

ICAR-ATARI, Pune
DETAILS OF ACTION PLAN OF KVKs DURING 2023-24
(22nd to 23rd February 2023)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address with PIN code	Telephone		E mail	Website address & No. of visitors (hits)
Krishi Vigyan Kendra, Lakhandur Road, Sakoli, Distt. Bhandara (MS) 441802	Office	FAX	kvkbhandara@gmail.com	www.kvksakoli.pdkv.ac.in (34272)
	07186-295018	--		

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

Address	Telephone		E mail	Website address
	Office	FAX		
Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola	0724 -2258200 to 2258217	0724-2258219, 2259248	vc@pdkv.ac.in	www.pdkv.ac.in

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

Name	Telephone / Contact		
	Office	Mobile	Email
Dr. Usha R. Dongarwar	07186-295018	9403617113	udongarwar@gmail.com

1.4. Year of sanction: 17 March, 2002

1.5. Staff Position (as on 2023)

Sl. No.	Sanctioned post	Name of the incumbent	Discipline	If Permanent, Please indicate		Date of joining	If Temporary, pl. indicate the consolidated amount paid (Rs./month)
				Current Pay Band	Current Grade Pay		
1.	Senior Scientist and Head	Dr. Usha. R. Dongarwar	Agronomy	37400-67000	59220+ 10000 GP	02.09.2021	-
2.	Subject Matter Specialist	Shri.P.P.Parwate	Extension Education	15600-39100	17550+ 5400 GP	17.09.2016	-
3.	Subject Matter Specialist	Shri Y.R.Mahalle	Agril. Engineering	15600-39100	17550+ 5400 GP	23.09.2016	-
4.	Subject Matter Specialist	Dr.P.B.Khirari	ASDS	15600-39100	17550+ 5400 GP	28.09.2016	-
5.	Subject Matter Specialist	Dr. P.S. Umbarkar	Plant Protection	15600-39100	17550+ 5400 GP	16.12.2021	-
6.	Subject Matter Specialist	Ku. K.D. Tayade	Horticulture	15600-39100	17550+ 5400 GP	11.08.2022	-
7.	Subject Matter Specialist	Vacant	Home Science	-	-	-	-
8.	Programme Assistant	Vacant	Lab Technician	-	-	-	-
9.	Computer Programmer	Shri. K.S.Gaikwad	Computer Science	9300-34800	10560+ 4200 GP	19.08.2016	-
10.	Farm Manager	Vacant	-	-	-	-	-
11.	Accountant/Superintendent	Vacant	-	-	-	-	-
12.	Stenographer	Shri.G.B. Gavate	BA	7510-20200	2400	10.10.2022	-
13.	Driver 1	Shri.M.P.Sukhdeve	HSC	5200-20200	7250+2000 GP	10.10.2016	-
14.	Driver 2	Vacant	-	-	-	-	-
15.	Supporting staff 1	Miss A. R. Idhole	BA	5200-20200	5410+1800 GP	29.10.2018	-
16.	Supporting staff 2	Shri. N.G. Dongare	BA	5200-20200	5410+1800 GP	04.10.2018	-

1.6. Total land with KVK (in ha) : 17.30 ha

S. No.	Item	Area (ha)
1	Under Buildings	4.0
2.	Under Demonstration Units	1.0
3.	Under Crops	11.60
4.	Horticulture	0.15
5.	Pond	0.30
6.	Others if any	0.25

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	--	Not available. working in university old building	--	--	Not available. working in university old building	--	--
2.	Farmers Hostel	--	Not available	--		Not available	--	--
3.	Staff Quarters (6)	--	Not available	--	--	Not available	--	--
4.	Demonstration Units (2)	--	Vermicompost unit in locally made structure	--	--	Vermicompost unit in locally made structure	--	--
5	Fencing	--	Only one side , 600 mt	--	--	Only one side , 600 mt	--	--
6	Rain Water harvesting system	--	Not available	--	--	Not available	--	--
7	Threshing floor	--	Not available	--	--	Not available	--	--
8	Farm godown	--	Not available	--	--	Not available	--	--
9	ICT lab	--	Not available	--	--	Not available	--	--

10	Other	--	Not available. working in university old building	--	--	Not available. working in university old building	--	--
		--	Not available	--	--	Not available	--	--

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor MH- 36- 6201	2002	3,69,965	632	Not Working
LMV- Tata Sumo /MH36/4636	2004	3,69,045	2,34,949	Not Working
Mobile Soil Testing Lab MH36/2167 (Manav Vikas Mission)	2012	3500000	28,760	Working
Mobile Soil Testing Lab MH36/2168 (Manav Vikas Mission)	2012	3500000	44,429	Working
Tractor MH-36 2556	2012	5,00,000	1554.9	Working
Mahindra Bolero/ MH-36Z-8615	2019	8,00,000	1,543	Working

C) Equipments& AV aids

Name of the equipment / Implements	Year of purchase	Cost (Rs.)	Present status
Cultivator (Tractor operated)	5.12.2002	12,500	Working
Multicrop Thresher	26.3.2003	13,950	Working
Chaff Cutter 2 Hp	26.3.2003	10,925	Working
Groundnut Decorticator	26.3.2003	5,132	Working
Krushivator	26.3.2003	63,280	Working
Honda Genset	31.3.2004	55,597	Working
United Genset	2009	247000	Working
Tractor trailer	2009	125030	Working
Seed cum fertilizer Drill	2009	42,456	Working
Reaper	2009	83574	Working
Petro kerosene 2HP Engine	2009	14606	Working
5 HP Electric Pump	2009	16520	Working
Mould Board Plough	2009	23681	Working

Pankaj Puddler	2009	6600	Working
HDPE Pipes	2009	42735	Working
Zero Till Drill	2012	--	Working
BBF Planter	2012	--	Working
Rain Gun	2012	--	Working
Rice Grain Planter	2012	85000	Working
Power Weeder (2)	2012	88000	Working
Brush cutter	2017	48000	Working
A.V. Aids			
LCD	31.3.2004	1,07,000	Working
Digital Camera	31.3.2004	21,900	Working
Video Camera (Sony)	27.3.2006	35,000	Working
Onida CTV 29'' Oxy Thunder	27.3.2006	25,490	Working
Onida DVD Player	27.3.2006	4,490	Working
Public Address System	31.3.2004	26,480	Working
Canaon Xerox machine	28-3-2017	68,093	Working
DELL Laptop	31-03-2017	26,000	Working
Water Cooler	27.07.2019	76000	Working
CCTV	26.07.2019	28170	Working
Conon-G3010 Printer	24.07.2019	12500	Working
Dell Laptop (Inspiron 3584)	03.02.2020	38500	Working
Conon-MF 241 D	03.02.2020	21000	Working

1.8. Details SAC meeting conducted in the year 2022

Sl.No.		Date
1.	Scientific Advisory Committee Meeting	20.07.2022
2.	Scientific Advisory Committee Meeting	08.11.2022

2. DETAILS OF DISTRICT

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

S. No	Farming system/enterprise
1.	Rice based farming system (Rice-Animal husbandry, Vegetables, Fishery)
2.	Rice based farming system (Rice- Vegetables)

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.	Rice –Pulses sub zone	Annual precipitation 1400-1650 mm
2.	Rice –Rabi sorghumsub zone	1250-1400 mm
3.	Multi crop rabi dominated sub zone	1250-1300 mm

b)Topography

S. No.	Agro ecological situation	Characteristics
1.	Rice –Pulses sub zone	Annual precipitation 1400-1650 mm
2.	Rice –Rabi sorghum sub zone	1250-1400 mm
3.	Multi crop rabi dominated sub zone	1250-1300 mm

2.3 Soil Types

S. No	Soil type	Characteristics	Area in ha
1	Entisols (Shallow soil)	Gray in colour, Depth - 7.5 CM, pH- 7-8, well-drained, WHC less, Very low in org. C, avail. N & P & medium in avail. K. Suitable for forest plant like Neem, Subabul, Eucalyptus, Bamboo.	3.62 lakh ha.
2	Alfisols (Reddish brown)	pH-6.5-7.5, WHC medium, low in available nutrient. Suitable for rice, teak, bamboo, and eucalyptus etc.	3.37 lakh ha.
3	Inceptisols (Medium deep black)	Depth-25-5 cm, Depth- 7.5-25 cm; pH- 7.5-8.5, well drained, WHC less, Low in organic C, Available N, & P. Available K is very high. Suitable for pulses & oilseeds	2.51 lakh ha.

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

S. No	Crop	Area (ha)	Production (MT.)	Productivity (Qt./ha)
1	Paddy	177403	339775	20.24
2	Wheat	19056	19056	10.00
3	Total Cereals	194459	258831	23.67
4	Gram	8100	6480	8.00
5	Tur	8200	5059	6.17
6	Total Pulses	16300	11539	14.17
7	Linseed	3800	1292	3.40
8	Sesamum	500	174	3.49
9	Soyabean	8061	5844	7.25
10	Total oilseeds	10046	6340	9.75
11	Sugarcane	1600	112000	70.00

Source: District Agriculture Department. Bhandara

2.5. Weather data (2022)

Month	Rainfall (mm)	Temperature 0 C		Relative Humidity (%)	
		Maximum	Minimum	Maximum	Minimum
Jan-2022	29.40	30.1	6.7	100	22
Feb-2022	12.20	33.3	8.4	100	14
March-2022	0.00	41.7	14.15	100	9
April 2022	0.00	43.7	18.1	100	8
May-2022	28.07	43.9	22.5	99	11
June 2022	135.00	45.5	21.9	100	10
July 2022	661.1	34.80	23.30	100	57
August 2022	454.8	35.00	23.40	100	64
September 2022	308.1	34.80	21.70	100	62
October 2022	587.0	34.10	14.20	100	63
November 2022	0.00	34.10	9.10	100	49
December 2022	0.00	32.2	9.70	100	42

2.6. Production and productivity of livestock, Poultry, Fisheries etc. in the district (2022)

Category	Population	Production	Productivity
Cattle			
<i>Crossbred</i>	39578	237468 Liter/Day	--
<i>Indigenous</i>	33438	50157 Liter/Day	--
Buffalo	45122	180488 Liter/Day	--
Sheep	2684	--	--
Goats	161528	--	--
Pigs	249	--	--
<i>Crossbred</i>	--	--	--
<i>Indigenous</i>	--	--	--
Rabbits	--	--	--
Poultry			
Hens	270259	--	--
<i>Desi</i>	--	--	--

2.7. Details of Operational area / Villages

Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
Sakoli	Sakoli	Parastola, Pindkepar, Bodara, Ekodi, Sonpuri, Makkhitola, Shiregaontola	Paddy, Pigeonpea, Chickpea, Sesamum, Linseed, Mustard, Lathyrus, Dairy ,Poultry, Horticultural crop	Low productivity	Integrated Nutrient Management in all crops, Integrated Pest Management in all crops, Crop diversification, Agri entrepreneurship development, Multi resistant varieties of crops, Lack of knowledge about new technologies
Lakhani	Lakhani	Mundipar, Salebhata,	Paddy, Chickpea, Linseed, Dairy ,Poultry, Horticultural crop	Low productivity	

2.8. Discipline-wise Priority thrust areas:

Crop/Enterprise	Thrust area
Agronomy/Entomology	Integrated Nutrient Management in all crops
	Integrated Pest Management in all crops
	Crop diversification
	Agri entrepreneurship development
	Lack of irrigation water
	Multi resistant varieties of crops
	Poor economic condition
	Lack of knowledge about new technologies
	Need implements for rabi cultivation
	More pest infestation in kharif paddy
Livestock& Dairy	Needs upgradation of local breeds of cow, buffalo, goat, etc.
	Need Improvement in milk productivity of milch animals.
	Improvement in health of milch animal.
	Need to increase area under forage crop.
	Commercialization of dairy enterprise.
	Reduction in cost of feed through enrichment of poor quality roughages and preparation of own feed mixed.
	Popularization of deworming and vaccination of animal
Horticulture	Improvement in productivity of horticultural crops
	Multiplication of disease free planting material.
	Knowledge about package of practices for vegetable, fruit and flower crops
	Improvement of post harvest handling of horticultural crops
Mechanization	To mechanize seed bed preparation, nursery preparation, Puddling , transplanting, Sowing,intercultural and harvesting operation in paddy cultivation

