	Farmer's practice	Soybean	800 kg/ acre	20000	2.67
Technology option 2 Farming system for nutrition approach model	MSSRF, Chennai	Legumes: Red gram 3R Green Gram 2 R Black Gram 2R Oilseed: Soybean : 9R Vegetable 4 R: (Green Leafy vegetables, cucurbits and other vegetable) Fruits Eggs 8 No. of birds milk (Cow) 1No	30 kg/3R 20kg/ 2 R 20kg/2 R 180 kg/9 R 300 kg 300 kg/bund 900 eggs/ year 200 lit/year	 1050 900 900 4500 5400 3000 6000 8000 **29750**	 2.4 2.8 2.8 2.67 3.75 4.2 1.8 3.2 **2.95**
Technology option 3					

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Technology Assessed	Source of Technology	Consumption pattern Consumption of vegetable (g)/ day /family	% Increase In consumption of vegetable (g)/ day /family	Health & Nutritional status (Hb, Blood glucose, Weight)	% Change in Health & Nutritional status	Economics (expenditure on purchasing of various foods groups i.e. millet, legumes , milk Vegetable , eggs , fruits etc	% Reduction in expenditure on purchasing of various foods groups
13	14	15	16	**17**	18	**19**	**20**
Technology option 1 Mono cropping system	Farmer's practice	700 gm / day	200 %	Hb: 9.0 gm Random Blood Sugar (Adult): 110-220 Average 165 Average Weight of women (15-49 years): 35- 45 kg	Increase in Hb 21.74% in T2 Decrease in Blood Sugar (Adult) 36.36 % in T2 Change in Weight of women (15-49 years) Nil	6000-10000 i.e average 8000	78.13 %
Technology option 2 Farming system for nutrition approach model	MSSRF, Chennai	2100 gm / day		Hb: 11.5 gm Random Blood Sugar (Adult): 80-.130 Average 105 Average Weight of women (15-49 years): 35- 45 kg		1500-2000 i.e average 1750	

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

1	Title of Technology Assessed	:	Assessment of the nutritional & health status of the farm family adopted under Farming system for nutrition approach model
2	Problem Definition	:	Malnutrition of various nutrients
3	Details of technologies selected for assessment	:	Farming system for nutrition approach model in 1 acre of farm
4	Source of technology	:	MSSRF, Chennai
5	Production system and thematic area	:	Nutrition Security for family nutrition
6	Performance of the Technology with performance indicators	:	• Create awareness regarding family nutrition and FSN among villagers • Reducing the risk of harmful chemicals as the production of millets, legumes oilseed and vegetables were done by organic method. • 66.67 % More & fresh consumption of organic vegetable rich in micronutrients such as minerals & vitamins in daily diet in demo . • Reduction in expenditure by 78.13 % on purchasing of various foods groups • Increase nutritional status of family member & saving on medicine • Natural stress reliever as gardening is a physical & mental exercise • Nutritional & health security at household level • Adoption is essential for nutritional & income security
7	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	:	Availability of fresh vegetables, nutri cereals, eggs improves health status of the family member.
8	Final recommendation for micro level situation	:	Treatment T2 was found superior than T1
9	Constraints identified and feedback for research	:	Nil
10	Process of farmers participation and their reaction	:	It was observed that due to the differences in cultivation and management practices of different crops the farmers were found it difficult. Also due to the marginal land holding of most of the farmers were preferred monocropping system

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

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

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

3.3. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2022 and recommended for large scale adoption in the district

S. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
1	Soybean	Integrated Crop Management	Use YELLOW GOLD (AMS-1001) Variety + seed treatment (Thiamethoxam 30 % FS & Bio fertilizer) + Soil Tested Based Fertilizer Application (30:60:30 NPK kg/ha) + IPM		01	25	10
2	Pigeon Pea	Integrated Crop Management	Use BDN-716 Variety + Bio fertilizer + Soil Tested Based Fertilizer Application (25:50:30 NPK kg/ha) + IPM		04	50	20
3	Chick Pea	Integrated Crop Management	Use PDKV Kanchan (AKG-1109) Variety + Bio fertilizer + Soil Tested Based Fertilizer Application (25:50:30 NPK kg/ha) + IPM)		02	50	20
4	Sesame	Integrated Crop Management	Integrated Crop Management Practices in Sesame (ICM) variety: PKV NT-11		02	50	20
5	Cotton	Integrated Pest Management	Integrated Pest management module for pink bollworm management in cotton	1. Plucking of rosette flowers 2. Install pheromone traps 3 per acre 3. Need based Spraying of Chlorpyrifos 20% EC followed by Thiodicarb 75% WP	05	63	60
6	Soybean	Integrated Pest Management	Management of stem fly and girdle beetle in soybean	Spraying of Ethion 50% EC followed by Chlorantraniliprole 18.5% SC	03	42	25
7	Broad Bed Furrow Planter	Farm Mechanization	Demonstration of Broad Bed Furrow Planter	Demonstrations and training	01	10	4.00

B. Details of FLDs implemented during 2022 **(Kharif 2022, Rabi 2021-22, Summer 2022)** (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 2022-23	10	10			25	
2	Pigeon Pea	Integrated Crop Management	Use BDN-716 Variety + Bio fertilizer + Soil Tested Based Fertilizer Application (25:50:30 NPK kg/ha) + IPM	Kharif 2022-23	20	20			50	
3	Chick Pea	Integrated Crop Management	Use PDKV Kanchan (AKG-1109) Variety + Bio fertilizer + Soil Tested Based Fertilizer Application (25:50:30 NPK	Rabi 2022-23	20	20			50	

			kg/ha) + IPM)							
4	Sesame	Integrated Crop Management	Integrated Crop Management Practices in Sesame (ICM) variety: PKV NT-11	Summer 2022-23	20	20			50	
5	Cotton	Integrated Pest Management	Release of Trichogrammatoideabactrae @ 1 lakh eggs/ hectare	Kharif 2022-23	5.2	5.2	3	10	13	
6	Soybean	Integrated Pest Management	Thiamethoxam 30% FS, 5% NSKE, Need based spraying of Thiamethoxam 12.6% + Lamdacyhalothrin 9.5%	Kharif 2022-23	5.2	13	4	9	13	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Cotton	Kharif	Irrigated	Black cotton soil	0	0	0	Cotton	08.06.2022	07.01.2023	0	53
Soybean	Kharif	Rainfed	Medium soil	0	0	0	Soybean	18.06.2022	10.10.2022	0	53

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Chick pea – var. demo High yielding variety
2	Pigeon pea – ICM Good technology required to be demonstrated widely
3	Need to develop pink bollworm and sucking pest resistance varieties of cotton
4	Need of pest and disease resistance and high yielding varieties

Farmers' reactions on specific technologies

S. No	Feed Back
1	Chick pea – var. demo Accepted and demand for next season
2	Pigeon pea – ICM Accepted and demand for next season
3	Low cost management of pests in soybean
4	Low cost management of pink bollworm in cotton by using biocontrol agents

Extension and Training activities under FLD

Sl. No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	03	12.03.2022, 10.06.2022,11.02.2023	87	
2	Farmers Training	03	05.11.2022,08.11.2022,13.08.2022	128	
3	Media coverage	02	--	--	
4	Training for extension functionaries	03	--	--	

C. Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Groundnut	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sesamum	ICM	Integrated Crop Management Practices in Sesame (ICM) variety: PKV NT-11	PKV NT-11	50	10	Result awaited												
Mustard	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Safflower	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Linseed	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sunflower	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Soybean	ICM	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	YELLOW GOLD (AMS-1001)	25	10	23.75	16.25	19.38	16.52	17.31	44865	83334	38469	1.86	45725	71036	25311	1.55
	IPM	Seed treatment withThiamethoxam 30% FS, 5% NSKE, Need based spraying of Thiamethoxam 12.6% + Lamdacyhalothrin 9.5%	PDKV Amba	13	5.2	22.5	17.5	20.18	19.17	5.27	29000	86774	57774	2.99	32000	82431	50431	2.57
Castor	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Frontline demonstration on pulse crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Pigeonpea	ICM	Use BDN-716 Variety + Bio fertilizer + Soil Tested Based Fertilizer Application (25:50:30 NPK kg/ha) + IPM	BDN-716	50	20	22.63	16.25	18.1	14.25	27.02	32905	119460	86555	3.63	36688	94050	57362	2.56
Blackgram	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Greengram	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chickpea	ICM	Use PDKV Kanchan (AKG-1109) Variety + Bio fertilizer + Soil Tested Based Fertilizer Application (25:50:30 NPK kg/ha) + IPM)	PDKV Kanchan (AKG-1109)	50	20	22.45	15.84	18.75	15.38	21.91	38718	98063	59345	2.53	38183	80437	42254	2.11
Fieldpea	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lentil	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Horsegram	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cowpea	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

