ICAR-ATARI, Pune

DETAILS OF ANNUAL PROGRESS REPORT OF KVKs DURING 2022

(January 2022 to December 2022)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address with PIN code	Telephone		E mail	Website address & No. of visitors (hits)
	Office	FAX		
Krishi Vigyan Kendra At Durgapur (Badnera), Dist. Amravati 444701	0721-2992244	--	pckvkda2015@gmail.com	www.kvkdurgapur.in

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

Address	Telephone		E mail	Website address
	Office	FAX		
Shram Sadhana Amravati's, 57, Congress Nagar, Amravati-444602	0721-2992244	--	pckvkda2015@gmail.com	

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

Name	Telephone / Contact		
	Office	Mobile	Email
Dr. K. P. Singh	0721-2992244	9637717818	pc_kvka@yahoo.co.in/ pckvkda2015@gmail.com

1.4. Date and Year of sanction:1995

1.5. Staff Position (as on December, 2022)

					If Permanent, Please indicate			If Temporary, pl. indicate the consolidated amount paid (Rs./month)
Sl. No.	**Sanctioned post**	**Name of the incumbent**	**Mobile No.**	**Discipline**	**Current Pay Band**	**Pay Matrix**	**Date of joining**	
1.	Senior Scientist and Head (I/C)	Dr. K. P. Singh	9637717818	Plant Protection	--	--	--	
2.	Subject Matter Specialist	Sh. P. S. Jayale	9921333611	Agril. Extn.	56100-177500	107500	01.07.1996	
3.	Subject Matter Specialist	Dr. K. P. Singh	9637717818	Plant Protection	56100-177500	104400	21.09.1996	
4.	Subject Matter Specialist	Dr. Archana Kakade	9422830737	Home Science	56100-177500	95500	01.10.2001	
5.	Subject Matter Specialist	Sh. P. H. Mahalle	9850320710	Horticulture	56100-177500	90000	01.06.2004	
6.	Subject Matter Specialist	Dr. Harshadsingh V. Thakur	8308010038	Agronomy	56100-177500	63100	01.06.2018	
7.	Subject Matter Specialist	Vacant		AHDS	56100-177500			
8.	Programme Assistant	Shri. R. S. Ghogare	8275288938	Food Tech	35400-112400	49000	12.01.2012	
9.	Computer Programmer	Ms. Arti S. Varma	9689983095	Computer	35400-112400	53600	17.06.1997	
10.	Farm Manager	Mr. A. P. Dharamkar	8552865208	MBA (Agri)	35400-112400	36500	01.01.2022	
11.	Accountant/Superintendent	Sh. S. G. Deshmukh	7020660534	Commerce	35400-112400	74300	01.07.1996	
12.	Stenographer	Sh. S. C. Vaidya	9403533937	Commerce	25500-81100	38600	02.12.1996	
13.	Driver 1	Sh. D. G. Shekhawat	8007427371		21700-69100	38300	01.07.1996	
14.	Driver 2	Sh. V. V. Jirafe	7261934842		21700-69100	38300	01.01.1998	
15.	Supporting staff 1	Sh. K. P. Shekhawat	9011212601		19900-63200	33400	01.07.1996	
16.	Supporting staff 2	Sh. D. V. Jirafe	9130181923		19900-63200	33400	08.07.1996	

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)
1	Under Buildings	2.50
2.	Under Demonstration Units	1.00
3.	Under Crops	6.50
4.	Horticulture	6.00

5.	Pond	
6.	Others if any (Specify)	4.00

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	26.12.1998 31.03.2006	447.04	31.75 34.99			
2.	Farmers Hostel	ICAR		305.00				
3.	Staff Quarters (6)	ICAR	31.03.2001	526.88	35.57			
4.	Shade for vehicles, workshop, Implements, Animal, Goat & Sheep, Poultry (04 nos)	ICAR	26.12.1998	299.80	10.20			
5	Entrance Gate, Watchman Cabin, Fencing, Irrigation & Farm roads	ICAR	31.03.2001	--	15.02			
6	Rain Water harvesting system	ICAR	31.03.2007	--	8.61			
7	Threshing floor	ICAR	31.03.2012		2.00			
8	Farm godown	ICAR	31.03.2012		5.00			
9	Irrigation System	ICAR	31.03.2012		5.00			
10	Electrification	ICAR	31.03.2012		3.00			
11	Extension of Admn. Building	ICAR	31.03.2012	92.00	10.00			
12	Soil and water testing lab							
13	Mini soil testing Kit							
14	Sell Contour							
15	Demo unit							
16	ICT lab	ICAR-E-Linkage	31.03.2009					
17	Solar Panel							
18	counter seal							
	Other pl mention							

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Running	Present status
Mahindra Xylo Ex 4	2011-12	989652	259332	Good
Tractor (Mahindra)	2006-07	450000	7567.1	Condemn
Two Wheeler (Suzuki)	1996-97	36308		Condemn
Bicycle (2)	1996-97 1996-97	1450 1510		Condemn Condemn

C) Equipment& AV aids

Name of the equipment / Implements	Year of purchase	Cost (Rs.)	Present status
Portable Projector	1996-97	16147	Condemn
Slide Projector, SP Lamp, & Screen Tripod Stand	1996-97	15720	Condemn
Camera with flash gun	1996-97	7850	Condemn
Cassette recorder with speaker etc	1996-97	10283	Condemn
Mike Stand	1998-99	1395	Condemn
Office Equipments			
Typewriter	1997-98	11900	Condemn
Xerox Machine	2004-05	88000	Condemn
Fax Machine	2004-05	9500	Condemn
Laptop	2006-07	50000	Condemn
LCD Projector	2006-07	70000	Condemn
Genset	2007-08	255000	Satisfactory
Xerox Machine	2008-09	270000	Condemn
Fax Machine	2008-09	20000	Condemn
LCD Projector	2008-09	100000	Satisfactory
Farm Implements	2008-09	80000	Condemn
Atomic Absorption Spectrophotometer	2008-09	1000000	Satisfactory

2. DETAILS OF DISTRICT / JURISDICTION AREA OF KVK

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

S. No	Farming system/enterprise
1	Agriculture
2	Horticulture + Agriculture
3	Agriculture + Animal Husbandry
	Horticulture + Agriculture + Animal Husbandry

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

a) Soil type

S. No.	Agro-climatic Zone	Characteristics
1	Assured Rainfall Zone	The whole district except tehasil Warud & eastern part of tehsil Tiwasa and Chandur railway fall within this zone about 81.07% area is under this zone.The annual precipitation ovaries from 800 to 900 mm, however it exceeds offenly in hilly Melghat tact of this zone. More than 75% rainfall, in this zone is received in kharif season and hence, the kharif cropping system predominates in the zone. The climate is usually hot & dry. Dharni, Chikhaldara, Daryapur, Anjangaon Surji, Bhatkuli, Amravati, Nandgaon Kh, Achalpur, Chandur bazaar, a little part of Morshi and western part of Tiwasa and Chandur Rly tehsil are included in this zone. The area wise characters of soil & the prevalent cropping pattern is furnished below. AES I. II. III and IV dall under this zone. An area of tehsil Dharni and Chikhaldara in this zone is hilly and occupies by mountain Satpura, popularly known as Melghat range. Land is extreamly sloppy. Soils are very shallow to shallow. Forest occupies substantial area in these tehsils. Kharif sorghum, soybean, minor millets or and rice in same patches are the important crops of this region. The area is inhibited by triable farmers. This tract gives good scope for development of dry land horticulture and forage crops. The soils in tehsil Achalpur, Chandur Bz, Morshi, Amravati and Nandgaon Kh. Are moderate to deep & Predominantly vertisols and with situation of ill drainage and crop suffering from more of wet condition, during the year of relatively higher rains, irrigation management in these soils posses some problems. Cotton predominant over sorghum. Other crops grown are soybean, tur, mug, udid tec in kharif season and wheat and gram are the rabbi crops wherever irrigation water is available. The soils in Bhatkuli, Daryapur, Southern part of Anjangaon surji tehsil are vertisoil, deep and saline to saline alkali in reaction. Open well intract have saline water, as result of which , the same cannot be utilized for irrigation purposes. Cotton, Soybean, sorghum, tur, mug and Udid are the major crops of the tract together with rainfed Wheat, B. Gram and sunflower during rabi season. Poor drainage during rainy season is rampant. Fields respectively plain. The soils is western part of Tiwasa and Chandur Rly. Tehsil are predominantly shallow to moderately deep with equal proportion of vertisols, entisols and inceptisols. Land is rolling and slopy. In this area also cotton predominates sorghum. Soybean is making irs place in the cropping system. Pulses and ground nut are the important crops of the region.
2	Moderate to Moderately High Rainfall Zone	Total warud tehsil, part of Morshi and estern part of Tiwasa and Chandur Rly tehsils are included in this zone. The average rainfall received in this tract usually exceeds 900 mm. The climate is hot and dry. 18.93% area o fhte district fall under this zone. The AES V falls under this zone. The soil in this area are moderate to deep having orange dominating cropping system, either on command or dug well irrigation with seasonal vegetables and also field crops like cotton, jowar, soybean, tur in kharif and mostly irrigated wheat in rabi season.

b)Topography

S. No.	Agro ecological situation	Characteristics
AES	Resource Rich	Resource Poor
I	Agriculture Agriculture + Horticulture	Agriculture Agriculture+Horticulture Agriculture+Animal Husbandry
II	Agriculture + Horticulture Hort. +Agril + A. H.	Agriculture Agriculture+Horticulture Agriculture+Animal Husbandry
III	Agriculture + Horticulture Hort. +Agril + A. H.	Agriculture Agriculture+Animal Husbandry
IV	Agriculture	Agriculture

	Agriculture + Animal Husbandry Agril. + A. H. + Hort.	Agriculture+Animal Husbandry Agril. + A. H. + Hort.
V	Agriculture + Horticulture Hort. +Agril + A. H.	Agriculture Horticulture + Agriculture Agriculture+Animal Husbandry

2.3 Soil Types

S. No	Soil type	Characteristics	Area in ha
1	Black	The colour of the soil is Gray to Black, Depth is 25-50 cm, pH ranges from 7.5 to 8.5, less availability of the water, more content of the CN ratio, nitrogen available Phosphorus & Potash, Calcium content is more. Colour of the soil is gray to deep black, depth is 50-100 cm, pH ranges from 7.5 to 8.5, availability of CN ratio, nitrogen & available phosphorus is less & potash is more.	588948.00
2	Others (Light/Shallow)	The Colour of the Soil is gray & depth is 0 to 5 cm. pH 7-8, Less content of CN ratio, Nitrogen & available phosphorus. This soil occurs is Akola, Amravati & Buldhana district, salt % ranges from 0.5 to 6.00 desisimen. Sodium ranges from 3 to 50 %, pH ranges from 7-9, calcium content is more. Colour of the soil is gray, depth is 0-5 cm, pH ranges from 7-8, availability of CN ratio, Nitrogen & available phosphorus & Potash is medium	260356.00