	To mechanize seed bed preparation, sowing/planting and harvesting operation in rabi crop cultivation
Soil water conservation	To introduce the soil and water conservation measures for storage and utilization of rain water To introduce low cost technology for Water Recycling
Drudgery reduction	Promotion of drudgery reducing farm implements for women. Entrepreneurship development in fruit and vegetable processing and mushroom cultivation
Extension Education	Organisation of farmers group and their capacity building
	Promotion of micro financing, linkages with banks
	Secondary agriculture and Entrepreneurship development
	Market intelligence
	Promotion of agricultural insurance and subsidiary occupations
	TOT for Knowledge dissemination and boosting rate of adoption of improved technology
	Establishment, strengthening and utilization of linkages and Use of ICT
	To introduce the micro irrigation methods (drip/sprinkler irrigation methods)
Family Nutrition	Nutrition education and food security of rural families

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 FLD	Number of Farmers
10	130	10	130

Training		Extension Activities	
(3)		(4)	
Number of Courses	Number of Participants	Number of activities	Number of participants
90	2796	395	49560
Seed Production (Qtl.)	Planting material (Nos.)	Fish seed prod. (No's)	Soil Samples
(5)	(6)	(7)	(8)
210 qtl.	Fodder Sets 5000	-	100

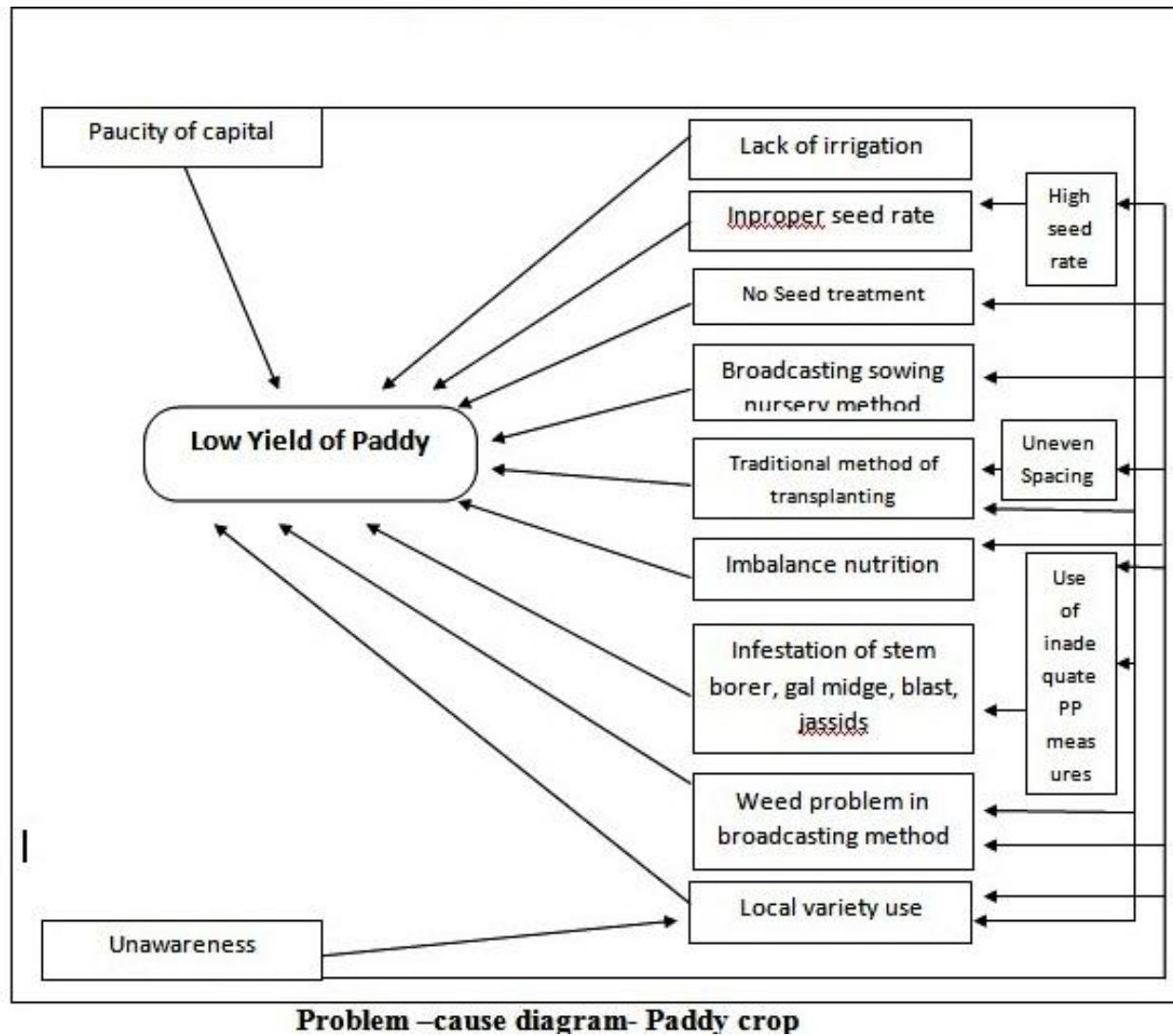
3.1. B. Operational areas details proposed during 2023

S.No	Major crops & enterprises being practiced in cluster villages	Prioritized problems in these crops/ enterprise	Extent of area (Ha/No.) affected by the problem in the district	Names of Cluster Villages identified for intervention	Proposed Intervention (OFT, FLD, Training, extension activity etc.)*
1	Paddy	Monocropping & Lack of knowledge about IPM	2750	Parastola, Pindkepar, Bodara, Ekodi, Sonpuri, Makhitola, Shiregaontola, Kumbhali	OFT, FLD, Training Programme, Method Demonstration
2	Pigonpea	Lack of Knowledge about scientific technology about crop production & Lack of knowledge about IPM	575	Parastola, Pindkepar, Bodara, Ekodi, Sonpuri, Makhitola, Shiregaontola, Kumbhali	OFT, FLD, Training Programme, Method Demonstration

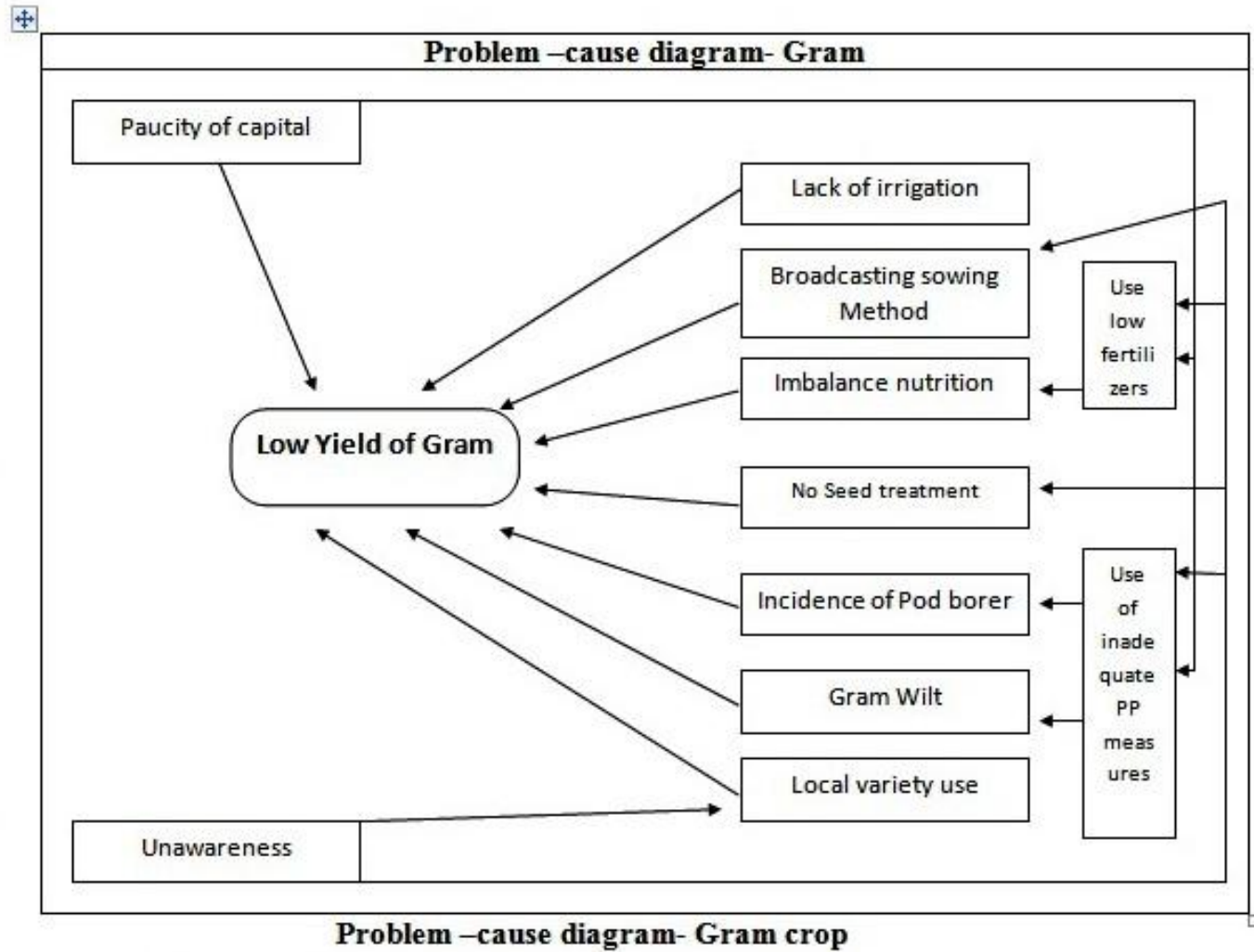
3	Chickpea	Lack of Knowledge about scientific technology about crop production & Lack of knowledge about IPM	758	Parastola, Pindkepar, Bodara, Ekodi, Sonpuri, Makhitola, Shiregaontola, Kumbhali	OFT, FLD, Training Programme, Method Demonstration
4	Safflower	Lack of knowledge about IPM	140	Parastola, Pindkepar, Bodara, Ekodi, Sonpuri, Makhitola, Shiregaontola, Kumbhali	FLD, Training Programme, Method Demonstration
5	Paddy	Farm Mechanization	2753	Parastola, Pindkepar, Bodara, Ekodi, Sonpuri, Makhitola, Shiregaontola, Kumbhali	OFT, Training Programme, Method Demonstration
6	Chickpea	Farm Mechanization	758	Parastola, Pindkepar, Bodara, Ekodi, Sonpuri, Makhitola, Shiregaontola, Kumbhali	OFT, Training Programme, Method Demonstration
7	Safflower	Farm Mechanization	198.5	Parastola, Pindkepar, Bodara, Ekodi, Sonpuri, Makhitola, Shiregaontola, Kumbhali	FLD, Training Programme, Method Demonstration
8	Paddy	Farm Mechanization	2753	Parastola, Pindkepar, Bodara, Ekodi, Sonpuri, Makhitola, Shiregaontola, Kumbhali	FLD, Training Programme, Method Demonstration
9	Azolla	Low milk production of local cattle	40	Parastola, Pindkepar, Bodara, Ekodi, Sonpuri, Makhitola, Shiregaontola, Kumbhali	OFT, Training on cultivation of fodder crops
10	Fodder crop	Less area under fodder crop	15	Parastola, Pindkepar, Bodara, Ekodi, Sonpuri, Makhitola, Shiregaontola, Kumbhali	FLD, Training on cultivation of fodder crops

* Support with problem-cause and interventions diagram

3.1. C. Problem diagram of problems



cause major



3.2. Technologies to be assessed

A.1. Abstract on the number of technologies to be assessed in respect of **crops**

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation	01	-	-	01	02	-	-	-	-	04
Seed / Plant production	-	-	-	-	-	-	-	-	-	-
Weed Management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-
Integrated Farming System	-	-	-	-	-	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
Drudgery reduction	-	-	-	-	-	-	-	-	-	-
Farm machineries	01	01								02
Value addition	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	01	-	-	-	-	-	-	-	-	01
Integrated Disease Management	-	-	01	-	-	-	-	-	-	01
Resource conservation technology	-	-	-	-	-	-	-	-	-	-
Small Scale income generating enterprises	-	-	-	-	-	-	-	-	-	-
TOTAL	03	01	01	01	02	00	00	00	00	08