FLD on Other crops

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average												
Cereals	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Paddy	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Waterlogged Situation	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Coarse Rice	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Scented Rice	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Wheat	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Wheat Timely sown	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Wheat Late Sown	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mandua	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barley	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Maize	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Amaranth	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Millets	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Jowar	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bajra	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barnyard millet	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Finger millet	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vegetables	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bottlegourd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bittergourd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cowpea	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Spongegourd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Petha	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tomato	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Frenchbean	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Capsicum	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chilli	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Brinjal	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vegetable pea	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Softgourd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Okra	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Colocasia (Arvi)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Broccoli	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cucumber	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Onion	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Coriender	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lettuce	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cabbage	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cauliflower	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Elephant fruit	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any other (Pl	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

specify)																			
Flower crops	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Marigold	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bela	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tuberose	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gladiolus	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any other (Pl. specify)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fruit crops	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mango	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Strawberry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Guava	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Banana	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Papaya	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Muskmelon	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Watermelon	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any other (Pl. specify)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Spices & condiments	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ginger	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Garlic	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Turmeric	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Commercial Crops	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sugarcane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Potato	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cotton	IPM	Release of Trichogrammatoideabactrae @ 1 lakh eggs/ hectare	13	5.2	22	18.5	20.35	19.58	3.51	2.15	5.73	49000	123728	74728	2.53	52700	119046	66346	2.26
Medicinal & aromatic plants	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mentholment	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Kalmegh	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ashwagandha	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any other (Pl. specify)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fodder Crops	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sorghum (F)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cowpea (F)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Maize (F)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lucern	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Berseem	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Oat (F)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Napier	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Grasses	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Cereals	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Paddy	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Waterlogged Situation	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Coarse Rice	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Scented Rice	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Wheat	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Wheat Timely sown	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Wheat Late Sown	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mandua	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barley	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Maize	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Amaranth	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Millets	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Jowar	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bajra	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barnyard millet	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Finger millet	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vegetables	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bottlegourd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bittergourd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cowpea	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Spongegourd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Petha	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tomato	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Frenchbean	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Capsicum	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chilli	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Brinjal	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vegetable pea	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Softgourd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Okra	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Colocasia (Arvi)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Broccoli	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cucumber	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Onion	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Coriender	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lettuce	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cabbage	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cauliflower	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Elephant fruit	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any other (Pl specify)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Flower crops	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Marigold	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Bela	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tuberose	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gladiolus	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any other (Pl. specify)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fruit crops	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mango	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Strawberry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Guava	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Banana	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Papaya	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Muskmelon	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Watermelon	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any other (Pl. specify)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Spices & condiments	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ginger	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Garlic	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Turmeric	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Commercial Crops	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sugarcane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Potato	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cotton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Medicinal & aromatic plants	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mentholment	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Kalmegh	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ashwagandha	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any other (Pl. specify)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fodder Crops	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sorghum (F)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cowpea (F)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Maize (F)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lucern	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Berseem	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Oat (F)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Napier	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Grasses	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cereals	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Paddy	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Waterlogged Situation	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Coarse Rice	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Scented Rice	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Wheat	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Wheat Timely sown	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Wheat Late Sown	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Mandua	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barley	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Maize	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Amaranth	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Millets	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Jowar	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bajra	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barnyard millet	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Finger millet	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vegetables	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bottlegourd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bittergourd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cowpea	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Spongegourd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Petha	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tomato	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Frenchbean	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Capsicum	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chilli	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Brinjal	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vegetable pea	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Softgourd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Okra	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Colocasia (Arvi)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Broccoli	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cucumber	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Onion	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Coriender	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lettuce	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cabbage	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cauliflower	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Elephant fruit	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any other (Pl specify)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Flower crops	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Marigold	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bela	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tuberose	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gladiolus	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any other (Pl. specify)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fruit crops	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mango	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Strawberry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Guava	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Banana	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Papaya	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Muskmelon	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Watermelon	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any other (Pl. specify)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Spices & condiments	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ginger	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Garlic	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Turmeric	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Frontline Demonstration on Nutri cereals

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

FLD on Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of Units (Animal/ Poultry/ Birds, etc)	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cattle	Nutrition Management	Supplementation of probiotic (Saccharomyces cervisiae) to pre-ruminant crossbred calves	13	02	9.30	7.05	31.91	7.20	4.57	3200	4000	800	1:25	2200	2300	100	1:0
Buffalo	Nutrition management	Demonstration on effect of Feeding urea treated Paddy straw	13	26	5.77	4.83	19.46	1540	1877	1540	1877	337	1:21	1275	1470	195	1:15
Buffalo Calf	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dairy	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Poultry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sheep & Goat	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vaccination	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

FLD on Fisheries

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

Feed Management	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

FLD on Other enterprises

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

FLD on Women Empowerment

Category	Name of technology	No. of demonstrations	Name of observations	Demonstration	Check
Storage Technique	**Save grain bag**	13	**No. of insect per week**	**0**	**38**
			Grain damage percentage	**0**	**55.76**

FLD on Farm Implements and Machinery

Name of the implement	Crop	Technology demonstrated	No. of Farmer	Area (ha)	Major parameters	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit etc.)			
						Demo	Check		Land preparation	Sowing	Weeding	Total	Land preparation	Labour	Irrigation	Total
Mini solar tunnel dryer	Chilli	Demonstration of Mini Solar tunnel dryer	10	--	Time requirement	52	76	31.57	--	--	--	--	--	--	--	--

FLD on Other Enterprise: Kitchen Gardening

Nutrition garden components	Thematic area	Area (sq mt)	No. of Farmer	No. of Units	Yield (Kg)- supply of vegetables, fruits, etc from KG in the year		% change in yield	Household size (number)		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demonstration	Check*		Demo	Check	Gross Cost	Gross Return/Savings*	Net Return	BCR (R/C)	Gross Cost	Gross Return/ Savings*	Net Return	BCR (R/C)
Vegetable seed	Household family Nutrition Security by nutrition gardening	200 sq mt/ fAarmer	25	25	190	15	92.11	6-8	6-8	1100	4750	4250	4.31	100	375	275	3.75

