

PROFORMA FOR PREPARATION OF ANNUAL REPORT FOR KVK

Period of Report: January 2025 to December 2025 FINAL

APR-2025 SUMMARY

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

Name of KVK Mahasamund

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	37	716	287	1003
Rural youths	2	14	6	20
Extension functionaries	2	26	0	26
Sponsored Training	0	0	0	0
Vocational Training	0	0	0	0
Total				

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds			
Pulses	24	9.6	
Cereals	12	4.8	
Vegetables	15	1.2	
Other crops	10	0.8	
Hybrid crops			
Total	61	16.4	
Livestock & Fisheries			
Other enterprises	12	4.8	
Total	12	4.8	
Grand Total	24	9.6	

3. Technology Assessment

Category	No. of Technology Assessed	No. of Trials	No. of Farmers
Crops	11	23	55
Livestock			
Various enterprises			
Total	11	23	55
Grand Total			

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	12	312
Other extension activities		
Total		

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						Total
		Crop	Livestock	Weather	Marketing	Awareness	Other enterprise	
Mahasamund	Text only	48	6	16	0	6	2	78
	Voice only							
	Voice & Text both							
	Total Messages	48	6	16	0	6	2	78

	Total farmers Benefitted							10699
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6. Seed & Planting Material Production

	Quintal/Number	Value Rs.	Distributed to No. of farmers
Seed (q)	7.46	95847.00	118
Planting material (No.)	26200	30440.00	8
Bio-Products (kg)			
Livestock Production (No.)	10678	181053.00	81
Fishery production (No.)	0	0	0

7. Soil, water & plant Analysis

Type of Samples	No. of samples analysed	No. of farmers	Realised Total Value Rs.
Soil	274	274	
Water			
Plant			
Manure			
Others			
Total			

8. Publications, HRD & others

Category	Particulars	Number	No. of participants
Publications	Book published		
	Bulletins	2	
	Newsletters		
	Training Manual		
	Book chapters	4	mass
	Research papers	8	
	Lead papers		
	Seminar papers	2	mass
	Popular Articles		
	Extension folder		
	Proceedings		
	Total Publications	16	
Meetings/Workshop/Visits etc	Workshops	01	
	Conferences		
	Meetings	3	
	Total	04	
HRD	No. of Trainings for KVK officials		
Award & recognition	No. of Awards received by KVK	03	

9. Achievements of Flagship Programmes:

Sr. No.	Name of Programme	Activities	Quantity/ Number	Period/ Area Covered (ha)	No. of Farmers benefitted	Revenue generated (Rs)
1	NICRA	FLDs	17	34.8	43	-
		Training Programmes	12	-	288	-
		Extension Activities	4	-	134	-
		Custom Hiring Centre	1	7.2	18	0
		VC RMC	1	-	10	-
2	ARYA	Training Programmes		-		
		No. of enterprises being promoted				
		No. of Entrepreneurial Units established		-	-	
3	IFS (on farmers field)	IFS Units established			-	
		Demonstrations done				
		Training Programmes				
4	TSP/KSHAMTA	FLDs				
		Training Programmes				
		OFT				
		Mobile Agro Advisories		-		
		Extension Activities		-		
		Seed Production (q)				
		Planting Material Prod		-		
		Livestock Production				
		Fingerlings Production				
		Soil Testing		-		
5	SCSP	FLDs				
		Training Programmes				
		OFT				
		Mobile Agro Advisories				
		Extension Activities				
		Seed Production (q)				
		Planting Material Prod				
		Livestock Production				
		Fingerlings Production				
		Soil Testing				
6	CRM	Awareness programme (IEC activities)		-		
		Training programmes		-		
		Demonstrations				
		Kisan melas		-		
		Other activities (posters, banners, paintings etc)		-	-	
		Publicity material leaflets/ pamphlets etc distributed		-	-	
		Awareness through TV & Radio		-	-	
		Exposure visit		-		