A.2. Abstract on the number of technologies to be assessed in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Wormi culture	Fisheries	TOTAL
Evaluation of Breeds	-	-	-	-	-	-	-	-
Nutrition Management	2	-	-	-	-	-	-	2
Disease of Management	-	-	-	-	-	-	-	-
Value Addition	-	-	-	-	-	-	-	-
Production and Management	-	-	-	-	-	-	-	-
Feed and Fodder	-	-	-	-	-	-	-	-
Small Scale income generating enterprises	-	-	-	-	-	-	-	-
TOTAL	2	-	-	-	-	-	-	2

B. Details of On Farm Trial / Technology Assessment during 2023

S · N o ·	Crop/ enterprise	Prioritized problem	Title of intervention	Technology options	Source of Technolo gy	Name of critical input	Qty per trial	Cost per trial	No. of trials	Total cost for the Interventio n (Rs.)	Parameters to be studied	Team member s
1	Paddy	Imbalance use of fertilizers, Use of private sector varieties	Nutrient management and IWM in Paddy Variety PDKV-Tilak	INM (RDF) + IWM (Application of pre-em Pretilachlor 50 EC@0.7 kg a.i per ha.fb Bispirbac sodium @25ga.i per ha at 20 DAS fb and 1 hoeing at 40 DAS.)with improved variety PDKV- Tilak	Dr. P.D.K.V., Akola	1) Seed (20Kg), 2)Micro nutrients, 3) Chemical fertilizers 4) Weedicide	20 Kg	5000/-	13	75000/-	1) Plant height (cm) 2) No. of effective tillers per plant 3) Panicle length (cm) 4) Grain yield (kg/ha) 5) B:C ratio	Dr. Usha R. Dongarwa r and Mr. Layant Anitya
2	Chickpea	Imbalance use of fertilizers, Use of private sector varieties	Nutrient management and in Chickpea Variety PDKV- Kanchan	RDF + Micronutrients (PDKV Micro Grade II)+ Biofertilizers	Dr. PDKV, Akola	1) Seed (24Kg), 2) Liquid Micro nutrients, 3) Chemical fertilizers	24 Kg	3300/-	15	49500/-	1) No. of Branches, 2) No. of Pods 3) Plant Height 4) Yield Q/ha,	Dr. Usha R. Dongar war and Mr. Layant Anitya
3	Paddy	Paddy Stem Borer is serious problem in paddy crop, affecting the yield badly.	Management of Paddy Stem Borer	Tricho cards , Carbofuran 3% @ 25 Kg/ha and Fipronil	Dr. PDKV, Akola	Tricho cards Carbofura		10000/-	13	1,30,000/-	1) Incidence of Paddy Stem Borer 2) Yield (q/ha) 3) B:C ratio	Dr. Usha R. Dongarw ar and Dr. P. S.

				0.3% @16.67 Kg/ha.		n 3% and Fipronil 0.3% Rs. 10000/-						Umbarkar
4	chickpea	Heavy incidence of wilt disease on chickpea was noticed in the district	Management of Chickpea Wilt	Seed treatment of Carboxin + Thiram @ 3 gm and Trichoderma 10 gm per kg seed and Seed treatment of Carboxin + Thiram @ 3 gm and Trichoderma 4 gm per kg seed and soil application of Trichoderma 5 kg/ha 10 days before sowing.	Dr. PDKV, Akola & NAU, Navsari	Carboxin + Thiram and Trichoderma, Rs. 7000/-		9000/-	13	1,17,000/-	i) Per cent infestation ii) Yield (q/ha), iii) B:C Ratio	Dr. Usha R. Dongarwar and Dr. P. S. Umbarkar
5	Chilli	Poor quality of Chilli and low yield	High yielding varieties of chilli for improvement of yield	Chilli variety 1) Arka Shweta 2) Arka Meghana	IIHR, Bangalore	1) Arka Shweta 2) Arka Meghana		7,000/-	13	91,000/-	i) No of picking ii) Fruit yield iii) B:C Ratio	Dr. Usha R. Dongarwar and Ku. K.D. Tayade

6	Tomato	Poor quality and Low yield of Tomato	Assessment on disease resistant high yielding varieties of tomato for improvement of yield	Tomato Varieties 1) Arka Samrat 2) Arka Rakshak	IIHR, Bangalore	1) Arka Samrat 2) Arka Rakshak		10,000/-	13	1,30,000/-	i) No of picking ii) Fruit yield iii) B:C Ratio	Dr. Usha R. Dongarwar and Ku. K.D. Tayade
7	Paddy	1) Lower tress drudgery reduction 2) Low health risks for farm labour 3) Time and Wages saving 4) Increase field Efficiency	Assessment of Bullock drawn Puddler in Paddy	Improved Bullock drawn Puddler	Dr. PDKV, Akola (2021)	Seeds, Machine, Weedicide		10,000/-	13	1,30,000/-	Observations:- 1.Field capacity (ha/h) 2.Field Efficiency (%) 3.Puddling Index 4.Cost of Operation (Rs/ha)	Dr. Usha R. Dongarwar and Mr .Y. R. Mahalle
8	Safflower	1. Climate change 2. Maximum labour consumption for weeding 3. Labour shortage at peak period 4. High cost of operation 5. Lack of knowledge about Zero till drill	Assessment of Zero till drill for sowing of Safflower	Direct seeding of Safflower with Zero till drill with seed rate @ 10 -12 kg /ha	PAU, Ludhiana	Seeds, Machine, Weedicide		5,000/-	13	65,000/-	Observations:1 .Field capacity (ha/h) 2.Fuel Consumption (litter/h) 3.Cost of Operation (Rs/ha) 4.Yield (qt/ha)	Dr. Usha R. Dongarwar and Mr .Y. R. Mahalle

		6.Low yield in safflower due to broadcasting.										
9	Bufallo	Low milk production in local buffalo	Assessment on Effect of supplementati on of Mineral Mixture in diet of Buffalo	Supplementati on of Minerals powder to Buffalo	GADVASU Ludhiyan, Punjab	Mineral mixture powder	2 Kg	Rs.560/-	13	7280/-	1) Milk yield (lit./day/anim al)	Dr. Usha R. Dongarw ar and Dr. P.B. Khirari
10	Local cattle	1.Low milk production in local cattle 2.Use of poor quality roughages	Assessment on effect of feeding of Azolla on milk production of local cattle	Supplementat ion of Azolla to Local cattle	MAFSU, Nagpur	Green Azolla,Silp aulin Plastic sheet	1 Kg	320/-	13	4160/-	Milk yield (lit./day/anim al)	Dr. Usha R. Dongarw ar and Dr. P.B. Khirari

3.3. Frontline Demonstrations

A. Details of FLDs to be organized -

Sl. No.	Crop	Variety	Thematic area	Technology for demonstration	Critical inputs with cost (Rs.)	Season and year	Area (ha)	No. of farmers/ demon.	Name of the Village	Parameters identified
1	Pigeon pea (Tur)	BDN 716	ICM	Seed Var. BDN 716 and biofertilizer (Rhizobium+ PSB+Trichoderma)	Seed Var. BDN 716 and biofertilizer (Rhizobium+ PSB+Trichoderma) @ Rs. 600/- Per treatment	Kharif 2023	5.2	13	Parastola, Makkhitola, Shiregaontola, Borgaon	1) Plant height (cm) 2) No. of Branches per plant 3) No. pods per plant 4) Grain yield (kg/ha) 5) B:C ratio
2	Safflower (Rabi)	AKS-207	ICM	Seed Var. AKS-207 and Biofertilizer (Azotobacter + PSB+Trichoderma + chemical fertilizers/ liquid micronutrients spray	Seed Var. AKS-207 and biofertilizer (azotobacter + PSB+Trichoderma + chemical fertilizers/ micronutrients spray Rs.1000/-	Rabi 2023	5.4	13	Parastola, Makkhitola, Shiregaontola, Borgaon	1) Plant height (cm), 2)No. Btanches per plant, 3)No. of florate per plant, 4)No. grains per florate, 5)Yield (q/ha), 6) B:C ratio

					Per treatment					
3	Paddy	PDKV-Tilak	IPM	Spraying of Flonicamid 50 % WG @ 3 gm followed Pymetrozine 50% WG @ 6 gm per 10 liter of water	Spraying of Flonicamid 50 % WG @ 3 gm followed Pymetrozine 50% WG @ 6 gm per 10 liter of water	Kharif 2023	5.2	13		1.Per cent infestation 2.yield 3.B:C ratio
4	Pigeonpea	BDN-716	IPDM	Seed treatment with combi product of fungicide Carboxin 37.5 + Thiram 37.5 @ 3 gm per kg seed followed by seed treatment with Trichoderma viride @ 10 g/kg seed	Seed treatment with combi product of fungicide Carboxin 37.5 + Thiram 37.5 @ 3 gm per kg seed followed by seed treatment with Trichoderma viride @ 10 g/kg seed	Kharif 2023	5.2	13		1.Per cent wilt infestation 2.yield 3. B:C Ratio
5	Onion	Akola Safed	Varietal performance	Seed of Onion	Onion variety Akola Safed	Rabi 2023	5.2	13		1) B:C Ratio 2) Yield
6	Okra	PDKV Pragati	Varietal performance	Seed of Okra	PDKV Pragati	Kharif 2023	5.2	13		1) B:C Ratio 2) Yield
5	BBF	Chickpea	Farm Machanisation	Use of BBF Planter in Chickpea	Machinery	Rabi 2023	5.2	13		1.Field capacity (ha/hr), 2.Cost of Operation (Rs/ ha) 3.Time Required (ha/hr) 4.Seed Saving (Kg/ha)
6	Rice Grain Planter	Paddy	Farm Machanisation	Use of Rice Grain Planter in Paddy	Seed, Machinery , Bio fertilizer Weedicide	Kharif 2023	5.2	13		1.Field capacity (ha/hr), 2.Cost of Operation (Rs/ ha) 3.Time Required (ha/hr) 4.Seed Saving (Kg/ha)
7	Poultry	Kaveri birds	Feed and Fodder Animal nutrition	Demonstration on supplementation of 3 % linseed oil on the performance of Giriraj poultry birds	1.Birds 2.Feed 3.Linseed oil	-	-	13		1.Body weight gain(gm) 2.Feed consumption (kg) 3. Mortality (%)

8	Local Cattle	Hybrid Napier Variety: DHN-6	Feed and Fodder	Demonstration on effect of feeding Hybrid Napier crop on milk production of cattle	Sets of Hy.Napier	Rabi	1.3	13		Milk yield (lit./day/animal)
					Total		32.7	104		

Sponsored Demonstration

Season	Crop	Technology	Area (ha)	Name of the Village	No. of farmers
Kharif	CFLD-Pulses (Pigeonpea)	Varietal Performance	30	Shiregaontola, Makkhitola, Parastola,Borgaon, Bodara,Sonpuri,Ekodi	75
Rabi	CFLD-Pulses (Chickpea)	Varietal Performance	30	Shiregaontola, Makkhitola, Parastola,Borgaon, Bodara,Sonpuri,Ekodi	75
Summer	CFLD- Oilseeds (Safflower)	Varietal Performance	20	Shiregaontola, Makkhitola, Parastola,Borgaon, Bodara,Sonpuri,Ekodi	50

B. Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1	Field days	07	November and March	280
2	Farmers Training	54	June-February	746
3	Media coverage	12	June-February	400
4	Training for extension functionaries	03	June-September	120

C. Details of FLD on Enterprises

a. Other

Farm Implements

Name of Technology	Crop	Season and year	Village	No. of farmers	Area (ha)	Critical inputs	Performance parameters / indicators

b. Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds etc.	Critical inputs	Performance parameters / indicators

3.4. Training (Including the sponsored and FLD training programmes):
A. ON Campus

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	03	45	15	60	15	15	30	90
Resource Conservation Technologies	-							
Cropping Systems	-	-	-	-	-	-	-	-
Crop Diversification	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-
Water management	-	-	-	-	-	-	-	-
Seed production	01	15	05	20	05	05	10	30
Nursery management	02	30	10	40	10	10	20	60
Integrated Crop Management	02	30	10	40	10	10	20	60
Fodder production	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-
II Horticulture								
a) Vegetable Crops	-	-	-	-	-	-	-	-
Production of low volume and high value crops	-	-	-	-	-	-	-	-
Off-season vegetables	-	-	-	-	-	-	-	-
Nursery raising	-	-	-	-	-	-	-	-
Exotic vegetables like Broccoli	-	-	-	-	-	-	-	-
Export potential vegetables	-	-	-	-	-	-	-	-
Grading and standardization	-	-	-	-	-	-	-	-