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)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	5	251	7	258	8	0	8	259	7	266
Resource Conservation Technologies	7	351	7	358	3	0	3	354	7	361
Cropping Systems	6	240	12	252	5	0	5	245	12	257
Crop Diversification	4	423	8	431	15	8	23	438	16	454
Integrated Farming	2	80	8	88	18	5	23	98	13	111
Micro Irrigation/irrigation	6	241	8	249	19	8	27	260	16	276
Seed production	5	156	8	164	22	2	24	178	10	188
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	1	23	5	28	5	0	5	28	5	33
Soil & water conservation	1	28	5	33	5	0	5	33	5	38
Integrated nutrient management	2	43	8	51	14	8	22	57	16	73
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	**39**	**1836**	**76**	1912	**114**	**31**	145	**1950**	**107**	**2057**
II Horticulture	0	0	0	--	0	0	--	0	0	0
a) Vegetable Crops	0	0	0	--	0	0	--	0	0	0
Production of low value and high value crops	0	0	0	--	0	0	--	0	0	0
Off-season vegetables	0	0	0	--	0	0	--	0	0	0
Nursery raising	0	0	0	--	0	0	--	0	0	0
Exotic vegetables	0	0	0	--	0	0	--	0	0	0
Export potential vegetables	0	0	0	--	0	0	--	0	0	0
Grading and standardization	0	0	0	--	0	0	--	0	0	0
Protective cultivation	0	0	0	--	0	0	--	0	0	0
Others (pl specify)	0	0	0	--	0	0	--	0	0	0
Total (a)	--	--	--	--	--	--	--	0	0	0
b) Fruits	--	--	--	--	--	--	--	0	0	0
Training and Pruning	--	--	--	--	--	--	--	0	0	0
Layout and Management of Orchards	--	--	--	--	--	--	--	0	0	0
Cultivation of Fruit	--	--	--	--	--	--	--	0	0	0
Management of young plants/orchards	--	--	--	--	--	--	--	0	0	0
Rejuvenation of old orchards	--	--	--	--	--	--	--	0	0	0
Export potential fruits	--	--	--	--	--	--	--	0	0	0
Micro irrigation systems of orchards	--	--	--	--	--	--	--	0	0	0
Plant propagation techniques	--	--	--	--	--	--	--	0	0	0
Others (pl specify)	--	--	--	--	--	--	--	0	0	0
Total (b)	--	--	--	--	--	--	--	0	0	0
c) Ornamental Plants	--	--	--	--	--	--	--	0	0	0
Nursery Management	--	--	--	--	--	--	--	0	0	0
Management of potted plants	--	--	--	--	--	--	--	0	0	0
Export potential of ornamental plants	--	--	--	--	--	--	--	0	0	0
Propagation techniques of Ornamental Plants	--	--	--	--	--	--	--	0	0	0
Others (pl specify)	--	--	--	--	--	--	--	0	0	0
Total (c)	--	--	--	--	--	--	--	0	0	0
d) Plantation crops	--	--	--	--	--	--	--	0	0	0
Production and Management technology	--	--	--	--	--	--	--	0	0	0
Processing and value addition	--	--	--	--	--	--	--	0	0	0
Others (pl specify)	--	--	--	--	--	--	--	0	0	0
Total (d)	--	--	--	--	--	--	--	0	0	0
e) Tuber crops	--	--	--	--	--	--	--	0	0	0
Production and Management technology	--	--	--	--	--	--	--	0	0	0
Processing and value addition	--	--	--	--	--	--	--	0	0	0
Others (pl specify)	--	--	--	--	--	--	--	0	0	0
Total (e)	--	--	--	--	--	--	--	0	0	0
f) Spices	--	--	--	--	--	--	--	0	0	0
Production and Management technology	--	--	--	--	--	--	--	0	0	0
Processing and value addition	--	--	--	--	--	--	--	0	0	0
Others (pl specify)	--	--	--	--	--	--	--	0	0	0
Total (f)	--	--	--	--	--	--	--	0	0	0
g) Medicinal and Aromatic Plants	--	--	--	--	--	--	--	0	0	0
Nursery management	--	--	--	--	--	--	--	0	0	0
Production and management technology	--	--	--	--	--	--	--	0	0	0
Post harvest technology and value addition	--	--	--	--	--	--	--	0	0	0

Others (pl specify)	--	--	--	--	--	--	--	0	0	0
Total (g)	--	--	--	--	--	--	--	0	0	0
Grand Total (a to g)	--	--	--	--	--	--	--	0	0	0
III Soil Health and Fertility Management	--	--	--	--	--	--	--	0	0	0
Soil fertility management	--	--	--	--	--	--	--	0	0	0
Integrated water management	--	--	--	--	--	--	--	0	0	0
Integrated Nutrient Management	--	--	--	--	--	--	--	0	0	0
Production and use of organic inputs	--	--	--	--	--	--	--	0	0	0
Management of Problematic soils	--	--	--	--	--	--	--	0	0	0
Micro nutrient deficiency in crops	--	--	--	--	--	--	--	0	0	0
Nutrient Use Efficiency	--	--	--	--	--	--	--	0	0	0
Balance use of fertilizers	--	--	--	--	--	--	--	0	0	0
Soil and Water Testing	--	--	--	--	--	--	--	0	0	0
Others (pl specify)	--	--	--	--	--	--	--	0	0	0
Total	--	--	--	--	--	--	--	0	0	0
IV Livestock Production and Management								0	0	0
Dairy Management	2	32	4	36	7	3	10	39	7	46
Poultry Management	5	133	23	156	26	18	44	159	41	200
Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	1	40	4	44	8	3	11	48	7	55
Disease Management	1	22	7	29	4	3	7	26	10	36
Feed & fodder technology	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**9**	**227**	**38**	265	**45**	**27**	72	**272**	**65**	**337**
V Home Science/Women empowerment								0	0	0
Household food security by kitchen gardening and nutrition gardening	0	0	0	--	0	0	--	0	0	0
Design and development of low/minimum cost diet	0	0	0	--	0	0	--	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	--	0	0	--	0	0	0
Minimization of nutrient loss in processing	0	0	0	--	0	0	--	0	0	0
Processing and cooking	0	0	0	--	0	0	--	0	0	0
Gender mainstreaming through SHGs	0	0	0	--	0	0	--	0	0	0
Storage loss minimization techniques	0	0	0	--	0	0	--	0	0	0
Value addition	0	0	0	--	0	0	--	0	0	0
Women empowerment	0	0	0	--	0	0	--	0	0	0
Location specific drudgery reduction technologies	0	0	0	--	0	0	--	0	0	0
Rural Crafts	0	0	0	--	0	0	--	0	0	0
Women and child care	0	0	0	--	0	0	--	0	0	0
Others (pl specify)	0	0	0	--	0	0	--	0	0	0
Total	--	--	--	--	--	--	--	0	0	0
VI Agril. Engineering								0	0	0
Farm Machinery and its maintenance	1	20	6	26	5	0	5	25	6	31
Installation and maintenance of micro irrigation systems	1	24	0	24	20	2	22	44	2	46
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	1	23	6	29	5	0	5	28	6	34
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**3**	**67**	**12**	79	**30**	**2**	32	**97**	**14**	**111**
VII Plant Protection								0	0	0
Integrated Pest Management	10	530	226	756	370	150	520	900	376	1276
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	**10**	**530**	**226**	756	**370**	**150**	520	**900**	**376**	**1276**
VIII Fisheries								0	0	0
Integrated fish farming	0	0	0	--	0	0	--	0	0	0
Carp breeding and hatchery management	0	0	0	--	0	0	--	0	0	0
Carp fry and fingerling rearing	0	0	0	--	0	0	--	0	0	0
Composite fish culture	0	0	0	--	0	0	--	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	--	0	0	--	0	0	0

Breeding and culture of ornamental fishes	0	0	0	--	0	0	--	0	0	0
Portable plastic carp hatchery	0	0	0	--	0	0	--	0	0	0
Pen culture of fish and prawn	0	0	0	--	0	0	--	0	0	0
Shrimp farming	0	0	0	--	0	0	--	0	0	0
Edible oyster farming	0	0	0	--	0	0	--	0	0	0
Pearl culture	0	0	0	--	0	0	--	0	0	0
Fish processing and value addition	0	0	0	--	0	0	--	0	0	0
Others (pl specify)	0	0	0	--	0	0	--	0	0	0
Total	--	--	--	--	--	--	--	0	0	0
IX Production of Inputs at site								0	0	0
Seed Production	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	0	**0**	**0**	0	**0**	**0**	**0**
X CapacityBuilding and Group Dynamics								0	0	0
Leadership development	0	0	0	0	0	0	0	0	0	0
Group dynamics	4	116	46	162	42	19	61	158	65	223
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	3	53	29	82	18	6	24	71	35	106
Entrepreneurial development of farmers/youths	3	77	46	123	35	19	54	112	65	177
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	3	121	62	183	44	22	66	165	84	249
Total	**13**	**367**	**183**	550	**139**	**66**	205	**506**	**249**	**755**
XI Agro-forestry								0	0	0
Production technologies	0	0	0	--	0	0	--	0	0	0
Nursery management	0	0	0	--	0	0	--	0	0	0
Integrated Farming Systems	0	0	0	--	0	0	--	0	0	0
Others (pl specify)	0	0	0	--	0	0	--	0	0	0
Total	--	--	--	--	--	--	--	0	0	0
GRAND TOTAL	**74**	**3027**	**535**	**3562**	**698**	**276**	**974**	**3725**	**811**	**4536**

Farmers' Training including sponsored training programmes (off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	4	165	8	173	14	8	22	179	16	195
Resource Conservation Technologies	6	351	15	366	15	0	15	366	15	381
Cropping Systems	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0
Micro Irrigation/irrigation	0	0	0	0	0	0	0	0	0	0
Seed production	4	123	8	131	0	0	0	123	8	131
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	9	420	15	435	15	0	15	435	15	450
Soil & water conservation	0	0	0	0	0	0	0	0	0	0
Integrated nutrient management	1	20	5	25	5	0	5	25	5	30
Production of organic inputs	**0**	**0**	**0**	0	**0**	**0**	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**24**	**1079**	**51**	1130	**49**	**8**	57	**1128**	**59**	**1187**
II Horticulture				0				0	0	0
a) Vegetable Crops	0	0	0	0	0	0	0	0	0	0
Production of low value and high value crops	0	0	0	0	0	0	0	0	0	0
Off-season vegetables	0	0	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0	0	0
Exotic vegetables	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0