Sr. No.	Name of Programme	Activities	Quantity/ Number	Period/ Area Covered (ha)	No. of Farmers benefitted	Revenue generated (Rs)
		Field days		-		
		Advertisement published in Print media		-	-	
7	DAMU	Agro. Advisory services		-	-	
		Awareness camp				
		Training programmes				
		Bulletins Published				
		Articles Published				
		WhatsApp messages sent				
		Field visits conducted				
8	Pulses Seed Hub	Green gram (q)				
		Black gram (q)				
		Chickpea (q)				
		Field pea (q)				
		Lentil (q)				
		Pigeonpea (q)				
		Other (specify)				
9	ASCI	Name of Training programmes (200 hour duration) & period when conducted		-		
		1.				
		2.				
		3.				
10	Aspirational Districts Scheme	Training programmes for farmers		-		
		Training programmes for Staff		-		
11	NARI	Training Programmes		-		
		Extension Activities		-		
		Nutritional Garden units established				
		Bio-fortified crops demonstrated				
		Value addition		-		
		Work on Hunger Free Villages initiated				
12	Natural farming	Training programmes		-		
		No. of awareness		-		
		Demonstrations at farm				
		No. of farmers visited demonstration plots				
13	CSISA project	Wheat sowing by zero-tillage				
		DSR/machine transplanter of paddy				
		Paddy sowing time				
		Wheat sowing time				
14	MGMG	Groups or team formed				

Sr. No.	Name of Programme	Activities	Quantity/ Number	Period/ Area Covered (ha)	No. of Farmers benefitted	Revenue generated (Rs)
		Scientists involved				
		Village's covered				
		Field activities conducted				
		Messages /Advisory sent				
16	Rainwater Harvesting Structures	Structure established at farmers fields				
		Demonstrations conducted				
		Training Programmes organised	1	-	22	-
		Visits of farmers to such sites				
		Visits of officials to such sites				
17	Swachha Bharat Abhiyaan	Programmes organised		-		
18	Agri Drone Demonstration	No. of Drones purchased	1	-	-	
		Demonstrations conducted	10	-	10	-
19	CFLD	CFLD on Pulses	0			
		CFLD on Oilseeds	2	40	100	
		CFLD on Bio- fortified				

10. Status of Revolving fund (As on 31st December, 2025):

- Last status (as on end of financial year, 2025) : Rs.1147455.
- Current status (as on end of financial year, 2025) : Rs.1062697.

DETAIL REPORT OF APR-(January 2025 to December 2025)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	kvk.mahasamund@igkv.ac.in
KVK Mahasamund, Bhalesar, Mahasamund			

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

Address	Telephone		E mail
	Office	FAX	patovc@igkv.ac.in
Indira Gandhi Krishi Vishwavidyalaya Raipur Chhattisgarh			

1.3. Name of the SS&H/Incharge with phone & mobile No

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. R. L. Sharma	Mahasamund	9424282585	kvk.mahasamund@igkv.ac.in

1.4. Year of sanction: 2004

1.5. Staff Position (as on 31st December, 2025)

Sanctioned post	Name of the incumbent	Designation	Subject	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Category (SC/ST/OBC/ Others)	Mobile no.	Email id
SS&H	Dr. Ram Lakshman Verma	Senior Scientist & Head	Horticulture	131400-217100, 161600	182700	07.07.2025	Gen	9424282585	Sharmadrr15@gmail.com
Subject Matter Specialist	Dr. Saket Dubey	SMS	Horticulture	56100-177500, 73200	85200	07.04.2015	Gen	8817551202	saketdubey_horti@rediffmail.c
Subject Matter Specialist	Dr. Kunal Chandrakar	SMS	Soil Science	56100-177500,65000	80300	10.08.15	OBC	9754377591	kunal1586@gmail.com
Subject Matter Specialist	Er. Ravish Keshri	SMS	Soil & Water Engineering	56100-177500,65000	80300	20.10.14	Gen	9425373479	ravishkeshri@gmail.com
Subject Matter Specialist	Dr. Shilpa Lakra	SMS	Agri Extension	56100-177500,56100	56100	03.02.2026	ST	8319278131	Shilpalakra1010@gmail.com
Subject Matter Specialist	Dr. Mukhesh Pandey	SMS	Agronomy	56100-177500,56100	56100	03.02.2026	Gen	7974063876	drmukeshkumarpandey@gmail
Subject Matter Specialist	Dr. Samrath Baghel	SMS	Genetics & Plant Breeding	56100-177500,56100	56100	04.02.26	Gen	9131608892	Samrath0402@gmail.com
Programme Assistant	Dr. S. M. Ali Humayun	PA (Ento)	Entomology	35400-112400, 44900	51600	27.10.14	Gen	9827909069	humayun27@ymail.com
Computer Programmer	Dr. Punitha Kartikeyan	PA (Comp)	Computer Science	35400-112400, 47600	54700	29.07.13	Gen	9424231673	punitakartikeyan@gmail.com
Farm Manager	Mr. Kamal Lodhi	FM	Agronomy	35400-112400, 35400	42300	31.10.19	OBC	7000084941	kamallodhi1610@gmail.com
Accountant / Superintendent	Vacant	AG-1	-	-	-	-		-	-
Stenographer	Shri Devlal	AG-II	-	23350	23350	18.06.2024		8889383249	devlalsahu8@gmail.com