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

S. No	Crop	Area (ha)	Production (000 T)	Productivity (Kg/ha)
	Major Field crops			
1	Kharif Rice	68.89	23.09	335.22
2	Kharif Jowar	108.38	47.00	433.64
3	Kharif Maize	205.16	497.54	2425.09
4	Pigeon pea	1116.59	669.96	600.00
	Green gram	77.37	1.99	25.71
1	Black gram	19.06	0.54	28.55
2	Kharif Ground nut	4.27	1.18	277.35
3	Soybean	2521.18	1611.39	639.14
4	Cotton	2537.33	3439.58	230.45
5	Wheat	391.42	782.84	2000.00
6	Chick Pea	1393.98	2090.97	1500.00
7	**Major Horticultural crops**			

Source: State Dept. of Agril

2.5. Weather data (2022)

Month	Normal RF(mm)	Normal Rainy days (number)	Temperature (^{0} C)		Relative Humidity (%)	
			Maximum	Minimum	Maximum	Minimum
Total						

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

Category	Population (No)	Production	Productivity
Cattle			
Cattle *Crossbred*	28286	184.99	6.755
Cattle *Indigenous*	499782	289.58	0.937
Buffalo	119881	505.77	3.078
Sheep Crossbred	01	--	--
Sheep *Indigenous*	24662	11886	--
Goats	284381	54.07	0.143
Pigs *Crossbred*	84	--	--
Pigs *Indigenous*	9647	--	--
Rabbits			95
Poultry Hens			
Poultry *Desi*	116268	141.52	--
Poultry *Improved*	85547	79.02	--
Ducks	204	--	--
Turkey and others	149	--	--

2.7. Details of Operational area / Villages

Taluka / Block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
Plant Protection Amravati Bhatkuli, Daryapur, Nandgao khandeshwar	Revsa Utamsara, Shivani, Parlam, Chandrapur Khallar, Sipgaon, Majri Masla, Pardi, Adgaon, Pala, Timtala Takali, Nimbora, Ajani, Pimpari Rithe,	Cotton, Oilseed, Pulses, Fruit Crops	• Incidence of Sucking pest in cotton. • Infestation of *Helicoverpa* in chickpea & Pigeonpea. • High use of chemical pesticide for the control of pests in cotton, Pigeonpea and chickpea. • Incidence of store grain pest. • Infestation of fungal diseases in Citrus. • Non availability of Biopesticide. • Unknown about natural enemies. • Attack of stem fly & spodoptera in Soybean crop.	• Improving productivity of cotton. • Demonstration on improved variety. • Demonstration on IPM • Improve the productivity of Soybean. • Dissemination through training, field day & publication • Improve the production of pigeon pea.
Horticulture				
Nandgaon kh Amravati Warud Morshi	Mahuli chore Ajani,loni Anjangaon bari Arad,Timtala Loni, Belora Lehgaon,Nerpinglai,	orange Kagzi lime Onion Gaillardia Okra & other	• Declining yield & quality of Nagpur Mandarin. • Irregular flowering of Hasta Bahar in Kagzi Lime. • Export quality Orange production. • Non availability of quality planting material of Fruit crops. • Management of rain fed fruit crops. • Low productivity of vegetable and floriculture. • Post harvest management of fruit & vegetables. • Processing & value addition in fruit & vegetables	• Improving productivity and quality of Nagpur Mandarin • Production of quality planting material of Nagpur Mandarin. • Improving the productivity of Kagzi Lime. • Improving the productivity of Rained fruit crops. • Improving the productivity of Vegetable and Floriculture. • Post harvest management of fruit & vegetables. • Processing & Value addition of Fruit & Vegetables.
Agronomy				

Amravati Bhatkuli, Daryapur, Nandgao khandeshwar Anjangao Surji	Pala Durgapur Umri Umri Bajar Dhanora Gurav, Hartala	Agronomical Crops	• Integrated Nutrient Management • Improving the sustainability through soil health analysis. • NRM technology • Soil testing based nutrient management • Contingency crop planning • Introduction of newly released high yielding varieties • Promotion of organic farming • Improved Dry land technologies • Use of bio fertilizers & Bio pesticide • Reclamation of saline and sodic soil	• Training & Demonstrations on Weedicide applications in Soybean • Demonstration on improved variety of soybean, green gram, black gram, pigeon pea and chick pea • Disseminations through training, field day, diagnostic visits & articles • Demonstration on chickpea for potash application • Training & Demonstrations on mulching techniques in Chick pea & Ground nut. • Training on improved package and practices of Kharif and rabi crops
Agril. Extension				
Bhatkuli Nandgaon kh Amravati Morshi Warud	Hartala,Takali, Ajani, Nirsana, Khirsana, Timtala, Morgaon, Hiwarkhed, Isambri	K- Cotton, Soybean pigeon pea, Green gram. R- Chick pea, wheat sunflower F- Orange, Lemon. Agri – Horti. – Dairy F- Orange, Lemon. F- Orange, Lemon. Soybean, Pigeonpea, Green Gram, Black Gram	• Improper skill development, lack of knowledge about technology & marketing techniques. They are not known about agriculture growth rate. • Not known and aware about insurance schemes. • Totally unknown about whether forecasting & lack of IT in agriculture • Reduction of productivity due to mono-cropping . • Scattered groups with no specific objectives. • Change in timing & attitude. • Rich sources of renewable energy but lack of knowledge. • They are totally not known about weather & Climate. • Totally not known about PVR & FR right -2001 • Not know germination test of seeds • Not known property seed production Technology	• Expected growth of agriculture sector with 4% with intervention of new technology, human resources development & marketing intelligence. • Crop insurance scheme including all crops should reflect towards the community. • Forecasting information of Extreme weather event Hailstorm/Excess rainfall up to the root level. • Awareness of Crop Diversification. • Skill base formation of groups. • Remedies on farm labour management in agricultural field. • Introduction & Importance of Renewable energy. • Motivation towards climate resilient in agriculture. • Awareness programme on provisions of PVP & FR Right act-2001 • Seed testing in plant Health Clinic. • Training and Demonstration of seed production technology.
Home Science				

Nandgao khandeshwar, Amravati, Bhatkuli	Nirsana, Khirsana, Timtala Jawra, Dabha, Amravati Wadura, Anjangao Bari Uttamsara, Katamla Khallar, Parlam	Soybean, Millates, Storage Grain, Mushroom, Green Leafy Vegetables, Food	• Nutritional imbalance in diet, malnutrition in children. • Lack of awareness about preparation of low cost high nutrient diet • Poor Nutrition • Poor storage practices • Lack of awareness about drudgery reduction technologies in farming , household activities	• Nutrition gardening • Enrich diet by using of bio fortified food grains. • Proper utilization of soybean in diet. • Value addition • Minimize Post harvest losses • Drudgery reduction in Farming & processing activity. • Recycling of agro/ kitchen waste through mushroom cultivation • Subsidiary income generating activities for farm women groups • Maintain health & sanitation of family & family members. • Strengthening the farm women group • Marketing strategies for processed product .
Food Tech Bhatkuli, Anjangaon Surji, Morshi	Bhatkuli, Anjangaon Surji, Morshi	Katamla Nirul Gangamai Nimkhed Bazar Hirapur Pandhari lehgaon Ambada	Horticulture Crops	• The main area is Post harvest technology of Fruits and vegetable, value addition and waste utilization. • Animal products Technology in this Milk and milk processing and Meat and Meat Products and fish and Egg etc. Value addition of these materials. • Cereals, Legumes and Oilseeds in this mainly major crops are included and easily farmer are processed the food grain and sale value added product.

2.8. Priority thrust areas:

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
06	06	42	42	06	06	90	90

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
75	78	7000	7481	25	27	40000	47812

Seed Production (Qtl.)		Planting materials (Nos.)	
5		6	
Target	Achievement	Target	Achievement
700	784.95	1000	1313

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
		35000	37480

3.1. B. Operational areas details during 2022

S.No.	Major crops & enterprises being practiced in cluster villages	Prioritized problems in these crops/ enterprise	Extent of area (ha/No.) affected by the problem in the district	Names of Cluster Villages identified for intervention	Intervention (OFT, FLD, Training, extension activity etc.)*
01	Orange	Fruit drop .Decline in yield.	14600	Hiwarkhed.loni.	OFT.FLD.Training
02	Turmeric	Long duration varieties. low yield	230	Loni.mahuli	OFT.Training
03	Chrysanthemum	Low yield due to locally available seeds	35	Gopalpur Arad	FlD.Training
04	Green Gram, Black Gram, Pigeon pea, Chick pea	Low yield, old variety, INM	770	Thilori, Naved, Umri Bajar	CFLD, Training
05	Integrated Pest Management	Reduction in yield due to incidence of pod borer complex	670	Katamla, Morgaon	OFT & Training
06	Integrated Pest Management	Reduction in yield due to incidence of chick pea pod borer	350	Bhatkuli, Kumagad, Hartala	OFT & Training
07	Soybean, pigeon pea, green gram and black gram	Soil pH, Reduction in organic carbon level, imbalance nutrient availability, over use of nitrogenous fertilizer, new varietal intervention, poor management of organic inputs no balanced use of fertilizer seed treatment INM	1650	Daryapur, Nandgaon Kh., Bhatkuli	CFLD, Training, OFTs
08	Millet	Less Use of Millet in diet.	Maximum	Dharni	Training
09	Custard Apple	Due to shelf life and fluctuated market price of Custard Apple.	10	Amravati Block	OFT,Training,Literature
10	Onion	storage problem and fluctuated market price of onion	10	Anjangaon Block	OFT,Training,Literature
11	Millet	Less Use of Millet in diet.	Maximum	Dabha Timtala	OFT , Training
12	Oyster Mushroom	Lack of awareness about different varieties of Oyster mushroom cultivation	Maximum	Anjangao, Timtala, Dabha	OFT, Training Method demonstration
13	Fruits & vegetable	Non availability of fresh fruits & vegetable for household purpose	Maximum	Nirsana , Khirsana, Timtala, Dabha	FLD , Training , Visits,
14	Vegetable	Lack of awareness about use of Bamboo Solar dryer	Maximum	Dabha, Timtala	FLD , Training
15	Soybean harvesting	Lack of awareness about use of soy mittens	Maximum	Nirsana, Khirsana	FLD, Training
16	Soy nuts	Un aware about effect soy nuts on 3-6 years malnourished children	Maximum	Dabha , Nirsana ,	FLD , Training

				Timtala	

* Support with problem-cause and interventions diagram

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

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

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Integrated Nutrient Management			1			01				2
Varietal Evaluation		1		1						2
Integrated Crop Management			2							2
Seed / Plant production										
Value addition						01				01
Total		**1**	**3**	**1**		**02**				**7**

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	Orange	Assessment of Nutrient Management in Orange for yield and quality improvement	07	07	1.4
	Pigeon Pea	Assessment of Impact of GA3 application @ 25 ppm (13.9 g per ha) on production of pigeon pea	07	07	2.8
Varietal Evaluation	Turmeric	Assessment of Short duration and high yielding variety of Turmeric	07	07	1.4
	Soybean	Assessment of AMS-100-39 and KDS - 726 variety of soybean over JS – 335 for higher production	07	07	2.8
Integrated Pest Management	Pigeon Pea	Assessment on Integrated management of pod borer complex in Pigeon Pea	07	07	2.8
	Chick Pea	Assessment on Integrated management of Chick pea pod borer (helicoverpa armigera)	07	07	2.8
Value addition	Custard Apple	Processing of Custard Apple 2nd year (Pulp Preservation & Storage)	05	05	00
Total			**47**	**47**	**14**