Grading and standardization	0	0	0	0	0	0	0	0	0	0
Protective cultivation	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (a)	0	0	0	0	0	0	0	0	0	0
b) Fruits	0	0	0	0	0	0	0	0	0	0
Training and Pruning	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (b)	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants	0	0	0	0	0	0	0	0	0	0
Nursery Management	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (c)	0	0	0	0	0	0	0	0	0	0
d) Plantation crops	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (d)	0	0	0	0	0	0	0	0	0	0
e) Tuber crops	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (e)	0	0	0	0	0	0	0	0	0	0
f) Spices	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (f)	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (g)	0	0	0	0	0	0	0	0	0	0
Grand Total (a to g)	0	0	0	0	0	0	0	0	0	0
III Soil Health and Fertility Management	0	0	0	0	0	0	0	0	0	0
Soil fertility management	0	0	0	0	0	0	0	0	0	0
Integrated water management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0
Balance use of fertilizers	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
IV Livestock Production and Management				0				0	0	0
Dairy Management	2	80	0	80	22	0	22	102	0	102
Poultry Management	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0
Feed & fodder technology	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**2**	**80**	**0**	80	**22**	**0**	**22**	**102**	**0**	**102**
V Home Science/Women empowerment				0				0	0	0
Household food security by kitchen gardening and nutrition gardening	0	0	0	0	0	0	0	0	0	0

Design and development of low/minimum cost diet	1	0	19	19	0	0	0	0	19	19
Designing and development for high nutrient efficiency diet	1	0	0	0	15	1	0	15	1	16
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0
Processing and cooking	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0
Women empowerment	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	2	0	19	19	15	1	0	15	20	35
VI Agril. Engineering				0				0	0	0
Farm Machinery and its maintenance	3	70	22	92	38	12	15	108	34	142
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	15	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	15	0	0	0
Production of small tools and implements	0	0	0	0	0	0	15	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	15	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	15	0	0	0
Post Harvest Technology	0	0	0	0	0	0	**0**	0	0	0
Others (pl specify)	3	17	0	17	40	10	0	57	10	67
Total	**6**	**87**	**22**	**109**	**78**	**22**	**90**	**165**	**44**	**209**
VII Plant Protection				0				0	0	0
Integrated Pest Management	56	1400	804	2204	900	180	20	2300	984	3284
Integrated Disease Management	0	0	0	0	0	0	20	0	0	0
Bio-control of pests and diseases	0	0	0	0	0	0	20	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	20	0	0	0
Others (pl specify)	0	0	0	0	0	0	**0**	0	0	0
Total	**56**	**1400**	**804**	**2204**	**900**	**180**	**80**	**2300**	**984**	**3284**
VIII Fisheries				0				0	0	0
Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
IX Production of Inputs at site	0	0	0	0	0	0	0	0	0	0
Seed Production	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
X Capacity Building and Group Dynamics	1	0	0	0	0	0	0	0	0	0
Leadership development	1	13	3	16	4	2	0	17	5	22
Group dynamics	**5**	**117**	**56**	173	**46**	**21**	30	163	77	240

Formation and Management of SHGs	3	34	32	66	24	8	20	58	40	98
Mobilization of social capital	1	12	17	29	8	11	17	20	28	48
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	1	21	8	29	8	2	0	29	10	39
Total	12	197	116	313	90	44	67	287	160	447
XI Agro-forestry	0	0	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	**100**	**2843**	**993**	**3836**	**1139**	**254**	**316**	**3982**	**1247**	**5229**

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

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	9	416	15	431	22	8	30	438	23	461
Resource Conservation Technologies	13	702	22	724	18	0	18	720	22	742
Cropping Systems	6	240	12	252	5	0	5	245	12	257
Crop Diversification	4	423	8	431	15	8	23	438	16	454
Integrated Farming	2	80	8	88	18	5	23	98	13	111
Micro Irrigation/irrigation	6	241	8	249	19	8	27	260	16	276
Seed production	9	279	16	295	22	2	24	301	18	319
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	10	443	20	463	20	0	20	463	20	483
Soil & water conservation	1	28	5	33	5	0	5	33	5	38
Integrated nutrient management	3	63	13	76	19	8	27	82	21	103
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	63	2915	127	3042	163	39	202	3078	166	3244
II Horticulture				0				0	0	0
a) Vegetable Crops	0	0	0	0	0	0	0	0	0	0
Production of low value and high value crops	0	0	0	0	0	0	0	0	0	0
Off-season vegetables	0	0	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0	0	0
Exotic vegetables	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0
Protective cultivation	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (a)	0	0	0	0	0	0	0	0	0	0
b) Fruits	0	0	0	0	0	0	0	0	0	0
Training and Pruning	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (b)	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants	0	0	0	0	0	0	0	0	0	0
Nursery Management	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (c)	0	0	0	0	0	0	0	0	0	0
d) Plantation crops	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (d)	0	0	0	0	0	0	0	0	0	0
e) Tuber crops	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0

Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (e)	0	0	0	0	0	0	0	0	0	0
f) Spices	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (f)	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (g)	0	0	0	0	0	0	0	0	0	0
Grand Total (a to g)	0	0	0	0	0	0	0	0	0	0
III Soil Health and Fertility Management	0	0	0	0	0	0	0	0	0	0
Soil fertility management	0	0	0	0	0	0	0	0	0	0
Integrated water management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0
Balance use of fertilizers	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
IV Livestock Production and Management				0				0	0	0
Dairy Management	4	112	4	116	29	3	32	141	7	148
Poultry Management	5	133	23	156	26	18	44	159	41	200
Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	1	40	4	44	8	3	11	48	7	55
Disease Management	1	22	7	29	4	3	7	26	10	36
Feed & fodder technology	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	11	307	38	345	67	27	94	374	65	439
V Home Science/Women empowerment				0				0	0	0
Household food security by kitchen gardening and nutrition gardening	0	0	0	0	0	0	0	0	0	0
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0
Processing and cooking	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0
Women empowerment	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
VI Agril. Engineering				0				0	0	0
Farm Machinery and its maintenance	4	90	28	118	11	5	15	101	33	134
Installation and maintenance of micro irrigation systems	1	24	0	24	20	2	22	44	2	46
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	1	23	6	29	5	0	5	28	6	34
Others (pl specify)	3	17	0	17	40	10	50	57	10	67
Total	9	154	34	188	108	24	132	262	58	320
VII Plant Protection				0				0	0	0
Integrated Pest Management	66	1930	1030	2960	1270	330	1600	3200	1360	4560
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	66	1930	1030	2960	1270	330	1600	3200	1360	4560
VIII Fisheries				0				0	0	0
Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
IX Production of Inputs at site	0	0	0	0	0	0	0	0	0	0
Seed Production	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
X Capacity Building and Group Dynamics	0		0	0	0	0	0	0	0	0
Leadership development	1	13	3	16	4	2	6	17	5	22
Group dynamics	9	233	102	335	88	40	128	321	142	463
Formation and Management of SHGs	3	34	32	66	24	8	32	58	40	98
Mobilization of social capital	4	65	46	111	26	17	43	91	63	154
Entrepreneurial development of farmers/youths	3	77	46	123	35	19	54	112	65	177
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	4	142	70	212	52	24	76	194	94	288
Total	**24**	**564**	**299**	**863**	**229**	**110**	**339**	**793**	**409**	**1202**
XI Agro-forestry	0	0	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	**173**	**5870**	**1528**	**7398**	**1837**	**530**	**2367**	**7707**	**2058**	**9765**

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

Area of training	No. of Courses	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Training and pruning of orchards	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Protected cultivation of vegetable crops	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Commercial fruit production	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Integrated farming	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Seed production	3	92	8	**100**	3	6	**9**	**95**	**14**	**109**
Production of organic inputs	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Planting material production	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Vermi-culture	6	183	19	**202**	8	4	**12**	**191**	**23**	**214**
Mushroom Production	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Bee-keeping	2	25	15	**40**	15	5	**20**	**40**	**20**	**60**
Sericulture	2	25	15	**40**	15	5	**20**	**40**	**20**	**60**