Protective cultivation (Green Houses, Shade Net etc.)	-	-	-	-	-	-	-	-
Fertilizer Management in Okra	01	18	02	20	07	03	10	30
Pest and diseases Management in Chilli	01	20	03	23	08	04	12	35
Importance of Staking in Tomato	01	25	05	30	07	03	10	40
Fertilizer Management in Onion	01	25	05	30	07	03	10	40
b) Fruits	-	-	-	-	-	-	-	-
Training and Pruning	-	-	-	-	-	-	-	-
Layout and Management of Orchards	-	-	-	-	-	-	-	-
Cultivation of Fruit	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-
Nursery Management of Fruit Crops	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-
c) Ornamental Plants	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-
e) Tuber crops	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-

Production and management technology	-	-	-	-	-	-	-	-
Post harvest technology and value addition	-	-	-	-	-	-	-	-
III Soil Health and Fertility Management	-	-	-	-	-	-	-	-
Soil fertility management	01	15	05	20	05	05	10	30
Soil and Water Conservation	-	-	-	-	-	-	-	-
Integrated Nutrient Management	01	15	05	20	05	05	10	30
Production and use of organic inputs	01	15	05	20	05	05	10	30
Management of Problematic soils	01	15	05	20	05	05	10	30
Micro nutrient deficiency in crops	01	15	05	20	05	05	10	30
Nutrient Use Efficiency	-	-	-	-	-	-	-	-
Soil and Water Testing	01	15	05	20	05	05	10	30
IV Livestock Production and Management								
Dairy Management	01	18	02	20	02	02	04	24
Poultry Management	01	22	02	24	04	02	06	30
Piggery Management	-	-	-	-	-	-	-	-
Rabbit Management/goat	-	-	-	-	-	-	-	-
Disease Management	-	-	-	-	-	-	-	-
Feed management	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	-	-	-	-	-	-	-	-
Design and development of low/minimum cost diet	-	-	-	-	-	-	-	-
Designing and development for high nutrient efficiency diet	-	-	-	-	-	-	-	-
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-
Storage loss minimization techniques	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-
Income generation activities for empowerment of rural Women	-	-	-	-	-	-	-	-
Location specific drudgery reduction technologies	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-

VI Agril. Engineering	-	-	-	-	-	-	-	-
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-
Small scale processing and value addition	-	-	-	-	-	-	-	-
Post Harvest Technology	01	20	10	30	03	02	05	35
Training on kharif season farm implement	02	40	12	52	02	02	04	56
Training on Rabbi season farm implement	02	40	12	52	02	02	04	56
Training on Importance of farm implement in paddy	01	20	10	30	03	02	05	35
Drudgery Reduction	01	20	10	30	03	02	05	35
VII Plant Protection								
Integrated Pest Management	05	100	50	150	30	20	50	200
Integrated Disease Management	03	60	30	90	18	12	30	120
Bio-control of pests and diseases	01	20	10	30	06	04	10	40
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-
VIII Fisheries	-	-	-	-	-	-	-	-
Integrated fish farming	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-
IX Production of Inputs at site	-	-	-	-	-	-	-	-
Seed Production	-	-	-	-	-	-	-	-

Planting material production	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-
X Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-
Leadership development	01	15	05	20	05	05	10	30
Group dynamics	01	15	05	20	05	05	10	30
Formation and Management of SHGs	01	15	05	20	05	05	10	30
Mobilization of social capital	01	15	05	20	05	05	10	30
Entrepreneurial development of farmers/youths	01	15	05	20	05	05	10	30
WTO and IPR issues	-	-	-	-	-	-	-	-
XI Agro-forestry	-	-	-	-	-	-	-	-
Production technologies	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-
XII Others (Pl. Specify)	-	-	-	-	-	-	-	-
Training programme on use of ICT in Agriculture	01	15	05	20	05	05	10	30
Training programme on use of different Mobile Apps in agriculture	01	15	05	20	05	05	10	30
TOTAL	-	-	-	-	-	-	-	-
(B) RURAL YOUTH	-	-	-	-	-	-	-	-
Mushroom Production	-	-	-	-	-	-	-	-
Bee-keeping	01	20	10	30	10	05	15	45
Integrated farming	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-

Production of organic inputs	-	-	-	-	-	-	-	-
Integrated Farming (Medicinal)	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-
Sericulture	01	20	10	30	10	05	15	45
Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-
Commercial fruit production	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-
Propagation Techniques in Fruit Crop	01	15	05	20	03	02	05	25
Nursery Management of Horticulture crops	02	30	10	40	06	04	10	50
Training and pruning of orchards	-	-	-	-	-	-	-	-
Value addition	01	03	17	20	02	08	10	30
Production of quality animal products	-	-	-	-	-	-	-	-
Dairying	01	18	06	24	04	02	06	30
Sheep and goat rearing	-	-	-	-	-	-	-	-
Quail farming	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-
Poultry production	01	14	04	18	04	03	07	25
Ornamental fisheries	-	-	-	-	-	-	-	-
Para vets	-	-	-	-	-	-	-	-
Para extension workers	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-
Fish harvest and processing technology	-	-	-	-	-	-	-	-
Fry and fingerling rearing	-	-	-	-	-	-	-	-
Small scale processing	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-

Tailoring and Stitching	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-
Awareness programme on e-waste and Its Management	02	30	10	40	10	10	20	60
TOTAL	-	-	-	-	-	-	-	-
(C) Extension Personnel	-	-	-	-	-	-	-	-
Productivity enhancement in field crops	-	-	-	-	-	-	-	-
Integrated Pest Management	01	20	10	30	10	05	15	45
Integrated Nutrient management	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-
Protected cultivation technology	01	18	02	20	03	02	05	25
Formation and Management of SHGs	-	-	-	-	-	-	-	-
Group Dynamics and farmers organization	01	15	05	20	05	05	10	30
Information networking among farmers	-	-	-	-	-	-	-	-
Capacity building for ICT application	-	-	-	-	-	-	-	-
Care and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-
Management in farm animals	-	-	-	-	-	-	-	-
Livestock feed and fodder production	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	-	-
Women and Child care	-	-	-	-	-	-	-	-
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-
Any other (Pl. Specify)	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-
G. Total	57	981	362	1343	279	224	503	1846

B. OFF Campus

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	01	15	05	20	05	05	10	30
Resource Conservation Technologies	-	-	-	-	-	-	-	-
Cropping Systems	-	-	-	-	-	-	-	-
Crop Diversification	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-
Water management	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-
Nursery management	01	15	05	20	05	05	10	30
Integrated Crop Management	02	30	10	40	10	10	20	60
Fodder production	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	04	80	30	110	20	15	35	145
Off-season vegetables	-	-	-	-	-	-	-	-
Nursery raising	-	-	-	-	-	-	-	-
Exotic vegetables like Broccoli	-	-	-	-	-	-	-	-
Export potential vegetables	-	-	-	-	-	-	-	-
Grading and standardization	-	-	-	-	-	-	-	-
Protective cultivation (Green Houses, Shade Net etc.)	-	-	-	-	-	-	-	-
b) Fruits								
Training and Pruning	-	-	-	-	-	-	-	-
Layout and Management of Orchards	-	-	-	-	-	-	-	-
Cultivation of Fruit	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-

Export potential fruits	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-
c) Ornamental Plants	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-
e) Tuber crops	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-
Post harvest technology and value addition	-	-	-	-	-	-	-	-
III Soil Health and Fertility Management	-	-	-	-	-	-	-	-
Soil fertility management	01	15	05	20	05	05	10	30
Soil and Water Conservation	-	-	-	-	-	-	-	-
Integrated Nutrient Management	01	15	05	20	05	05	10	30
Production and use of organic inputs	-	-	-	-	-	-	-	-
Management of Problematic soils	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops	01	15	05	20	05	05	10	30
Nutrient Use Efficiency	-	-	-	-	-	-	-	-
Soil and Water Testing	02	30	10	40	10	10	20	60
IV Livestock Production and Management								

Dairy Management	01	24	02	26	02	02	04	30
Poultry Management	-	-	-	-	-	-	-	-
Piggery Management	-	-	-	-	-	-	-	-
Rabbit Management /goat	-	-	-	-	-	-	-	-
Disease Management	02	30	08	38	10	02	12	50
Feed Management	01	30	03	33	05	02	07	40
Production of quality animal products								
Goat Management	01	16	01	17	02	01	03	20
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	-	-	-	-	-	-	-	-
Design and development of low/minimum cost diet	-	-	-	-	-	-	-	-
Designing and development for high nutrient efficiency diet	-	-	-	-	-	-	-	-
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-
Storage loss minimization techniques	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-
Income generation activities for empowerment of rural Women	-	-	-	-	-	-	-	-
Location specific drudgery reduction technologies	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	01	20	10	30	03	02	05	35
Small scale processing and value addition	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-
Training on kharif season farm implement	01	40	12	52	02	02	04	56
Training on Rabbi season farm implement	01	20	10	30	02	02	04	34

Training on Importance of farm implement in paddy	01	20	10	30	03	02	05	35
Drudgery Reduction	01	20	10	30	03	02	05	35
VII Plant Protection								
Integrated Pest Management	03	60	30	90	18	12	30	120
Integrated Disease Management	01	20	10	30	06	04	10	40
Bio-control of pests and diseases	01	20	10	30	06	04	10	40
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-
VIII Fisheries	-	-	-	-	-	-	-	-
Integrated fish farming	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-
IX Production of Inputs at site	-	-	-	-	-	-	-	-
Seed Production	-	-	-	-	-	-	-	-
Planting material production (Horti.)	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-
Vermi-compost production (Horti.)	-	-	-	-	-	-	-	-
Organic manures production (A.S.)	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-

Production of livestock feed and fodder	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-
X Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-
Leadership development	-	-	-	-	-	-	-	-
Group dynamics	01	10	10	20	10	10	20	40
Formation and Management of SHGs(HS)	01	10	10	20	10	10	20	40
Mobilization of social capital	01	10	10	20	10	10	20	40
Entrepreneurial development of farmers/youths (Agro.)	01	10	10	20	10	10	20	40
WTO and IPR issue	-	-	-	-	-	-	-	-
XI Agro-forestry	-	-	-	-	-	-	-	-
Integrated Farming Systems (Agro)	-	-	-	-	-	-	-	-
XII Others (Pl. Specify)	-	-	-	-	-	-	-	-
Training programme on use of ICT in Agriculture	01	15	05	20	05	05	10	30
Training programme on use of different Mobile Apps in agriculture	01	15	05	20	05	05	10	30
TOTAL	34	605	236	846	177	147	324	1170

C. Consolidated table (ON and OFF Campus)

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	04	60	20	80	20	20	40	120
Resource Conservation Technologies	-							
Cropping Systems	-	-	-	-	-	-	-	-
Crop Diversification	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-
Water management	-	-	-	-	-	-	-	-
Seed production	01	15	05	20	05	05	10	30
Nursery management	03	45	15	60	15	15	30	90

Integrated Crop Management	04	60	20	80	16	14	30	110
Fodder production	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-
II Horticulture								
a) Vegetable Crops	-	-	-	-	-	-	-	-
Production of low volume and high value crops	04	80	30	110	20	15	35	145
Off-season vegetables	-	-	-	-	-	-	-	-
Nursery raising	-	-	-	-	-	-	-	-
Exotic vegetables like Broccoli	-	-	-	-	-	-	-	-
Export potential vegetables	-	-	-	-	-	-	-	-
Grading and standardization	-	-	-	-	-	-	-	-
Protective cultivation (Green Houses, Shade Net etc.)	-	-	-	-	-	-	-	-
Fertilizer Management in Okra	01	18	02	20	07	03	10	30
Pest and diseases Management in Chilli	01	20	03	23	08	04	12	35
Importance of Staking in Tomato	01	25	05	30	07	03	10	40
Fertilizer Management in Onion	01	25	05	30	07	03	10	40
b) Fruits	-	-	-	-	-	-	-	-
Training and Pruning	-	-	-	-	-	-	-	-
Layout and Management of Orchards	-	-	-	-	-	-	-	-
Cultivation of Fruit	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-
Nursery Management of Fruit Crops	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-
c) Ornamental Plants	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-

d) Plantation crops	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-
e) Tuber crops	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-
Post harvest technology and value addition	-	-	-	-	-	-	-	-
III Soil Health and Fertility Management	-	-	-	-	-	-	-	-
Soil fertility management	02	30	10	40	10	10	20	60
Soil and Water Conservation	-	-	-	-	-	-	-	-
Integrated Nutrient Management	02	30	10	40	10	10	20	60
Production and use of organic inputs	01	15	05	20	05	05	10	30
Management of Problematic soils	01	15	05	20	05	05	10	30
Micro nutrient deficiency in crops	02	30	10	40	10	10	20	60
Nutrient Use Efficiency	-	-	-	-	-	-	-	-
Soil and Water Testing	03	45	15	60	15	15	30	90
IV Livestock Production and Management	-	-	-	-	-	-	-	-
Dairy Management	02	42	4	46	4	4	8	54
Poultry Management	01	22	2	24	4	2	6	30
Piggery Management	-	-	-	-	-	-	-	-
Rabbit Management/goat	-	-	-	-	-	-	-	-
Disease Management	02	30	08	38	10	02	12	50
Feed management	01	30	03	33	05	02	07	40
Production of quality animal products	-	-	-	-	-	-	-	-
Goat Management	01	16	01	17	02	01	03	20