B.3 Technologies assessed under other enterprises

Name of Enterprises	Name of the technology assessed	No. of trials	No. of farmers
Seed production	**Seed Production of Newly released Soybean and Chick Pea varieties**	**72**	**72**
post-harvest management			
other			

B 4.Technologies assessed under Women empowerment assessment

Name of Enterprises	Name of the technology assessed	No. of trials	No. of farmers
Drudgery Reduction			
Entrepreneurship development			
Health and Nutrition			
value addition			
Kitchen gardening			
nutrition security			
other			

C. 1. Results of Technologies Assessed
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
Orange	Irrigated	Low productivity	Assessment of Nutrient Management in Orange for yield and quality improvement	07	Application of 1200:400:400 NPK g/plant in 5 splits doses Basal: 500 gm VAM+ Azatobactor, PSB & Trichodermma 100 gm each. 1. Stress Release Stage – 360:160:40 NPK g/plant 2.Pea size-360:160:40 NPK g/plant 3.Marble Size : 240:100:120 NPK g/plant 4.Egg Size 120:00:100 NPK g/plant 5.Pre mature – 120:00:100 NPK g/plant	Yield Qt per ha. No. of fruits per plant Av' weight of fruit in Gm. C:B Ratio	256.2 778 137 2.46	The Application of five spit doses of NPK gives significant result and also increase in yield 19.48 %	This technology adopting by farmers, To increasing fruit size,also reduction in fruit drop.finally converting better yield'		
Turmeric	Irrigated	Insufficient moisture during peak period	Assessment of short duration and high yielding of Turmeric	07	IISR-Pragati PDKV-Waigaon	Yield qt.per ha. Duration in dyas C:B Ratio Yield qt.per ha. Duration in dyas C:B Ratio	239 193 2.63 246.5 221 2.74	IISR-Pragati gives less yield as compare to PDKV-waigaon.but short duration under less water consumption	under less water consumption Short duration variety IISR Pragati is superior than other		
Pigeon Pea	Rainfed	Heavy incidence of	Management of pigeon	07	**T1:** 2to 3 chemical pesticide sprays	% of pod damage	15.32	Integrated approach of pest			

		Pod Borer	pea pod borer complex		comprising of Profenophos 50 EC 40 ml, Flubendiamide 20 WG @ 5 g, Clorantraniliprole 18.5 SC @2 ml per 10 lit water	No. of pods / plant	137.5	management significantly proven the less percent pod damage and also increase the yield			
						Average yield (q/ha)	10.21				
					T2: **1st spray** - Clorantraniliprole 18.5 SC @ 3 ml per 10 lit water at 50 per cent flowering **2nd spray**- Flubendiamide 39.35 SC @ 2 ml per 10 lit water at pod filling stage	% of pod damage	8.63				
						No. of pods / plant	151.3				
						Average yield (q/ha)	13.56				
					T3: **1st spray** Azadirachtin 300 ppm 50 ml /10 lit water 50% flowering **2nd Spray** Emamectin Benzoate 5 SG 4.4 g/10 lit water based on ETL **3rd spray** Lamda cyhalothrin 5 EC 10 ml/10 lit water based on ETL	% of pod damage	5.33				
						No. of pods / plant	173.1				
						Average yield (q/ha)	15.08				
Chick pea	Irrigated	Heavy incidence of Pod borer	Integrated management of chickpea pod borer (Helicoverpa armigera)	07	**T1:** 1st Spray of Profenophos 50 EC @ 20 ml/10 lit of water after flowering stage. 2 nd sprays Emamectin Benzoate 5 SG 3gm /10 lit of water if pest crosses ETL 3 rd spray of Clorantraniliprole 18.5SC 3 ml / 10 lit of water.	% of pod damage	10.08				
						No. of pod / plant	42.36				
						Average yield q/ha	12.5				
					T2: ETL based spray of Lambda cyhalothrin 5% EC 1.25 ml/lit of water followed by Ethion 50 EC 20 ml/10 lit of water 15 days after first spraying	% of pod damage	6.15				
						No. of pod / plant	48.30				
						Average yield q/ha	14.80				
					T3: Clean cultivation and deep summer ploughing Mixing 100 g Jowar seeds at the time of sowing	% of pod damage	4.33				
						No. of pod / plant	51.21				

					Sowing two rows of coriander and mustard around the crop Installation of bird perches @50/ha Installation of pheromone traps 5/ha Spraying NSE 5% at 50% flowering spraying *He ar* NPV 500 LE/ha at the time of pod formation Spray Emamectin benzoate 5SG @ 4g/10 lit water at pod filling stage	Average yield q/ha	16.32				
Agronomy											
Pigeon Pea	Rainfed	Moisture Stress	Impact of GA3 application @ 25 ppm (13.9 g per ha) on production of pigeon pea	07	T1:Farmers practice (No Application)	Yield (q/ha)	12.25	17.38 % more yield of pigeon pea observed in the GA3 application over farmers practice	Application of GA3 reduces the moisture stress	NIL	NIL
						No of Pods per Plant	189.8				
					T2: Foliar application of 1 % Humic Acid at Flowering and Pod Development stage.	Yield (q/ha)	14.38				
						No of Pods per Plant	220.2				
					T3: GA3 application @ 25 ppm (13.9 g per ha)	Yield (q/ha)	16.8				
						No of Pods per Plant	235.6				
Soybean	Rainfed	Low productivity, Stem Fly and Girdle Beetle incidence	Assessment of AMS-100-39 and KDS - 726 variety of soybean over JS – 335 for higher production	07	T1:Farmers practice (JS-335)	Yield (q/ha)	15.24	33.33 % & 46.98 % more grain yield observed in T2 and T3 over farmers practice	Phule Sangam Is bold seeded high yielding long duration variety which having resistance to Stem fly and girdle beetle	NIL	NIL
						No of Pods per Plant	43.65				
					T2: AMS-100-39 (PDKV Amba)	Yield (q/ha)	20.32				
						No of Pods per Plant	59.63				
					T3: KDS- 726 (Phule Sangam)	Yield (q/ha)	22.40				
						No of Pods per Plant	70.4				

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	B:C Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice)DAP 1000 gm or 10:26:26 1000 gm per plant		214.5	Quintal//Ha.	90050	1.72
Technology option 2 Application of 1200:400:400 NPK g/plant in 5 splits doses Basal: 500 gm VAM+ Azatobactor, PSB & Trichodermma 100 gm each. 1. Stress Release Stage – 360:160:40 NPK g/plant 2.Pea size-360:160:40 NPK g/plant 3.Marble Size : 240:100:120 NPK g/plant 4.Egg Size 120:00:100 NPK g/plant 5.Pre mature – 120:00:100 NPK g/plant	DR.PDKV,,Akola	256.2	Quintal/Ha.	201940	2.46
Technology option 1 (Farmer's practice Selum)		231.8	Quintal /Ha.	244585	2.58
Technology option 2 IISR_Pragati	IISR,Calicut	239	Quintal /Ha	258837	2.63
Technology option 3 PDKV-Waigaon	DR.PDKV,Akola	246.5	Quintal /Ha	272913	2.74
T1: 2to 3 chemical pesticide sprays comprising of Profenophos 50 EC 40 ml, Flubendiamide 20 WG @ 5 g, Clorantraniliprole 18.5 SC @2 ml per 10 lit water	-	10.21	Quintal /Ha.	53830	2.93
T2: **1st spray** - Clorantraniliprole 18.5 SC @ 3 ml per 10 lit water at 50 per cent flowering **2nd spray**- Flubendiamide 39.35 SC @ 2 ml per 10 lit water at pod filling stage	Dr VNMKV Parbhani Joint Agrosco-2018	13.56	Quintal /Ha	78920	3.66
T3: **1st spray** Azadirachtin 300 ppm 50 ml /10 lit water 50% flowering	CIBRC publication 2020	15.08	Quintal /Ha	90430	3.99

2nd Spray Emamectin Benzoate 5 SG 4.4 g/10 lit water based on ETL **3rd spray** Lamda cyhalothrin 5 EC 10 ml/10 lit water based on ETL					
T1: 1st Spray of Profenophos 50 EC @ 20 ml/10 lit of water after flowering stage. 2 nd sprays Emamectin Benzoate 5 SG 3gm /10 lit of water if pest crosses ETL 3 rd spray of Chlorantraniliprole 18.5SC 3 ml / 10 lit of water.	-	12.5	Quintal /Ha.	24670	1.67
T2: ETL based spray of Lambda cyhalothrin 5% EC 1.25 ml/lit of water followed by Ethion 50 EC 20 ml/10 lit of water 15 days after first spraying	**Dr PDKV Akola Joint Agrosco-2019**	14.80	Quintal /Ha	33720	1.86
T3: Clean cultivation and deep summer ploughing Mixing 100 g Jowar seeds at the time of sowing Sowing two rows of coriander and mustard around the crop Installation of bird perches @50/ha Installation of pheromone traps 5/ha Spraying NSE 5% at 50% flowering spraying *He ar* NPV 500 LE/ha at the time of pod formation Spray Emamectin benzoate 5SG @ 4g/10 lit water at pod filling stage	**Dr VNMKV Parbhani Joint Agrosco-2017**	16.32	Quintal /Ha	40548	2.02
Agronomy					
T1:Farmers practice (No Application)	-	12.25	Quintal /Ha.	64350	2.91
T2: Foliar application of 1 % Humic Acid at Flowering and Pod Development stage.	-	14.38	Quintal /Ha	80190	3.30
T3: GA3 application @ 25 ppm (13.9 g per ha)	**Dr PDKV Akola Joint Agrosco-2019**	16.8	Quintal /Ha	98800	3.77
T1:Farmers practice (JS-335)	-	15.24	Quintal /Ha.	40740	2.14
T2: AMS-100-39 (PDKV AMBA)	**Dr. P.D.K.V. Akola 2021**	20.32	Quintal /Ha	64900	2.76
T3: KDS-726 (Phule Sangam)	**MPKV Rahuri 2016**	22.40	Quintal /Ha	74900	3.01

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

Assessment 1

Title of Technology Assessed	**Assessment of Nutrient Management in Orange for yield and quality improvement**
Problem Definition	Imbalanced fertilizer dose, Heavy fruit drop, poor quality fruit and low productivity
Details of technologies selected for assessment	**Application of 1200:400:400 NPK g/plant in 5 splits doses** Basal: 500 gm VAM+ Azatobactor, PSB & Trichodermma 100 gm each. 1. Stress Release Stage – 360:160:40 NPK g/plant 2.Pea size-360:160:40 NPK g/plant 3.Marble Size : 240:100:120 NPK g/plant 4.Egg Size 120:00:100 NPK g/plant 5.Pre mature – 120:00:100 NPK g/plant
Source of technology	Dr. PDKV, Akola (Recommended practice)
Production system and thematic area	Integrated Nutrient Management
Performance of the Technology with performance indicators	Application of 1200:400:400 NPK g/plant in 5 splits doses gives significant Yield 256.2 Qt. /ha. And av.weight of fruit 137 gm
Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	This technology adopting by farmers, To increasing fruit size, also reduction in fruit drop. finally converting better yield
Final recommendation for micro level situation	The Application of five spit doses of NPK and Bio-fertilizer, Trichoderma gives significant result and also increase in yield 19.48 %
Constraints identified and feedback for research	
Process of farmers participation and their reaction	Field visit, Farmer Discussion, Training Field day

Assessment 2

Title of Technology Assessed	**Assessment of Short duration & high yielding variety of turmeric IISR-Pragati**
Problem Definition	Low Productivity, Water scarcity during peak period
Details of technologies selected for assessment	**T1-1 (Farmer's practice) Selum variety** **T2-Technology Assessed IISR-Pragati** **T3- Technology Assessed PDKV Waigaon**
Source of technology	IISR, Calicut , Dr.PDKV. Akola
Production system and thematic area	Varietal Trial
Performance of the Technology with performance indicators	The yield obtained from IISR Pragati 239 Qt./Ha. And Duration 193 days
Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	Under less water consumption Short duration variety IISR Pragati is superior than other
Final recommendation for micro level situation	IISR Pragati variety is good for water scarcity area & yield was low as compare to PDKV Waigaon
Constraints identified and feedback for research and developmental departments	IISR Pragati variety is superior for water scarcity during peak period of crops.
Process of farmers participation and their reaction	Discussion, Training, OFT, Field day etc.

