ICAR-ATARI, Pune
DETAILS OF ANNUAL PROGRESS REPORT OF KVKs DURING 2020
(January 2020 to December 2020)

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 (75391)

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. Year of sanction:

1.5. Staff Position (as on 31 December, 2020)

				If Permanent, Please indicate			If Temporary, pl. indicate the consolidated amount paid (Rs./month)
Sl. No.	**Sanctioned post**	**Name of the incumbent**	**Discipline**	**Current Pay Band**	**Current Grade Pay**	**Date of joining**	
1.	Senior Scientist and Head	Dr. S. U. Nemade	Agronomy	37400-67000	9000	01/07/2017	Permanent
2.	Subject Matter Specialist	Mrs. Nilima V. Patil	SMS (Home Science)	15600-39100	7000	21/02/2008	Physically Working at Food technology

							college, Yavatmal
3.	Subject Matter Specialist	Mr M. B..Dhole	SMS (Agril.Extn)	15600-39100	5400	22/09/2016	Permanent
4.	Subject Matter Specialist	Dr. K.W.Sarap	SMS (AHDS)	15600-39100	5400	01/10/2016	Permanent
5.	Subject Matter Specialist	Dr. Sukesani Saumitra Wane	SMS (Agril Engg)	15600-39100	5400	04/10/2016	Permanent
6.	Subject Matter Specialist	Dr. P. N. Magar	SMS (Entomology)	15600-39100	5400	26/12/2016	Permanent
7.	Subject Matter Specialist	Vacant	SMS (Agronomy)	Vacant	Vacant	Vacant	Vacant
8.	Programme Assistant	Mr V.D. Rathod	Programme Assi (Lab Tech)	9300-34800	4200	05/08/2016	Permanent
9.	Computer Programmer	Mr R.M. Deshmukh	Programme Assi (Comp)	9300-34800	4200	08/08/2016	Permanent
10.	Farm Manager	Mr K.D. Shirsat	Farm Manager	9300-34800	4200	04/01/2017	Permanent
11.	Accountant/Superintendent	Mr P. N. Ramteke	ASO	9300-34800	4200	10/08/2016	Permanent
12.	Stenographer	Mr L. S. Gaikwad	Stenographer	5200-20200	2400	08/09/2016	Permanent
13.	Driver 1	Shri.V. B. Borse	Driver	5200-20200	2000	10/10/2016	Physically Working at Registar office, Dr. PDKV, Akola
14.	Driver 2	Shri. A. R. Kadu	Driver	5200-20200	2000	13/10/2016	Permanent
15.	Supporting staff 1	Ku. Ashwini D. Mahurkar	Skill Helper	5200-20200	1800	04/10/2018	Permanent
16.	Supporting staff 2	Mr. Baratshing Sulane	Skill Helper	5200-20200	1800	10/10/2018	Permanent

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	3.40
2.	Under Demonstration Units	1.00
3.	Under Crops	13.60
4.	Horticulture	1.40
5.	Pond	0.40

6.	Others if any	0.20
	Total	20.00

1.7. Infrastructural Development:

A) Buildings

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
TATA SUMO SE+	2005	4,52,455.00	42292	Not in working
Bolero SL	2019		3612	Working
HERO HONDA SPL +	2006	50000.00	32729	Not in Working
Tractor	2012	4,50,000	8016 hrs	Good Condition

C) Equipments & AV aids

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

M.B. Plough	2008	20625.00	Under Repair
9 Tyne Cultivator	2007	20625.00	Under Repair

1.8. Details of SAC meetings conducted in the year 2020

Date	Name and Designation of Participants	Salient Recommendations	Action taken
20.06.2020	Hon'ble Dr. V. M Bhale, VC, Dr. PDKV, Akola Dr. Dr. D. M. Mankar, DEE, Dr. PDKV, Akola	As expert of KVK share knowledge on suplimentory feed & Disease management of animal for increase dairy enterprenuship	SMS AHDS
		Organization different demonstration unit at KVK campus	Senior Scientist & Head and all SMS
		Implement OFT with treatement 3	Senior Scientist & Head and all SMS
		Establish bee keeping demonstration unit at KVK	SMS plant protection
		Update KVK portal with latest information i.e. training , news and photos etc.	SMS extension education

2. DETAILS OF DISTRICT / JURISDICTION AREA OF KVK (9 Talukas)

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

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

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

a) Soil type

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

b)Topography

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

2.3 Soil Types

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

2.4. Area, Production and Productivity of major crops cultivated in the area of jurisdiction of KVK (2019)

S. No	Crop	Area (ha)	Production (MT)	Productivity (q /ha)
1	Cotton	476916	543824.5	554
2	Jawar	12591	3249.7	258
3	Redgram	118281	36925.0	313
4	Soybean	267345	228660.2	855
5	Greengram	5610	1503.50	268
6	Blackgram	5196	1521.4	293
7	wheat	45633	89847.4	1590
8	Chickpea	113611	187583.1	1842.20

Source: District agriculture department, Yavatmal

2.5. Weather data (2020)

Month	Rainfall (mm)	Temperature 0 C		Relative Humidity (%)	
		Maximum	Minimum	Maximum	Minimum
January	0	29.8	13.9	52.9	33.6
February	0	33.6	17.2	49.4	35.0
March	0	36.7	21.4	30.1	24.8
April	13.2	41.2	25.7	48.23	39.46
May	5.6	43.6	29.4	34.06	25.74
June	227.6	35.2	23.1	69.16	52.76
July	496	28.3	22.0	84.22	82.67
August	178.7	28.1	21.2	81.83	73.22
September	121.8	32.2	21.1	70.3	62.83
October	0	46.2	19.1	58.61	49.45
November	0	33.6	19.9	42.73	44.8

December	20.2	28.5	12.8	52.74	44.67
Total	**1063.1**	**417**	**246.8**	**674.28**	**569**

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

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

2.7. Details of Operational area / Villages

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

	Asthi	Cotton, Soybean, Pigeon Pea & Chick pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation	INM, IPM & ICM
	Donoda	Pigeon pea & Wheat	Wilt infestation & Fertilizer Management	INM, IPM & ICM
	Kotha	Cotton & Wheat	Pink bollworm infestation, Wilt infestation & Fertilizer Management	INM, IPM & ICM
	Nanza	Pigeon pea, Soybean & Chick pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt	INM, IPM & ICM
Yavatmal	Savargad	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Pandhari	Cotton & Wheat	Pink bollworm infestation & Wilt infestation & Fertilizer Management	INM, IPM & ICM
	Jambh	Cotton & Pigeon pea	wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Dighori	Cotton	Pink bollworm infestation	IPM & Pest Management
	Loni	Fodder	Insufficient green fodder	Fodder Management
	Saykheda	Poultry	Low weight gain in local poultry bird.	Poultry management
Pandharkawada	Mauda	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Patan bori	Pigeon pea & Chick pea	wilt in pigeon pea & Chick pea	ICM , IPM & Pest Management
	Pandharkawada	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
ZariJamani	Dorli	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Pivardol	Cotton & Wheat	Pink bollworm infestation & Wilt infestation & Fertilizer Management	INM, IPM & ICM
	Khadakdoh	Cotton & Pigeon pea	wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Mukutban	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Marki Bk	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
Babhulgaon	Madani	Cotton & Wheat	Pink bollworm infestation, Wilt infestation & Fertilizer Management	INM, IPM & ICM
	Borgaon	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Kotamba	Cotton & Wheat	Pink bollworm infestation, Wilt infestation & Fertilizer Management	INM, IPM & ICM
	Gadva	Cotton & Wheat	Pink bollworm infestation, Wilt infestation & Fertilizer Management	INM, IPM & ICM

	Sarphali	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
Wani	Madra	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Nandepera	Cotton, Soybean , Pigeon pea & Chick pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Naigaon	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Nimbhala road	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Velabai	Cotton, Soybean & Pigeon pea	Pod formation, fertilizer Management in Soybean, wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
Maregaon	Hatvanjari	Cotton & Pigeon pea	Wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Chinchala	Cotton & Pigeon pea	Wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Kinhala	Cotton & Pigeon pea	Wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Pahapal	Cotton & Pigeon pea	Wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM
	Sarati	Cotton & Pigeon pea	Wilt in pigeon pea, Para wilt & Pink bollworm infestation.	INM, IPM & ICM

2.8. Priority thrust areas:

Crop/Enterprise	**Thrust area**
Agronomy	• Improving productivity of cotton, chickpea, soybean, pigeonpea, Jowar, wheat, greengram and blackgram. • Approaching to advance cropping system. • Crop diversification in cotton based cropping system. • Approach towards sustainable agriculture. • Approach towards INM • In-situ moisture conservation techniques • Motivation of the farmers towards the adoption of new improved cultivars
Animal Science	• Fodder cultivation for self sufficiency in feed & fodder • Reducing the cost of feed due to enrichment • Identifying mineral Deficiency • Improper feeding management in poultry

Plant protection	• Technology dissemination for cost effective and efficient plant protection. • Introduction of high yielding varieties with appropriate plant protection strategy • Improvement in productivity and quality of Onion, Okra production • Utilization of biocontrol agents in the pest and disease management • Lack of knowledge regarding recommended insecticides with label claim • Poor knowledge of eco-friendly plant protection measures • Safe use of pesticide
Agril Engg	• Farm Mechanization • Water management and Micro-irrigation • Watershed Management • Renewable energy sources • Post harvest technology
Exten. Education	• Effective Transfer of Technology through Group Commodity • Entrepreneurship development of Farming Community. • Farm Mechanization • Technology dissemination through training & extension activities. • Promotion of cultivation technologies for group commodity

3. TECHNICAL ACHIEVEMENTS

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

OFT				FLD			
1				2			
Number of OFTs		Number of farmers		Number of FLDs		Number of farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
08	08	75	75	10	10	256	256

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
74	74	3316	3316	91	91	2231	2231

Seed Production (Qtl.)		Planting materials (Nos.)	
5		6	
Target	Achievement	Target	Achievement
--	30	--	--

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

3.1. B. Operational areas details during the year 2020

S.No.	Major crops & enterprises being practiced in cluster villages	Prioritized problems in these crops/ enterprise	Extent of area (ha/No.) affected by the problem in the district	Names of Cluster Villages identified for intervention	Intervention (OFT, FLD, Training, extension activity etc.)*
1	Assess the performance of Post emergence (PoE) application of Clodinafop Propargyl +Metasulfuran Methyl @(0.06+0.004Kg ai/ha) (Premix) in wheat crop At 35DAS	1. The conventional method of weed control (i.e. hoeing, handweeding) are very laborious expensive and time consuming 2. Heavy weed infestation in Wheat during critical crop weed	7 farmers 2.8 ha. area	Yavatmal taluka	OFT: Weed Count /sqmt, Plant height, No. of tillers per Meter, Yield qt/ha, B:C ratio