	Sahu								
Driver	Vacant	Driver	-	-	-	-	-	-	-
Driver	Vacant	Messenger	-	-	-	-	-	-	-
Supporting staff	Shri Rohit Bandhe	Driver	-	18000	18000	15.03.24	9981310100	Shri Rohit Bandhe	rohitbandhe64@gmail.com
Supporting staff	Shri Omakr Sahu	Watchman	-	14400	14400	08.07.2024	8966852407	Shri Omakr Sahu	kvkmahasamund@gmail.com

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1.	Under Buildings	1 ha
2.	Under Demonstration Units	2 ha
3.	Under Crops	8 ha
4.	Orchard/Agro-forestry	7 ha
5.	Roads and other unused area	
6.	Others (specify)	2 ha

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	-	-	-	-	-	-
2.	Farmers Hostel	ICAR	-	-	-	-	-	-
3.	Staff Quarters (6)	-	-	-	-	-	-	-
4.	Demonstration Units (2)	DMFT(quail unit), DMFT (Mushroom unit)	-	-	-	-	-	-
5	Fencing	RKVY, IGKV	-	-	-	-	-	-
6	Rain Water harvesting system	ICAR	-	-	-	-	-	-
7	Threshing floor	-	-	-	-	-	-	-
8	Farm godown	RKVY	-	-	-	-	-	-

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor 1	2005	382607	69195 (09.07.15)	Write off on 09.7.15
Tractor 2	2023	727634		working
Motor Cycle	2005	41998.81	57014	working
Bolero(Jeep)	2018	774890	136963	working
Other (Marshal)	2005	Write off		Write off

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Projector	2021	52816	working
Xerox Machine	2016	75915	working
Generator	Write off		
Video Camera	-		
Computer, Laser Printer			
UPS 600 VA	-		
Stabilizer 2 KVA	-		
Stabilizer	2021	3700	working
Inverter 600 VA (2)	-		
Inverter Battery (2)	-		

1.8. A). Details SAC meeting* conducted in the year 2025

Sl.No.	Date	Number of of Participants	Salient Recommendations	Action taken
1.	24.06.2025	32	1. 2. ... 3.	
2.				

Note : This yellow mark may be treated as an example

** Attach a copy of SAC proceedings along with list of participants*

2. DETAILS OF DISTRICT (31st December, 2025)

2.1 Major farming systems/enterprises (based on the PRA done by the KVK)

S. No.	Farming system/enterprise	Description
1	AES – 1(Mahasamund & Bagbahra block)	Rainfall, mm - 1434 Soil type - Loamy Topography -Gentle slope Farming system - Agriculture + horticulture, Agriculture + fishery, agriculture + forestry
2	AES – 2 ((Pithora, Basna & Saraipali block)	Rainfall, mm - 900 - 1100 Soil type - Clay loam Topography- Moderate slope Farming system - Agriculture + horticulture, Agriculture + dairy, Agriculture + fishery, agriculture + forestry

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

S. No.	Agro-climatic Zone	Characteristics
1	AES – 1(Mahasamund & Bagbahra block)	Rainfall, mm - 1434 Soil type - Loamy Topography -Gentle slope Farming system - Agriculture + horticulture, Agriculture + fishery, agriculture + forestry
2	AES – 2 ((Pithora, Basna & Saraipali block)	Rainfall, mm - 900 - 1100 Soil type - Clay loam Topography- Moderate slope Farming system - Agriculture + horticulture, Agriculture + dairy, Agriculture + fishery, agriculture + forestry