V Home Science/Women empowerment	-	-	-	-	-	-	-	-
Household food security by kitchen gardening and nutrition gardening	-	-	-	-	-	-	-	-
Design and development of low/minimum cost diet	-	-	-	-	-	-	-	-
Designing and development for high nutrient efficiency diet	-	-	-	-	-	-	-	-
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-
Storage loss minimization techniques	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-
Income generation activities for empowerment of rural Women	-	-	-	-	-	-	-	-
Location specific drudgery reduction technologies	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-
VI Agril. Engineering	-	-	-	-	-	-	-	-
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	01	20	10	30	03	02	05	35
Small scale processing and value addition	-	-	-	-	-	-	-	-
Post Harvest Technology	01	20	10	30	03	02	05	35
Training on kharif season farm implement	03	80	24	104	04	04	08	112
Training on Rabbi season farm implement	03	60	22	82	04	04	08	90
Training on Importance of farm implement in paddy	02	40	20	60	06	04	10	70
Drudgery Reduction	02	40	20	60	06	04	10	70
VII Plant Protection	-	-	-	-	-	-	-	-
Integrated Pest Management	08	160	80	240	48	32	80	320
Integrated Disease Management	04	80	40	120	24	16	40	160
Bio-control of pests and diseases	02	40	20	60	12	08	20	80
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-
VIII Fisheries	-	-	-	-	-	-	-	-

Integrated fish farming	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-
IX Production of Inputs at site	-	-	-	-	-	-	-	-
Seed Production	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-
X Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-
Leadership development	01	15	05	20	05	05	10	30
Group dynamics	02	25	15	40	15	15	30	70
Formation and Management of SHGs(HS)	02	25	15	40	15	15	30	70
Mobilization of social capital	02	25	15	40	15	15	30	70
Entrepreneurial development of farmers/youths (Agro.)	02	25	15	40	15	15	30	70

WTO and IPR issues	-	-	-	-	-	-	-	-
XI Agro-forestry	-	-	-	-	-	-	-	-
Production technologies	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-
Sponsored training	-	-	-	-	-	-	-	-
TOTAL								
(B) RURAL YOUTH	-	-	-	-	-	-	-	-
Mushroom Production	-	-	-	-	-	-	-	-
Bee-keeping	01	20	10	30	10	05	15	45
Integrated farming	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-
Sericulture	01	20	10	30	10	05	15	45
Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-
Commercial fruit production	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-
Propagation Techniques in Fruit Crop	01	15	05	20	03	02	05	25
Nursery Management of Horticulture crops	02	30	10	40	06	04	10	50
Training and pruning of orchards	-	-	-	-	-	-	-	-
Value addition	01	03	17	20	02	08	10	30
Production of quality animal products	-	-	-	-	-	-	-	-
Dairying	01	18	06	24	04	02	06	30
Sheep and goat rearing	-	-	-	-	-	-	-	-
Quail farming	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-
Poultry production	01	14	04	18	04	03	07	25

Ornamental fisheries	-	-	-	-	-	-	-	-
Para vets	-	-	-	-	-	-	-	-
Para extension workers	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-
Fish harvest and processing technology	-	-	-	-	-	-	-	-
Fry and fingerling rearing	-	-	-	-	-	-	-	-
Small scale processing	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-
Tailoring and Stitching	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-
Awareness programme on e-waste and Its Management	2	30	10	40	10	10	20	60
TOTAL	-	-	-	-	-	-	-	-
(C) Extension Personnel	-	-	-	-	-	-	-	-
Productivity enhancement in field crops	-	-	-	-	-	-	-	-
Integrated Pest Management	01	20	10	30	10	05	15	45
Integrated Nutrient management	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-
Protected cultivation technology	01	18	02	20	03	02	05	25
Formation and Management of SHGs								
Group Dynamics and farmers organization	01	15	05	20	05	05	10	30
Information networking among farmers	-	-	-	-	-	-	-	-
Capacity building for ICT application	-	-	-	-	-	-	-	-
Care and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-
Management in farm animals	-	-	-	-	-	-	-	-
Livestock feed and fodder production	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	-	-

Women and Child care	-	-	-	-	-	-	-	-
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-
Any other (Pl. Specify)	-	-	-	-	-	-	-	-
Training programme on use of ICT in Agriculture	2	30	10	40	10	10	20	60
Training programme on use of different Mobile Apps in agriculture	2	30	10	40	10	10	20	60
Total	-	-	-	-	-	-	-	-
G. TOTAL	90	1571	598	2169	447	360	807	2976

Details of training programmes attached in **Annexure -I**
3.5. Extension Activities (including activities of FLD programmes)

Sl. No.	Nature of Extension Activity	Date(s)	Title of the programme	Name of the village	Expected number of participants			Anticipated Expenditure (Rs.)	Proposed Expert / Guest
					Male	Female	Total		
1	Field Day	October 2023	Field day in Paddy	Makkhitola	25	15	40	4000	Sarpanch, KVK Scientist, Agriculture officers
		December 2023	Field day in Pigeonpea	Shiregaontola	25	15	40	4000	Sarpanch, KVK Scientist, Agriculture officers
		March 2023	Field day in Chickpea	Parastola,	25	15	40	4000	Sarpanch ,KVK Scientist, Agriculture officers
2	Kisan Mela	June 2023	Pre Mansoon Krishi Melava	Sakoli	100	100	200	30000	MP,MLA,KVK Scientist ,DSAO, and allied Department Experts
		July 2023	Dr. PDKV Seed day Krushi melawa	Sakoli	50	50	100	20000	MP,MLA,KVK Scientist ,DSAO, and allied Department Experts
		October 2023	Pre Rabi Krishi Melava	Parastola,	100	100	200	30000	MP,MLA,KVK Scientist ,DSAO, and allied Department Experts
		November 2023	Mahila Shetkari Diwas va Rabi Hangampurva Shetkari	Sonpuri	50	50	100	20000	MP,MLA,KVK Scientist ,DSAO, and allied

			Melava						Department Experts
		November 2023	Dhan Mahotsva, Dr. PDKV, Seed Day Progamme, Shivar Feri va Krishi Pradarshani	Sakoli	50	50	100	20000	MP, MLA, KVK Scientist, DSAO, and allied Department Experts
3	Kisan Ghosthi	January to December 2023	IPDM, INM, Crop Management, Improved Farm Machinery, Different horticulture crop	Pindkepar, Ekodi	100	100	200	30000	Sarpanch, KVK Scientist, Agriculture officers
4	Exhibition	November 2023	Farmers Melawa	Makkhitola	200	200	400	-	MP, MLA, KVK Scientist, DSAO, and allied Department
		June 2023	Dr. PDKV Seed day Krushi Melawa	Sakoli	100	100	200	30000	MP, MLA, KVK Scientist, DSAO, and allied Department
		June 2023	Pre Mansoon Krishi Melava and Agriculture Exhibition	Parastola, Bodara, Ekodi	100	100	200	30000	MP, MLA, KVK Scientist, DSAO, and allied Department
		October 2023	Pre Rabi Krishi Melava and Agriculture Exhibition	Parastola,	100	100	200	30000	MP, MLA, KVK Scientist, DSAO, and allied Department
		November 2023	Dhan Mahotsva, Dr. PDKV Biyane Diwas, Shivar Feri va krushi Pradarshani	Sakoli	100	100	200	30000	MP, MLA, KVK Scientist, DSAO, and allied Department
		December 2023	Celebration of world Soil Day and Agricultural Exhibition	Bodara	100	100	200	30000	MP, MLA, KVK Scientist, DSAO, and allied Department
		January 2024	Agriculture Exhibition	Shiregaontola	100	100	200	30000	MP, MLA, KVK Scientist, DSAO, and allied Department
5	Film Show	January to December 2023	Live Web /Telecast of Different Importance activities and Programme	Sakoli	150	150	300	45000	MP, MLA, KVK Scientist, DSAO, and allied Department Experts
6l	Farmers Seminar	January to December 2023	IPDM, INM, Crop Management, Improved Farm Machinery, Different horticulture crop	Parastola, Pindkepar Bodara, Borgaon, Ekodi, Sonpuri	50	50	100	20000	Sarpanch, KVK Scientist, Agriculture officers

				Shiregaontola Makkhitola					
7	Workshop	January to December 2023	CROPSAP Workshop,	Bhandara	100	100	200	30000	KVK Scientist
8	Group meetings	January to December 2023	Innovative Approaches	Sakoli	100	100	200	30000	
9	Lectures delivered as resource persons	January to December 2023	IPDM in Paddy, Pigeonpea, and Safe use of pesticides, Training on SRI Method, Application of Trichocards for stem borer Management in Paddy, Plant hoppers management in paddy and safe use of Pesticides, IPDM In Wheat and Chickpea	Parastola, Pindkepar Bodara, Borgaon, Ekodi, Sonpuri Shiregaontola, Makkhitola	150	150	300	-	All KVK Scientist
10	Newspaper coverage	January to December 2023	Each Programme	-	100	100	200	--	--
11	Radio talks	January to December 2023	1. Integrated Crop Management in paddy 2. Integrated Crop Management in Sugarcane	-	-	-	-	-	Dr. Usha R. Dongarwar, Senior Scientist and Head
			1. Kisan Credit Card 2. Use Of ICT In Agriculture	-	-	-	-	-	Shri. P.P. Parwate SMS (Extension Education)
			1. Backyard Poultry Management 2. Household Feed Production Technology	-	-	-	-	-	Dr. P.B. Khirari SMS (ASDS)
			1. Water shed Management 2. Use of Rice Grain Planter in dry land area	-	-	-	-	-	Shri. Y.R. Mahalle SMS (Agril. Engineering)
			1. Integrated Pest Management in Paddy 2. Safe Use of Pesticides						Dr. P.S. Umbarkar
			1. Different Mobile Apps available in Agriculture 2. Important websites available	-	-	-	-	-	Shri. K.S. Gaikwad (Programme Assistant Computer)

			in Agriculture						
12	TV talks	January to December 2023	1. Integrated Nutrient management in Paddy 2. Crop Diversification						Dr. Usha R. Dongarwar, Senior Scientist and Head
			1. Success Stories of farm Women 2. Crop Insurance Scheme	-	-	-	-	-	Shri. P.P. Parwate SMS (Extension Education)
			1. Use of sub Soiler in hard pan land 2. Use of BBF Planter in Rabi crops	-	-	-	-	-	Shri. Y.R. Mahalle SMS (Agril Engineering)
			1. Care and management of new born calf 2. Management of pregnant cow	-	-	-	-	-	Dr. P.B. Khirari SMS(ASDS)
			1. Use of Biofertilizer 2. Apiculture	-	-	-	-	-	Dr. P.S. Umbarkar SMS (Entomology)
			IPDM, INM, Crop Management, Improved Farm Machinery, Different horticulture crop	-	-	-	-		All KVK Scientist
			Weather ,Awareness, Entomology, ASDS, Horticulture, Extension Advisory Services	-	-	-	-		All KVK Scientist
			Field Visit, Diagnostic visit , Field day, Training ,Method Demonstration	-	-	-	-	-	All KVK Scientist
13	Melawa	January to December 2023	Melava, Demonstration Unit Visit, Diagnostic Query,KVK Information	Shiregaontola, Makkhitola, Parastola, Pindkepar Bodara, Borgaon, Ekodi, Sonpuri	100	100	200	30000	All KVK Scientist
14	Popular articles	January to December 2023	Cereal Crop ,Pulses Crop, Oil Seed crop, Horticulture Crop, Fodder Crop	Sakoli	1000	1000	2000	--	--