		competition resulted in low yield of Wheat. 3. Difficulty in weeding operation during continuous rains & labour availability for weeding 4. High cost of cultivation			
2	Enhancing the productivity of pigeon by application of Gibberellic acid 90% a.i.(GA3)@ 25 ppm (13.9 g per ha). at flowering and pod development stage.	Low productivity of pigeon pea due to inbalance nutrient management. Lack of knowledge about PGR and ICM practices.	7 farmers 2.8 ha. area	Babhulgaon Taluka	OFT: Plant Dry matter, Grain Yield (qha^{-1}), Grain Test Weight, Grain yield per plant & B:C ratio
3	Pigeon Pea	1. Decreased crop production due lack of knowledge about improved cultivation practices of Pigeon pea 2. Lack of awareness amongst farmers about high yielding and medium duration wilt registrant varieties of Pigeon pea	50 farmers 20 ha. Area	Ralegoan & Maregon Taluka	FLD: Plant height, Grain yield & B:C ratio
4	Chick Pea	1) Lack of awareness among the farmers regarding new high yielding, bold seeded variety of Gram. 2) Low yield of Chickpea due to in-balance use of nutrients	50 farmers 20 ha. Area	Ghatanji & Kalamb Taluka	FLD: Plant height,No. of Pod per plant, Grain yield & B:C ratio
5	Sorghum	1) Lack of awareness among the farmers regarding improved variety suitable for rabi Season 2) Low yield of Sorghum due to in balance use of nutrients & crop management.	25 farmers 10 ha. Area	Ghatanji & Kalamb Taluka	FLD: Plant height, Grain and Straw yield & B:C ratio
6	Cotton	Pink bollworm management	13 farmers 5.2 ha area	Kinhi	OFT, Training, Extension activity
7	Soybean	Stem fly, girdle beetle and root rot infestation	13 farmers 5.2 ha area	Shivani	OFT, FLD, Training, Extension activity
8	Chickpea	Pod borer infestation	13 farmers 5.2 ha area	Saykheda	FLD, Training, Extension activity
9	Supplementation of Azolla Powder as growth promoter in broiler chicken	Less weight gain	No. of birds: 260 No. of farmers :13	Khairi	Supplementation of Azolla Powder @ 0..05 % : OFT
10	Effect of feeding of Azolla Pinnata on growth performance of ND Heifers	1. Low live weight gain 2. Low milk yield	No. of Animals: 26 No. of farmers: 13	Kapara	Control (T0)- concentrate mixture + green fodder + straw (70:30) (T1)- concentrate mixture replacing 50% of Azolla + green fodder + straw (70:30: OFT
11	Effect of supplementation of chealated mixture on milk yield of buffalo (ND)	1. Low live weight gain 2. Low milk yield 3. Infertility	No. of Animals: 40 No. of farmers: 20	Madani	Farmers Practice : routine feeding (Green fodder + Dry fodder) T1: farmers practice + feeding of

					conc. Mixture+ mineral mixture: FLD
12	Effect of feeding of Azolla as a green fodder feed supplement on productive performance of ND- Cow	Milk yield	No. of Animals: 30 No. of farmers: 15	Arjuna	Using green azolla 1000 gm/d as a feed supplements in ND- cow increase milk yield 0.9 liter as compare to T2
13	Tractor drawn Stubble collector	Collection of stalks and stubbles requires more labours	100ha	Barbada Tal. Yavatmal	OFT
14	Drip lateral coiler	Winding of drip laterals should be made smoothly without folds to increase life of laterals	150ha	Pardi Tal. Kalamb	OFT
15	Mini Solar dryer	Drying of chilli requires more time and quality of dryied chilli is not good.	50 ha	Krishnapur Tal. Babhulgaon	FLD
16	Broad bed furrow	Sowing and furrow making is expensive. Plant to plant distance can not maintain by local seed drill.	5.2 ha	--	FLD

* Support with problem-cause and interventions diagram

3.2. Technology Assessment (Kharif 2020, Rabi 2019-20, Summer 2020)

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

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Integrated Nutrient Management	--	--	--	--	--	--	--	--	--	--
Varietal Evaluation	--	--	--	--	--	--	--	--	--	--
Integrated Pest Management	--	--	--	--	--	--	--	--	--	--
Integrated Crop Management	01	01	03	01	--	--	--	--	--	--
Integrated Disease Management		02	01	01						
Small Scale Income Generation Enterprises	--	--	--	--	--	--	--	--	--	--
Weed Management	--	--	--	--	--	--	--	--	--	--
Resource Conservation Technology	--	--	--	--	--	--	--	--	--	--
Farm Machineries	--	01		01	01	--	--	01	--	--
Integrated Farming System	--	--	--	--	--	--	--	--	--	--
Seed / Plant production	--	--	--	--	--	--	--	--	--	--
Value addition	--	--	--	--	--	--	--	--	--	--
Drudgery Reduction	--	--	--	--	--	--	--	--	--	--

Storage Technique	--	--	--	--	--	--	--	--	--	--
Mushroom cultivation	--	--	--	--	--	--	--	--	--	--
Total	01	04	04	03	01	--	0	01	0	0

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

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

B. Achievements on technologies Assessed

B.1. Technologies Assessed under various Crops

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha (Per trial covering all the Technological Options)
Integrated Nutrient Management					
Varietal Evaluation					
Integrated Pest Management	Cotton	Management of Pink bollworm in Cotton	13	13	5.2
	Soybean	Management of stem fly and girdle beetle in soybean	13	13	5.2
Integrated Crop Management	Pigeon pea	Enhancing the productivity of pigeon by application of Gibberellic acid 90% a.i.(GA3)@ 25 ppm (13.9 g per ha). at flowering and pod development stage	07	07	2.80

Integrated Disease Management					
Small Scale Income Generation Enterprises					
Weed Management	Wheat	Assess the performance of Post emergence (PoE) application of Clodinafop Propargyl +Metasulfuran Methyl @(0.06+0.004Kg ai/ha) (Premix) in wheat crop At 35DAS	07	07	2.80
Resource Conservation Technology					
Farm Machineries	Cotton	Tractor drawn Stubble collector	07	07	0.4
	Cotton	Drip lateral coiler	07	07	0.4
Integrated Farming System					
Seed / Plant production					
Value addition					
Drudgery Reduction					
Storage Technique					
Mushroom cultivation					
Total					

B.2. Technologies assessed under Livestock and other enterprises

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Evaluation of breeds	--	--	--	--
Nutrition management				
	Poultry	Supplementation of Azolla powder as a growth promoter in broiler chicken	13	13
	Cattle	Effect of feeding of Azolla pinnata on growth performance of ND- Heifers	13	13
	buffalo	Use of mineral mixture	20	20
Disease management	Cow	Feeding of Azolla as a green fodder feed	15	15

Value addition	-	-	--	--
Production and management				
Feed and fodder	Improved variety of fodder	CO-5,CO-4	50	50
Small scale income generating enterprises				
Total			111	111

C1.Results of Technologies Assessed

Results of On Farm Trial : Agromony

Crop/ enterprise	Farming situation	**Problem definition**	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Wheat	Irrigated	1. The conventional method of weed control (i.e. hoeing, handweeding) are very laborious expensive and time consuming 2. Heavy weed infestation in Wheat during critical crop weed competition resulted in low yield of Wheat. 3. Difficulty in weeding operation during continuous rains & labour availability for weeding 4. High cost of cultivation	Assess the performance of Post emergence (PoE) application of Clodinafop Propargyl +Metasulfuran Methyl @(0.06+0.004Kg ai/ha) (Premix) in wheat crop At 35DAS	07	**T_1: Farmer Practice (Conventional method)** **T_2: Application of Meta sulfuron methyl 20 % WP @ 0.004 a.i./ha PoE 30 DAS** **T_3: Spray Post emergence application of weedicide Combination of clodinafop propargyl 15% + Meta sulfuron methyl 1% WP (Premix)@ 0.4 kg/ha PoE 35 days after sowing.**	Weed Count /sqmt, Plant height, No. of tillers per Meter, Yield qt/ha, B:C ratio	--	Result awaited	--	--	--

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice)		--	--	--	--
Technology option 2	Dr. PDKV, Akola, 2019	--	--	--	--
Technology option 3	--	--	--	--	--

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

1 **Title of Technology Assessed :** Assess the performance of Post emergence (PoE) application of Clodinafop Propargyl +Metasulfuran Methyl @(0.06+0.004Kg ai/ha) (Premix) in wheat crop At 35DAS

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

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

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

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

6 Performance of the Technology with performance indicators:

7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques

8 Final recommendation for micro level situation: Nil

9 Constraints identified and feedback for research and developmental departments

10 Process of farmers participation and their reaction

Results of On Farm Trial-2: Agronomy

Crop/ enterprise	Farming situation	**Problem definition**	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Pigeon	Reinfed	Low productivity of pigeon pea due to inbalance nutrient management. Lack of knowledge about PGR and ICM practices	Enhancing the productivity of pigeon by application of Gibberellic acid 90% a.i.(GA3)@ 25 ppm (13.9 g per ha). at flowering and pod development stage.	07	**T_1: Farmers practice (No use of PGR, not follow seed treatment & balanced nutrient)** **T_2: Foliar application of 1% Humic acid at flowering and pod development stage.** **T_3: Two spray of gibberellic acid 90% a.i. @ 25 ppm (13.9 g per ha) at flowering and pod development stage With integrated crop management.**	Plant Dry matter, Grain Yield (qha^{-1}), Grain Test Weight, Grain yield per plant & B:C ratio	Plant Dry matter, Grain Yield (qha^{-1}), Grain Test Weight, Grain yield per plant & B:C ratio were recorded	From the yield data it is reveled that recommonded i.e. **T_3: Two spray of gibberellic acid 90% a.i. @ 25 ppm (13.9 g per ha) at flowering and pod development stage with integrated crop management.** Recorded highest grain yield (15.55 q/ha) as compared to farmers practices (13.20 q/ha) & it is 17.80 more than farmers practice. However **T_2: Foliar application of 1% Humic acid at flowering and pod development stage.** Also recorded 6.74 % more yield over farmers practices. Similar result noticed about Net return & B: C ratio of assessed technology against farmrers practice	This assessment programme is very effective for increasing the productin & productivity of pigeon pea crop defiantly, it can be a mile stone programme for increasing farmers income, bringing nutritional security and motivated other farmers to adopt the assessed technology	--	--

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17	18
T_1: Farmers practice (No use of PGR, not follow seed treatment & balanced nutrient)	--	13.20	q/ha	52310/ ha.	2.94
T_2: Foliar application of 1% Humic acid at flowering and pod development stage	--	14.09	q/ha	53981/ha.	2.77
T_3: Two spray of gibberellic acid 90% a.i. @ 25 ppm (13.9 g per ha) at flowering and pod development stage with integrated crop management.	Dr. PDKV, Akola	15.55	q/ha	63551/-	3.14

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

1 **Title of Technology Assessed :** Enhancing the productivity of pigeon by application of Gibberellic acid 90% a.i.(GA3)@ 25 ppm (13.9 g per ha). at flowering and pod development stage.

2 **Problem Definition :** Low productivity of pigeon pea due to inbalance nutrient management. Lack of knowledge about PGR and ICM practices

3 **Details of technologies selected for assessment:** T_3: Two spray of gibberellic acid 90% a.i. @ 25 ppm (13.9 g per ha) at flowering and pod development stage with integrated crop management.

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

5 **Production system and thematic area :**

6 **Performance of the Technology with performance indicators:** Crop production

7. **Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques** : This assessment programme is very effective for increasing the productin & productivity of pigeon pea crop defiantly, it can be a mile stone programme for increasing farmers income, bringing nutritional security and motivated other farmers to adopt the assessed technology

8 Final recommendation for micro level situation :

9 Constraints identified and feedback for research and developmental departments :

10 Process of farmers participation and their reaction

Results of On Farm Trial-1 : Plant Protection

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	Pink Bollworm infestation in cotton	Management of Pink bollworm in Cotton	14	1. farmers practices 2.Four sprayings of Beauveria bassains at 15 days interval 3. Plucking of rosette flowers, Install Pheromone traps,Use of Trichocards, spraying of Azadirachtin 1500 PPM followed by need based sprayings of Chlorpyrifos 20% EC	Per cent green boll damage, Per cent loculi damage, Yield and B:C ratio	Per cent green boll damage, Per cent loculi damage, Yield and B:C ratio	Technology option 3 recorded lowest PBW infestation in cotton with higher yield as compared to T2 and farmers practice	IPM module is effective in Pink bollworm management in cotton	IPM module with special reference to biopesticides	-

Contd..