S. No	Agro-climatic Zone	Agro-ecological situations (AES) based on soil & topography	Characteristics

2.3 Soil type/s

S. No.	Soil type	Characteristics	Area “in ha”
1	Bhata soil (Entisol)	Sandy, light and shallow	58438 (20.95%)
2	Matasi soil (Inceptisol)	Sandy Loam, medium shallow deep	107547 (38.56%)
3	Dorsa soil (Alfisol)	Clay loam, heaver deep	59667 (21.39 %)
4	Kanhar soil (Vertisol)	Clayey heaver deep	53250 (19.09 %)

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

S. No	Crop	Area (ha)	Production (Qt.)	Productivity (Q /ha)
1	Fruits	12491	185357	14.84
2	Vegetables	19217	324.185	16.87
3	Spices	3067	33277	10.85
4	Flowers	1641	24931	15.19
5	Aromatic	32	241	7.53

2.5. Weather data (1st January, 2025 to 31st December, 2025)

Month	Rainfall (mm)	Temperature ° C		Relative Humidity (%)
		Maximum	Minimum ³	

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

Category	Population	Production	Productivity
Cattle			
<i>Crossbred/ Indigenous</i>	3.05 Lakh	71.98 MT.	kg
Buffalo	21813	14.9 MT.	 kg
Sheep			
<i>Crossbred/ Indigenous</i>	15970	0.167 MT wool	 kg
Goats	1.23 L	2.91 MT	 kg
Pigs <i>Crossbred/ Indigenous</i>	1884	--	---
Rabbits	--	--	--
Poultry			
Hens	10.9 L	7.2 Lakh eggs	 eggs/ bird/yr
Turkey and others	--	---	--
Category	Area	Production	Productivity
Fish	--(ha)	...Q/ month	Q/ ha.

2.7 Details of Operational area / Villages (1st January, 2025 to 31st December, 2025)

Sl. No.	Tehsil	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Mahasamund	Mahasamund	Paraswani,	Rice-wheat-Groundnut- chickpea-vegetable	Low yield, rice fallow	Diversification of existing production systems for better profitability. Farm mechanization through improved agricultural implements
2	Mahasamund	Mahasamund	Saradih,	Rice, wheat	Low yield, Crop Residue Management	Diversification of existing production systems for better profitability. Farm mechanization through improved agricultural implements
3	Mahasamund	Mahasamund	Barbaspur,	Rice, wheat	Low yield, Crop Residue Management	Diversification of existing production systems for better profitability. Farm mechanization through improved agricultural implements
4	Mahasamund	Mahasamund	Birkoni,	Rice, Wheat	Low yield, Crop Residue Management	Diversification of existing production systems for better profitability. Farm mechanization through improved agricultural implements
5	Mahasamund	Mahasamund	Achhola	Rice, Wheat	Low yield, Crop Residue Management	Diversification of existing production systems for better profitability. Farm mechanization through improved agricultural implements

2.8 Priority/thrust areas

S. No.	Particulars
1.	Diversification of existing production systems for better profitability.
2.	Farm mechanization through improved agricultural implements
3.	Introduction of community based quality seed and planting material.
4.	Income augmentation of resource poor farm women through small scale backyard enterprise
5.	Reduction of cost of cultivation of existing major crop enterprises through better management practice
6.	To enhance crop productivity and cropping intensity under rainfed and irrigated conditions.
7.	Improve riverbed cultivation through community based.
8.	Entrepreneurship development of rural youths and woman SHG members
9.	Water management using micro irrigation
10.	Soil Test Based Crop Production System
11.	Integrated Nutrient Management
12.	Mal nutrition among preschool children and adolescent girl
13.	Poor income of farm family
14.	Wastage of vegetable in surplus condition

Crop/Enterprise	Thrust area
Rice*	Integrated Nutrient Management*
Rice*	Integrated Pest Management*
Sorghum*	Soil moisture conservation*

* An example for guidance only

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities by KVK during Jan 2025 to December 2025

OFT (Technology Assessment)				FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)			
1				2			
Number of OFTs		Total no. of Trials		Area in ha		Number of Farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
11	11	11	11	11.8	11.8	74	74