Repair and maintenance of farm machinery and implements	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Value addition	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Small scale processing	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Post Harvest Technology	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Tailoring and Stitching	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Rural Crafts	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Production of quality animal products	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Dairying	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Sheep and goat rearing	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Quail farming	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Piggery	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Rabbit farming	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Poultry production	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Ornamental fisheries	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Composite fish culture	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Freshwater prawn culture	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Shrimp farming	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Pearl culture	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Cold water fisheries	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Fish harvest and processing technology	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Fry and fingerling rearing	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
Any other (pl. specify)	0	0	0	**0**	0	0	**0**	**0**	**0**	**0**
TOTAL	**13**	**325**	**57**	**382**	**41**	**20**	**61**	**366**	**77**	**443**

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

Area of training	**No. of Courses**	**No. of Participants**								
		General/ Others			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0
Seed production	2	69	18	87	8	1	9	77	19	96
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Vermi-culture	1	38	7	45	1	1	2	39	8	47
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Bee-keeping	2	36	25	61	12	7	19	48	32	80
Sericulture	2	16	12	28	8	4	12	24	16	40
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Any other (pl. specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**7**	**159**	**62**	**221**	**29**	**13**	**42**	**188**	**75**	**263**

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

Area of training	No. of Courses	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0
Seed production	5	161	26	187	11	7	18	172	33	205
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	18	18	0	0	0	0	18	18
Vermi-culture	7	221	26	247	9	5	14	230	31	261
Mushroom Production	0	58	9	67	0	0	0	58	9	67
Bee-keeping	4	61	40	101	27	12	39	88	52	140
Sericulture	4	41	27	68	23	9	32	64	36	100
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Any other (pl. specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**20**	**484**	**119**	**603**	**70**	**33**	**103**	**612**	**179**	**791**

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	**02**	**163**	**60**	**223**	**28**	**12**	**40**	**280**	**83**	**363**
Integrated Nutrient management	05	153	8	161	5	1	6	158	9	167
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0

Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**7**	**316**	**68**	**384**	**33**	**13**	**46**	**438**	**92**	**530**

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)	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0

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

Area of training	No. of Courses	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	**02**	**163**	**60**	**223**	**28**	**12**	**40**	**280**	**83**	**363**
Integrated Nutrient management	05	153	8	161	5	1	6	158	9	167
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**7**	**316**	**68**	**384**	**33**	**13**	**46**	**438**	**92**	**530**

Sponsored training programmes

Area of training	No. of Courses	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management	0	0	0	0	0	0	0	0	0	0
Increasing production and productivity of crops	0	0	0	0	0	0	0	0	0	0
Commercial production of vegetables	0	0	0	0	0	0	0	0	0	0
Production and value addition	0	0	0	0	0	0	0	0	0	0
Fruit Plants	0	0	0	0	0	0	0	0	0	0
Ornamental plants	0	0	0	0	0	0	0	0	0	0
Spices crops	0	0	0	0	0	0	0	0	0	0
Soil health and fertility management	0	0	0	0	0	0	0	0	0	0
Production of Inputs at site	0	0	0	0	0	0	0	0	0	0
Methods of protective cultivation	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Farm machinery	0	0	0	0	0	0	0	0	0	0
Farm machinery, tools and implements	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Livestock and fisheries	0	0	0	0	0	0	0	0	0	0
Livestock production and management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0
Animal Disease Management	0	0	0	0	0	0	0	0	0	0
Fisheries Nutrition	0	0	0	0	0	0	0	0	0	0
Fisheries Management	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Home Science	0	0	0	0	0	0	0	0	0	0
Household nutritional security	0	0	0	0	0	0	0	0	0	0
Economic empowerment of women	0	0	0	0	0	0	0	0	0	0
Drudgery reduction of women	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Agricultural Extension	0	0	0	0	0	0	0	0	0	0
CapacityBuilding and Group Dynamics	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	0	0	0	0	0	0	0	0	0	0

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

Area of training	No. of Courses	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management	0	0	0	0	0	0	0	0	0	0
Commercial floriculture	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Commercial vegetable production	0	0	0	0	0	0	0	0	0	0
Integrated crop management	0	0	0	0	0	0	0	0	0	0
Organic farming	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Livestock and fisheries	0	0	0	0	0	0	0	0	0	0
Dairy farming	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0

Poultry farming	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Income generation activities	0	0	0	0	0	0	0	0	0	0
Vermicomposting	0	0	0	0	0	0	0	0	0	0
Production of bio-agents, bio-pesticides,	0	0	0	0	0	0	0	0	0	0
bio-fertilizers etc.	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery	0	0	0	0	0	0	0	0	0	0
and implements	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Mushroom cultivation	0	0	0	0	0	0	0	0	0	0
Nursery, grafting etc.	0	0	0	0	0	0	0	0	0	0
Tailoring, stitching, embroidery, dying etc.	0	0	0	0	0	0	0	0	0	0
Agril. para-workers, para-vet training	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Agricultural Extension	0	0	0	0	0	0	0	0	0	0
Capacity building and group dynamics	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0

3.5. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services (Other than KMAS)	36	5890	6	5896
Diagnostic visits	49	410	69	339
Field Day	3	80	07	87
Group discussions	7	182	12	194
Kisan Ghosthi	02	52	2	54
Film Show	2	89	5	94
Self -help groups	0	0	0	0
Kisan Mela	02	270	10	280
Exhibition (Participantion)	03	3561	12	3573
Scientists' visit to farmers field	123	267	10	165
Plant/animal health camps	01	144	4	148
Farm Science Club	0	0	0	0
Ex-trainees Sammelan	0	0	0	0
Farmers' seminar/workshop	0	0	0	0
Method Demonstrations	01	25	5	30
Celebration of important days	04	356	8	364
Special day celebration	03	167	6	183
Exposure visits	02	32	1	33
Others (pl.specify)	0	0	0	0
Total	**238**	**11525**	**157**	**11440**

Details of other extension programmes:

Particulars	Number
Electronic Media (CD./DVD)	00
Extension Literature	05
Newspaper coverage	78
Popular articles	17
Radio Talks	29

TV Talks	07
Animal health camps (Number of animals treated)	02
Social Media (face book, Whastsapp, Instagram, KVK Portal)	04
Others (pl. specify)	00
Total	**79**

3.6 Online activities during year 2022

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	Online Farmers training	Zoom	Integrated Pest management	02	312
2	Online Farmers training	Zoom	on management of Dairy calf	01	96
3	Online Farmers training	Webex	Winter management of Buffaloes	01	107
4	Online Farmers training	Zoom	Cropping Pattern and Crop water Requirment	01	46
	Total			**05**	**561**
B	Farmers scientist's interaction programme	00	00	00	00
	Total	00	00	00	00
C	Farmers seminars	00	00	00	00
	Total	00	00	00	00
D	Expert lectures	00	00	00	00
	Total	00	00	00	00
E	Any other (Pl. specify)	00	00	00	00
	Total	00	00	00	00
	Grand Total (A+B+C+D+E)	**00**	**00**	**05**	**561**

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

Production of seeds by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals	--	--	--	--	--	--
Oilseeds	Soybean	AMS-100-39	-	03 Q	--	--
		AMS-MB-5-18	-	13 Q	--	--
Pulses	--	--	--	--	--	--
Commercial crops	--	--	--	--	--	--
Vegetables	--	--	--	--	--	--
Flower crops	--	--	--	--	--	--
Spices	--	--	--	--	--	--
Fodder crop seeds	--	--	--	--	--	--
Fiber crops	--	--	--	--	--	--
Forest Species	--	--	--	--	--	--
Others	--	--	--	--	--	--
Total	--	--	--	**16**	--	--

Production of planting materials by the KVK

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

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity Kg/Lit	Value (Rs.)	No. of Farmers
Bio Fertilizers				
Pigeon pea	Rhizobium+PSB	26.5	5300	82
Cotton	Azatobacter + PSB	93.5	18700	65
Soybean	Rhizobium+PSB	176	35200	126
	Trichoderma	40.75	10595	53
Bio-pesticide				
Bio-fungicide				
Bio Agents				
Others	Azolla	4 Kg	320	4
Total				