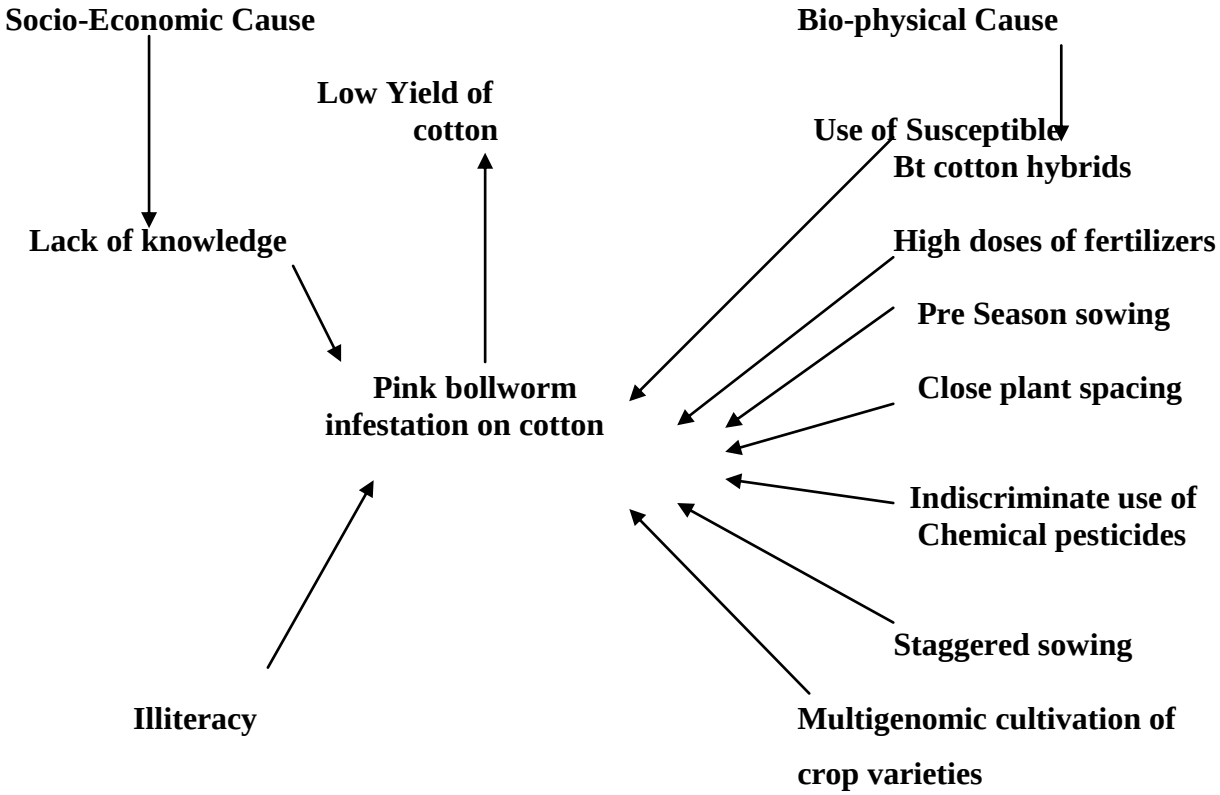
Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice)	Farmers Practice	19.14	q/ ha	69307	2.61
Technology option 2	NAU, Navsari	21.21	q/ ha	89473	3.58
Technology option 3	CICR, Nagpur	21.79	q/ ha	92652	3.66

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

1 Title of Technology Assessed – **Management of pink bollworm in cotton**

2 Problem Definition –

Less productivity of cotton due to pink bollworm infestation



3 Details of technologies selected for assessment-

Technology option 2- Four sprayings of Beauveria basianna

Technology option 3- Plucking of rosette flowers, Install Pheromone traps, Use of Trichocards, spraying of Azadirachtin 1500 PPM followed by need based sprayings of Chlorpyrifos 20% EC

4 Source of technology-

Technology option 2 – NAU, Navsari

Technology option 3- CICR, Nagpur

5 Production system and thematic area- **Rainfed, Integrated Pest Management**

6 Performance of the Technology with performance indicators-

7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques -

8 Final recommendation for micro level situation-

9 Constraints identified and feedback for research and developmental departments

10 Process of farmers participation and their reaction-

Results of On Farm Trial -2: Plant protection

Crop/ enterprise	Farming situation	**Problem definition**	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Soybean	Rainfed	Heavy infestation of Stem fly and girdle beetle management in soybean	Management of stem fly and girdle beetle in soybean	07	1.Farmers Practice (Spraying of) 2. Spraying of Ethion 50% EC 3. Spraying of Lambda cyhalothrin 12.5% + Thiamethoxam 9.6 ZC	Per cent Stem fly & girdle beetle infestation, Yield and B:C ratio	Per cent Stem fly & girdle beetle infestation, Yield and B:C ratio	Technology option 3 recorded lowest infestation of stem fly and girdle beetle	Low cost management of stem fly and girdle beetle in soybean due to technology intervened	IPM module with special reference to biopesticides	-

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice)	Farmers Practice	12.29	q/ ha	15569	1.48
Technology option 2	Dr. PDKV, Akola	13.43	q/ ha	20603	1.72
Technology option 3	Dr. PDKV, Akola	13.86	q/ ha	23466	1.70

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

1 Title of Technology Assessed – **Management of stem fly and girdle beetle in soybean**

2 Problem Definition – **Low yield of soybean due to stem fly and girdle beetle infestation**

3 Details of technologies selected for assessment

Technology option 2-

Technology option 3-

4 Source of technology

Technology option 2- Dr. PDKV, Akola

Technology option 3- Dr. PDKV, Akola

5 Production system and thematic area- Rainfed, Pest Management

6 Performance of the Technology with performance indicators

7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques

8 Final recommendation for micro level situation

9 Constraints identified and feedback for research and developmental departments

10 Process of farmers participation and their reaction-

Results of On Farm Trial-1: AHDS

Crop/ enterprise	Farming situation	**Problem definition**	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Azolla	--	Less weight gain	Supplementation of Azolla Powder as growth promoter in broiler chicken	13	To provided the Azolla	--	Body weight gain B:C Ratio	Treatment T2 i.e use of 0.05% Azolla powder in poultry ration is best as compare to T3	--	--	--

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice)	Farmers practices	20.12	1.087 kg/bird	7,095	1.49
Technology option 2	Dr. PDKV, Akola	19.86	1.128 kg/bird	7,228	1.52
Technology option 3		24.66	1.175 kg/bird	9,601	1.60

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

1. Title of Technology Assessed - Supplementation of Azolla Powder as growth promoter in broiler chicken
2. Problem Definition - Less weight gain
3. Details of technologies selected for assessment- T1: Farmer practice-Standard Broiler Diet

   T2: Standard Broiler diet + Azolla powder @ 0.05% (500gm/ton)

   T3: Standard Broiler diet + Azolla Pinnata @ 0.1% (500 kg/ton)
4. Source of technology- Dr. PDKV, Akola

Results of On Farm Trial-2: AHDS

Crop/ enterprise	Farming situation	**Problem definition**	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Azolla Pinnata	--	Live weight gain	Effect of feeding of Azolla Pinnata on growth performance of ND Heifers	13	To provided the Azolla pinnata	--	Live weight gain B:C Ratio	Using (70:30) percent azolla in heifers feeding is best treatment as compare to T3	--	--	--

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice)	Farmers practices	144.83	96.00 kg/bird	-	-
Technology option 2	Dr. PDKV, Akola	150.67	96.10 kg/bird	3.26	1.30
Technology option 3		146.78	96.08 kg/bird	3.16	1.28

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

1. Title of Technology Assessed - Effect of feeding of Azolla Pinnata on growth performance of ND Heifers
2. Problem Definition - Live weight gain
3. Details of technologies selected for assessment- T1: Farmer practice- green fodder

   T2: Green fodder + Dry Fodder + Concentrate + Azolla (70:30)

   T3: Green fodder + Dry Fodder + Concentrate + Azolla (75:25)

   Source of technology- Dr. PDKV, Akola

Results of On Farm Trial : Agriculture Engineering

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

Contd..

Technology Assessed	Source of Technology	Field capacity	Efficiency %	Operation cost (Rs/ha)	BC Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice)	--	75 man hours/ha	97	1860	--
Tractor drawn Stubble collector	Dr. PDKV., Akola	0.6 ha/ hour	94	1250	--

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

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

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

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

4 Source of technology: Dr. PDKV, Akola

5 Production system and thematic area: Farm Machanizatiom

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

7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring

techniques – It is time, labour and cost saving technology

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

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

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

Results of On Farm Trial

Crop/ enterprise	Farming situation	**Problem definition**	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Cotton	Rainfed	Winding of drip laterals should be made smoothly without folds to increase life of 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	Time requied hours/ha	Cost of operation (Rs/ha)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice)	--	13.14	600	---	--
PDKV Drip lateral coiler (Horizontal)	PDKV, Akola.	7.8	300	--	--
Vertical Drip lateral coiler	Jain Irrigation	10.07	500	--	--

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

1 Title of Technology Assessed : PDKV Drip lateral coiler

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

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

4 Source of technology : PDKV, Akola.

5 Production system and thematic area : Farm Mechanizaton

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

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

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

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

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

3.3. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2020 and recommended for large scale adoption in the district

S. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
1	Soybean	Integrated Crop Management	Use MAUS-158 Variety + Bio fertilizer + Soil Tested Based Fertilizer Application (25:75:30 NPK kg/ha) + IPM	High yielding variety	04	50	20
2	Pigeon Pea	Integrated Crop Management	1.high yielding variety BDN- 716 2. Integrated Crop Management (ICM) Practices i.e. Seed treatment; Soil test based Nutrient management, application of PGR & IPM practice.	High yielding variety	03	50	20
3	Chick Pea	Integrated Crop Management	1.high yielding variety AKG 1109 (PDKV Kanchan) / Rajvijay-203 2. Use of bio fertilizer 3.RDF (25:50:30) 4. 2 spray of 2% urea at pre- flowering stage and 10 days after first	High yielding variety	04	50	20

			spraying 5. IPM				
4	Sorghum	Integrated Crop Management	1.Use high yielding improved variety PKV Kranti (AKSV13R) 2. Use of bio fertilizer 3.RDF (80:40:40) 4. IPM	Inproved & High yielding variety	01	25	10
5	Soybean	Disease Management	Seed treatment of Carboxin 37.5% + Thiram 37.5% for the management of root rot in soybean	Seed treatment of Carboxin 37.5% + Thiram 37.5% @ 2g/ Kg seeds	02	152	130
6	Chickpea	Pest Management	Pod borer management in chickpea	Spraying of HaNPV 2% AS @10 ml at 50% flowering and ETL based spraying of Emamectin benzoate 5SG @ 10 ml/ 10 L water at 15 days interval.	01	100	70
7	Cow		Effect of feeding of azolla as a green fodder feed supplement on production performance of ND- Cow	Azolla as a supplementary feed for livestock & partially replacement of concentrated	01	13	
8	Buffalo		Demonstration of effect of Chealeted mineral mixture on milk yield of ND-buffalo				
	Broad Bed Furrow Planter	Farm Mechanization	Demonstration of Broad Bed Furrow Planter	Demonstrations and training	01	10	4.00
	Mini solar tunnel dryer	Post harvest technology	Demonstration of Mini Solar tunnel dryer	Demonstrations and training	01	10	--

B. Details of FLDs implemented during 2020 **(Kharif 2020, Rabi 2019-20, Summer 2020)** (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		Kharif 2020	20	20	12	38	50	
2	Pigeon Pea	Integrated Crop Management	1.high yielding variety BDN- 716 2. Integrated Crop Management (ICM) Practices i.e. Seed treatment; Soil test based Nutrient management, application of PGR &	Kharif 2020	20	20	09	41	50	