15	Extension Literature	January to December 2023	DAESI student, Farmers Exposure visits	Shiregaontola, Makkhitola Bodara, Borgaon,	50	50	100	-	All KVK Scientist
16l	Advisory Services	January to December 2023	--	Shiregaontola, Makkhitola Parastola, Pindkepar Bodara, Borgaon, Ekodi, Sonpuri	15	15	30	4500	KVK Scientist
17	Scientific visit to farmers field			--	---	--	--	---	--
18	Farmers visit to KVK	January to December 2023	Soil fertility management, Integrated Nutrient Management, Soil and Water Testing, Management of Problematic soils	Shiregaontola, Makkhitola Parastola, Pindkepar Bodara, Borgaon, Ekodi, Sonpuri	200	200	400	60000	All KVK Scientist
19	Diagnostic visits	January to December 2023	Pest and Disease Management in field crops	Shiregaontola, Makkhitola Parastola, Pindkepar Bodara, Borgaon, Ekodi, Sonpuri	50	50	100	15000	Dr. P.S. Umbarkar
20	Exposure visits	January to December 2023	-	-	-	-	-	-	-
21	Ex-trainees Sammelan	January to December 2023	Soil and Water Testing, Management of Problematic soils	Shiregaontola, Makkhitola Parastola, Pindkepar Bodara,	200	200	400	60000	All KVK Scientist

22	Soil health Camp	January to December 2023	-	-	-	-	-	-	-
23	Agri mobile clinic	-	Formation and Management of SHGs	Shiregaontola, Makkhitola, Parastola, Pindkepar, Bodara, Borgaon, Ekodi, Sonpuri	-	--	100	15000	Shri. P.P. Parwate SMS (Extension Education)
24	Soil test campaigns	January to December 2023	Celebration of Krishi Din, World Soil Day Celebration, International Women day Celebration	Parastola, Pindkepar, Bodara, Borgaon, Ekodi, Sonpuri	400	200	600	90000	MP, MLA, KVK Scientist, DSAO, and allied Department
25	Farm Science Club Conveners meet	January to December 2023	Krishi Melava	Parastola, Pindkepar, Bodara, Borgaon, Ekodi, Sonpuri	400	200	600	90000	MP, MLA, KVK Scientist, DSAO, and allied Department
26	Self Help Group Conveners meetings	January to December 2023	--	--	--	--	--	--	--
27	Mahila Mandals Conveners meetings	January to December 2023	Pre Mansoon Krishi Melava	Sakoli	50	50	100	15000	MP, MLA, KVK Scientist, DSAO, and allied Department
28	Celebration of important days (specify)	January to December 2023	Pre Rabi Krishi Melava	Sakoli	50	50	100	15000	MP, MLA, KVK Scientist, DSAO, and allied Department
29	Krishi Mohostva	June , October 2023	--	--	--	--	--	--	--
30	Krishi Rath	--	--	--	--	--	--	--	--

31	Pre Kharif workshop	June 2023	--	--	--	--	--	--	--
32	Pre Rabi workshop	October 2023	--	--	--	--	--	--	--
33	PPVFRA workshop	--	--	--	--	--	--	--	--
	Total				6565	5605	12170	968500	

3.5. B Action Plan for Other Extension Activities.

Sl. No.	Particulars	Topic	Discipline	Name of the Scientist	Number
	Radio Talk	1.Integated Crop Management in paddy 2. Integrated Crop Management in Sugarcane	Agronomy	Dr. Usha R. Dongarwar, Senior Scientist and Head	02
		1.Kisan Credit Card	SMS (Agriculture Extension)	Shri. P.P. Parwate	01
		1.Integated Pest Management in Paddy 2.Integated Pest Management in Chickpea	SMS (Entomology)	Dr. P.S. Umbarkar	02
		1.Household feed production technology 2.Backyard Poultry Management	SMS (ASDS)	Dr. P.B.Khirari	02
		1.Water shed Management 2.Use of Rice Grain Planter in dry land area	SMS (Agril. Engineering)	Shri. Y.R.Mahalle	02
		1.Diffrent Mobile Apps available in Agriculture 2.Importance website available in Agriculture 3.Online Marking in Agriculture	Programme Assistant Computer	Shri. K.S. Gaikwad	03
	T. V. Shows	1.Integated Crop Management in paddy 2. Integrated Crop Management in Sugarcane	Agronomy	Dr. Usha R. Dongarwar, Senior Scientist and Head	02
		1.Sucess Stories of farm Women 2.Mushroom Cultivation Technology 3.Crop Insurance Scheme	SMS (Agriculture Extension)	Shri. P.P. Parwate	03

		1.Integrated Pest Management in Paddy 2.Integrated Pest Management in Chickpea	SMS (Entomology)	Dr. P.S. Umbarkar	02
		1.Use of sub soiler in hard pan land 2.Use of BBF Planter in Rabi crops	SMS (Agril. Engineering)	Shri. Y.R.Mahalle	02
		1.Care and Management of new born calf 2. Management of pregnant cow	SMS(ASDS)	Dr. P.B.Khirari	02
	News Articles	1. Integrated Pest Management in Paddy 2. Integrated Disease Management in Paddy 3. Integrated Pest Management in Chickpea 4. Integrated Pest Management in Pigeonpea 5. Integrated Pest and Disease Management in Vegetable 6. Farmers should cultivate Akola Safed variety of Onion for better yields. 7. Okra cultivation may improve farmers Economy 8. Farmer should cultivate Pant Haritama variety of Coriander for higher yields 9. Farmers should cultivate Arka Rakshak variety of Tomato for better yields. 10. Youth must move towards Nursery Business. 11. Management practices in Chilli 12. Employment generation Through Fruit and Vegetable preservation. 13. Drumstick: A vegetable crop rich in Nutritive values. 14. Farmers should cultivate AKLB-9 variety of Brinjal.	--	--	14
	Extension literature	1.SHGs 2.Honey Bees 3. Pigeonpea Production Technology 4. Safflower Production Technology 5. Natural Farming	All SMS	All KVK SMS	05
	Impact Study	1. Impact of Front Line Demonstration (FLDs), demonstrated by KVK, Sakoli 2.Training need of farmers: an analysis of Bhandara district, Maharashtra	SMS (Agriculture Extension)	Shri. P.P. Parwate	03

		3. Impact of major training programmes organized by KVK, Sakoli			
	Documentation	1.Success stories of farmers 2.Database of farmers	SMS (Agriculture Extension)	Shri. P.P. Parwate	02
	Use of ICT Applications	1.Use of ICT In Agriculture 2.Use of different Mobile Apps available in Agriculture 3. Awareness about e- waste and its management	Programme Assistant Computer	Shri. K.S. Gaikwad	03
	Research paper each scientist	1. Impact of Front Line Demonstration (FLDs), demonstrated by KVK, Sakoli 2.Training need of farmers: an analysis of Bhandara district, Maharashtra 3. Impact of major training programmes organized by KVK, Sakoli	SMS (Agriculture Extension)	Shri. P.P. Parwate	03
	Technical reports	--	--	--	--
	News letters	KVK Activities	SMS (Agriculture Extension)	Shri. P.P. Parwate	04
	Training manual all discipline	--	--	--	--
	Popular article	1.Use of Biofertilizer 2.Neem Coated Urea 3.Use of ICT in Agriculture	SMS (Agriculture Extension)	Shri. P.P. Parwate	03
		Total			60

3.6. Target for Production and supply of Technological products

SEED MATERIALS

Sl. No.	Crop	Area (ha)	Variety	Date of Sowing	Date of harvest	Expected Yield (qtl.)
CEREALS	Rice	7.00	PDKV -TILAK ,SKL-9,PKV-KISAN, SYE-2001,SKL RR-1, Skoli-8	20.07.2023	15.12.2023	200

	Wheat	0.40 ha	PDKV Sardar	22.10.2023	15.02.2023	5
OILSEEDS	Linseed	0.10 ha	NL-260	14.11.2023	27.02.2023	2
	Safflower	0.40 ha	AKS 207	02.11.2023	27.02.2023	4
	Sesamum	0.40 ha	Local	05.02.2023	05.05.2023	2
PULSES	Chickpea	0.40 ha	PDKV Kanchan	10.11.2023	25.02.2023	4
	Sunhemp	1.30 ha	Local	16.11.2023	22.03.2023	6
	Greengram	0.30 ha	Phule Vaisakhi	04.02.2023	15.05.2023	4
OTHERS (Specify)	Turmeric	0.20 ha	PDKV Waigaon	17.06.2023	27.01.2024	70
	Cafeteria	0.20 ha	-	-	-	-
	Nutri Garden	0.10 ha	-	-	-	-
	Milletes	0.20 ha	-	-	-	-

PLANTING MATERIALS

SI. No.	Crop	Variety	Quantity (Nos.)
FRUITS	Guava	Sardar (L-49)	200
	Custard apple	Balanagar	200
	-	-	-
	-	-	-
SPICES	-	-	-
	-	-	-
VEGETABLES	Drumstick	Bhagya	500
	-	-	-
	-	-	-
	-	-	-
FOREST SPECIES	Glyricidia	-	5000
ORNAMENTAL CROPS	Aloe vera	Local	50

Bio-products

Sl. No.	Product Name	Species	Quantity	
			No	(kg)
BIO PESTICIDES	-	-	-	-
1	-	-	-	-
2	-	-	-	-

LIVESTOCK

Sl. No.	Type	Breed	Quantity	
			(Nos)	Unit
Cattle	-	-	-	-
	-	-	-	-
GOAT	Goat	Berari (2M+20F)	22	450 Kg
SHEEP	-	-		
POULTRY	Poultry	Kaveri (1M+1F)	02	3 Kg
Pig farming	-	-	-	-
FISHERIES	-	-	-	-
	-	-	-	-

4. Literature to be Developed/Published

A. KVK News Letter

Date of start : 01/07/2023

Number of copies to be published : 100

C. Details of Electronic Media to be produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette) and video clippings	Title of the programme	Number
1	CD	IPM Technology in paddy crop	01
2	CD	Success story of farmers	02

D.Success stories/Case studies identified for development as a case. - **Yes, Given in March 2023**

- a. Brief introduction
- b. Interventions
- c. Output
- d. Outcomes
- e. Impact
 - i) Social economic
 - ii) Bio-Physical
- f. Good Action Photographs

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

A. Practicing Farmers B. Rural Youth C. In-service personnel

The interview schedule was constructed in accordance with the study objectives and it was used for data collection. The respondents were contacted either at farm or home and the information in the interview schedule was collected. The information obtained from PF/Ry/EF was taken for analysis. The information analysis with suitable statistical tools.