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	Title	Authors name	Number
Research papers	--	--	--
Technical reports	--	--	--
News letters	--	--	--
Technical bulletins	--	--	--
Popular articles	--	--	--
Extension literature	Kitaknashakanchi Kharedi, Hatalni, Fawarni kartana ghyavayachi kalji	Dr. P.N. Magar Dr. S.U. Nemade	2000
	Trichogramma Nirmiti Tantradnyan	Dr. P.N. Magar Dr. S.U. Nemade	2000
Others (Pl. specify)			
TOTAL	**02**		**4000**

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	Title of social media	Number of Followers/ Subscribers
1	YouTube Channel (no of video uploaded)	36	Youtube Chanel KVK Yavatmal	178
2	Facebook page/ Account (no of Post)	57	KVK Yavatmal	1100
3	Mobile Apps	0	0	0
4	WhatsApp groups	15		514
5	Twitter Account	17	KVK Yavamal	19
6	Any other (Pl. Specify)			

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

1. **Name of the Farmer:** Shri.Vikas Mohanrao Kshirsagar
2. **Marital Status & Gender**: Married & Male
3. **Date and place of birth:** 20.07.1987 at Kopa Mandavi
4. **Postal address**: At Kopa Mandavi,Post Sunna, Taluka Kelapur, District. Yavatmal
5. **Mobile No**. 08668414154
6. **e-mail:** kshirsagarvikas7@gmail.com
7. **Formal/ informal education:** B. Sc (Microbiology)

Development/Adoption of resource conservation Technologies package of practices & brought radical change in management package in **contributing record production from Apiculture.**

Shri. Vikas Kshirsagar, Patanbori, Tahsil-Kelapur, Dist. Yavatmal, has completed B. Sc (Microbiology) degree and after that he had worked in private company with attractive salary. But any how he was not satisfied with himself because of the responsibility of families and his own desires to do something best for him, his family and the society too. He has decided to quit his job and start his own subsidiary business. With this view and self motivation, he has visited to Krishi Vigyan Kendra, Yavatmal-I (Dr. PDKV, Akola) and actively discussed with KVK, Experts regarding the subsidiary businesses related to Agriculture and farming system. He has been motivated and directed to initiate **"Bee Keeping"** as subsidiary business and advised to participate in the training programme on Apiculture at KVK, Yavatmal-I in the year 2016-17. As a outcome of the training, he acquired fundamental & technical knowledge about bee keeping and stared bee keeping with 10 bee hive boxes having an investment of Rs 50,000 only. Gradually he became more popular with his expertise in 07 types of multi flora honey production, pollens, bee wax, live bee colonies, bee boxes on rent for pollination and multi flora as well as single flora honey.

		
Participation in collection of Honey programme	Participation in Interpunership development programme	Madhur honey products

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	PB Knot technology for cotton crop	Majority of the farmers from Yavatmal district are cultivated cotton crop. Last few years they are suffering sevral pest & disease like Pink Bollworm, Boll Rot for control and minimizing expenditure Krishi Vigyan Kendra, Yavatmal-I implemented PB knot technology for cotton crop at Undarni & Rampur village on 48 ha. Area Pink bollworm management

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

A. Practicing Farmers

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

B. Rural Youth

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

C. In-service personnel

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

5.2. Indicate the methodology for identifying OFTs/FLDs

For OFT:

PRA First developed an understanding of the farmers, there faring systems, resources and established rapport with them. Gathered information on cropping system, present level of use of inputs and productivity of major crops, identified the problem and its causes of the area by group discussion, meeting with opinion leaders, individual contact, visiting villages and farms. A meeting of interested farmers was also organized to spell out the problem. The activities of the KVK were planned and chalked out keeping in view the thrust areas identified. The technological solutions available at hand were compared with the resources available. The solutions for the gaps related to technological, extension and research were identified and were prioritized according to severity and assessed needs of the farmers in question.

ii) Problem identified from Matrix

S.N.	Subject	Matrix ranking problem
1.	**Agronomy**	• Low yield in cotton • Low yield in chickpea • Low yield in soybean • Low yield in Pigeonpea • Low yield in greengram and blackgram • Low yield in wheat • Low yield in Jowar
2	**Plant protection**	• Technology dissemination for cost effective and efficient plant protection. • Introduction of high yielding varieties with appropriate plant protection strategy • Improvement in productivity and quality of Onion, Okra production • Utilization of biocontrol agents in the pest and disease management • Lack of knowledge regarding recommended insecticides with label claim • Poor knowledge of eco-friendly plant protection measures • Safe use of pesticide
3.	**Agriculture Extension**	• Awareness about improved technology • 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
	Agril. Engineering	• Mechanization of small farmers: popularization of new and small agricultural machinery and implements • Low cost technology for soil and water conservation • Repairs and maintenance of farm implements • Green house technology for control environment crop production • Popularization of renewable energy gadgets. • Drainage management

5.3. Field activities

i.Name of villages identified/adopted with block name	Rampur	Undarni	Shiroli
No. of farm families selected per village	115	154	766
No. of survey/PRA conducted	01	01	01
No. of technologies taken to the adopted villages	04	04	04
Name of the technologies found suitable by the farmers of the adopted villages	Cropping production technology, IPM, Farm mechanization, Enterpurnership development through subsidiary business	ICM technology, IPM technology, Farm mechanization, Enterpunership development through subsidiary business	ICM technology, IPM technology, Farm mechanization, Enterpunership development through subsidiary business
Impact (production, income, employment, area/technological– horizontal/vertical)	Horizontal	Horizontal	Horizontal
Constraints if any in the continued application of these improved technologies	Improved ICM & IPM technology, Financial management through line department, Application of Fertilizer through soil test based & Specific use of pesticides	Improved ICM & IPM technology, Financial management through line department, Application of Fertilizer through soil test based & Specific use of pesticides	Improved ICM & IPM technology, Financial management through line department, Application of Fertilizer through soil test based & Specific use of pesticides

6. LINKAGES

A. Functional linkage with different organizations

Sl.No.	Name of organization	Nature of Linkage
1	District Superintending Agricultural Officer, Yavatmal	A member of Scientific Advisory Committee. Organizes sponsored trainings. Participation in trainings as Master Trainers, organizing joint fortnightly visits to farmers fields and extending technical support in plant protection and related agricultural problems Two farm ponds under EGS are sanctioned and dug. Obtained NSK powder from T.A.O., Darwha. Activity evolved in action plan of mealy bug by management under programme coordinator ,KVK, is a & also for organization of Krishi Doot Training.
2	Project Director, Agricultural Technology Management Agency (ATMA), Yavatmal	Member of Scientific Advisory Committee. Held weekly meeting regarding agricultural development in the District Collector office. Undertaken a joint programme on mass media communication for dissemination of agricultural technology with the involvement of A.I.R., Yavatmal prepared strategic research and extension plan (SREP) of Yavatmal district for implementation under ATMA.
3	District Sericulture Development Officer, Yavatmal	Member of Scientific Advisory Committee programme jointly organized to motivate farmers for sericulture entrepreneurship and scheme convergence.
4	District Fisheries Development Officer, Yavatmal	Member of Scientific Advisory Committee motiving KVK farmers for scheme convergence.
5	Department of Animal Husbandry, Yavatmal	Member of Scientific Advisory Committee the veterinary sciences are utilized by KVK for animal health camps.
6	Agricultural Development Officer, Zilla Parishad, Yavatmal	Member of Scientific Advisory Committee. Participation in meetings, seminar and conduction of diagnostic team visits. Obtained land use and crop cultivation record of the district.
7	Department of Social Forestry, Yavatmal	Member of Scientific Advisory Committee. Extended technical guidance on the problem of drying of teak wood plantation programme executed.
8	M.A.I.D.C. Ltd., Yavatmal	Provides agro-chemicals for research and demonstration purposes.
9	M.S.S.I.D.C. Ltd., Yavatmal	Member of Scientific Advisory Committee.
10	C.I.C.R., Nagpur	Member of Scientific Advisory Committee. Obtained publications and literature on cotton crop.
11	N.R.C.C., Nagpur	Member of Scientific Advisory Committee. Obtained publications and literature on citrus.
12	All India Radio, Yavatmal	Member of Scientific Advisory Committee. Broadcast the message related to agriculture, radio talks and participation in question and answer / farmers queries