Assessment 3

Title of Technology Assessed	Integrated management of chickpea pod borer (Helicoverpaarmigera)
Problem Definition	Heavy incidence of Pod Borer
Details of technologies selected for assessment	T1 : Farmers practice T2: ETL based spray of Lambda cyhalothrin 5% EC 1.25 ml/lit of water followed by Ethion 50 EC 2 ml/10 lit of water 15 days after first spraying T3: Clean cultivation and deep summer ploughing , Mixing 100 g Jowar seeds at the time of sowing, Sowing two rows of coriander and mustard around the crop, Installation of bird perches @50/ha, Installation of pheromone traps 5/ha, Spraying NSE 5% at 50% flowering, spraying He ar NPV 500 LE/ha at the time of pod formation, Spray Emamectin benzoate 5SG @ 4g/10 lit water at pod filling stage, Clean cultivation and deep summer ploughing , Mixing 100 g Jowar seeds at the time of sowing, Sowing two rows of coriander and mustard around the crop, Installation of bird perches @50/ha, Installation of pheromone traps 5/ha Spraying NSE 5% at 50% flowering, spraying He ar NPV 500 LE/ha at the time of pod formation, Spray Emamectin benzoate 5SG @ 4g/10 lit water at pod filling stage
Source of technology	IPM Package for ChickpeaNCIPM Bulletin – 2014
Production system and thematic area	Integrated Pest Management
Performance of the Technology with performance indicators	Improve the yield
Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	IPM technology proven good control against chick pea pod borer
Final recommendation for micro level situation	T3 gives better yield
Constraints identified and feedback for research and developmental departments	
Process of farmers participation and their reaction	Training, Demonstration & discussion

Assessment 4

Title of Technology Assessed	**Management of pigeon pea pod borer complex**
Problem Definition	Heavy Incidence of pod borer
Details of technologies selected for assessment	**T1 Farmers Practice** 1st Spray of Chlorpyiphos 50 EC@ 20 ml/10 lit of water 2nd Spray Flubendamide 20WG 5 gm /10 lit of water. 3rd Spray Chloraniliprole 18.5 % SC @ 5 ml /10 lit water **T2 : Recommended Practice** 1st spray - Clorantraniliprole 18.5 SC @3 ml per 10 lit water at 50 per cent flowering 2nd spray- Flubendiamide 39.35 SC @2 ml per 10 lit water at pod filling stage. **T3 : Technology Assessed** 1st Spray of Azadiractin 300 ppm 50ml /10 lit at 50 % flowering stage. 2nd Spray of Emamectin Benzoate 5 SG 3 gm /10 lit of water 15 days after first spraying. 3rd Spray of Lambda- Cyhalothrin 5%EC@ 10ml/ 10 lit 15 days after second spray
Source of technology	**VNMKV Parbhani**
Production system and thematic area	IPM
Performance of the Technology with performance indicators	Integrated pest management approach showing less incidence of pod borer which results in high yield
Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	

Assessment 5

Title of Technology Assessed	**Impact of GA3 application @ 25 ppm (13.9 g per ha) on production of pigeon pea**
Problem Definition	Moisture Stress
Details of technologies selected for assessment	T1:Farmers practice (No Application) T2: GA_3 application @ 25 ppm (13.9 g per ha) T3: Foliar application of 1 % Humic Acid at Flowering and Pod Development stage
Source of technology	**Dr. PDKV Akola 2019**
Production system and thematic area	Integrated Nutrient Management
Performance of the Technology with performance indicators	37.14 % more yield of pigeon pea observed in the GA3 application over farmers practice
Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	
Final recommendation for micro level situation	Application of GA_3 application @ 25 ppm (13.9 g per ha)
Constraints identified and feedback for research and developmental departments	-
Process of farmers participation and their reaction	Identification of farmers, group discussion, training, demonstration

Assessment 6

Title of Technology Assessed	**Assessment of AMS-100-39 and KDS - 726 variety of soybean over JS – 335 for higher production**
Problem Definition	Low productivity, incidence of stem fly, girdle beetle and shattering losses
Details of technologies selected for assessment	T1:Farmers practice (JS - 335) T2: PDKV Amba (AMS-100-39) T3: Phule Sangam (KDS-726)
Source of technology	**Dr. P.D.K.V. Akola 2021 & MPKV Rahuri 2016**
Production system and thematic area	Varietal evaluation
Performance of the Technology with performance indicators	Phule Sangam variety due to its long duration proven better than PDKV Amba
Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	Farmers adopting this variety because of its low shattering losses occurs at harvesting stage
Final recommendation for micro level situation	Phule Sangam variety is suitable where water logging conditions occurs
Constraints identified and feedback for research and developmental departments	-
Process of farmers participation and their reaction	Identification of farmers, group discussion, training, demonstration

3.3. FRONTLINE DEMONSTRATION

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

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

S. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
01	**Soybean**	**Varietal Evaluation**	**Varietal Demonstration of KDS - 726**	**CFLD, Seed Hub**			
02	Chick Pea	**Varietal Evaluation**	**Varietal Demonstration of Phule Vikrant**	**Seed Hub**			
03	Pigeon Pea	**Varietal Evaluation**	**Varietal Demonstration of BDN - 716**	**CFLD, Seed Hub**			

B. Details of FLDs implemented during 2022**(Kharif 2022, Rabi 2021-22, Summer 2022)** (Information is to be furnished in the following **three tables** for **each category** i.e. **cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops**.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	**Orange**	**Integrated crop management**	**Spraying og Growth harmones,fungicide andnutrient ,Installation of fruit traps**	**Kharif-2022**	**02**	**2**	**02**	**2**	**10**	
2	Chrysenthemum(BIJALI)	Varietal introduction	Variety-Bijali Super	Rabi-2021-22	2	2	0	10	10	

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					
Orange	**Kharif-2022**	Irrigated	Medium to black	M	L	H	Orange	Ambia Bahar	25th Nov.		
Chrysenthemum(BIJALI)	Rabi-2021-22	Irrigated	Light to medium	L	L	M	Marrigold	19th Nov.	21 th Feb		

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	The KDS – 726 soybean variety giving highest yield in soybean among all the soybean varieties. The seed requirement is also low compared to other varieties. The Sowing on BBF and Patta method showing excellent yield increase.
2	The seed treatment with biofertilizers in pulses crop showing excellent formation of root nodules which helps to fix atmospheric nitrogen into the soil and Biopesticide showing less infestation of wilt.
3	Five split doses of fertilizer along with biofertilizers helps to maintain the quality of mandarin fruits and reduces the fruit drop losses
4	

Farmers' reactions on specific technologies

S. No	Feed Back
1	The KDS -726 Phule Sangam variety is having long duration and suitable for heavy soils and also giving high yield compare to other varieties
2	Seed treatment with biofertilisers and Biopesticides keeping soil micro organism active and reduces the infestation of harmful fungus.
	The reduction in fruit dropping helps to increase the yield and maintaining the fruit quality get premium rate.

Extension and Training activities under FLD

Sl. No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	01	13th Jan.	27	
2	Farmers Training	03	10th Dec.	89	
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																		

* 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 Pest Management	Integrated management of Fusarium wilt of pigeon pea	BDN-716	20	8	18.24	11.35	16.4	12.7	29.13	34580	131200	96620	3.79	33650	101600	67950	3.01

* 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																			
Any other (Pl. specify)																			
Chrysanthemum (Bijali)	Varietal Introduction	Variety- Bijali super	10	02	115.2	82	101.2	86.2	17.40	Flower size -5.7 cm.	Flower size -3.5 cm	**37500**	**101200**	**63700**	2.69	**36102**	**74599**	**38437**	2.02
Fruit crops																			
Any other (Pl. specify)																			
Orange	Integrated Nutrient	Management of fruit drop	10	02	245.1	174	230.6	195	18.26	Fruit Drop 7 %	Fruit Drop 15.2 %	126300	288620	162320	2.28	110800	214897	104097	1.93

	Management																		
Orange	Integrated Disease Management	Eco-friendly management of Phytopthora root rot and gummosis in mandarin	20	8	228.5	176.1	214.3	180.7	18.59	Phytopthora root rot damage percentage 7.52	Phytopthora root rot damage percentage 14.6	128600	214300	85700	1.66	125630	180700	55070	1.43

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

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	01	125	10	135	15	05	20	140	15	155
Cropping Systems	01	110	10	120	17	10	27	127	20	147
Integrated Farming	02	145	35	180	25	20	45	170	55	225
Seed production	07	545	50	595	110	25	135	655	75	730
Soil & water conservatioin	01	110	--	110	15	-	15	110	15	125
Total	**12**	**1035**	**105**	**1140**	**182**	**60**	**242**	**1202**	**180**	**1382**
II Horticulture										
a) Vegetable Crops										
Off-season vegetables	01	21	05	26	02	-	02	23	05	28
Protective cultivation	01	21	01	22	03	-	03	24	01	25
Others (pl specify)										
Total (a)	**02**	**42**	**06**	**48**	**05**	**--**	**05**	**47**	**06**	**53**
b) Fruits										
Layout and Management of Orchards	02	41	05	46	08	04	12	49	09	58
Cultivation of Fruit	01	21	-	21	05	-	05	24	-	24
Total (b)	**03**	**62**	**05**	**67**	**13**	**04**	**17**	**73**	**09**	**82**
d) Plantation crops										
Processing and value addition	**03**	**23**	**15**	**38**	**04**	**03**	**07**	**27**	**18**	**45**
Total c)	**03**	**23**	**15**	**38**	**04**	**03**	**07**	**27**	**18**	**45**
IV Livestock Production and Management										
Dairy Management	04	61	07	68	11	03	14	72	10	82
Poultry Management	01	05	--	05	08	04	12	13	04	17
Piggery Management	--	--	--	--	--	--	--	--	--	--
Rabbit Management	--	--	--	--	--	--	--	--	--	--
Animal Nutrition Management	02	34	05	39	10	04	14	44	09	53
Disease Management	04	83	17	100	22	08	30	105	25	130
Feed & fodder technology	02	29	07	36	04	02	06	33	09	42
Production of quality animal products	--	--	--	--	--	--	--	--	--	--
Others (pl specify)	--	--	--	--	--	--	--	--	--	--
Total	**13**	**212**	**36**	**248**	**55**	**21**	**70**	**267**	**57**	**324**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	02	02	37	39	00	15	15	02	52	54
Gender mainstreaming through SHGs	01	00	13	13	00	14	14	00	27	27
Storage loss minimization techniques	01	00	10	10	00	01	01	00	11	11
Women empowerment	02	02	34	36	01	07	08	01	41	44
Location specific drudgery reduction technologies	01	00	09	09	000	04	04	00	13	13
Total	**7**	**4**	**103**	**107**	**1**	**41**	**42**	**3**	**144**	**149**
VII Plant Protection										
Integrated Pest Management	05	122	31	153	15	13	28	137	44	181
Bio-control of pests and diseases	01	28	02	30	14	02	16	42	4	46
Total	**06**	**150**	**33**	**183**	**29**	**15**	**44**	**179**	**48**	**227**
X Capacity Building and Group Dynamics										
Leadership development	05	135	25	160	45	20	65	180	45	225
Group dynamics	03	55	17	72	15	9	24	70	26	96
Formation and Management of SHGs	05	155	45	200	25	10	35	180	55	235
Mobilization of social capital	05	110	35	145	25	10	35	135	45	180