			IPM practice.							
3	Chick Pea	Integrated Crop Management	1.high yielding variety AKG 1109 (PDKV Kanchan) / Rajvijay-203 2. Use of bio fertilizer 3.RDF (25:50:30) 4. 2 spray of 2% urea at pre- flowering stage and 10 days after first spraying 5. IPM	Rabi 2019-20	20	20	23	27	50	
4	Sorghum	Integrated Crop Management	1.Use high yielding improved variety PKV Kranti (AKSV13R) 2. Use of bio fertilizer 3.RDF (80:40:40) 4. IPM	Summer 2020	10	10	6	19	25	
5	Soybean	Pest management	Management of root rot in soybean	Kharif, 2020	5.2	5.2	3	10	13	-
6	Chickpea	Pest management	Management of pod borer in chickpea	Rabi, 2020	5.2	5.2	2	11	13	-5100
7	Cow		Effect of feeding of azolla as a green fodder feed supplement on production performance of ND- Cow	2020	--	--	6	9	15	
8	Buffalo		Demonstration of effect of Chealeted mineral mixture on milk yield of ND- buffalo	2020	--	--	8	12	20	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Soybean var.- JS-335	Kharif 2017-18	Rainfed	Entisol	Low	Medium	Medium	fallow	June,2017	Oct-2017	578.4	42
Pigeonpea : BSMR-736	Kharif 2017-18	Rainfed	Entisol	0	0	0	fallow	June, 2017	Dec-2017	578.4	42
Pigeonpea:	Kharif 2017-18	Rainfed	Entisol	0	0	0	Soybean	June-2017	Dec-2017	578.4	42
Chickpea : JAKI -9218	Rabi 2017-18	Irrigated	Entisol	0	0	0	Soybean	Oct, 2017	Feb-2018	578.4	42

Soybean	Kharif	RF	Medium to heavy				Cotton	12/06/2020	19.09.2020		
Chickpea	Rabi	RF	Medium to heavy				Soybean	20.11.202	26.02.2021		

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Soybean – var. demo High yielding variety
2	Pigeonpea – ICM Good technology required to be demonstrated widely
3	Seed treatment is promising **in cost effective management of color rot in soybean**
4	Use of **HaNPV biopesticide is** promising **in pod borer management**
5	Cotton (INM in Bt cotton)High yield in irrigated condition with intensive fertilizer use
6	Sowing and ridges making using BBF planter save time upto 62% and increases production upto 23.07% as compare to local method.
7	Mini solar tunnel dryer dried red chilli in good condition and retain red color properly
8	

Farmers' reactions on specific technologies

S. No	Feed Back
1	Soybean – var. demo Accepted and demand for next season
2	Pigeonpea – ICM Accepted and demand for next season
3	Due to seed treatment management of root rot in soybean can be achieved
4	Use Biopesticides and Integrated Pest Management is very important and I am using pesticides as per need and as last option
5	Cotton (INM in Bt cotton) Accepted and demand for next season
6	BBF planter is good for sowing the Soybean.
7	Mini solar tunnel dryer is suitable to dry red chilli
8	

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	02	**20.06.2020,25.09.2020**	81	
2	Farmers Training	06	26.06.2020,13.08.2020,13.069.2020, 17.09.2020,15.10.2020, 17.02.2021	403	
3	Media coverage	--	--	--	--
4	Training for extension functionaries	--	--	--	--

C. Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Groundnut	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sesamum	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mustard	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Safflower	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Linseed	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sunflower	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Soybean	Integrated Crop Management	ICM in soybean	Phule Sangam (KDS-726)	25	10	18.13	14.35	16.22	14.1	15.04	27241	62934	35693		27095	54708	27613	
Soybean	Disease **management**	**Management of color root rot in soybean** through seed treatment	JS 335	13	5.2	15.5	12.2	13.8	12.9	6.98	29200	52800	23600	1.80	34600	50052	15452	1.44
Castor																		

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

Frontline demonstration on pulse crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Pigeonpea	Integrated Crop Management	ICM in pigeon pea	BDN-716	50	20	18.13	13.75	15.88	13.30	19.40	25646	95280	69634	3.71	26920	79800	52880	2.96
Blackgram	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Greengram	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chickpea	Integrated Crop Management	ICM in Chick pea	Rajvijay -203	50	20	19.38	16.25	19.26	17.25	11.65	30248	94477	64229	3.12	31278	79219	47941	2.53
Chickpea	Pest management	Management of pod borer in chickpea	-	13	5.2	19.2	16.7	18.65	15.9	17.29	30800	95115	64315	3.08	32400	81090	48690	2.50
Fieldpea	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lentil	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Horsegram	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cowpea	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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

FLD on Other crops

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

Wheat	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Wheat Timely sown	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Wheat Late Sown	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mandua	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barley	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Maize	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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

Frontline Demonstration on Nutri cereals

Crop	Thematic Area	Technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Sorghum	ICM	To demonstrate the new high yielding improved variety suitable for rabi Season.	PKV Kranti (AKSV13R)	25	10	18.24	15.93			14.50	24650	54901	30251	2.227221095	25100	48015	22915	1.912948207

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		Effect of feeding of azolla as a green fodder feed supplement on production performance of ND- Cow	15	30	--	--	--	--	--	--	--	--	--	--	--	--	--
Buffalo		Demonstration of effect of Chealeted mineral mixture on milk yield of ND-buffalo	20	40	630	570	10.53	10.05	9.5	7260	11,970	4710	1.64	6900	10,830	3930	1.57

Buffalo Calf		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dairy		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Poultry		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sheep & Goat		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vaccination		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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

FLD on Fisheries

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

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

FLD on Other enterprises

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

Sericulture	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

FLD on Women Empowerment

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

FLD on Farm Implements and Machinery

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

FLD on Other Enterprise: Kitchen Gardening

Category and Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of Units	Yield (Kg)		% change in yield	Other parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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	1	26	7	33	8	0	8	34	7	41
Resource Conservation Technologies	1	32	7	39	3	0	3	35	7	42
Cropping Systems	1	43	12	55	5	0	5	48	12	60
Crop Diversification	2	31	8	39	15	8	23	46	16	62
Integrated Farming	2	40	8	48	18	5	23	58	13	71
Micro Irrigation/irrigation	3	52	8	60	19	8	27	71	16	87
Seed production	2	43	8	51	22	2	24	65	10	75
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 conservatioin	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	**16**	**361**	**76**	437	**114**	**31**	145	**475**	**107**	**582**
II Horticulture	0	0	0	0	0	0	0	0	0	0
a) Vegetable Crops	0	0	0	0	0	0	0	0	0	0
Production of low value and high valume 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
GT (a-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
Dairy Management	3	63	15	78	15	0	15	78	15	93
Poultry Management	1	20	5	25	5	0	5	25	5	30
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	28	5	33	5	0	5	33	5	38
Disease Management	0	0	0	0	0	0	0	0	0	0
Feed & fodder technology	2	36	4	40	14	8	22	50	12	62
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	**7**	**147**	**29**	176	**39**	**8**	47	**186**	**37**	**223**
V Home Science/Women empowerment								0	0	0
Household food security by kitchen gardening and nutrition gardening	0	0	0	0	0	0	0	0	0	0
Design and development of low/minimum cost diet	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										
Farm Machinary and its maintenance	1	23	2	25	12	5	17	35	7	42
Installation and maintenance of micro irrigation systems	1	25	5	30	6	2	8	31	7	38
Use of Plastics in farming practices	1	32	2	34	14	6	20	46	8	54
Production of small tools and implements	1	18	7	25	11	3	14	29	10	39
Repair and maintenance of farm machinery and implements	1	36	2	38	15	4	19	51	6	57
Small scale processing and value addition	1	41	5	46	14	2	16	55	7	62
Post Harvest Technology	**0**	**0**	**0**	0	**0**	**0**	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**6**	**175**	**23**	198	**72**	**22**	94	**247**	**45**	**292**
VII Plant Protection										
Integrated Pest Management	2	186	35	221	43	9	52	229	44	273
Integrated Disease Management	1	56	23	79	8	9	17	64	32	96
Bio-control of pests and diseases	1	65	12	77	12	6	18	77	18	95
Production of bio control agents and bio pesticides	2	48	24	72	10	5	15	58	29	87
Others (pl specify)	**0**	**0**	**0**	0	**0**	**0**	0	0	0	0
Total	**6**	**355**	**94**	449	**73**	**29**	102	**428**	**123**	**551**
VIII Fisheries								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
Seed Production	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	1	23	5	28	5	3	8	28	8	36
Bio-pesticides production	1	18	6	24	9	5	14	27	11	38
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	1	26	3	29	9	2	11	35	5	40
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**3**	**67**	**14**	81	**23**	**10**	33	**90**	**24**	**114**
X CapacityBuilding and Group Dynamics								0	0	0
Leadership development	2	35	17	52	12	6	18	47	23	70
Group dynamics	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	1	18	11	29	7	6	13	25	17	42
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**3**	**53**	**28**	81	**19**	**12**	31	**72**	**40**	**112**
XI Agro-forestry								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	**41**	**1158**	**264**	**1422**	**340**	**112**	**452**	**1498**	**376**	**1874**

Farmers' Training including sponsored training programmes (off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	2	36	8	44	14	8	22	50	16	66
Resource Conservation Technologies	3	65	15	80	15	0	15	80	15	95
Cropping Systems	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0
Micro Irrigation/irrigation	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	3	68	15	83	15	0	15	83	15	98
Soil & water conservatioin	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	**9**	**189**	**43**	232	**49**	**8**	57	**238**	**51**	**289**
II Horticulture										
a) Vegetable Crops	0	0	0	0	0	0	0	0	0	0
Production of low value and high valume 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
GT (a-g)	0	0	0	0	0	0	0	0	0	0
III Soil Health and Fertility Management	0	0	0	0	0	0	0	0	0	0
Soil fertility management	0	0	0	0	0	0	0	0	0	0
Integrated water management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0
Balance use of fertilizers	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
IV Livestock Production and Management										
Dairy Management	1	20	5	25	5	0	5	25	5	30
Poultry Management	1	28	5	33	5	0	5	33	5	38
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	23	5	28	5	0	5	28	5	33
Disease Management	1	25	3	28	5	0	5	30	3	33
Feed & fodder technology	1	27	5	32	5	0	5	32	5	37
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	**5**	**123**	**23**	146	**25**	**0**	**25**	**148**	**23**	**171**
V Home Science/Women empowerment										
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										
Farm Machinary and its maintenance	1	12	5	17	11	5	15	23	10	33
Installation and maintenance of micro irrigation systems	1	18	5	23	10	3	15	28	8	36
Use of Plastics in farming practices	1	15	5	20	7	5	15	22	10	32
Production of small tools and implements	1	13	3	16	10	5	15	23	8	31
Repair and maintenance of farm machinery and implements	1	32	5	37	10	5	15	42	10	52
Small scale processing and value addition	1	19	1	20	12	5	15	31	6	37
Post Harvest Technology	**0**	**0**	**0**	0	**0**	**0**	**0**	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**6**	**109**	**24**	**133**	**60**	**28**	**90**	**169**	**52**	**442**
VII Plant Protection				0				0	0	0
Integrated Pest Management	2	48	23	71	12	3	20	60	26	86
Integrated Disease Management	1	51	18	69	18	2	20	69	20	89
Bio-control of pests and diseases	2	36	2	38	13	5	20	49	7	56
Production of bio control agents and bio pesticides	2	47	21	68	10	2	20	57	23	80
Others (pl specify)	**0**	**0**	**0**	0	**0**	**0**	**0**	0	0	0
Total	**7**	**182**	**64**	**246**	**53**	**12**	**80**	**235**	**76**	**311**
VIII Fisheries										
Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
IX Production of Inputs at site	0	0	0	0	0	0	0	0	0	0
Seed Production	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	1	25	7	32	12	1	10	37	8	45
Bio-pesticides production	1	24	9	33	5	3	10	29	12	41
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	2	49	16	65	17	4	20	66	20	86
X Capacity Building and Group Dynamics	0	0	0	0	0	0	0	0	0	0
Leadership development	0	0	0	0	0	0	0	0	0	0
Group dynamics	2	24	18	42	12	18	30	36	36	72

Formation and Management of SHGs	1	13	6	19	8	12	20	21	18	39
Mobilization of social capital	1	14	4	18	3	11	17	17	15	32
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)	0	0	0	0	0	0	0	0	0	0
Total	**4**	**51**	**28**	**79**	**23**	**41**	**67**	**74**	**69**	**143**
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	**33**	**703**	**198**	**901**	**227**	**93**	**339**	**930**	**291**	**1442**