		programme.
13	Press Information Bureau, Yavatmal	Publicity of popular articles from time to time and occasional interviews of Training Organizer of this KVK centre.
14	NHB and NHM	Funding agency for establishment of nursery at KVK, Yavatmal
15	National Medicinal and Aromatic Plant Board	Provide resource persons for different horticultural programmes conducted under NHM.
16	MSSCl, Yavatmal	Act as a supply source of seed material of agronomical and horticultural crops to KVK, Yavatmal for farm demonstrations, OFT and FLDs.
17	ITC Choupal Sagar	Marketing of soybean grains. Extending technical support to ITC cultivators, training and Mela
18	NABARD	Formation KVK- NABARD farmers club and project sanctioning to KVK contacties.
19	ATMA	Funds mobilized for Innovative Extension Education programmes and entrepreneurship development
20		
21	District Dealers Association, Yavatmal	Jointly organization training and Krishi Mela and Technology dissemination through Krishi Sanwadini distribution.
22	District Collectorate and revenue	As a ATMA distict member. Involvement of KVK in 'kklu vkiY;k nkjh programme.
23	Forest Department, Pandharkawada and Yavatmal Division	Introduction of Lac insects in many a forest range/s through programme of lac cultivation.
24	World Vision of India	Supporting technical knowledge how for livelihood and area development programme by entrepreneurship development.
25	Chetana Organizaton, Ghatanji	
26	Vikas Ganga, Ghatanji	
27	Vidarbha Rural Reconstruction Trust, Kongara	Technical support and scheme convergence for farmers.
28	District Information Office	Technical dissemination and news publish.
29	Agro-One (Daily News Paper for farmers)	Jointly Krishi Mela organization and technical support in form of resource persons.
30	CIAE, Bhopal	Technical support and scheme convergence for farmers.
31	MAVIM, Yavatmal	SHG Training
32	PHC, Yavatmal district	Medical camp organization of OFT, FLD's
33	Cottage Hospital, Pandharkawda	Medical camp organization of OFT, FLD's
34	District Health Laboratory, Yavatmal	OFT, FLD's water testing
35	Health Laboratory, Yavatmal	Water Testing
36	MAU Parbhani	Technical FLD, OFT's
37	District Project Coordination Committee, Yavtmal	Nominated for DPCC
38	RCF, Ltd	Associated as a mass media for technology dissemination through Kisan Melava and source of soil testing.
39	RCOF, Nagpur	Organic farming
40	ShramShakti Pratishthan, Wardha	Jointly organization of training programmes and technical support in form of resource persons.
41	Dist. Dairy Devlop. Officer	Technical support and scheme convergence for farmers.
42	Veterinary Department	Sparing services in Training and Extension services of one other
43	Zilha Parishad, Agriculture	Invited member in Krishi Samiti of Zilha Parishad, heded by ZP Vice Chairman, working as a Nodal Officer in Agriculture Exhibition.
44	Community Social Responsibility Unit of Reliance Sector.	Providing platform of form cables for University's Technology Dissemination.
45	Reliance Foundation Regional Office, Yavatmal	Associated as a mass media for technology dissemination
46	Gram Sudhar Mandal, Babhulgaon	Jointly organization of training programmes and technical support in form of resource persons.
47	AFPRO Yavatmal	Associated as a mass media for technology dissemination through Kisan Melava and Training
48	ISHA foundation	Sparing services in Training and Extension services of one other
49	AFARM Yavatmal	Associated as a mass media for technology dissemination through Kisan Melava and Training.
50	ICICI foundation	Training
51	IFFCO Yavatmal	Training & Demonstration

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

Name of the scheme	Date/ Month of initiation	Funding agency(State Govt./Other Agencies)	Amount (Rs.)
IRM-NFSM	January 2022	State Government	4,25,000
Crop SAP	January 2022	State Government	40,000
RKVY	January 2022	RKVY	4,33,200
Drone Purchase	December 2022	ICAR	10,000,00
Drone Demonstration	December 2022	ICAR	7,50,000

C. Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

As per the need from ATMA office we are jointly organized short and long duration trainings for farmers and Rural youth also working as nodel training institute for DAESI programme. as a expert of the KVK, involved in various trainings programmes organized by ATMA.

Coordination activities between KVK and ATMA

S. No.	Programme	Particulars	No. of programmes attended by KVK staff	No. of programmes Organized by KVK	No of Farmers attending
01	**Meetings**	ATMA planning meeting	**04**	**06**	**10**
		District Millets year celebrated	**03**	**01**	**09**
02	**Research projects**	--	--	--	--
03	**Training programmes**	--	--	--	--
04	**Demonstrations**	--	--	--	--
05	**Extension Programmes**	--	--	--	--
	KisanMela	--	--	--	--
	Technology Week	--	--	--	--
	Exposure visit	--	--	--	--
	Exhibition (Participation)	**Krushi Mahostav**	**12**	**01**	**1265**
	Soil health camps	--	--	--	--
	Animal Health Campaigns	--	--	--	--
	Others (Pl. specify)	--	--	--	--
06	**Publications**				
	Video Films	--	--	--	--
	Books	--	--	--	--
	Book chapter	--	--	--	--
	Extension Literature	--	--	--	--
	Pamphlets	--	--	--	--
	Others (Pl. specify)	--	--	--	--
07	**Other Activities** (Pl.specify)				
	Watershed approach	--	--	--	--
	Integrated Farm Development	--	--	--	--
	Agri-preneurs development	--	--	--	--

D. Give details of programmes implemented under National Horticultural Mission

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

E. Nature of linkage with National Fisheries Development Board

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

F. Details of linkage with RKVY

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks
1	RKVY	University Dr. PDKV Akola	4,33,200/-	3,35,026/-	

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
01	IRM NFSM	CICR, Nagpur	4,25,000/-	4,04,178/-	--

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

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

7. Convergence with other agencies and departments:

8. Innovative Farmers Meet

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

9. Farmers Field School (FFS)

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

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

S. No	Feed Back of the farmers about the technologies demonstrated and assessed
1	Chick pea – var. demo High yielding variety
2	Pigeon pea – ICM Good technology required to be demonstrated widely
3	Need to develop pink bollworm and sucking pest resistance varieties of cotton
4	Need new resistance verity for crop production
5	Need of pest and disease resistance and high yielding varieties
6	Low cost management of pests in soybean
7	Low cost management of pink bollworm in cotton by using biocontrol agents
8	Availability of fresh nutria vegetable
9	Increase in body weight gain and milk gain

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

1	Soybean – var. demo Accepted and demand for next season
2	Pigeonpea – ICM Accepted and demand for next season
3	Due to seed treatment mana**g**ement of root rot in soybean can be ac**h**ieved
4	Use Biopesticides and Inte**g**rated Pest Management is very important and I am usin**g** pesticides as per need and as last option
5	Accepted mini solar tunel dryer technology by farmers

11. Technology Week celebration during 2022: 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	0	0	0
Lectures organized	05	157	Lumpy skin disease awareness in farmers
Exhibition	0	0	0
Film show	0	0	0
Fair	0	0	0
Farm Visit	0	0	0
Diagnostic Practical's	02	22	Regarding vaccination and dewarming
Supply of Literature (No.)	0	0	0
Supply of Seed (q)	0	0	0
Supply of Planting materials (No.)	0	0	0
Bio Product supply (Kg)	0	0	0
Bio Fertilizers (q)	0	0	0
Supply of fingerlings	0	0	0
Supply of Livestock specimen (No.)	0	0	0
Total number of farmers visited the technology week	0	0	0

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

A. Introduction of alternate crops/varieties

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

B. Major area coverage under alternate crops/varieties

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

C. Farmers-scientists interaction on livestock management

State	Livestock components	Number of interactions	No. of participants
Maharashtra	Goat cattle , buffalo	07	86
Total		**07**	**86**

D. Animal health camps organized

State	Number of camps	No. of animals	No. of farmers
Maharashtra	01	184	117
Total	**01**	**184**	**117**

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

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

F. Large scale adoption of resource conservation technologies

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

G. Awareness campaign

State	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers
	10	90	00	00	03	87	00	00	03	3573	02	94
Total	10	90	00	00								

13. IMPACT

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Integrated Crop Management Practices in Pigeon pea (CFLD) for year 2022	50	63.00	94050	119460
Integrated Crop Management Practices in Chick pea (CFLD) for year 2022	50	68.00	80437	98063

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants.