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
3					4			
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Farmers	36	37	900	716	12	12	300	312
Rural youth	2	2	20	20				
Extn. Functionaries	2	2	30	26				
Sponsored	0	0	0	0				

Seed Production (Qtl.)			Planting material (Nos.)				
			6				
5			Saplings		Seedlings		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Target	Achievement	Distributed to no. of farmers
7	7.46	118			25000	26200	8

I.A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various **crops** by KVKs (As per the approved Action Plan 2025 only)

Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of farmers
Integrated Nutrient Management	Groundnut	Assessment of Integrated nutrient management in Groundnut (Var.- K-1812, Kadiri Lepakshi)	5	5
Varietal Evaluation	02	02	10	02
Integrated Pest Management				
Integrated Crop Management				
Integrated Disease Management				
Small Scale Income Generation Enterprises				
Weed Management	01	01	05	01
Resource Conservation Technology				
Farm Machineries	Paddy	Agri Drone Technology	5	5
	Groundnut	M B Plough	5	5
	Wheat	Rotavator	5	5
Integrated Farming System				
Seed / Plant production				
Post Harvest Technology / Value addition				
Drudgery Reduction				
Storage Technique				
Others (Pl. specify) Natural Farming	Paddy	Assessment of Natural Farming Based Nutrient Management in Scented Rice (Var.CGDevbhog)	5	5
Others (Pl. specify) Nutrient Management	Paddy	Assessment of revisiting recommended dose of fertilizer in paddy (Var. – MTU-1153)	5	5
	Wheat	Assessment of revisiting recommended dose of fertilizer in wheat (Var. – CG 1029 Kanishka)	5	5
	Mustard	Assessment of sulphur application in mustard (Var.- DRMR-150-35)	5	5
Total			55	55

In case of OFT not conducted, kindly mention the same and also given the reason.

Summary of technologies assessed under **livestock** by KVKs

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Disease Management				
Evaluation of Breeds				
Feed and Fodder management				
Nutrition Management				
Production and Management				
Others (Pl. specify)				
Total				

Summary of technologies assessed under various **enterprises** by KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers

I.B. TECHNOLOGY ASSESSMENT IN DETAIL

(From each KVKs please include the full details of three OFTs on technology assessment and or refinement under the broad thematic areas such as Integrated Crop Management, weed management, pest and disease management, nutrient management, resource conservation, livestock enterprises, Integrated Nutrient Management)

Farm Machineries

Problem definition: Labour problem, time consuming, health hazard

Technology Assessed: Assessment of drone spray technology for cultivation of paddy

KVK, Mahasamund in Chhattisgarh state conducted on-farm trial to assess drone spray technology for cultivation of paddy. Crop performance by using drone spray technology for cultivation of paddy had realized a net return of Rs. 1.24 lakh/ha (5.5 % increase in net return per ha) as compared to the farmers practice with net returns of Rs. 1.18 lakh/ha. Though there is not much difference in yield but it is best technology which saves time and reduces health hazards.

Table: Performance of paddy

Technology Option	No. of trials	Major parameter (as mentioned in the approved action plan 2025)	Results of indicators/ parameter)	Advantage (%) on parameters	Yield (t/ha)	Gross cost	Net Returns (Rs/ha)	B:C ratio
Manual spraying using knapsack sprayer (Farmers Practice) T₁	5	Field capacity, ha/hr	0.12	-	50.48	38568	117920	4.06
Agri Drone spray (Recommended Practice) T₂		Field capacity, ha/hr	1.6	1233	52.58	38568	124430	4.23

Problem definition: Weed infestation and poor drainage and soil structure

Technology Assessed: Assessment of deep ploughing by MB plough in groundnut

KVK, Mahasamund in Chhattisgarh state conducted on-farm trial to assess deep ploughing by MB plough for cultivation of groundnut. Crop performance by using deep ploughing by MB plough in groundnut had realized a net return of Rs. 0.75 lakh/ha (34.3 % increase in net return per ha) as compared to the farmers practice with net returns of Rs. 0.56 lakh/ha.