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

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	3	62	15	77	22	8	30	84	23	107
Resource Conservation Technologies	4	97	22	119	18	0	18	115	22	137
Cropping Systems	1	43	12	55	5	0	5	48	12	60
Crop Diversification	2	31	8	39	15	8	23	46	16	62
Integrated Farming	2	40	8	48	18	5	23	58	13	71
Micro Irrigation/irrigation	3	52	8	60	19	8	27	71	16	87
Seed production	2	43	8	51	22	2	24	65	10	75
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	4	91	20	111	20	0	20	111	20	131
Soil & water conservatioin	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	25	550	119	669	163	39	202	713	158	871
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 valume 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
GT (a-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	83	20	103	20	0	20	103	20	123
Poultry Management	2	48	10	58	10	0	10	58	10	68
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	2	51	10	61	10	0	10	61	10	71
Disease Management	1	25	3	28	5	0	5	30	3	33
Feed & fodder technology	3	63	9	72	19	8	27	82	17	99
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	12	270	52	322	64	8	72	334	60	394
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 Machinary and its maintenance	2	35	7	42	11	5	15	46	12	58
Installation and maintenance of micro irrigation systems	2	43	10	53	16	5	21	59	15	74
Use of Plastics in farming practices	2	47	7	54	21	11	32	68	18	86
Production of small tools and implements	2	31	10	41	21	8	29	52	18	70
Repair and maintenance of farm machinery and implements	2	68	7	75	25	9	34	93	16	109
Small scale processing and value addition	2	60	6	66	26	7	33	86	13	99
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	12	284	47	331	132	50	182	416	97	734
VII Plant Protection				0				0	0	0
Integrated Pest Management	4	234	58	292	55	12	67	289	70	359

Integrated Disease Management	2	107	41	148	26	11	37	133	52	185
Bio-control of pests and diseases	3	101	14	115	25	11	36	126	25	151
Production of bio control agents and bio pesticides	4	95	45	140	20	7	27	115	52	167
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	13	537	158	695	126	41	167	663	199	862
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	2	48	12	60	17	4	21	65	16	81
Bio-pesticides production	2	42	15	57	14	8	22	56	23	79
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	1	26	3	29	9	2	11	35	5	40
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	5	116	30	146	40	14	54	156	44	200
X CapacityBuilding and Group Dynamics	0		0	0	0	0	0	0	0	0
Leadership development	2	35	17	52	12	6	18	47	23	70
Group dynamics	2	24	18	42	12	18	30	36	36	72
Formation and Management of SHGs	2	31	17	48	15	18	33	46	35	81
Mobilization of social capital	1	14	4	18	3	11	14	17	15	32
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)	0	0	0	0	0	0	0	0	0	0
Total	7	104	56	160	42	53	95	146	109	255
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	**74**	**1861**	**462**	**2323**	**567**	**205**	**772**	**2428**	**667**	**3316**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	--	--	--	--	--	--	--	--	--	--
Training and pruning of orchards	--	--	--	--	--	--	--	--	--	--
Protected cultivation of vegetable crops	--	--	--	--	--	--	--	--	--	--
Commercial fruit production	--	--	--	--	--	--	--	--	--	--
Integrated farming	--	--	--	--	--	--	--	--	--	--
Seed production	--	--	--	--	--	--	--	--	--	--
Production of organic inputs	--	--	--	--	--	--	--	--	--	--
Planting material production	--	--	--	--	--	--	--	--	--	--
Vermi-culture	--	--	--	--	--	--	--	--	--	--
Mushroom Production	--	--	--	--	--	--	--	--	--	--

Bee-keeping	--	--	--	--	--	--	--	--	--	--
Sericulture	--	--	--	--	--	--	--	--	--	--
Repair and maintenance of farm machinery and implements	--	--	--	--	--	--	--	--	--	--
Value addition	--	--	--	--	--	--	--	--	--	--
Small scale processing	--	--	--	--	--	--	--	--	--	--
Post Harvest Technology	--	--	--	--	--	--	--	--	--	--
Tailoring and Stitching	--	--	--	--	--	--	--	--	--	--
Rural Crafts	--	--	--	--	--	--	--	--	--	--
Production of quality animal products	--	--	--	--	--	--	--	--	--	--
Dairying	--	--	--	--	--	--	--	--	--	--
Sheep and goat rearing	--	--	--	--	--	--	--	--	--	--
Quail farming	--	--	--	--	--	--	--	--	--	--
Piggery	--	--	--	--	--	--	--	--	--	--
Rabbit farming	--	--	--	--	--	--	--	--	--	--
Poultry production	--	--	--	--	--	--	--	--	--	--
Ornamental fisheries	--	--	--	--	--	--	--	--	--	--
Composite fish culture	--	--	--	--	--	--	--	--	--	--
Freshwater prawn culture	--	--	--	--	--	--	--	--	--	--
Shrimp farming	--	--	--	--	--	--	--	--	--	--
Pearl culture	--	--	--	--	--	--	--	--	--	--
Cold water fisheries	--	--	--	--	--	--	--	--	--	--
Fish harvest and processing technology	--	--	--	--	--	--	--	--	--	--
Fry and fingerling rearing	--	--	--	--	--	--	--	--	--	--
Any other (pl.specify)	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--	--

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	--	--	--	--	--	--	--	--	--	--
Training and pruning of orchards	--	--	--	--	--	--	--	--	--	--
Protected cultivation of vegetable crops	--	--	--	--	--	--	--	--	--	--
Commercial fruit production	--	--	--	--	--	--	--	--	--	--
Integrated farming	--	--	--	--	--	--	--	--	--	--
Seed production	--	--	--	--	--	--	--	--	--	--
Production of organic inputs	--	--	--	--	--	--	--	--	--	--
Planting material production	--	--	--	--	--	--	--	--	--	--
Vermi-culture	--	--	--	--	--	--	--	--	--	--
Mushroom Production	--	--	--	--	--	--	--	--	--	--
Bee-keeping	--	--	--	--	--	--	--	--	--	--
Sericulture	--	--	--	--	--	--	--	--	--	--
Repair and maintenance of farm machinery and implements	--	--	--	--	--	--	--	--	--	--
Value addition	--	--	--	--	--	--	--	--	--	--
Small scale processing	--	--	--	--	--	--	--	--	--	--
Post Harvest Technology	--	--	--	--	--	--	--	--	--	--
Tailoring and Stitching	--	--	--	--	--	--	--	--	--	--
Rural Crafts	--	--	--	--	--	--	--	--	--	--
Production of quality animal products	--	--	--	--	--	--	--	--	--	--
Dairying	--	--	--	--	--	--	--	--	--	--
Sheep and goat rearing	--	--	--	--	--	--	--	--	--	--
Quail farming	--	--	--	--	--	--	--	--	--	--
Piggery	--	--	--	--	--	--	--	--	--	--
Rabbit farming	--	--	--	--	--	--	--	--	--	--
Poultry production	--	--	--	--	--	--	--	--	--	--
Ornamental fisheries	--	--	--	--	--	--	--	--	--	--
Composite fish culture	--	--	--	--	--	--	--	--	--	--
Freshwater prawn culture	--	--	--	--	--	--	--	--	--	--
Shrimp farming	--	--	--	--	--	--	--	--	--	--
Pearl culture	--	--	--	--	--	--	--	--	--	--
Cold water fisheries	--	--	--	--	--	--	--	--	--	--
Fish harvest and processing technology	--	--	--	--	--	--	--	--	--	--
Fry and fingerling rearing	--	--	--	--	--	--	--	--	--	--
Any other (pl.specify)	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--	--

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

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

		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	--	--	--	--	--	--	--	--	--	--
Training and pruning of orchards	--	--	--	--	--	--	--	--	--	--
Protected cultivation of vegetable crops	--	--	--	--	--	--	--	--	--	--
Commercial fruit production	--	--	--	--	--	--	--	--	--	--
Integrated farming	--	--	--	--	--	--	--	--	--	--
Seed production	--	--	--	--	--	--	--	--	--	--
Production of organic inputs	--	--	--	--	--	--	--	--	--	--
Planting material production	--	--	--	--	--	--	--	--	--	--
Vermi-culture	--	--	--	--	--	--	--	--	--	--
Mushroom Production	--	--	--	--	--	--	--	--	--	--
Bee-keeping	--	--	--	--	--	--	--	--	--	--
Sericulture	--	--	--	--	--	--	--	--	--	--
Repair and maintenance of farm machinery and implements	--	--	--	--	--	--	--	--	--	--
Value addition	--	--	--	--	--	--	--	--	--	--
Small scale processing	--	--	--	--	--	--	--	--	--	--
Post Harvest Technology	--	--	--	--	--	--	--	--	--	--
Tailoring and Stitching	--	--	--	--	--	--	--	--	--	--
Rural Crafts	--	--	--	--	--	--	--	--	--	--
Production of quality animal products	--	--	--	--	--	--	--	--	--	--
Dairying	--	--	--	--	--	--	--	--	--	--
Sheep and goat rearing	--	--	--	--	--	--	--	--	--	--
Quail farming	--	--	--	--	--	--	--	--	--	--
Piggery	--	--	--	--	--	--	--	--	--	--
Rabbit farming	--	--	--	--	--	--	--	--	--	--
Poultry production	--	--	--	--	--	--	--	--	--	--
Ornamental fisheries	--	--	--	--	--	--	--	--	--	--
Composite fish culture	--	--	--	--	--	--	--	--	--	--
Freshwater prawn culture	--	--	--	--	--	--	--	--	--	--
Shrimp farming	--	--	--	--	--	--	--	--	--	--
Pearl culture	--	--	--	--	--	--	--	--	--	--
Cold water fisheries	--	--	--	--	--	--	--	--	--	--
Fish harvest and processing technology	--	--	--	--	--	--	--	--	--	--
Fry and fingerling rearing	--	--	--	--	--	--	--	--	--	--
Any other (pl.specify)	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--	--

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	--	--	--	--	--	--	--	--	--	--
Integrated Pest Management	--	--	--	--	--	--	--	--	--	--
Integrated Nutrient management	--	--	--	--	--	--	--	--	--	--
Rejuvenation of old orchards	--	--	--	--	--	--	--	--	--	--
Protected cultivation technology	--	--	--	--	--	--	--	--	--	--
Production and use of organic inputs	--	--	--	--	--	--	--	--	--	--
Care and maintenance of farm machinery and implements	--	--	--	--	--	--	--	--	--	--
Gender mainstreaming through SHGs	--	--	--	--	--	--	--	--	--	--
Formation and Management of SHGs	--	--	--	--	--	--	--	--	--	--
Women and Child care	--	--	--	--	--	--	--	--	--	--
Low cost and nutrient efficient diet designing	--	--	--	--	--	--	--	--	--	--
Group Dynamics and farmers organization	--	--	--	--	--	--	--	--	--	--
Information networking among farmers	--	--	--	--	--	--	--	--	--	--
Capacity building for ICT application	--	--	--	--	--	--	--	--	--	--
Management in farm animals	--	--	--	--	--	--	--	--	--	--
Livestock feed and fodder production	--	--	--	--	--	--	--	--	--	--
Household food security	--	--	--	--	--	--	--	--	--	--
Any other (pl.specify)	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--	--

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total

Productivity enhancement in field crops	--	--	--	--	--	--	--	--	--	--
Integrated Pest Management	--	--	--	--	--	--	--	--	--	--
Integrated Nutrient management	--	--	--	--	--	--	--	--	--	--
Rejuvenation of old orchards	--	--	--	--	--	--	--	--	--	--
Protected cultivation technology	--	--	--	--	--	--	--	--	--	--
Production and use of organic inputs	--	--	--	--	--	--	--	--	--	--
Care and maintenance of farm machinery and implements	--	--	--	--	--	--	--	--	--	--
Gender mainstreaming through SHGs	--	--	--	--	--	--	--	--	--	--
Formation and Management of SHGs	--	--	--	--	--	--	--	--	--	--
Women and Child care	--	--	--	--	--	--	--	--	--	--
Low cost and nutrient efficient diet designing	--	--	--	--	--	--	--	--	--	--
Group Dynamics and farmers organization	--	--	--	--	--	--	--	--	--	--
Information networking among farmers	--	--	--	--	--	--	--	--	--	--
Capacity building for ICT application	--	--	--	--	--	--	--	--	--	--
Management in farm animals	--	--	--	--	--	--	--	--	--	--
Livestock feed and fodder production	--	--	--	--	--	--	--	--	--	--
Household food security	--	--	--	--	--	--	--	--	--	--
Any other (pl.specify)	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--	--