Entrepreneurial development of farmers/youths	02	24	06	30	10	05	15	34	11	45
Awareness of Crop Management	02	67	7	74	7	5	12	74	12	86
Fodder and Feed Management Awareness	02	76	-	76	15	-	15	91	--	91
Awareness of Natural Resource Management	03	58	12	70	05	7	12	63	19	82
Resource Conservation Technology	02	67	06	73	12	10	22	79	16	95
Total	**29**	**747**	**153**	**900**	**159**	**76**	**235**	**906**	**229**	**1135**
XI Agro-forestry										
Production technologies	03	58	12	70	05	7	12	63	19	82
Nursery management	02	67	06	73	12	10	22	79	16	95
Total	**5**	**125**	**18**	**143**	**17**	**17**	**34**	**142**	**35**	**177**
GRAND TOTAL	**80**	**2400**	**474**	**2874**	**465**	**237**	**696**	**2846**	**726**	**3574**

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	03	110	--	110	25	--	25	110	25	135
Resource Conservation Technologies	02	75	--	75	15	--	15	90	--	90
Crop Diversification	02	135	15	150	17	10	27	152	25	177
Integrated Farming	02	47	10	57	05	05	10	52	15	67
Micro Irrigation/irrigation	02	55	15	70	10	09	19	65	24	89
Seed production	03	157	--	157	25	--	25	182	--	182
Total	**14**	**579**	**40**	**619**	**97**	**24**	**121**	**651**	**89**	**740**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops	02	35	09	44	07	03	10	51	12	63
Export potential vegetables	01	24	-	24	04	-	04	28	04	32
Total (a)	**3**	**59**	**9**	**68**	**11**	**3**	**14**	**79**	**16**	**95**
b) Fruits										
Layout and Management of Orchards	03	54	13	67	12	03	15	66	16	82
Cultivation of Fruit	03	51	09	60	10	04	14	61	13	74
Management of young plants/orchards	01	24	-	24	11	-	11	35	-	35
Total (b)	7	129	22	151	33	7	40	162	29	191
d) Plantation crops										
Processing and value addition	03	28	24	52	03	01	04	31	25	56
Total (d)	**03**	**28**	**24**	**52**	**03**	**01**	**04**	**31**	**25**	**56**
f) Spices										
Production and Management technology	01	23	-	23	04	-	04	27	-	27
Total (f)	**01**	**23**	**-**	**23**	**04**	**-**	**04**	**27**	**-**	**27**
IV Livestock Production and Management										
Dairy Management	01	12	04	16	07	02	09	19	06	25
Poultry Management	01	15	03	18	12	05	17	27	08	35
Piggery Management	--	--	--	--	--	--	--	--	--	--
Rabbit Management	--	--	--	--	--	--	--	--	--	--
Animal Nutrition Management	02	53	11	64	11	05	16	64	16	80
Disease	02	62	18	80	08	04	12	70	22	92

Management										
Feed & fodder technology	01	18	03	21	03	01	04	21	04	25
Production of quality animal products	--	--	--	--	--	--	--	--	--	--
Others (pl specify)Management of Quail chicks	--	--	--	--	--	--	--	--	--	--
Total	**07**	**160**	**39**	**199**	**41**	**17**	**58**	**201**	**56**	**257**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	04	02	97	99	02	22	24	04	119	123
Location specific drudgery reduction technologies	01	00	16	16	00	04	04	00	20	20
Women and child care	03	49	39	88	09	15	24	58	54	112
Total	**8**	**51**	**152**	**203**	**11**	**41**	**52**	**62**	**193**	**255**
VII Plant Protection										
Integrated Pest Management	18	27	14	41	8	5	13	35	19	54
Integrated Disease Management	02	37	00	37	12	00	12	49	00	49
Total	**20**	**64**	**14**	**78**	**20**	**5**	**25**	**84**	**19**	**103**
XI Agro-forestry										
PMFBY Insurance Scheme and its Importance	03	225	40	265	35	15	50	260	55	315
Awareness about New Government Scheme for Rural Youth	02	50	10	60	05	05	10	55	15	70
Communication Skill for effective Transfer of Technology	02	65	15	80	25	15	40	90	30	120
Total	**7**	**340**	**65**	**405**	**65**	**35**	**100**	**405**	**100**	**505**
GRAND TOTAL	**104**	**2726**	**615**	**3341**	**528**	**255**	**777**	**3221**	**914**	**4137**

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	04	235	10	245	40	05	45	275	15	290
Resource Conservation Technologies	02	75	-	75	15	-	15	90	-	90
Cropping Systems	01	110	10	120	17	10	27	127	20	147
Crop Diversification	02	135	15	150	17	10	27	152	25	177`
Integrated Farming	04	192	45	237	30	25	55	222	70	292
Micro Irrigation/irrigation	02	55	15	70	10	09	19	65	24	89
Seed production	10	702	50	752	40	--	40	742	50	792
Total	**25**	**1504**	**145**	**1649**	**169**	**59**	**228**	**1673**	**204**	**1700**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops	02	35	09	44	07	03	10	51	12	63
Off-season vegetables	01	21	05	26	02	-	02	23	05	28
Export potential vegetables	01	24	-	24	04	-	04	28	04	32
Protective cultivation	01	21	01	22	03	-	03	24	01	25
b) Fruits										
Layout and Management of Orchards	05	95	18	113	20	07	27	111	25	136
Cultivation of Fruit	04	72	09	81	15	04	19	85	13	98
Management of young plants/orchards	01	24	-	24	11	-	11	35	-	35
d) Plantation crops										
Production and Management technology	01	23	-	23	04	-	04	27	-	27
Processing and value addition	06	33	39	90	7	4	11	58	43	101

Total	**22**	**348**	**81**	**447**	**73**	**18**	**91**	**442**	**103**	**545**
IV Livestock Production and Management										
Dairy Management	05	73	11	84	18	05	23	91	16	107
Poultry Management	02	20	03	23	20	09	29	40	12	52
Piggery Management	--	--	--	--	--	--	--	--	--	--
Rabbit Management	--	--	--	--	--	--	--	--	--	--
Animal Nutrition Management	04	87	16	103	21	09	30	108	25	133
Disease Management	06	145	35	180	30	12	42	175	47	222
Feed & fodder technology	03	47	10	57	07	03	10	54	13	67
Total	**20**	**372**	**75**	**447**	**96**	**38**	**134**	**468**	**113**	**581**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	06	04	134	138	02	37	39	06	171	177
Design and development of low/minimum cost diet										
Gender mainstreaming through SHGs	01	00	13	13	00	14	14	00	27	27
Storage loss minimization techniques	01	--	10	10	--	01	01	00	11	11
Value addition										
Women empowerment	02	02	34	36	01	07	08	03	41	44
Location specific drudgery reduction technologies	02	00	25	25	00	08	08	00	33	33
Women and child care	03	49	39	88	09	15	24	58	54	112
Total	**15**	**55**	**255**	**310**	**12**	**82**	**94**	**67**	**337**	**404**
VII Plant Protection										
Integrated Pest Management										
Integrated Disease Management										
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others (pl specify)										
Total										
X Capacity Building and Group Dynamics										
Leadership development	05	135	25	160	45	20	65	180	45	225
Group dynamics	03	55	17	72	15	9	24	70	26	96
Formation and Management of SHGs	05	155	45	200	25	10	35	170	55	225
Mobilization of social capital	05	110	35	145	25	10	35	135	45	180
Entrepreneurial development of farmers/youths	02	24	06	30	10	05	15	34	11	45
WTO and IPR issues										
Others (pl specify)										
Awareness of Crop Management	02	67	7	74	7	5	12	74	12	86
Fodder and Feed Management Awareness	02	76	-	76	15	-	15	76	15	91
Awareness of Natural Resource Management	03	58	12	70	05	7	12	63	19	82
Resource Conservation Technology	02	67	06	73	12	10	22	79	16	95
Total	**29**	**747**	**153**	**900**	**159**	**76**	**235**	**881**	**244**	**1125**
PMFBY Insurance Scheme and its Importance	03	225	40	265	35	15	50	260	55	315
Awareness about New Government Scheme for Rural Youth	02	50	10	60	05	05	10	55	15	70
Communication Skill for effective Transfer of Technology	02	65	15	80	25	15	40	90	30	120
Total	**7**	**340**	**65**	**405**	**65**	**35**	**100**	**405**	**100**	**505**
GRAND TOTAL	**118**	**3366**	**774**	**4140**	**574**	**308**	**882**	**3936**	**1101**	**5037**

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	01	18	04	22	03	02	05	21	06	27
Commercial fruit production	01	20	04	24	04	02	06	24	06	30
Integrated farming	02	43	08	51	07	03	10	50	11	61
Planting material production	01	23	04	27	03	03	06	26	07	33
Vermi-culture	02	50	32	82	13	11	24	63	43	106
Mushroom Production	10	134	55	189	29	15	44	163	70	233
Value addition	05	14	16	58	04	23	27	46	39	85
Small scale processing	08	107	80	187	23	10	33	130	190	320
Post Harvest Technology	08	110	55	165	25	20	40	135	75	210
Extension Management in Agriculture	02	50	10	60	15	07	22	65	17	82
Market Type and market Management	02	40	15	55	15	9	24	55	24	79
Small Agri. Bussiness Management	01	30	15	45	05	05	10	35	**20**	55
Future Agriculture Commodities Trading Techniques	01	25	07	32	--	--	--	25	**07**	32
House hold food security by Kitchen Gardening and Nutrional gardening	01	-	21	21	-	04	04	-	**25**	25
Location specific drudgery reduction technology	01	-	19	19	-	06	06	-	**25**	25
TOTAL	**46**	**664**	**345**	**1037**	**146**	**120**	**261**	**838**	**565**	**1403**

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
Seed production	03	76	25	101	15	07	22	91	32	123
Vermi-culture	02	50	10	60	15	10	25	65	20	85
TOTAL	**5**	**126**	**35**	**161**	**30**	**17**	**47**	**156**	**52**	**208**