Table: Performance groundnut

Technology Option	No. of trials	Major parameter (as mentioned in the approved action plan 2025)	Results of indicators/parameter)	Advantage (%) on parameters	Yield (t/ha)	Gross cost	Net Returns (Rs/ha)	B:C ratio
No deep ploughing (Farmers Practice) T₁	5	Field capacity, ha/hr	-	-	13.21	40240	55704	2.38
deep ploughing by MB plough (Recommended Practice) T₂		Field capacity, ha/hr	0.25	-	15.46	37450	74836	2.99

Problem definition: Poor field preparation after two to three field operations

Technology Assessed: Assessment of the Rotavator for field preparation in wheat

KVK, Mahasamund in Chhattisgarh state conducted on-farm trial to assess field preparation in wheat by use of rotavator. Crop performance by using rotavator for field preparation in wheat had realized a net return of Rs. 0.31 lakh/ha (23.1 % increase in net return per ha) as compared to the farmers practice with net returns of Rs. 0.25 lakh/ha.

Table: Performance of wheat

Technology Option	No. of trials	Major parameter (as mentioned in the approved action plan 2025)	Results of indicators/parameter)	Advantage (%) on parameters	Yield (t/ha)	Gross cost	Net Returns (Rs/ha)	B:C ratio
No use of secondary tillage (Farmers Practice) T₁	5	Field capacity, ha/hr	-	-	20.7	28100	25410	1.90
Rotavator (Recommended Practice) T₂		Field capacity, ha/hr	0.42	-	22.5	26765	31298	2.17

NUTRIENT MANAGEMENT

1. Problem definition: Low yield potential due to degrading and poor soil fertility status

Technology Assessed : Natural farming in paddy

KVK, Mahasamund in state- Chhattisgarh conducted on-farm trial to find out appropriate nutrient management practice to enhance the soil fertility and paddy productivity. The **assessed** practice of Seed treatment with Beejamrit + application of Ghanjeevamrit@ 250 kg/ha. + FYM@ 250 kg/ha + foliar spray of Jeevamrit@ 500 ml/ha in 15 days interval after sowing + use of Biopesticides was found to be better B:C ratio.

Table: Assessment of Natural Farming Based Nutrient Management in Scented Rice (Var. CGDevbhog)

Technology Option	No. of trials	Observation (No. of effective tillers /plant)	Observation (No. of panicles/m ²)	Germination (%)	Plant height at flowering stage	Yield (kg./ha)	Increase in Yield (%)	Gross cost (Rs/ha)	Net Return (Rs./ha)	B:C Ratio
Conventional farming Dose (80:58:00) NPK kg/ha T₁	05	9.51	219.23	76	108	3544	--	32042	57724	2.64
Seed treatment with Beejamrit + application of Ghanjeevamrit@ 250 kg/ha. + FYM@ 250 kg/ha + foliar spray of Jeevamrit@ 500 ml/ha in 15 days interval after sowing + use of Biopesticides T₂		6.53	193.16	80	105	3226	-6.53%	26034	51015	2.96

2. Problem definition: Low yield due to imbalance use of fertilizer, Dose (80:58:00) NPK kg/ha

Technology Assessed: Nutrient management in paddy

KVK, Mahasamund in state- Chhattisgarh conducted on-farm trial to find out appropriate nutrient management practice to enhance the paddy productivity. The **assessed** practice of 125% RDF of N, 75% RDF of P, 100% RDF of K (125:45:40) based on STV was found to be better productivity, income and B:C ratio.

Table: Assessment of revisiting of recommended dose of fertilizer in paddy (Var. – MTU-1153)

Technology Option	No. of trials	Observation (No. of effective tillers /plant)	Observation (No. of panicles/m ²)	Germination (%)	Plant height at flowering stage	Yield (kg./ha)	Increase in Yield (%)	Gross cost (Rs/ha)	Net Return (Rs./ha)	B:C Ratio
Low yield due to imbalance use of fertilizer, Dose (80:58:00) NPK kg/ha T1	05	9.28	207.72	75	105	3462	--	35430	47277	2.33
100:60:40 (N:P:K) RDF T2		12.51	238.88	80	112	3874		37535	55014	2.46
125% RDF of N, 75% RDF of P, 100% RDF of K (125:45:40) based on STV T3		13.76	242.64	82	115	4024	16.23%	37180	58953	2.58

3. Problem definition: Low yield due to imbalance use of fertilizer, Dose (75:46:00) NPK kg/ha

Technology Assessed: Nutrient management in wheat

KVK, Mahasamund in state- Chhattisgarh conducted on-farm trial to find out appropriate nutrient management practice to enhance the wheat productivity. The **assessed** practice of 125% RDF of N, 75% RDF of P, 100% RDF of K (125:45:40) based on STV was found to be better productivity, income and B:C ratio.