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	--	--	--	--	--	--	--	--	--	--
Integrated Pest Management	--	--	--	--	--	--	--	--	--	--
Integrated Nutrient management	--	--	--	--	--	--	--	--	--	--
Rejuvenation of old orchards	--	--	--	--	--	--	--	--	--	--
Protected cultivation technology	--	--	--	--	--	--	--	--	--	--
Production and use of organic inputs	--	--	--	--	--	--	--	--	--	--
Care and maintenance of farm machinery and implements	--	--	--	--	--	--	--	--	--	--
Gender mainstreaming through SHGs	--	--	--	--	--	--	--	--	--	--
Formation and Management of SHGs	--	--	--	--	--	--	--	--	--	--
Women and Child care	--	--	--	--	--	--	--	--	--	--
Low cost and nutrient efficient diet designing	--	--	--	--	--	--	--	--	--	--
Group Dynamics and farmers organization	--	--	--	--	--	--	--	--	--	--
Information networking among farmers	--	--	--	--	--	--	--	--	--	--
Capacity building for ICT application	--	--	--	--	--	--	--	--	--	--
Management in farm animals	--	--	--	--	--	--	--	--	--	--
Livestock feed and fodder production	--	--	--	--	--	--	--	--	--	--
Household food security	--	--	--	--	--	--	--	--	--	--
Any other (pl.specify)	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--	--

Sponsored training programmes

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management	--	--	--	--	--	--	--	--	--	--
Increasing production and productivity of crops	--	--	--	--	--	--	--	--	--	--
Commercial production of vegetables	--	--	--	--	--	--	--	--	--	--
Production and value addition	--	--	--	--	--	--	--	--	--	--
Fruit Plants	--	--	--	--	--	--	--	--	--	--
Ornamental plants	--	--	--	--	--	--	--	--	--	--
Spices crops	--	--	--	--	--	--	--	--	--	--
Soil health and fertility management	--	--	--	--	--	--	--	--	--	--
Production of Inputs at site	--	--	--	--	--	--	--	--	--	--
Methods of protective cultivation	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Post harvest technology and value addition	--	--	--	--	--	--	--	--	--	--
Processing and value addition	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Farm machinery	--	--	--	--	--	--	--	--	--	--

Farm machinery, tools and implements	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Livestock and fisheries	--	--	--	--	--	--	--	--	--	--
Livestock production and management	--	--	--	--	--	--	--	--	--	--
Animal Nutrition Management	--	--	--	--	--	--	--	--	--	--
Animal Disease Management	--	--	--	--	--	--	--	--	--	--
Fisheries Nutrition	--	--	--	--	--	--	--	--	--	--
Fisheries Management	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Home Science	--	--	--	--	--	--	--	--	--	--
Household nutritional security	--	--	--	--	--	--	--	--	--	--
Economic empowerment of women	--	--	--	--	--	--	--	--	--	--
Drudgery reduction of women	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Agricultural Extension	--	--	--	--	--	--	--	--	--	--
CapacityBuilding and Group Dynamics	--	--	--	--	--	--	--	--	--	--
Others (pl. specify)	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
GRAND TOTAL	--	--	--	--	--	--	--	--	--	--

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

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

3.5. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services (Other than KMAS)	0	1035	6	1041
Diagnostic visits	02	50	05	55
Field Day	02	104	6	110
Group discussions	0	0	0	0
KisanGhosthi	0	0	0	0
Film Show	0	0	0	0
Self -help groups	0	0	0	0
KisanMela	01	386	12	398
Exhibition	0	0	0	0
Scientists' visit to farmers field	72	125	6	131
Plant/animal health camps	0	0	0	0
Farm Science Club	0	0	0	0
Ex-trainees Sammelan	0	0	0	0
Farmers' seminar/workshop	0	0	0	0
Method Demonstrations	0	0	0	0
Celebration of important days	04	320	14	334
Special day celebration	10	156	5	162
Exposure visits	0	0	0	0
Others (pl.specify)	0	0	0	0
Total	**91**	**2176**	**54**	**2231**

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

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	00
Extension Literature	00
Newspaper coverage	35
Popular articles	00
Radio Talks	17
TV Talks	03
Animal health amps (Number of animals treated)	00
Social Media (No. of platforms Used)	2320+
Others (pl. specify)	00
Total	**2375**

3.6 Online activities during year 2020

S. No.	Activity Type	Mode of implementation	Title of Program	No. of Programmes	No. of Participants/ Views
A	Farmers training	Online (Zoom app	Compartment bunding	1	18
1		Online (Zoom app)	Kharif crop management & awareness on Precaution to be taken against COVID-19	1	42
2		Online (Zoom app)	**पेरणीपूर्व शेती नियोजन**	1	72
3		Online (Zoom app)	**टोळ धाड किडीचे व्यवस्थापन**	1	79
4		Online (Zoom app)	**कापूस पिक नियोजन**	1	87
5		Online (Zoom app)	**कापूस पिकातील गुलाबी बोंड अळीचे**	1	89

			एकात्मिक व्यवस्थापन		
		Online (Zoom app)	Water Budgeting	1	26
		Online (Zoom app)	Sowing using BBF planter	1	41
		Online (Zoom app)	Operation & maintenance of Micro irrigation	1	68
		Online (Zoom app	Awareness of National Environment Day	1	51
		Online (Zoom app)	**कापूस पिकातील कीड सर्वेक्षण व एकात्मिक व्यवस्थापन**	1	48
		Online (Zoom app)	**अमेरीकन लष्करी अळीचे एकात्मिक व्यवस्थापन**	1	76
		Online (Zoom app)	**रान डुकराचे पर्यावरण स्नेही व्यवस्थापन**	1	58
		Online (Zoom app)	Trichogramma production technology	1	98
		Facebook Live	Pink bollworm management in Cotton & Safe use of pesticide	1	450
		Online (Zoom app)	Poultry Management	1	23
		Facebook Live	Pink bollworm management in Cotton & Safe use of pesticide	1	802
		Facebook Live	Pink bollworm management in Cotton & Safe use of pesticide	1	795
		Youtube Live	Pink bollworm management in Cotton & Safe use of pesticide	1	223
		Online (Zoom app)	Lumpy skin disease Management	1	41
		Online (Zoom app)	Pink bollworm management in Cotton & Safe use of pesticide	1	76
		Online (Zoom app)	Pink bollworm management in Cotton & Safe use of pesticide	1	59
		Online (Zoom app)	Operation a Maintenance of microirrigation system	1	15
		Webex Live-	Pink bollworm management in Cotton & Safe use of pesticide	1	50
		Online (Zoom app)	Pink bollworm management in Cotton & Safe use of pesticide	1	56
		Online (Zoom app)	Webinar- IPM in cotton and Safe use of pesticides	1	107
		Online (Zoom app)	Pink bollworm management in cotton and Safe Use of pesticides	1	97
		Online (Zoom app)	Pink bollworm management in cotton and Safe Use of pesticides	1	67
		Online (Zoom app)	Pink bollworm management in cotton and Safe Use of pesticides	1	76
		Online (Zoom app)	हरभरा पिकाचे लागवड तंत्र	1	27
		Online (Zoom app)	Management of pod borer in chickpea and Safe use of pesticides	1	76
		Online (Zoom app)	Non chemical management of insect pests and invertebrate pests	1	24
	Total				
B	Farmers scientist's interaction programme	Online (Zoom app)	Online Farmers Interaction through Zoom Meeting on Integrated Pest Management in Soybean, Cotton and Pigeon pea	1	88

			and safe use of pesticides		
1		Online (Zoom app)	Online Farmers Interaction through Zoom Meeting on Importance of Biological control of pests	1	107
2		Online (Zoom app)	Online Farmers Interaction through Zoom Meeting on Non chemical base Integrated Pest Management and Safe use of pesticides	1	106
3		You tube Live	Online Farmers Interaction Programme Reliance Foundation & KVK, Yavatmal collaboratively organized- You tube Live Phone In programme on Integrated Crop Management in Soybean, Cotton and Pigeonpea	1	102
		Face book live	Online Farmers Interaction through Facebook live on Non chemical base Integrated Pest Management and Safe use of pesticides	1	59
		Dial Conference	Farmers Scientist interaction collaboration with Reliance foundation	1	124
		Webex	Online interaction Meet on Emerging problem in cotton	1	132
	Total				
C	Farmers seminars	Online (Zoom app)	Farmers Bill Training programme	1	18
1		Online (Zoom app)	Constitution Day	1	42
2		Online (Zoom app)	Celebration of Agricultural Day	1	45
	Total				
D	Expert lectures	Reliance Foundation	Kharif Planning & their production technology	1	33
1		Online (Zoom app)	COVID 19 Prevention taken by farmer during Kharif crop planning	1	43
2		Online (Zoom app)	Facilitators orientation-compartmental bunding	1	43
3		Online (Zoom app)	Technology Dissemination to Boost Horticulture Sector	1	56
4		Online (Zoom app)	Crop Diversification	1	69
		Facebook live	**मका लागवडीचे प्रगत तंत्रज्ञान**	1	105
		Online (Zoom app)	Kharif Crop Management & Awareness on precaution to be taken against COVID-19	1	86
1		Online (Zoom app)	**सुधारित कापूस लागवड तंत्रज्ञान**	1	56
2		Online (Zoom app)	**ऑलीने शेतकरी संवाद-हळद व अद्रक पिकाचे अद्यावत लागवड तंत्रज्ञान**	1	45
3		Online (Zoom app)	Small Ruminant	1	30

4		Reliance foundation	Audio conference with Reliance foundation	1	56
		Online (Zoom app)	Webinar- Pink bollworm management in cotton and Safe Use of pesticides	1	125
	Total				
	Grand Total (A+B+C+D+E)				

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-1001	-	08	--	--
		AMS-MB-5-18	-	11	--	--
	Mustard	CAN-9	--	10 kg		
	Linseed	NL-260	--	05		
Pulses	Udid	AKU-10-1	--	06	--	--
Commercial crops	--	--	--	--	--	--
Vegetables	--	--	--	--	--	--
Flower crops	--	--	--	--	--	--
Spices	--	--	--	--	--	--
Fodder crop seeds	--	--	--	--	--	--
Fiber crops	--	--	--	--	--	--
Forest Species	--	--	--	--	--	--
Others	--	--	--	--	--	--
Total						

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	Value (Rs.)	No. of Farmers
Bio Fertilisers	--	--	--	--
Bio-pesticide	--	--	--	--
Bio-fungicide	--	--	--	--
Bio Agents	--	--	--	--
Others	--	--	--	--
Total	--	--	--	--

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Dairy animals	--	--	--	--

Cows	--	--	--	--
Buffaloes	--	--	--	--
Calves	--	--	--	--
Goat	14	14	--	--
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	--	--	--
Others (Pl. specify)	--	--	--
TOTAL			

C. Details of Electronic Media Produced

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

D. Details of Social Media Platforms Created / Used

S. No.	Type of social media platform	Title of social media	Number of Followers/ Subscribers
1	YouTube Channel	**KVK, Yavatmal**	**102**
2	Facebook page/ Account	**KVK, Yavatmal**	**1523**
3	Mobile Apps	**0**	**0**
4	WhatsApp groups	**12**	**658**
5	Twitter Account	**KVK, Yavatmal**	**12**
6	Website	**KVK, Yavatmal**	**75391**

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.

As of now he has earning approximately near **about Rs 22, 56,000 (twenty two lakh fifty six thousand) per year** and rear bee in more than 470. Approximately 40 kg honey collect from each box. Near about per annum **18,800 kg honey** collected from his business.