The PF/Ry/EF responses were collected in a 3 point continuum scale as Very important (VI), Important (I) and Not Important (NI) by assigning scores 3, 2 and 1 respectively. The results were calculated as weighted score for each of the thrust area identified for the training.

$$\text{Weighted score (WS)} = \frac{(\text{No. of VI} \times 3) + (\text{No. of I} \times 2) + (\text{No. of NI} \times 1)}{\text{Total no. of VI+I+NI}}$$

5.2. Indicate the methodology for identifying OFTs/FLDs

For OFT:

- i) PRA
- ii) Problem identified from Matrix
- iii) Field level observations
- iv) Farmer group discussions

For FLD:

- i) New variety/technology
- ii) Poor yield at farmers level

Research project :-01

1	Title	:	Impact of PDKV Kanchan Front Line Demonstration (FLD) on beneficiaries farmers
2	Objectives	:	1.To study the profile of the selected respondents 2.To study impact of the FLDs demonstrated by KVK, Sakoli on its beneficiaries 3. To Study the Constraints faced by farmers in adoption of Demonstrated technology.
3	Location of study	:	Bhandara District
4	Research design	:	Exploratory research design
5	Selection of Respondents	:	50 FLD beneficiary farmers & 50 Non Beneficiary farmers will be selected for the impact assessment.
6	Variables and their measurements:		
6.1	Independent Variables		
6.1.1	Profile of beneficiaries	:	Measurement
	Age		Chronological age in years of beneficiary
	Education		No. of standards of formal schooling passed
	Experience of farming		No. of years for intervened crop cultivation
	Land holding		Actual total Land put under the enterprise by the beneficiary
	Annual Income		Total income generated in the study year
	Scientific orientation		Scale developed by Supe, 1969 will be use for the study
	Economic motivation		Scale developed by Supe, 1969 will be use for the study
	Risk preference		Scale developed by Supe, 1969 will be use for the study
6.1.2	Intervening Variable		
	Knowledge		Knowledge is defined as a body of understood information possessed by an individual about recommended technologies. It will be measured with the help of following formula. $\text{Knowledge Index} = \frac{\text{Actual obtained score}}{\text{Maximum obtainable score}} \times 100$
	Adoption		Adoption is operationally defined as the degree of actual use of recommended technologies. It will be measured with the help of following formula. $\text{Adoption Index} = \frac{\text{Actual obtained score}}{\text{Maximum obtainable score}} \times 100$

	Dependent variables		
	Impact		<p>In operational term, it is defined as the effect of recommended technologies on the Beneficiaries. The effect was ascertained in terms of change in knowledge, adoption, yield and annual income of Beneficiaries.</p> <p>Impact = Percent change in knowledge + per cent change in adoption + per cent change yield + per cent change annual income</p>
	1.Change in Knowledge		<p>Percent change in knowledge will be measured on the basis of difference between the mean knowledge score of beneficiary farmers and non beneficiary farmers.</p> <p>Mean knowledge score of beneficiary farmers - Mean knowledge score of non-beneficiary farmers</p> <p>Change in Knowledge = $\frac{\text{Mean knowledge score of beneficiary farmers} - \text{Mean knowledge score of non-beneficiary farmers}}{\text{Mean knowledge score of non-beneficiary farmers}} \times 100$</p>
	2.Change in Adoption		<p>Percent change in adoption will be measured on the basis of difference between the mean adoption of beneficiary farmers and non beneficiary farmers.</p> <p>Mean adoption score of beneficiary farmers - Mean adoption score of non-beneficiary farmers</p> <p>Change in adoption = $\frac{\text{Mean adoption score of beneficiary farmers} - \text{Mean adoption score of non-beneficiary farmers}}{\text{Mean adoption score of non-beneficiary farmers}} \times 100$</p>
	3.Change in Yield		<p>Percent change in yield will be measured on the basis of difference between the mean yield of beneficiary farmers and non beneficiary farmers.</p> <p>Mean yield score of beneficiary farmers - Mean yield score of non-beneficiary farmers</p> <p>Change in Yield = $\frac{\text{Mean yield score of beneficiary farmers} - \text{Mean yield score of non-beneficiary farmers}}{\text{Mean yield score of non-beneficiary farmers}} \times 100$</p>
	4.Change in Income		<p>Percent change in income will be measured on the basis of difference between the mean income of beneficiary farmers and non beneficiary farmers.</p>

			$\frac{\text{Mean income score of beneficiary farmers} - \text{Mean income score of non-beneficiary farmers}}{\text{Mean income score of non-beneficiary farmers}} \times 100$
7	Collection and analysis of data		
	Collection and analysis of data	:	The interview schedule was constructed in accordance with the study objectives and it was used for data collection. The respondents were contacted either at farm or home and the information in the interview schedule was collected. The information analysis with suitable statistical tools and report writing

Research project :- 2

1	Title	:	Impact of major training programmes organized by KVK, Sakoli (Various training programmes will be organised by KVK, Sakoli throughout the year (2023).
2	Objectives	:	1.To study the profile of the selected trainees 2.To study training effectiveness 3. To Study the impact of training
3	Location of study	:	KVK, Sakoli
4	Research design	:	Experimental research design
5	Selection of Respondents	:	Major training programme will be selected for the study (2023).
6	Variables and their measurements:		
6.1	Profile of beneficiaries	:	Measurement
	Age		Chronological age in years
	Education		No. of standards of formal schooling passed
	Experience of farming		No. of years for intervened crop cultivation
	Land holding		Total land possessed by the trainees (ha.)
	Annual Income		Total income generated in the study year
	Innovativeness		Scale developed by Singh, 1972 will be use for the study
	Economic motivation		Scale developed by Supe, 1969 will be use for the study
	Scientific orientation		Scale developed by Supe, 1969 will be use for the study
6.2	Training effectiveness indicators:		
	Topics covered		The responses for each item will be sought on three point continuum as applicable and the scoring will be done accordingly.
	Utility of topics		
	Relevance of lectures		

	Fulfillment of expectation		Actual obtained score of all indicator of training effectiveness T.E.Index = ----- x 100 Maximum obtainable score of all indicator of training effectiveness
	Practical Orientation		
	Relevance of study material		
	Quality of training		
	Training satisfaction indicators:		
	Technical competence		The responses for each item will be sought on three point continuum as fully satisfied, partially satisfied and not satisfied by assigning the score of 2, 1 and 0 respectively.
	Facilities provided		
	Communication Mode		
	Impact		Test will be developed in line to the objectives and content of the trainings. Same test will be administered before and after the training. Responses will be sought on continuum applicable and Scoring will be done accordingly.
	1.Change in Knowledge		
7	Collection and analysis of data		
	:	The data will be calculated before and after the training. The data analysis with suitable statistical tools and report writing	

Sr	Problems	Opportunities	Issues	Needs
1	Monocropping	Introduction of New crop, diversified cropping system	Low yield, low productivity, Unawareness about cropping system	Training Demonstration Exposure visit
2	Lack of Knowledge about scientific technology about crop production	Upliftment of scientific Technology	Use of local varieties, traditional farming system, no proper tillage operation	Training Demonstration Popular articles
3	Lack of knowledge about IPM	Introduction IPM package	Low yield, more expenditure on plant protection measures, minimum pest control	Training Demonstration Meeting
4	Less use of biofertilizers	Introduction of	Occurrence of pest and	Demonstration

		bio fertilizers in Crops for treatment.	disease, low yield, poor quality	Training Meeting
5	Lack of Knowledge & availability about farm machinery/ Implement	Enhancing work efficiency and saving cost.	Traditional tools/ implements and techniques use for farming	Demonstration Exposure visit Training Linkages
6	Minimum use of quality fodder for milch animal	Introduction of improved variety of fodder crop	Traditional feeding approach, open grazing, low milk yield, low fat percentage	Demonstration Training
7	Unemployment (Seasonal) Unutilized lean period	Seasonal employment for post-harvest processing and value addition processing	Resource management Secondary agriculture Custom Hiring	Vocational trainings, Linkages with market channel
08	Weak linkages of farmers with different Organization	Enhancing linkages introducing cluster farming approach	Lack of scientific information sources, less initiative	Training Exposure visit Promotion of SHG
09	Lack of scientific knowledge and skill about value addition	Scope for developing skill among farmers, SHG's	No risk bearing ability, poor economic status	Training Demonstration Exposure visit
10	Low SWC and degraded soil health	RWH, In-situ moisture conservation	Water harvesting, INM, Increment in soil Health	Trainings, Soil Testing
11	Less participation of farm woman in decision Making	Increasing participation of farm woman in decision making	Less education, Male dominant society	Formation of SHG

Major problems identified:

1. Lack of irrigation water
2. Low productivity
3. Losses due to wild animals
4. No proper crop rotation/ mono cropping system
5. Use of local crops varieties.
6. Improper use of insecticide, pesticide

7. Lack of knowledge about INM and IPM
8. Labour problem at the time of transplanting
9. Unawareness and less use of bio fertilizers.
10. Lack of seed treatment.
11. Imbalance use of fertilizer and unawareness about soil testing
12. Lack of Knowledge & use about improved farm Implement
13. Lack of Knowledge about scientific technologies
14. Unavailability of green fodder in summer and Lack of knowledge about improved varieties of green fodder
15. Low milk yield.
16. Unawareness about mineral mixture for milking animal.
17. Lack of scientific knowledge and skill about value addition.
18. Lack of knowledge about green house, polyhouse, use of mulching.
19. Traditional farming approach.
20. Poor extension contact

6. LINKAGES

6.1. Functional linkage with different organizations

Sr. No.	Name of organization	Nature of linkage
1	District Collector, Bhandara	Joint implementation of programme
2	ATMA, Bhandara	Joint implementation of trainings
3	CIMAP, Lakhnow	Workshop and Training
4	District Superintendent of Agriculture/Sub-Divisional Agriculture Officer	Joint implementation ,Joint diagnostic survey, Training
5	AIR, Nagpur	Participation in extension activities like radio talk.
6	Doordarshan, Nagpur	Farmers Success stories
7	NNTR, Sakoli	Farmers melawa, Exhibition
8	Panchayat Samiti Sakoli	Participation in extension
9	Dept. of Fisheries, Bhandara	Conducting training Programmes
10	NABARD, Bhandara	Farmers Club
11	Animal Husbandry & Veterinary Science	Animal health camp
12	RCF, Nagpur	Conducting training Programmes
13	Reliance foundation Bhandara	Dissemination of information

6.2. Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

S. No.	Programme	Nature of linkage
1	DAESI Programme	Nodal training institute
2	Different Trainings	Implementation jointly
3	Demonstrations	Jointly organized
4	Farmer scientist Interaction	Jointly organized
5	STRY	Jointly organized
6	Krishi Melava	Jointly organized

6.3. Give details of programmes under National Horticultural Mission

S. No.	Programme	Nature of linkage
1	Nil	Nil

6.4. Nature of linkage with National Fisheries Development Board

S. No.	Programme	Nature of linkage
1	Nil	Nil

6.5. Additional Activities Planned including sponsored projects (ProCRA / Pro SOIL/NARI/DAESI/DAMU/DFI, etc.) / schemes during 2020, if involved.

S.No.	Name of the agency / scheme	Name of activity	Technical programme with quantification	Financial outlay (Rs.)	Names of the team members involved
1	DAESI	Teaching	48 Weeks Diploma Course For Input Dealers	7,40,000/-	Dr. Usha R. Dongarwar, Shri. P.P.Parwate, Shri. Y.R.Mahalle, Dr.P.S.Umbarkar
2	DAMU	Extension	Advisory Services Weekly regarding Weather information and Crop Management	27,23,000/-	Dr. Usha R. Dongarwar, Mr.Layant Anitya, Dr. P. S. Umbarkar, Shri. P.P.Parwate, Shri. Y.R.Mahalle, Dr.P.B.Khirari,

6.5.1. Details of activities planned in DFI villages

Name of DFI village selected	Total No. of families in the village	Interventions planned during 2023	No. of families to be covered under the intervention	Present annual income of the family (Rs /annum)	Expected annual income of the family after intervention (Rs/ annum)
1.Shiregaontola Tah. Sakoli, District Bhandara	160	1)Paddy+ Sugarcane 2) DSR Method in Paddy 3)Paddy +Chickpea/ Lathyrus /Linseed + Oilseed 4) Vegetables + Poultry 5)Vegetables + Goat + Fodder Crop+ Dairy	50	37500/-	46500/-

6.5.2. Details of activities planned under NARI (Including FSN project)

S. No.	Name of the village	Activities planned	No. of families to be covered
	Nil	Nil	Nil

6.5.3. Details of activities planned under Paramaparagat Krishi Vikas Yojana (PKVY)

S. No.	Name of the village	Activities planned	No. of families to be covered
1	Nil	Nil	Nil

6.5.4. Details of skill trainings planned (sponsored by ASCI)

S. No.	Name of Job Role	Duration (No. of hours)	No. of participants
1	Nil	Nil	Nil

6.6. Activities planned in respect of FPOs / FPCs

1. No. of FPOs / FPCs to be formed:

2. No. of existing FPOs / FPCs to be facilitated:

3. Type of support to be provided to existing FPOs / FPCs:

S. No	Name of the FPO / FPC	No. of members	Major activities of FPO / FPC	Type of support to be provided by KVK
	Sakoli Krushi Utpadak Kampani	450	Seed Production	Technical guidance and training programme

7.0 Convergence with other agencies and departments:

S. No.	Name of the department / Agency	Type of convergence	Area (ha) / No. of farmers to be benefited
1	Department of Agriculture	Marketing	50 ha (100 farmers)

8. Innovator Farmer's Meet 2023

Sl.No.	Particulars	Details
1	Are you planning for conducting Farm Innovators meet in your district?	Yes
2	If Yes likely month of the meet	October
3	Brief action plan in this regard	Meet will be Organized at KVK