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 2022	01	94	01
Feb 2022	01	126	00
March 2022	0	0	0
April 2022	02	2324	0
May 2022	0	0	0
Jun 2022	04	2380	0
Jul 2022	03	2947	0
Aug 2022	03	3406	0
Sept 2022	01	3469	0
Oct 2022	0	0	0
Nov. 2022	04	11280	0
Dec. 2022	03	11277	0

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
Yavatmal-I	Text only	12	2	3	1	2	2	22
	Voice only	0	0	0	0	0	0	0
	Voice & Text both	0	0	0	0	0	0	0
	Total Messages	**12**	**2**	**3**	**1**	**2**	**2**	**22**
	Total farmers Benefitted	**11277**	**2380**	**2324**	**126**	**3406**	**2947**	**11277**

15. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

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

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

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Cereals									
Pulses									
Oilseeds									
Fibers									
Spices & Plantation crops									
Floriculture									
Fruits									
Vegetables									
Others (specify)									

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

Sl. No.	Bio Products	Name of the Product	Qty (kg/lit)	Amount (Rs.)		Remarks
				Cost of inputs	Gross income	
1	Bio-Fertilizers	--	--	--	--	--
2	Bio-Fungicides	--	--	--	--	--
3	Bio-pesticides	--	--	--	--	--
	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 **2022**	57	03	--

February **2022**	34	03	--
March **2022**	18	03	--
April **2022**	--	--	--
May **2022**	--	--	--
June **2022**	--	--	--
July **2022**	--	--	--
August **2022**	--	--	--
September **2022**	--	--	--
October **2022**	--	--	--
November **2022**	--	--	--
December **2022**	--	--	--

F. Database management

S. No	Database target	Database created
01	**6000**	**3000**

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
	Vegetable crops	--	--
	Fruit crops	--	--
	Others if any	--	--

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

No. of Villages covered	Component of Nutritional Garden	No. of species / plants in nutritional garden	No. of farmers covered
Malwani Tal Ghatanji	Vegetable crops	Green Leafy vegetable, vine type, Roos & tubers and other vegetable	25
	Fruit crops	--	--
	Others if any	--	--

H. Details of Skill Development Trainings organized

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

17. FINANCIAL PERFORMANCE

A. Details of KVK Bank accounts

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

B. Utilization of KVK funds during the year 2022-23 (Rs. in lakh) (Till Dec, 2022)

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	**Pay & Allowances**	1,85,00,000	1,85,00,000	1,67,37,295
2	**Traveling allowances**	1,05,000	1,05,000	1,24,190
3	**Contingencies**	9,70,000	9,70,000	9,92,510
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	**Works**			
2	**Equipments including SWTL & Furniture**			
3	**Vehicle** (Four wheeler/Two wheeler, please specify)			
4	**Library** (Purchase of assets like books & journals)			
TOTAL (B)		1,95,75,000	1,95,75,000	1,78,53,995
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year
April 2018 to March 2019	2455626	779390	269338	3197494
April 2019 to March 2020	31,97,494	1476267	1008239	4439825
April 2020 to March 2021	4439825	1962416	74724	6466856
April 2021 to March, 2022	6466856	405981	204446	6759242
April 2022 to March 2023	6759242	398990	1560535	5650177

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. P.N. Magar	**SMS (Entomology)**	**Drone Remote Pilot Training**	**MPKV, Rahuri**	**Offline**	**20/03/2022 to 22/03/2022**
Dr. P.N. Magar	**SMS (Entomology)**	21 Days International Training Cum Certificate Course on Agriculture Drones "Revolutionizing the future of Agriculture"	Agri Meet Foundation and Aviana with ICAR-IISR, UPCAR, Lucknow, MPUAT, CAIE, NABARD, NAHEP 7 ITM University, Gwalior	**Online**	**21.05.2022 to 11.06.2022**
Dr. P.N. Magar	**SMS (Entomology)**	21 Days Faculty Development Programme on "Role of Science and Technology in Sustainable Agriculture, Horticulture, Animal Husbandry and allied Sectors: A Retrospective and Prospective Approach"	ICAR-Indian Grassland and Fodder Research Institute, Palampur and NADCL, Baramulla	**Online**	**09.11.2022 to 29.11.2022**
Dr. P.N. Magar	**SMS (Entomology)**	Certified Farm Advisor (Organic Farming)	MANAGE, Hyderabad & IIFSR, Meerut	**Hybrid**	**15.03.2023**
Mr. M. B. Dhole	SMS (Extn Educ.)	National development Programme	MANAGE, Hyderabad	Online	17.01.2022 to 22.01.2022
Mr. R. M. Deshmukh	PA (Computer)	Video editing & Conferencing in social media	EEI, Anand (Gujarat)	Offline	30.05.2022 to 03.06.2022

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	After
Shivani	175	FLD, OFT, Trainings, Enterpuneship development through SHG, farm mechanization	125	43,000/ annum	49,000/ annum
Kothmba	403	FLD, OFT, Trainings, Enterpuneship development through SHG, farm mechanization	137	38,000/ annum	45,000/ annum
Madani	471	FLD, OFT, Trainings, Enterpuneship development through SHG, farm mechanization	271	35,000/ annum	42,000/ annum

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

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

20. Details of Progress of ARYA Project

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

21. Details of SAP

S. No.	*Types of major Activity conducted- Swachhta Pakhwada, Cleaning, Awareness Workshop, Microbial based Agricultural Waste Management by Vermicomposting etc.*	No. of Programmes conducted	No. of Participants
1	***KVK Yavatmal organized awareness campaign on Swachata week during 02.10.2022 to 31.10.2022 at various places***	09	337

21. Books published 2022-23

Title of the Book	Authors	ISBN No (Optional) / Pages No	Description/review of the book (one paragraph/sentence)
Kapus Lagwad Tantradnyan: Pik, Kid v Rog Vyavasthapan	**Dr. P.N. Magar Dr. S. U. Nemade S.S. Kale Dr. G.U. Kaluse**	**39**	This book is published on Integrated Crop, Pest and Disease Management in Cotton Crop covering every aspects of cultivation and agronomical practices, Crop Management, Integrated Pest Management, Integrated Disease Management under NFSM Project on IRM: Dissemination of Pink bollworm management strategies

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

APR SUMMARY

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

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	173	7707	2058	9765
Rural youths	20	612	179	791
Extension functionaries	07	438	92	530
Sponsored Training	00	00	00	00
Vocational Training	00	00	00	00
Total	**200**	**8757**	**2329**	**11086**

2. Frontline demonstrations

Crops/Enterprise	No. of Farmers	Area(ha)	Units/Animals
Oilseeds	92	35.2	0
Pulses	100	40	0
Cereals	0	0	0
Vegetables	0	0	0
Other crops	13	5.2	0
Hybrid crops	0	0	0
Total	205	80.4	0
Livestock & Fisheries	26	0	0
Other enterprises	38	0	0
Total	64	0	0
Grand Total	269	80.4	0

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	04	04	28
Livestock	02	02	26
Various enterprises	02	02	38
Total	08	08	92
Technology Refined			
Crops	0	0	0
Livestock	0	0	0
Various enterprises	0	0	0
Total	0	0	0
Grand Total	08	08	92

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	238	11440
Other extension activities	79	-
Total	317	11440

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Awar e-ness	Other enterprise	Total
	Text only	12	2	3	1	2	2	22
	Voice only	0	0	0	0	0	0	0
	Voice & Text both	0	0	0	0	0	0	0
	Total Messages	**12**	**2**	**3**	**1**	**2**	**2**	**22**
	Total farmers Benefitted	**11277**	**2380**	**2324**	**126**	**3406**	**2947**	**11277**

6. Seed & Planting Material Production

	Quintal/Number	Value (Rs.)
Seed (q)	16	00
Planting material (No.)	0	0
Bio-Products (kg)	337	69795
Livestock Production (No.)	0	0
Fishery production (No.)	0	0

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value (Rs.)
Soil	744	148800
Water	00	00
Plant	00	00
Total	**744**	**148800**

8. HRD and Publications

Sr. No.	Category	Number
1	Abstract	**00**
2	Workshops	08
3	Conferences	00
4	Meetings	25
5	Trainings for KVK officials	03
6	Visits of KVK officials	05
7	Book published	01
8	Training Manual	00
9	Book chapters	00
10	Booklet	01
11	Leaflets/ Folder/ Pamphlet	05
12	Research papers	00
13	Technical Bulletin	00
14	Popular article	15
15	Lead papers	00
16	Seminar papers	00
17	Extension folder	00
18	Proceedings	00
19	Award & recognition	00
20	On-going research projects	01
21	Other	00