From today's earning income expenses on labor payment, tools wax sheets, (miscellaneous expenditure), feeding off season, transport migration, containers, packing, electricity is on near about of Rs.10,60,000 to 10,67,600 expenditure.

		
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
--	--	--	--

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

A. Practicing Farmers

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

B. Rural Youth

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

C. In-service personnel

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

5.2. Indicate the methodology for identifying OFTs/FLDs

For OFT:

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

ii) Problem identified from Matrix

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

5.3. Field activities

i.Name of villages identified/adopted with block name	Madani	Kothmba	Shivani
No. of farm families selected per village	271	137	125
No. of survey/PRA conducted	01	01	01
No. of technologies taken to the adopted villages	06	04	03
Name of the technologies found suitable by the farmers of the adopted villages	Cropping production technology, IPM, Farm mechanization, 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,	Horizontal	Horizontal	Horizontal

area/technological– horizontal/vertical)			
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	NEERI, Nagpur	Defloridation Technology and household unit of water.
15	NHB and NHM	Funding agency for establishment of nursery at KVK, Yavatmal
16	National Medicinal and Aromatic Plant Board	Provide resource persons for different horticultural programmes conducted under NHM.
17	MSSCl, Yavatmal	Act as a supply source of seed material of agronomical and horticultural crops to KVK, Yavatmal for farm demonstrations, OFT and FLDs.
18	ITC Choupal Sagar	Marketing of soybean grains. Extending technical support to ITC cultivators, training and Mela
19	NABARD	Formation KVK- NABARD farmers club and project sanctioning to KVK contacties.
20	ATMA	Funds mobilized for Innovative Extension Education programmes and entrepreneurship development
21	District Dealers Association, Yavatmal	Jointly organization training and Krishi Mela and Technology dissemination through Krishi Sanwadini distribution.
22	District Collectorate and revenue	As a ATMA distict member. Involvement of KVK in 'kklu vkiY;k nkjh programme.
23	Forest Department, Pandharkawada and Yavatmal Division	Introduction of Lac insects in many a forest range/s through programme of lac cultivation.
24	Joint Forest Management Committee	25 JFMC are under linking with KVK for Lac culture and other entrepreneurship development.
25	World Vision of India	Supporting technical knowledge how for livelihood and area development programme by entrepreneurship development.
26	SRTT	Services providing as a Resource Persons.
27	Chetana Organizaton, Ghatanji	Services providing as a Resource Persons.
28	Vikas Ganga, Ghatanji	Services providing as a Resource Persons.
29	Swaminathan Research Foundation Trust, Chennai (Branch Yavatmal)	Evolvement in Village Knowledge Bench, Promoting through SRTNVA Fellowship to KVK contacties.
30	Vidarbha Rural Reconstruction Trust, Kongara	Technical support and scheme convergence for farmers.
31	District Information Office	Technical dissemination and news publish.
32	Agro-One (Daily News Paper for farmers)	Jointly Krishi Mela organization and technical support in form of resource persons.
33	YASHADA, Pune	Nominated KVK as a District Resource Organization. Jointly organized the training programme under IWMP for farmers.
34	CIAE, Bhopal	Technical support and scheme convergence for farmers.
35	MAVIM, Yavatmal	SHG Training
36	SVNG Medical College, Yavatmal	Medical camp organization
37	PHC, Yavatmal district	Medical camp organization of OFT, FLD's
38	Cottage Hospital, Pandharkawda	Medical camp organization of OFT, FLD's
39	District Health Laboratory, Yavatmal	OFT, FLD's water testing
40	Health Laboratory, Yavatmal	Water Testing
41	MAU Parbhani	Technical FLD, OFT's
42	ANGRAU, Hyderabad	Technical FLD, OFT's
43	District Project Coordination Committee, Yavtmal	Nominated for DPCC
44	RCF, Ltd	Associated as a mass media for technology dissemination through Kisan Melava and source of soil testing.
45	RCOF, Nagpur	Organic farming
46	ShramShakti Pratishthan, Wardha	Jointly organization of training programmes and technical support in form of resource persons.
47	Dist. Dairy Devlop. Officer	Technical support and scheme convergence for farmers.
48	APMC, Pusad	Jointly Krishi Mela organization and technical support in form of resource persons.
49	Veterinary Department	Sparing services in Training and Extension services of one

		other
50	Zilha Parishad, Agriculture	Invited member in Krishi Samiti of Zilha Parishad, heded by ZP Vice Chairman, working as a Nodal Officer in Agriculture Exhibition.
51	Community Social Responsibility Unit of Reliance Sector.	Providing platform of form cables for University's Technology Dissemination.
52	Reliance Foundation Regional Office, Yavatmal	Associated as a mass media for technology dissemination
53	Gram Sudhar Mandal, Babhulgaon	Jointly organization of training programmes and technical support in form of resource persons.
54	AFPRO Yavatmal	Associated as a mass media for technology dissemination through Kisan Melava and Training
55	ISHA foundation	Sparing services in Training and Extension services of one other
56	AFARM Yavatmal	Associated as a mass media for technology dissemination through Kisan Melava and Training.
57	ICICI foundation	Training
58	IFFCO Yavatmal	Training & Demonstration

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

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

C. Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

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

As the expert of the KVK, involved in for developing strategic research and extension plan of the distrct. As per identified AES zone discuss the problem and situation with resource rich and resource poor. After that distrcts committee member finalized burnining issue strategies for the districts.

Coordination activities between KVK and ATMA

S. No.	Programme	Particulars	No. of programmes attended by KVK staff	No. of programmes Organized by KVK	Other remarks (if any)
01	**Meetings**	12	**Dr. S. U. Nemade Dr. P. N. Magar Dr. S. S. Wane, Mr. M. B. Dhole, Mr. V. D. Rathod**	**06**	
02	**Research projects**	1	--	--	--
03	**Training programmes**	12	**Dr. S. U. Nemade Dr. P. N. Magar Dr. S. S. Wane, Mr. M. B. Dhole,**	**05**	
04	**Demonstrations**	0	--	--	--
05	**Extension Programmes**	13	**Dr. S. U. Nemade Dr. P. N. Magar Dr. S. S. Wane, Mr. M. B. Dhole,**	**04**	--
	KisanMela	00	--	--	--

	Technology Week	00	--	--	--
	Exposure visit	00	--	--	--
	Exhibition	01	**Dr. S. U. Nemade Dr. P. N. Magar Dr. S. S. Wane, Mr. M. B. Dhole,**	**04**	--
	Soil health camps	06	**Dr. S. U. Nemade Mr. V. D. Rathod**	**02**	--
	Animal Health Campaigns	00	--	--	--
	Others (Pl. specify)	00	--	--	--
06	**Publications**		--	--	--
	Video Films	02	**Mr. M. B. Dhole,**	**01**	--
	Books	00	--	--	--
	Extension Literature	00	--	--	--
	Pamphlets	**00**	--	--	--
	Others (Pl. specify)	**00**	--	--	--
07	**Other Activities** (Pl.specify)	**--**	--	--	--
	Watershed approach	**01**	**Dr. S. S. Wane,**	**01**	--
	Integrated Farm Development	**00**	--	--	--
	Agri-preneurs development	**00**	--	--	--

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	**Demontratin conducted CO-4 fodder crop**	**RKVY**	**1,12,000**	**1,12,000**	**Completed**

G. Details of linkage with PKVY (Paramparagat Krishi VikasYojana)

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

H. Details of linkage with NFSM

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks
1	**Soybean**	**CFLD Oilseed**	**75000**	**93750**	**75 % fund release on dated 05.03.2021**
2	**Sesamum**	**CFLD Oilseed**	**50000**		
3	**Chik pea**	**CFLD Pulses**	**144000**	**144000**	
4	**Pigeon pea**	**CFLD Pulses**	**180000**	**180000**	

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. Innovator Farmer's 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.	Brief report
--	--	--	--	--

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

1	Seed treatment is promising **in cost effective management of color rot in soybean**
2	Use of **HaNPV biopesticide is** promising **in pod borer management**
3	Soybean – var. demo High yielding variety
4	Pigeonpea – ICM Good technology required to be demonstrated widely
5	Chickpea - var. demo High yielding variety with quality production.
6	Chick pea- ICM Feasible technology for high crop yield
7	Using Mineral mixture on milk yield of ND- bufllow feeding is helfful to increase milk production
8	Azolla: a feed supliment in ND- Cow increase mik yield as compare to local

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 management of root rot in soybean can be achieved
4	Use Biopesticides and Integrated Pest Management is very important and I am using pesticides as per need and as last option
5	BBF planter is good for sowing the Soybean.

11. Technology Week celebration during2020: No

Period of observing Technology Week: From to
Online / Offline:
Total number of farmers visited :
Total number of agencies involved :
Number of demonstrations visited by the farmers within KVK campus:

Other Details

Types of Activities	No. of Activities	Number of Farmers	Related crop/livestock technology
Gosthies	0	0	0

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

12. IMPACT

A. Impact of KVK activities

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 2019-20	50	19.41	9976	12376
Integrated Crop Management Practices in Chick pea (RKVY) for year 2019-20	55	18.07	13991	15972

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

13. 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 2020	01	13000	
Feb 2020	03	12941	
March 2020	02	12991	
April 2020	0	0	
May 2020	12	12974	
Jun 2020	03	13103	
Jul 2020	04	13204	
Aug 2020	02	13026	
Sept 2020	05	13218	
Oct 2020	05	13503	
Nov. 2020	04	15741	
Dec. 2020	02	15779	

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
Yavatmal-I	Text only	23	5	4	2	5	5	44
	Voice only	0	0	0	0	0	00	0

	Voice & Text both	0	0	0	0	0	0	0
	Total Messages	23	5	4	2	5	5	44
	Total farmers Benefitted	**15703**	**15780**	**15742**	**15765**	**15766**	**15743**	**94499**

14. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Demo Unit	Year of establishment	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Produce	Qty.	Cost of inputs	Gross income	
1	Bio control lab	2018	12x15 feet	Trichocards production	152 No.	152 No.	Rs 50/cards	7600	--
2	Azolla production	2010	5 Bed (12x4) feet	Azolla pinnata culture	532 kg	532 kg	Rs 80/kg	42560	

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	18.06.2020	21.10.2020	1.00	AKU-10-1	B	06	--	--	--
Oilseeds	15.06.2020	22.10.2020	2.00	AMS-1001	T	08	--	--	--
	17.06.2020	23.10.2020	2.00	AMS-S-18	T	11	--	--	--
Mustard	10.11.2020	28.02.2021	0.40	ACN-9	T	10			
Linseed	06.11.2020	26.02.2021	0.40	NL-260	T	05			
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)	Amount (Rs.)		Remarks
				Cost of inputs	Gross income	
1	Bio-Fertilizers	--	--	--	--	--
2	Bio-Fungicides	--	--	--	--	--
3	Bio-pesticides	--	--	--	--	--
4	Bio-Agents	--	--	--	--	--

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

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1	Goat	1	Usmanabadi	14	--	--	--

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 2020	00	00	00
February 2020	00	00	00
March 2020	00	00	00
April 2020	00	00	00
May 2020	00	00	00
June 2020	00	00	00
July 2020	00	00	00
August 2020	00	00	00
September 2020	00	00	00
October 2020	00	00	00
November 2020	00	00	00
December 2020	00	00	00

F. Database management

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

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

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

H. Performance of Nutritional Garden at KVK farm

If Nutritional Garden developed at KVK farm/Village Level /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

No. of Villages covered	Component of Nutritional Garden	No. of species / plants in nutritional garden	No. of farmers covered
03	Vegetable crops	05	69
	Fruit crops	00	00

H. Details of Skill Development Trainings organized

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

15.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 2020-21 (Rs. in lakh)(Till Dec, 2020)