9. Utilization of hostel facilities

S. No.	Programme	No. of days
1	Nil	Nil
2	Nil	Nil
3	Nil	Nil
4	Nil	Nil
	Total	Nil

10. Details of online activities planned (If any)

S. No.	Type of activities	No. of Programmes	Mode of implementation (Video conferencing / Audio Conferencing / Facebook Live / YouTube Live, etc)	No. of participants to be covered
1	Farmers trainings	10	Audio Conferencing / Facebook Live / YouTube Live,	1000
2	Farmers scientist's interaction programme	04	Audio Conferencing / Facebook Live / YouTube Live,	200
3	Farmers seminars	02	Audio Conferencing / Facebook Live / YouTube Live,	200
4	Expert lectures	02	Audio Conferencing / Facebook Live / YouTube Live,	200
5	Any other (Pl. specify)	Nil	Nil	Nil

11. Details of collaborative applied research projects planned if any

S. No.	Name of the research project	Funding agency	Collaborating organizations	Year of commencement	Major activities planned
Nil	Nil	Nil	Nil	Nil	Nil

Training Programme
i) Farmers & Farm women (On Campus)

Date	Clientele	Title of the training programme	Duration in days	Number of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
Crop Production										
July 2023	PF/FW	Weed Management in Paddy	01	15	05	20	05	05	10	30
July 2023	PF/FW	Weed Management in Paddy	01	15	05	20	05	05	10	30
July 2023	PF/FW	Weed Management in Paddy	01	15	05	20	05	05	10	30
May 2023	PF/FW	Seed Production Technology	01	15	05	20	05	05	10	30
May 2023	PF/FW	Nursery Management of Paddy	01	15	05	20	05	05	10	30
July 2023	PF/FW	Nursery Management of Paddy	01	15	05	20	05	05	10	30
July 2023	PF/FW	Integrated Crop Management -	01	15	05	20	05	05	10	30
July 2023	PF/FW	Integrated Crop Management	01	15	05	20	05	05	10	30
Horticulture	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
Livestock prod.										
May 2023	PF/FW	Commercial dairy farming	01	18	2	20	2	2	4	24
June 2023	PF/FW	Poultry farming	01	22	2	24	4	2	6	30
Agril. Engg.										
June 2023	PF	Post Harvest Technology	01	20	10	30	03	02	05	35
June 2023	PF	Training on kharif season farm implement	01	20	06	26	01	01	02	28
July 2023	PF	Training on kharif season farm implement	01	20	06	26	01	01	02	28
October 2023	PF	Training on Rabbi season farm implement	01	20	06	26	01	01	02	28
February- 2023	PF	Training on Rabbi season farm implement	01	20	06	26	01	01	02	28
August-2023	PF	Training on Importance of farm implement in paddy	01	20	10	30	03	02	05	35
August-2023	PF	Drudgery Reduction	01	20	10	30	03	02	05	35

Home Sc.										
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

Plan protection										
June, 2023	PF	Seed treatment of Paddy and pigeon pea	01	20	10	30	06	04	10	40
June, 2023	PF	Seed treatment <i>kharif</i> crops and their importance	01	20	10	30	06	04	10	40
July, 2023	PF	Integrated management of Pests infesting on paddy, sugarcane and pigeon pea	01	20	10	30	06	04	10	40
Aug, 2023	PF	Insect Pest and disease management in paddy, pigeon pea and sugarcane	01	20	10	30	06	04	10	40
Sept., 2023	PF	Organic Insect Pest Management in Paddy	01	20	10	30	06	04	10	40
Oct. 2023	PF	Seed treatment of rabi crops	01	20	10	30	06	04	10	40
Dec., 2023	PF	Insect Pest and disease management in chickpea	01	20	10	30	06	04	10	40
Jan., 2023	PF	Pest management in Rabi crops	01	20	10	30	06	04	10	40
Feb., 2023	PF	Pest management in vegetable crops	01	20	10	30	06	04	10	40

Fisheries										
-	-	-	-	-	-	-	-	-	-	-
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Soil Healtht										
May 2023	PF/FW	Soil fertility management	01	15	05	20	05	05	10	30
June 2023	PF/FW	Integrated Nutrient Management in Paddy	01	15	05	20	05	05	10	30
October 2023	PF/FW	Production and use of organic inputs	01	15	05	20	05	05	10	30

September 2023	PF/FW	Management of Problematic soils	01	15	05	20	05	05	10	30
May 2023	PF/FW	Micro nutrient deficiency in Paddy crops	01	15	05	20	05	05	10	30
April 2023	PF/FW	Soil and Water Testing	01	15	05	20	05	05	10	30
X Capacity Building and Group Dynamics										
June 2023	PF/FW	Leadership development	01	15	05	20	05	05	10	30
October 2023	PF/FW	Group dynamics	01	15	05	20	05	05	10	30
September 2023	PF/FW	Formation and Management of SHGs	01	15	05	20	05	05	10	30
May 2023	PF/FW	Mobilization of social capital	01	15	05	20	05	05	10	30
April 2023	PF/FW	Entrepreneurial development of farmers/youths	01	15	05	20	05	05	10	30
Other										
June 2023	PF/FW	Training programme on use of ICT in Agriculture	01	15	05	20	05	05	10	30
October 2023	PF/FW	Training programme on use of different Mobile Apps in agriculture	01	15	05	20	05	05	10	30
December 2023	RY	Awareness programme on e-waste and Its Management	02	30	10	40	10	10	20	60

i) Farmers & Farm women (Off Campus)

Date	Clientele	Title of the training programme	Venue	Duration in days	No. of participants			Number of SC/ST			G.
					M	F	T	M	F	T	Total
	Crop Production										
July 2023	PF/FW	Weed Management in Paddy	Parstola	01	15	5	20	05	05	10	30
May 2023	PF/FW	Nursery Management of Paddy	Pindkepar	01	15	5	20	05	05	10	30
July 2023	PF/FW	Integrated Crop Management -	Borgaon	01	15	5	20	05	05	10	30
July 2023	PF/FW	Integrated Crop Management -	Gudhari	01	15	5	20	05	05	10	30
				-	-	-	-	-	-	-	-

Live Stock Production.											
August-2023	PF	Commercial dairy farming	Salebhata	01	24	02	26	02	02	04	30
July-2023	PF	Animal Health Management	Ekodi	01	18	03	21	02	02	04	25
October-2023	PF	Important of vaccination	Sonpuri	01	18	03	21	02	02	04	25
September- 2023	PF	Fodder management	Parstola	01	30	03	33	05	02	07	40
December- 2023	PF	Goat Management	Jaitpur	01	16	01	17	02	01	03	20
Agril. Engg.											
June 2023	PF	Repair and maintenance of farm machinery and implements	Pindkepar	01	20	10	30	03	02	05	35
August-2023	PF	Training on kharif season farm implement	salebhata	01	40	12	52	02	02	04	56
October-2023	PF	Training on Rabbi season farm implement	Jaitpur	01	20	10	30	02	02	04	34
January- 2023	PF	Training on Importance of farm implement in paddy	Gudhari	01	20	10	30	03	02	05	35
February-2023	PF	Drudgery Reduction	Salebhata	01	20	10	30	03	02	05	35
Home Sc.											
-	-	-		-	-	-	-	-	-	-	-
-	-	-		-	-	-	-	-	-	-	-
-	-	-		-	-	-	-	-	-	-	-
Plant Protection											
June, 2023	PF	Insect Pest and disease management in paddy, pigeon pea and sugarcane	Pindkepar	01	20	10	30	06	04	10	40
June, 2023	PF	Insect Pest and disease management in paddy, pigeon pea and sugarcane	salebhata	01	20	10	30	06	04	10	40
July, 2023	PF	Insect Pest and disease management in chickpea	Jaitpur	01	20	10	30	06	04	10	40
Aug, 2023	PF	Seed treatment of Paddy and pigeon pea	Gudhari	01	20	10	30	06	04	10	40
Sept., 2023	PF	Organic Insect pests management in Paddy	Salebhata	01	20	10	30	06	04	10	40
Fisheries											
-	-	-		-	-	-	-	-	-	-	-
-	-	-		-	-	-	-	-	-	-	-

Soil health											
May 2023	PF/FW	Soil fertility management	Pindkepar	01	15	05	20	05	05	10	30
June 2023	PF/FW	Integrated Nutrient Management in Paddy	salebhata	01	15	05	20	05	05	10	30
October 2023	PF/FW	Micro nutrient deficiency in Paddy crops	Jaitpur	01	15	05	20	05	05	10	30
April 2023	PF/FW	Soil and Water Testing	Gudhari	01	15	05	20	05	05	10	30
April 2023	PF/FW	Soil and Water Testing	Sonpuri	01	15	05	20	05	05	10	30
Capacity Building and Group Dynamics											
May 2023	PF/FW	Group dynamics	Pindkepar	01	10	10	20	10	10	20	40
June 2023	PF/FW	Formation and Management of SHGs(HS)	salebhata	01	10	10	20	10	10	20	40
October 2023	PF/FW	Mobilization of social capital	Jaitpur	01	10	10	20	10	10	20	40
April 2023	PF/FW	Entrepreneurial development of farmers/youths (Agro.)	Gudhari	01	10	10	20	10	10	20	40
Other											
June 2023	PF/FW	Training programme on use of ICT in Agriculture	Parastola	01	15	05	20	05	05	10	30
October 2023	PF/FW	Training programme on use of different Mobile Apps in agriculture	Ekodi	01	15	05	20	05	05	10	30

ii) Vocational training programmes for Rural Youth

Date	Thematic Area	Training title*	Venue	Duration (days)	No. of Participants			SC/ST participants			G.Total
					M	F	T	M	F	T	
June 2023	Nursery Management	Nursery preparation for Vegetable Crops	Salebhata	02	15	05	20	03	02	05	25
July 2023	Nursery Management	Nursery Management of Fruit crops	Ekodi	02	15	05	20	03	02	05	25
October 2023	Plant Propagation	Propagation Techniques in Fruit crops	Sonpuri	02	15	05	20	03	02	05	25
October 2023	Value Addition	Value Addition in Kagzi-lime	Parstola	02	03	17	20	02	08	10	30
September 2023	Health management	Health management in livestock	Jaitpur	02	18	06	24	04	02	06	30
Jully 2023	Shade management	Shade management and feeding management in poultry	Salebhata	02	14	04	18	04	03	07	25
May 2023	Bee Keeping	Bee Keeping	Ekodi	01	20	10	30	10	5	15	45
June 2023	Sericulture	Sericulture	Sonpuri	01	20	10	30	10	5	15	45

iii) Training programme for extension functionaries

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
On Campus										
January 2023	EF	Cultivation of Vegetable crops in Greenhouse	02	18	02	20	03	02	05	25
June 2023	EF	Formation of FPO	01	15	05	20	05	05	10	30
July 2023	EF	Integrated Pest Management in Paddy	01	20	10	30	10	05	15	45

iv) Sponsored programmes

Discipline	Sponsoring agency	Clientele	Title of the training programme	No. of course	No. of participants			Number of SC/ST			G. Total
					M	F	T	M	F	T	
a) Sponsored training programme											
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Total	-	-	-	-	-	-	-	-
b) Sponsored research programme											
-	-	-	-	-	-	-	-	-	-	-	-
			Total								
c) Any special programmes											
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Total	-	-	-	-	-	-	-	-

Details of Budget Estimate (2023-24) based on proposed action plan

S. No.	Particulars	Proposed BE 2023-24 (Rs. In Lakh)
1	Recurring Contingencies	
1.1	Pay & Allowances	250.13
1.2	Traveling allowances	5.10
1.3	Contingencies	20.12
<i>A</i>	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	--
<i>B</i>	POL, repair of vehicles, tractor and equipments	--
<i>C</i>	Meals/refreshment for trainees (ceiling upto Rs.150/day/trainee be maintained)	--
<i>D</i>	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	--
<i>E</i>	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	--
<i>F</i>	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	--
<i>G</i>	Training of extension functionaries	--
<i>H</i>	Maintenance of buildings	--
<i>I</i>	Establishment of Soil, Plant & Water Testing Laboratory	--
<i>J</i>	Library	--
	TOTAL Recurring Contingencies	--
2	Non-Recurring Contingencies	--
2.1	Works	--
2.2	Equipments including SWTL & Furniture	--
2.3	Vehicle (Four-wheeler/Two-wheeler, please specify)	--
2.4	Library (Purchase of assets like books & journals)	--
	TOTAL Non-Recurring Contingencies	--
3	REVOLVING FUND	--
	GRAND TOTAL	275.35