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	01	18	04	22	03	02	05	21	06	27
Commercial fruit production	01	20	04	24	04	02	06	24	06	30
Integrated farming	02	43	08	51	07	03	10	50	11	61
Seed production	03	76	25	101	15	07	22	91	32	123
Production of organic inputs										
Planting material production	01	23	04	27	03	03	06	26	07	33
Vermi-culture	04	100	42	142	28	21	49	128	63	191
Mushroom Production	10	134	55	189	29	15	44	163	70	233
Value addition	05	14	16	58	04	23	27	46	39	85
Small scale processing	08	107	80	187	23	10	33	130	190	320
Post Harvest Technology	08	110	55	165	25	20	40	135	75	210
Sheep and goat rearing	2	28	03	31	05	03	08	33	06	39
House hold food security by Kitchen Gardening and Nutrional gardening	01	-	21	21	-	04	04	-	25	25
Location specific drudgery reduction technology	01	-	19	19	-	06	06	-	25	25
Total	**47**	**673**	**336**	**1037**	**146**	**119**	**260**	**847**	**555**	**1402**

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
Integrated Pest Management	03	102	00	102	22	00	22	124	00	124
Integrated Nutrient management	01	26	02	28	03	03	06	31	05	36
Gender mainstreaming through SHGs	01	04	01	05	01	01	02	05	02	07
Women and Child care	01	08	01	09	01	00	01	09	01	10
Low cost and nutrient efficient diet designing	01	08	00	08	01	00	01	09	00	09
Group Dynamics and farmers organization	02	25	07	32	05	02	07	30	09	39
Capacity building for ICT application	02	50	10	60	05	05	10	55	15	70
Management in farm animals										
Livestock feed and fodder production	01	21	02	23	04	02	06	25	04	29
Household food security										
Disease Management	01	14	02	16	03	01	04	17	03	20
Nutriontal Gardening	02	02	28	30	01	19	20	03	47	50
Value Addition	01	00	15	15	00	07	07	00	22	22
Drudgery Reduction Tech ology	01	00	17	17	00	06	06	00	23	23
Mushroom Production	01	17	07	24	06	01	07	23	08	31
Total	**18**	**277**	**92**	**369**	**52**	**47**	**99**	**331**	**139**	**470**

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
Integrated Pest Management	01	40	0	40	05	00	05	45	00	45
Group Dynamics and farmers organization	02	25	07	32	05	02	07	30	09	39
Capacity building for ICT application	02	50	10	60	05	05	10	55	15	70
TOTAL	**05**	**115**	**17**	**132**	**15**	**7**	**22**	**130**	**24**	**154**

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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
Integrated Nutrient management	01	26	02	28	03	03	06	31	05	34
Gender mainstreaming through SHGs	01	04	01	05	01	01	02	05	02	07
Women and Child care	01	08	01	09	01	00	01	09	01	10
Low cost and nutrient efficient diet designing	01	08	00	08	01	00	01	09	01	09
Livestock feed and fodder production	01	21	02	23	04	02	06	25	04	29
Disease Management	01	14	02	16	03	01	04	17	03	20
Nutriontal Gardening	02	02	28	30	01	19	20	03	47	50
Value Addition	00	00	00	00	00	00	00	00	00	00
Drudgery Reduction Tech ology	01	00	17	17	00	06	06	00	23	23
Mushroom Production	01	17	07	24	06	01	07	23	08	31
TOTAL	**10**	**100**	**60**	**160**	**20**	**33**	**53**	**122**	**94**	**216**

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	02	112	13	125	23	03	26			

production and productivity of crops										
Methods of protective cultivation	01	21	01	22	03	-	03	24	01	25
Total	**03**	**133**	**14**	**147**	**26**	**3**	**29**	**159**	**17**	**176**
Post harvest technology and value addition										
Processing and value addition	08	110	55	165	25	20	40	135	75	210
Others (pl. specify)										
Total	**08**	**110**	**55**	**165**	**25**	**20**	**40**	**135**	**75**	**210**
Farm machinery										
Livestock and fisheries										
Livestock production and management	01	--	--	--	--	08	08	--	08	08
Animal Disease Management	06	53	22	75	202	153	355	255	175	430
Total	**07**	**53**	**22**	**75**	**202**	**161**	**363**	**255**	**183**	**438**
Home Science										
Household nutritional security	01	--	21	21	--	04	04	--	25	25
Drudgery reduction of women	01	--	19	19	--	06	06	--	25	25
Mushroom Production	02	33	03	36	08	01	09	41	04	45
Total	**04**	**33**	**43**	**76**	**8**	**11**	**19**	**41**	**54**	**95**
Agricultural Extension										
CapacityBuilding and Group Dynamics	16	510	210	720	50	20	70	560	230	790
Total	**16**	**510**	**210**	**720**	**50**	**20**	**70**	**560**	**230**	**790**
GRAND TOTAL	**38**	**839**	**344**	**1183**	**311**	**215**	**521**	**1150**	**559**	**1709**

Details of vocational training programmes carried out by KVKs for rural youth

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	01	20	04	24	04	02	06	24	06	30
Commercial vegetable production	02	43	08	51	07	03	10	50	11	61
Total	**03**	**63**	**12**	**75**	**11**	**05**	**16**	**74**	**17**	**91**
Post harvest technology and value addition										
Value addition	08	110	55	165	25	20	40	135	75	210
Total	**08**	**110**	**55**	**165**	**25**	**20**	**40**	**135**	**75**	**210**
Livestock and fisheries										
Dairy farming	08	102	39	141	64	19	83	166	58	224
Poultry farming	08	158	05	163	49	11	60	207	16	223
Total										
Income generation activities										
Mushroom cultivation	08	101	52	153	21	14	35	122	66	188
Total	**08**	**101**	**52**	**153**	**21**	**14**	**35**	**122**	**66**	**188**
Grand Total	**35**	**534**	**163**	**697**	**170**	**69**	**234**	**704**	**232**	**936**

3.5. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services (Other than KMAS)	728	23120	25	
Diagnostic visits	187	2700	162	
Field Day	04	370	7	
Group discussions	05	342	3	
KisanGhosthi	00	00	00	
Film Show	00	00	00	
Self -help groups	00	00	00	
KisanMela	04	1475	17	
Exhibition	05	35170	29	
Scientists' visit to farmers field	37	527	12	
Plant/animal health camps	3	410	32	
Farm Science Club	0	0	0	
Ex-trainees Sammelan	2	1160	13	
Farmers' seminar/workshop	0	0	0	
Method Demonstrations	22	720	9	
Celebration of important days	06	686	30	
Exposure visits	01	119	03	
Total				

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

Details of other extension programmes:

Particulars	Number
Electronic Media (CD./DVD)	02
Extension Literature	09
Newspaper coverage	210
Popular articles	19
Radio Talks	00
TV Talks	14
Animal health camps (Number of animals treated)	00
Social Media (No. of platforms Used)	04
Total	

3.6 Online activities during year 2022

S. No.	Activity Type	Mode of implementation (Video conferencing / Audio Conferencing / Facebook Live / YouTube Live/ Zoom/ Google meet/ Webex etc.)	Title of Program	No. of Programmes	No. of Participants/ Views
A	Farmers training				
1		Video conferencing	Integrated Nutrient Management in Pigeon pea crop	01	77

	Total			01	77
1	Meeting	Zoom	Commissioner of Agril & Director of Agril on CROPSAP	01	132
	Total			01	132
	Grand Total (A+B+C+D+E)			**02**	**209**

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	KDS-753		413.28		13
		KDS-726		344.59		14
		Suvernasoya		6.50		02
Pulses		P. Rajeshwari		1.78		01
		BDN-716		18.80		07
Total				**784.95**		**37**

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
Vegetable seedlings	Drumstick	PKM1		38	570	8
Fruits	K.lime	Saisarbati		635	22252	19
	Custard apple	Balanagar		413	14455	11
	Mango	Kesher		186	14880	14
		Dasheri		52	4160	9
		Ratna		12	960	3
Ornamental plants	Palm	Areka Royal ,		15	10500	5
Total				**1351**	**67777**	**69**

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity Kg/Lit	Value (Rs.)	No. of Farmers
Bio Fertilizers	Rhizobium	1064.25	393772.5	
	Azatobactor	1141	422170	
	PSB	2051	758870	
	KSB	552.3	204351	
	Consortium	5482	2302440	
	Decomposer	450	22500	
Bio-pesticide	Sadhana Neem 1500 ppm	1166	641300	
	Sadhana Neem 10000 ppm	343.5	515250	
Bio-fungicide	Sadhana Tricho	25230	2523000	
Total		**37480.05**	**7783654**	

Production of livestock materials

Particulars of Live stock	Name of the animal / bird / aquatics	Name of the breed	Type of Produce	unit (no./ lit/kg)	Quantity	Value (Rs.)	No. of Farmers
Dairy animals							
Cows		Jercy	Milk	Lit	900	36000	15
Buffaloes		Murha	Milk	Lit	21000	945000	35
Calves		Jercy	No.	No.	01	3000	00
Manure		FYM	FYM	Tonn	160	240000	12
Total					**22061**	**1224000**	**62**

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	Weather based agro met advisories to enhancing the crop production and income of the farmers in Amravati district.	Dr. Sachin Mundhe Dr. Vishakha Pohare Dr. K. P. Singh	01
	Farmer's response about the block level agro –met advisory bulletin under district agro met unit (DAMU) using ICT tools and communication media, Amravati district of Maharashtra	Dr. Sachin Mundhe Dr. Vishakha Pohare Dr. K. P. Singh	01
Technical reports	CFLD Report, Monthly Report, Quarterly Progress Report& All University and State Department		15
News letters			
Technical bulletins			
Popular articles	Importance of Meghdoot & Damini APP for awareness among the farming community	Dr. Sachin Mundhe Dr. Vishakha Pohare	4
Extension literature	Thandichya kala kara phal pikanche vyavasthapan	Dr. Sachin Mundhe Dr. Vishakha Pohare Dr. K. P. Singh	06
	Watawarantil badalamule pikanwaril kid o rog vyavasthapan	Dr. Sachin Mundhe Dr. Vishakha Pohare Dr. K. P. Singh	
TOTAL			

C. Details of Electronic Media Produced

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

D. Details of Social Media Platforms Created / Used

S. No.	Type of social media platform	No of events (uploaded video/post/story etc.	Title of social media	Number of Followers/ Subscribers
1	YouTube Channel (no of video uploaded)	**22**	**KVK Durgapur/DAMU**	
2	Facebook page/ Account (no of Post)	**04**	**KVK Durgapur**	
3	Mobile Apps	**00**		
4	WhatsApp groups	**275**		
5	Twitter Account	**01**	**KVK Durgapur**	
6	Any other (Pl. Specify)			

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

KRISHI VIGYAN KENDRA, DURGAPUR (BADNERA), AMRAVATI

Sr.No.	Particulars	Details
1	NameofFarmer	Mr. Mukund Tukaram Kolamkar
2	Village,Tq&District	Umri Itbarpur Tq: Daryapur Dist Amravati
3	DateofBirth&Age	26/05/1984&38
4	Education	BA
5	MobileNo	9370955939
6	Land holding	2.00 ha
7	SubsidiaryOccupation	Doing additional 7 ha land on rent basis
8	NotableWorkinagriculture	**Irrigation with the help of Drip irrigation system in Saline Tract** **Fruit plantation on all the borders of field** **Host farmer for the training** **Early adoption of new technology** **Promoter of zero tillage cultivation** **Water melon production on mulching**
9	ListofAwards	1. Rajyastariya Pik Spardha puraskar 2020-21 for highest production of Chick Pea 2. Syngenta best innovative farmer award
10	InvolvementinToTactivities	Create Awareness among the farm women's regarding

		adoption of new technology. As a Host farmer for farmers training, it is very much helpful for ToT in easy way
11	AnnualTurnover	10-12 Lakh
12	Employmentgeneration	30 man days work for 2 women per month
13	AnyOther relevantInformation	**Getting Training From Krishi Vigyan Kendra Durgapur of INM, IPM and Fruit cultivation KVK CFLDs demonstration conducted on the field of Umri Itbarpur**

Watermelon plantation on mulching

Shetmauli Raswanti Additional Enterprises


syngenta

सन्मानपत्र

सन २०२१-२०२२

मा. श्री. मुकुंद तुकारामजी कोळमकर

गाव : विहीगाव

आपण खरीप २०२१ पीक हंगामात सिंजेन्टा इंडिया प्रा. लिमिटेड, च्या पीक संरक्षण कार्यक्रमाचा अवलंब करुन दर्जेदार व अधिक उत्पादन प्राप्त केले आहे. तसेच या कार्यक्रमाची माहिती आपल्या जवळील शेतकरी बांधवांना देऊन त्यांना दर्जेदार व अधिक उत्पादन घेण्यासाठी प्रोत्साहित करित आहात.