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	**Pay & Allowances**	108000	1230000	13664997
2	**Traveling allowances**	100000	100000	51211
3	**Contingencies**	**1100000**	**1100000**	**1079963**
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)	800000	800000	800000
4	**Library** (Purchase of assets like books & journals)			
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		**2108000**	**3230000**	**15596171**

C. Status of revolving fund (Rs. in lakh) for the three 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	263300	271910	3197494
April 2019 to March 2020	3197494	1322062	979111	4439825
April 2020 to December, 2020	4439825	315767	74724	--

16. 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
Mr. M. B. Dhole	SMS (Extension Education)	Resource Conservation & Energy Self Reliance for Sustainable Agril. Development	DEE, Dantiwada Agril University (Guj)	Online (Zoom app)	
Dr. S. S. Wane	SMS, (Agril. Engg)	Water Budgeting	PoCRA Mumbai	Online (Google meet)	
Dr. S.U. Nemade	Head	Soybean Processing	KVK, Tondapur, Hingoli	Online (Zoom app)	
Dr. S.U. Nemade	Head	Farmers Scientist interaction on planning of Kharif crop	VNMKV, Parbhani	Online (Zoom app)	
Dr. S.U. Nemade	Head	Kharif Peek Parisanwad	MPKV, Rahuri	Online (Zoom app)	
Dr. S.U. Nemade	Head	Web Conferencing of Vidarbha KVKs	ATARI, Pune	Online (Zoom app)	
Dr. Kalyani Sarap	SMS, AHDS	पावसाळ्यात जनावरांची काळजी व नियोजन	DEE, Dr. PDKV, Akola	Online (Zoom app)	
Mr. M. B. Dhole	SMS (Extension Education)	ICAR ,Foundation Day	ICAER,Dehli	Web	
Mr. M. B. Dhole	SMS (Extension Education)	Baliram Diwas	ICAER,Dehli	Web	
Dr. P. N. Magar	SMS (Plant protection)	Argil. Biotechnology Challenges & Opportunities In Entrepreneurship Development	Agro-Vision Foundation ,Nagpur	Web	
all Scientist	all Scientist	State level Online Farmer Scientist Interaction-Ajewine	VNMAU,Parbhani	Web	
all Scientist	all Scientist	Fostering Freshwater Aquaculture Technology Dissemination through KVK Network	ICAER,CIFA	Web	
all Scientist	all Scientist	Digital Platform For Effective Outreach	Central Agril.Uni.Jhasi	Web	
Dr. P. N. Magar	SMS (Plant protection)	Knowledge Management System for Agriculture Extension Services in Indian NARS	ICAR	Online Zoom App	
Dr. P. N. Magar	SMS (Plant protection)	Stress Management and Time Management for organizational betterment	KVK Sagroli and EEI Anand	Online Zoom App	
all Scientist	all Scientist	Effective utilization of Bullock drawn implements in Organic Farming	Organic Farming Research and Training Centre VNMKV, Parbhani	Online Zoom App	
Dr. S. S. Wane	SMS, (Agril. Engg)	Soil and Water conservation measures in Organic Farming	Organic Farming Research and Training Centre VNMKV, Parbhani	Online Zoom App	
Dr. S.U. Nemade	Head	Agriculture scientist meet	ATARI, Pune	Web	
Dr. S.U. Nemade	Head	PM Kisan Sanman Nidhi Yojana	ATARI, Pune	Web	

Dr. S.U. Nemade	Head	Discussion on Farm Acts	ICAR, New Delhi	Zoom Live	
Dr. P. N. Magar	SMS (Plant protection)	Pink Bollworm Management	Director, Extension, Dr PDKV, Akola	Microsoft Live	
all Scientist	all Scientist	World Food Day	PMO	Live	
all Scientist	all Scientist	Awareness Programme on Farm Acts-2020	ATARI, Pune	Zoom Live	
all Scientist	all Scientist	World Egg day Awareness programme	ICAR-ARRI, Calcuta	Web	

17. 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

18. 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
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19. 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	
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20. Details of SAP

S. No.	Types of major Activity conducted- SwachhtaPakhwada, Cleaning, Awareness Workshop, Miccobial based Agricultural Waste Management by Vermicomposting etc.	No. of Programmes conducted	No. of Participants
1	On dated 11.03.20 Krishi Vigyan Kendra, Yavatmal- I organise Swachhta hi seva programme creating awareness among the farmer. Aupious presence for this programme was Dr. S. U. Nemade, Programme Coordinator Shri. M. B. Dhole, Scientist, Extension Education, Dr .P. N. Mager ,Scientist ,Entomology on Waste use for decompose	01	27
2	On dated 18.03.2020 Krishi Vigyan Kendra, Yavatmal-I purchase office cleaning material	01	09
3	on dated 16.12.2020 Krishi Vigyan Kendra, Yavatmal-I oranized Swachhata Pakhwada programme at KVK Campus. The programme was chaired by Dr. S. U. Nemade, Programme Coordinator, KVK, inaugurated by Smt Kundana bhoyar, Progressive farm women Inzapur village, as a chief guest Shri. Ramdas Gawande, Progressive farmer, Yavati village under Ralegoan block & shri. Gajendra chawale, PU, Manager, AFPRO, Yavatmal addressing remarks by Dr. Pramod Magar, SMS, Entomology, Mr. Mayur Dhole, SMS, Extension Education, KVK, Yavatmal-I on this	01	41

	occassion awareness about the swachhata Pakhawada & taking oaths in presence of chairman of the programme		
4	on dated 17.12.2020 Krishi Vigyan Kendra, Yavatmal-I oranized Swachhata Pakhwada programme at KVK Campus. The programme was conducted in presence of Dr. S. U. Nemade, Programme Coordinator & All Staff of KVK during the event Cleanliness drive including cleaning of office, premises & Re arrengement of office records.	01	09
5	on dated 18.12.2020 Krishi Vigyan Kendra, Yavatmal-I oranized Swachhata Pakhwada programme Mera Gaon Mera Gaurav Programme schemes by ICAR Institutes. at adopted village Madani, Tq. Babhulgaon Dist, Yavatmal. The programme was conducted in presence of Dr. S. U. Nemade, Programme Coordinator & All Staff of KVK during the event taking pledge & Awareness about the Swachhata action plan disscuss about spot soulution	01	13
6	on dated 19.12.2020 Krishi Vigyan Kendra, Yavatmal-I oranized Swachhata Pakhwada programme in presence of Dr. S. U. Nemade, Programme Coordinator & Staff of KVK at residential colonies of KVK campus	01	06
7	on dated 21.12.2020 Krishi Vigyan Kendra, Yavatmal-I oranized Swachhata Pakhwada on cleaning of sewerage & water lines, awareness on recycling of waste water, water harvesting for agriculture/ horticulture. Programme in presence of Dr. S. U. Nemade, Programme Coordinator & Staff of KVK	01	12
8	on dated 22.12.2020 Krishi Vigyan Kendra, Yavatmal-I oranized Swachhata Pakhwada agricultural technologies for conversion of waste to wealth, safe disposal of all kinds of wastes. Debate on Swachhata at the Marotrao Wadafale college of Agriculuture, Yavatmal participated in debated & Sheya Ankit Khokale, student of 3rd semister. this Programme in presence of Dr. S. U. Nemade, Programme Coordinator & Staff of KVK	01	34
9	on dated 23.12.2020 Krishi Vigyan Kendra, Yavatmal-I oranized Swachhata Pakhwada Celebration of Special Day- Kisan Diwas (Farmer's Day) at Patanbori, Tq. Pandharkawada, Dist. Yavatmal. the programme was chaird by Shri. Arun Atagalikar, Chief Manager, SBI, Yavatmal. Experience sharing on Swachhata initiatives by farmers and civil society officials this Programme in presence of Dr. S. U. Nemade, Programme Coordinator, Dr. P. N. Magar, Scientist, KVK, Yavatmal-I	01	54
10	on dated 24.12.2020 Krishi Vigyan Kendra, Yavatmal-I oranized Swachhata Pakhwada at KVK, Campus. this Programme in presence of Dr. S. U. Nemade, Programme Coordinator, Dr. P. N. Magar, Scientist, KVK, Yavatmal-I & Mr. M. B. Dhole, Scientist, KVK,Yavatmal-I. Awareness on waste management & Darshaprni Ark activities including utilization of organic wastes	01	13
11	on dated 28.12.2020 Krishi Vigyan Kendra, Yavatmal-I oranized Swachhata Pakhwada at KVK, Campus. this Programme in presence of Dr. S. U. Nemade, Programme Coordinator, Dr. P. N. Magar, Scientist, KVK, Yavatmal-I & Mr. M. B. Dhole, Scientist, KVK,Yavatmal-I.Campaign on cleaning of sewerage & water lines, awareness on recycling of waste water, water harvesting for agriculture	01	07
12	on dated 29.12.2020 Krishi Vigyan Kendra, Yavatmal-I oranized Swachhata Pakhwada at KVK, Campus in presence of Dr. S. U. Nemade, Programme Coordinator, Dr. P. N. Magar, Scientist, KVK, Yavatmal-I & Mr. M. B. Dhole, Scientist, KVK,Yavatmal-I. creating Awareness on community waste compost pits & bio pesticides use in farming community.	01	18
13	on dated 30.12.2020 Krishi Vigyan Kendra, Yavatmal-I & All India Radio Station yavatmal jointly oranized Swachhata Pakhwada at AIR, station yavatmal. in presence of Dr. S. U. Nemade, Programme Coordinator, Mr. H. R. Wasnik, Programme Executive, AIR, Yavatmal Dr. P. N. Magar, Scientist, KVK, Yavatmal-I & Mr. M. B. Dhole, Scientist, KVK,Yavatmal-I. Involvement of print and electronic media may be ensured so that adequate publicity is given to the SwachhtaPakhwada in Yavatmal Station.	01	09
14	on dated 31.12.2020 Krishi Vigyan Kendra, Yavatmal-I oranized Concluding ceremony of Swachhata Pakhwada at KVK Campus. in presence of Dr. S. U. Nemade,	01	09

	Programme Coordinator, & all Staff of KVK,Yavatmal-I. on this occassion auspious hand by Dr. S. U. Nemade, Senior Scientist & Head, KVK, Yavatmal taking Swachhataa pledge & address on importance of cleaning & Urged to all staff cleaning KVK campus forevery.		

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	74	2428	667	3316
Rural youths	00	00	00	00
Extension functionaries	00	00	00	00
Sponsored Training	00	00	00	00
Vocational Training	00	00	00	00
Total	**74**	**2428**	**667**	**3316**

2. Frontline demonstrations

Enterprise	No. of Farmers	Area(ha)	Units/Animals
Oilseeds	63	25.5	00
Pulses	138	55.2	00
Cereals	0	0	0
Vegetables	10	00	00
Other crops	00	00	0
Hybrid crops	00	00	00
Total	211	80.7	0
Livestock & Fisheries	35	00	70
Other enterprises	0	0	0
Total	35	00	70
Grand Total	246	80.7	

3. Technology Assessment & Refinement

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

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	91	2231
Other extension activities	00	00

Total	**91**	**2231**

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterpri se	Total
Yavatmal-I	Text only	23	5	4	2	5	5	44
	Voice only	0	0	0	0	0	00	0
	Voice & Text both	0	0	0	0	0	0	0
	Total Messages	23	5	4	2	5	5	44
	Total farmers Benefitted	**15703**	**15780**	**15742**	**15765**	**15766**	**15743**	**94499**

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	40	--
Planting material (No.)	00	00
Bio-Products (kg) (Trichocards)	152	7600
Livestock Production (No.) (Azolla)	532	44560
Fishery production (No.)	00	00

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil	1522	228300
Water	00	00
Plant	00	00
Total	**1522**	**228300**

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	06
2	Conferences	00
3	Meetings	20
4	Trainings for KVK officials	00
5	Visits of KVK officials	97
6	Book published	00
7	Training Manual	00
8	Book chapters	00
9	Research papers	00
10	Lead papers	35
11	Seminar papers	00
12	Extension folder	06
13	Proceedings	00

14	Award & recognition	00
15	On going research projects	03