आपल्या या सहभागासाठी आणि उत्कृष्ट सहकार्याबद्दल आम्ही हे सन्मानपत्र देऊन आपणास सन्मानीत करीत आहोत.

शैलेश इंदुलकर (विभागीय प्रबंधक)

विनोद ठाकरे (विभागीय विपणन प्रबंधक)

उज्ज्वल काकड (व्यवसाय प्रबंधक)


कृषि विभाग

सन्मानपत्र

रब्बी हंगाम 2020-21

राज्यस्तरीय पिक स्पर्धा विजेते

श्री./श्रीमती मुकुंद तुकाराम कोळमकर

गाव - उमरी इत. तालुका - दर्यापुर जिल्हा - अमरावती

पिक - तरभरा

हेक्टरी ३३ कि. ०० किलो

एवढे उच्चांकी उत्पादन घेऊन सर्वसाधारण/आदिवासी गटात

तालुकास्तर क्रमांक २

मिळविल्याबद्दल हे प्रशस्तीपत्र देऊन आपला सन्मान करण्यात येत आहे.

ठिकाण :

दिनांक : १ जुलै २०२१

जिल्हा अधिक्षक कृषी अधिकारी
अमरावती

KRISHI VIGYAN KENDRA, DURGAPUR (BADNERA), AMRAVATI

Sr.No.	Particulars	Details
1	NameofFarmer	Mr. Sachin Devidasrao Wankhade
2	Village,Tq&District	Village: Adgaon Tq: Morshi Dist: Amravati
3	DateofBirth&Age	13/06/1985 & 37
4	Education	BA ATD & Animation Film making
5	MobileNo	8104167287
6	Land holding	7 ha
7	SubsidiaryOccupation	Farming and Moringa Processing
8	NotableWorkinagriculture	**Successful Moringa Processing Entrepreneur Developed organic farm**
9	ListofAwards	
10	InvolvementinToTactivities	Giving Training to the farmers for organic farming and moringa cultivation.
11	AnnualTurnover	02-04 Lakh
12	Employmentgeneration	Giving employment to 3-4 peoples
13	Any Other relevant Information	**Technical guidance From Krishi Vigyan Kendra Durgapur**

KRISHI VIGYAN KENDRA, DURGAPUR (BADNERA), AMRAVATI

Sr.No.	Particulars	Details
1	NameofFarmer	Mrs. Kiran Vasudevrao Lohakare
2	Village,Tq&District	Village: Loni Tq: Nandgaon Kh. Dist: Amravati
3	DateofBirth&Age	17/04/1975 & 47
4	Education	BA
5	MobileNo	9158966463
6	Land holding	1.5 ha
7	SubsidiaryOccupation	Farming, Khandu chkka oil and powder processing Masala udyog and dehydration of vegetables
8	NotableWorkinagriculture	**Developed Khandu chakka oil and powder**
9	ListofAwards	1. Innovation Award Taluka Level 2. Innovation Award District Level Hirkani Award 3. ITC Mission – Sunhara Kal by BIAF
10	InvolvementinToTactivities	Giving Training to the farmers for Jivamrut, Dashaparni Ark and other organic inputs
11	AnnualTurnover	1-2 Lakh
12	Employmentgeneration	Giving employment to 5-6 womens
13	AnyOther relevantInformation	**Technical guidance From Krishi Vigyan Kendra Durgapur**

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

a)
b)
c)

B. Rural Youth

a)
b)
c)
d)

C. In-service personnel

a)
b)
c)

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
v) Others if any

For FLD:

i) New variety/technology
ii) Poor yield at farmers level
iii) Existing cropping system
iv) Others if any

5.3. Field activities

i. Name of villages identified/adopted with block name (from which year) –Daryapur, Bhatkuli, Morshi, Amravati, NandgaonKh., Anjangaon Surji

ii. No. of farm families selected per village : 100 adopted, 100 Non adopted

iii. No. of survey/PRA conducted :03

iv. No. of technologies taken to the adopted villages-07

v. Name of the technologies found suitable by the farmers of the adopted villages:

1. Seed Production, 2. FPOs, 3. Use of Bioagents, 4.Natural Seed Production,5. INM, 6. Soil Test Based Fertiliser Management, 7. Lumpy disease & its Management

vi. Impact (production, income, employment, area/technological– horizontal/vertical)-

vii. Constraints if any in the continued application of these improved technologies

6. LINKAGES

A. Functional linkage with different organizations

Name of organization	Nature of linkage
Dr. P.D.K.V., Akola	Joint Implementation of FLD, Participation in meeting,
S.G.B. Amravati University	Training & Technical Guidance
District Rural Development Agency.	Joint Implementation of Soil moisture conservation technique, Women SHG Agro based trainings
State Department of Agriculture	Joint implementation of training programme, demonstration and database information.
M.C.A.E.R., Pune	FSN Project
Regional Bio fertilizer Development Centre, Nagpur	Technical guidance, demonstration of bio fertilizers.
C.I.C.R. Nagpur	Technical guidance.
N.R.C.C. Nagpur	Technical guidance

I.I.P.R., Kanpur	Seed Hub (Seed Processing Plant)
Y.C.M.O.U., Nashik	Agriculture study centre at KVK, Joint implementation.
ATMA, Amravati	Joint implementation of projects.
RRC, Amravati	Technical Collaboration
Department of Biotechnology, New Delhi	DBT Project, Mushroom Project
RAMETI, Amravati	Technical training
Municipal Corporation, Amravati	Dissemination of technology for the control of Pyrthemium spp.
National Bank for Agriculture & Rural Development (NABARD)	Group formation at village level
Vidyabharati College of Pharmacy, Amravati	Food testing lab technical guidance
State Government department of Animal husbandry	Training
Maharashtra Animal and fishery science University, Nagpur	Demonstration and technical guidance
Nagpur veterinary college, Nagpur	Demonstration and technical guidance
Maharashtra shedi Vikas Mahamandal , Pohara	Technical guidance
National Horticulture Mission	Technical & Financial Assistance
Rashtriya Krishi Vikas Yojna	Financial Assistance
MANAGE, Hyderabad	Technical & Financial assistance
CRIDA, NICRA	Climate Resilient in Agriculture Action Research
I& B, Ministry of Agriculture through ATMA	Community Radio Station
NIPHM, Hyderabad	Technical Guidance for Biofertiliser & Biopesticide residue
National Skill Development Corporation	Financial Assistant
NCIPM, New Delhi	Technical guidance for pest surveillance & pest management
IMD, Pune	DAMU Project
UMED - MSRLM	Product Development & Training
MCED	Training
MCDC	Training
MAVIM	Training

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

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

Name of the scheme	Date/ Month of initiation	Funding agency(State Govt./Other Agencies)	Amount (Rs.)
PMFME	**June2022**	**State Govt.**	**750156**
MCED	**August-2022**	**Other Agency**	
ATMA, Amravati	**Oct. 2022**	**Stet Govt.**	**1650000**
Cropsap	**Nov. 22**	**State Govt.**	**147000**

C. Details of linkage with ATMA

a) Is ATMA implemented in your district Yes/No

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

Coordination activities between KVK and ATMA

S. No.	Programme	Particulars	No. of programmes attended by KVK staff	No. of programmes Organized by KVK	No of Farmers attending
04	**Demonstrations**	**Pesticide Spraying Demonstration**	**01**	**01**	**230**

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

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

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

H. Details of linkage with NFSM

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

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

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

7. Convergence with other agencies and departments:

8. Innovative Farmers Meet

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

9. Farmers Field School (FFS)

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

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

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

11. Technology Week celebration during2022:Yes/No, If Yes

Period of observing Technology Week: From05.09.2022 to 11.09.2022
Online / Offline:Offline
Total number of farmers visited :1720
Total number of agencies involved : 03
Number of demonstrations visited by the farmers within KVK campus: 10

Other Details

Types of Activities	No. of Activities	Number of Farmers	Related crop/livestock technology
Gosthies	01	32	Nutrigarden
Lectures organized	13	536	Millet, natural Farming, Seed Production Programme
Exhibition	01	832	
Film show	00	00	
Fair	00	00	
Farm Visit	07	1720	Field Demonstrations
Diagnostic Practical's	01	230	Pesticide Spraying Awareness Campaign
Supply of Literature (No.)	06	1720	Mushroom, Soil Testing, Biofertilisers, Food Processing, Crops
Supply of Seed (q)	00	00	
Supply of Planting materials (No.)	03	127	Mango, Custard Apple, Jamun, Drum Stick, Lemon
Bio Product supply (Kg)	00	00	
Bio Fertilizers (q)	04	1650	Azatobactor, PSB, Trichoderma, Baeveria,
Supply of fingerlings	00	00	
Supply of Livestock specimen (No.)	00	00	
Total number of farmers visited the technology week		1720	

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

A. Introduction of alternate crops/varieties

State	Crops/cultivars	Area (ha)	Number of beneficiaries

B. Major area coverage under alternate crops/varieties

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

C. Farmers-scientists interaction on livestock management

State	Livestock components	Number of interactions	No.of participants
Total			

D. Animal health camps organized

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

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

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

F. Large scale adoption of resource conservation technologies

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

G. Awareness campaign

State	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers
Total												

13. IMPACT

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Protective Cultivation of Vegetables in Shadenet	20 (20)	16.66	6500	40000
Introduction of Onion Variety Akola Safed	350 (88)	25.14	15000	23600
Introduction of Citrus Special Micronutrient	100(19)	19.00	20100	27000
Use of Growth regulator for control of Fruit Drop	267 (62)	23.22	18700	25000
Intercropping of Black Gram in cotton	150 (25)	16.66		
Limited Irrigation for Wheat Production	70 (18)	25.71		
Vegetable Production of BBF for Mulching	250 (69)	27.06		
Use of BBF for Cotton ill drained soil	400 (131)	32.75		
Production of Mandaring orange planting material in Polyethen Bag	50 (3)	6.00	200000	300000
Orange Proecessing	200	13.5	10	50
Aonla Processing	50	34.00	8	40
Dev Ambadi Processing	33	18.18	200	700
Wheat Processing	20	40.00		40
Dal Making	80	15.00		100
Use of Azola in animal feed	10			
Yashwant a Year round Green Fodder	150 (15)	10.00		
Upgradation of local goats by Usmanabadi	120 (120)	16.66	5600	6000
Giriraj Bird for Backyard Poultry	350 (50)	14.28	400	1000
Green Fodder cultivation by Hydraponic	15 (1)	6.66		
Enrichment of wheat straw by urea treatment	110 (12)	10.90		
Use of Liquid Bio Fertilizer in Chikpea	540 (89)	16.48	24000	26400
Use of *Tricoderma* as a seed treatment for the control of Fusarium in chickpea	600 (108)	18.00	Nil	1800
Use of *Beuveria bassina* for the control of defoliators in soybean	187 (41)	21.92	Nil	2500
Soybean Floor making	410	37.00	--	1200
Soybean Tofu Making	410 (18)	28.00	--	1000
Application of Fertilizer on the Basis of Soil Test based	500	25.50	24000	26500

Application of Micronutrient on basis of Soil Analysis	500	22.00	10000	11200
Seed Production technology for pulses Crop	250	9.00	24000	28800
Farm Bunding	127	12.05	--	2450
Insitu Soil Moisture Conservation	324	18.00	--	6500
Mushroom Cultivation	37	20.00	--	2200

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

B. Cases of large scale adoption
(Please furnish detailed information for each case)

C. Details of impact analysis of KVK activities carried out during the reporting period

1. Pulses Seed Production Technology
2. Awareness& Production of Biofertiliser & Biopesticides
3. Natural Farming
4. Soil test based fertiliser application
5. Market linkage and export Import Policy

14. Kisan Mobile Advisory Services

Month	No. of SMS sent	No. of farmers to which SMS was sent	No. of feedback / query on SMS sent
Jan 2022	10	26700	4
Feb 2022	12	56530	2
March 2022	08	22755	3
April 2022	08	28650	4
May 2022	09	21455	6
Jun 2022	15	38548	12
Jul 2022	26	24586	8
Aug 2022	55	52365	6
Sept 2022	25	38945	7
Oct 2022	08	27536	5
Nov.2022	07	22560	3
Dec.2022	13	36840	4
	196	**397470**	**64**

Name of KVK	Message Type	Type of Messages						
		Crop	**Livestock**	**Weather**	**Marke-ting**	**Aware-ness**	**Other enterprise**	**Total**
KVK, Amravati II	Text only	47	7	86	12	36	8	196
	Voice only	0	0	0	0	0	0	0
	Voice & Text both	47	7	86	12	36	8	196
	Total Messages	**47**	**7**	**86**	**12**	**36**	**8**	**196**
	Total farmers Benefitted	**86540**	**42530**	**197560**	**35620**	**12350**	**22870**	**397470**

15. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Demo	Yea	Are	Details of production	Amount (Rs.)	Remarks

	Unit	r of establishment	a (ha)	Variety	Produce	Qty.	Cost of inputs	Gross income	
01	Button Production	2012		Agaricus bisporus	Button mushroom	7273 kg	809551/-	1011939/-	
02	Fruits & Vegetable Processing Unit	2011			Amla Candy	300 kg	54000/-	76000/-	
					Amla Murabba	30 kg	3000/-	4500/-	
					Amla juice	100 lit	7000/-	9000/-	
					Amla Powder	110 kg	9900/-	16500/-	
					Jamun Powder	50 Kg	500/-	750/-	
					Turmeric Powder	200 kg	12000/-	20000/-	

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									
Wheat	24.11.2022	28.03.2023	2.00	PDKV Sardar WHM1472	Seed	34 qt.	38000	7000	
Pulses									
Chickpea	04.11.2022	18.02.2023	6	PDKV Kanak Phule Vikrant Phule Vikram	Seed	26 Qt	108000	130000	
Pigeonpea	01.07.2022	10.01.2023	0.60	Phule Rajeshwari	Seed	2 Qt	8500	16000	
Oilseeds									
Soybean	01.07.2022	22.10.2022	9.20	KDS-726 KDS-753 Suvarn Soya JS335	Seed	139 Qt	345000	695000	
Fibers									
Cotton	17.06.2022	29.01.2023	0.60	RCH-659 BG-II Le Panga HDP	Cotton	12.55 Qt	32000	95560	
Spices & Plantation crops									
Turmeric	12.06.2022	18.04.2023	0.40	Shelam Pragati	Termeric Powder & Seed	8 qt Dry	35000	56000	
Floriculture									
Marigold	28.06.2022	18.11.2022	0.20	Ladu	Flowers	15 Qt	10000	15700	
Fruits									
Sapota	6.06.2002	10.04.2023	0.50	Cricket Boll	Fruit	15 Qt	30600	90000	
Guava		06.12.2022	0.80	L-49	Fruit	9 Qt	7570	18000	
Vegetables									
Brinjal				Raghini					
Cauliflower				All green					
Spinach	08.11.2022	17.02.2023	0.40	Pusa Deepali	Vegitable	6 Qt	4670	7850	

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

Sl. No.	Bio Products	Name of the Product	Qty (kg/lit)	Amount (Rs.)		Remarks
				Cost of inputs	Gross income	
01	Bio- Fertilizers	Rhizobium	1064.25		393772.5	
		Azatobactor	1141		422170	
		PSB	2051		758870	
		KSB	552.3		204351	
		Consortium	5482		2302440	

		Decomposer	450		22500	
02	Bio- pesticides	Sadhana Neem 1500 ppm	1166		641300	
		Sadhana Neem 10000 ppm	343.5		515250	
03	Bio- Fungicides	Sadhana Tricho	25230		2523000	

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	
01	Cows	Jercy	Milk				

E. Utilization of hostel facilities

Accommodation available (No. of beds):

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
January **2022**	--	--	No Residential Training was organized
February **2022**	--	--	No Residential Training was organized
March **2022**	30	12	
April **2022**	32	30	
May **2022**	32	30	
June **2022**	--	--	No Residential Training was organized
July **2022**	38	30	
August **2022**	30	30	
September **2022**	18	15	
October **2022**	30	15	
November **2022**	35	30	
December **2022**	50	30	

F. Database management

S. No	Database target	Database created
01	**2000**	**1890**

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

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

H. Performance of Nutritional Garden at KVK farm

If Nutritional Garden developed at KVK farm/Village Level? Yes/No

If yes,

Nutritional Garden developed at KVK farm

Area under nutritional garden (ha)	Component of Nutritional Garden	No. of species / plants in nutritional garden	No. of farmers visited
	Vegetable crops		
	Fruit crops		

	Others if any		

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

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

H. Details of Skill Development Trainings organized

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

17. FINANCIAL PERFORMANCE

A. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Branch code	Account Name	Account Number	MICR Number	IFSC Number
With Host Institute	Bank of Baroda	Amravati	DBMIDC	SHRAM SADHANA AMRAVATI	73310100015874	444012106	BARB0DBMIDC
With KVK	Bank of Baroda	Amravati	DBMIDC	Sadhana Krushi Vigyan Kendra	73310100015316	444012106	BARB0DBMIDC

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

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	**Pay & Allowances**	189.41	189.41	188.30499
2	**Traveling allowances**	10.93	10.93	1.66822
3	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)			01.01463
B	POL, repair of vehicles, tractor and Equipments			4.52895
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)			1.52805
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)			0.42180
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)			0.37361
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)			1.22505
G	Training of extension functionaries			0.16850
H	Maintenance of buildings			0.00570
I	Establishment of Soil, Plant & Water Testing Laboratory			0.00
J	Library			0.00
TOTAL (A)		**200.34**	**200.34**	**199.23950**
B. Non-Recurring Contingencies				
1	**Works**	0	0	0
2	**Equipments including SWTL & Furniture**	0	0	0
3	**Vehicle** (Four wheeler/Two wheeler, please specify)	0	0	0
4	**Library** (Purchase of assets like books & journals)	0	0	0
TOTAL (B)		0	0	0
C. REVOLVING FUND		0	0	0
GRAND TOTAL (A+B+C)		**200.34**	**200.34**	**199.23950**

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year
April 2018 to March 2019	118.39	243.95	193.70	168.64
April 2019 to March 2020	168.64	194.34	227.80	135.18
April 2020 to March2021	135.18	117.57	176.55	76.20
April 2021 to March, 2022	76.20	176.33	193.66	58.87
April 2022 to March 2023	58.87	200.83	119.17	140.53

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

Name of the staff	Designation	Title of the training programme	Institute where attended	Mode (Online/Offline)	Dates

18. Details of progress in Doubling Farmers Income (DFI) villages adopted by KVKs

Name of the village	Total No. of families surveyed	Key interventions implemented	No. of farmers covered in each intervention	Change in income (Rs/unit)	
				Before (base year)	After (current year)

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

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

20. Details of Progress of ARYA Project

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

21. Details of SAP

S. No.	*Types of major Activity conducted- SwachhtaPakhwada, Cleaning, Awareness Workshop, Microbial based Agricultural Waste Management by Vermicomposting etc.*	No. of Programmes conducted	No. of Participants
01	Awareness programme on vermicomposting, decomposting of agricultural wastes and cleaning awareness	09	56

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

21. Books published 2022-23

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

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

APR SUMMARY

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

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	118	3936	1101	5037
Rural youths	47	847	555	1402
Extension functionaries	10	122	94	216
Sponsored Training	38	1150	559	1709
Vocational Training	35	704	232	936
Total	248	6759	2541	9300

2. Frontline demonstrations

Crops/Enterprise	No. ofFarmers	Area(ha)	Units/Animals
Oilseeds	0	0	0
Pulses	20	08	
Cereals	0	0	
Vegetables	10	2	
Other crops	30	10	
Hybrid crops			
Total	60	20	
Livestock & Fisheries			
Other enterprises	10		10
Total			
Grand Total			

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	07	49	49
Livestock			
Various enterprises			
Total			
Technology Refined			
Crops			
Livestock			
Various enterprises			
Total			
Grand Total	07	49	49

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	27	47812
Other extension activities	254	
Total	281	47812

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Awar e-ness	Other enterprise	Total
KVK, Amravati II	Text only	47	7	86	12	36	8	196
	Voice only	0	0	0	0	0	0	0
	Voice & Text both	47	7	86	12	36	8	196
	Total Messages	**47**	**7**	**86**	**12**	**36**	**8**	**196**
	Total farmers Benefitted	**86540**	**42530**	**197560**	**35620**	**12350**	**22870**	**397470**

6. Seed & Planting Material Production

	Quintal/Number	Value (Rs.)
Seed (q)	784.95	
Planting material (No.)	1313	67777
Bio-Products (kg)	37480	7783654
Livestock Production (No.)		
Fishery production (No.)		

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value (Rs.)
Soil-3066	3000	766500
Water-164	150	32800
Plant-60	60	130000
Total	**3210**	**923300**

8. HRD and Publications

Sr. No.	Category	Number
1	Abstract	**0**
2	Workshops	0
3	Conferences	0
4	Meetings	5
5	Trainings for KVK officials	4
6	Visits of KVK officials	0
7	Book published	0
8	Training Manual	0
9	Book chapters	0
10	Booklet	0
11	Leaflets/ Folder/ Pamphlet	17
12	Research papers	03
13	Technical Bulletin	0
14	Popular article	210
15	Lead papers	0
16	Seminar papers	0
17	Extension folder	0
18	Proceedings	0
19	Award & recognition	0
20	On-going research projects	0
21	Other	