Table: Assessment of revisiting recommended dose of fertilizer in wheat (Var. – CG 1029 Kanishka)

Technology Option	No. of trials	Observation (No. of effective tillers/m ²)	Observation (No. of grains/spike)	Germination (%)	Plant height at flowering stage	Yield (kg./ha)	Increase in Yield (%)	Gross cost (Rs/ha)	Net Return (Rs./ha)	B:C Ratio
Imbalance use of fertilizer, Dose (75:46:00) NPK kg/ha T1	05	138.81	15.54	76	71	1928	--	24624	25214	2.02
100:60:40 (N:P:K) RDF T2		169.26	19.15	79	78	2357		26582	34346	2.29
125% RDF of N, 75% RDF of P, 100% RDF of K (125:45:40) based on STV T3		181.93	21.11	82	80	2513	30.34%	26219	38742	2.47

4. Problem definition: Low productivity due to imbalance use of fertilizers

Technology Assessed: Nutrient management in Mustard

KVK, Mahasamund in state- Chhattisgarh conducted on-farm trial to find out appropriate nutrient management practice to enhance the mustard productivity. The **assessed** practice was use of (NPK 120:60:40 kg/ha), use of Bentonite Sulphur (90%) as basal dose@ 25 kg/ha, seed treatment with PSB and Azospirillum @ 10 ml / kg of Seed was found to be better yield, net income and B:C ratio.

Table: Assessment of sulphur application in mustard (Var.- DRMR-150-35)

Technology Option	No. of trials	Observation (No. of branch/plant)	Observation (No. of siliqua/plan t)	Germination (%)	Plant height at flowering stage	Yield (kg./ha)	Increase in Yield (%)	Gross cost (Rs/ha)	Net Return (Rs./ha)	B:C Ratio
Conventional farming Dose (80:58:00) NPK kg/ha T1	05	4.23	78.37	79	102	517	--	14810	17244	2.16
Seed treatment with Beejamrit + application of Ghanjeevamrit@ 250 kg/ha. + FYM@ 250 kg/ha + foliar spray of Jeevamrit@ 500 ml/ha in 15 days interval after sowing + use of Biopesticides T2		5.42	110.4	83	107	726	40.42%	17322	27690	2.42

INTEGRATED NUTRIENT MANAGEMENT

5. Problem definition: Lower yield and poor quality production of groundnut

Technology Assessed: Assessment of Integrated nutrient management in Groundnut (Var.- K-1812, Kadiri Lepakshi)

KVK, Mahasamund in state- Chhattisgarh conducted on-farm trial to find out appropriate integrated nutrient management practice to enhance the groundnut productivity. The **assessed** practice was seed treatment with Trichoderma viride @ 4 g/kg seed and Soil treatment with Rhizobium + PSB@ 2kg/ha mix with 25 kg of FYM and 25 kg of soil before sowing. Apply zinc sulphate@ 25 kg/ha as basal. Apply NPK @ 38:45:25 kg/ha was found to be better yield, net income and B:C ratio.

Table Performance of banana to integrated nutrient management

Technology Option	No. of trials	Observation (No. of pod/plant)	Observation (No. of kernel/pod)	Advantage (%) on parameters	Yield (t./ha)	Gross cost (Rs./lit)	Net Returns (Rs./lit)	B:C Ratio
Imbalance use of fertilizer, Dose (11:28:00) NPK kg/ha T1	5	20.96	1.5	23.69	1.321	40240	55704	2.38
Seed treatment with Trichoderma viride @ 4 g/kg seed and Soil treatment with Rhizobium + PSB@ 2kg/ha mix with 25 kg of FYM and 25 kg of soil before sowing. Apply zinc sulphate@ 25 kg/ha as basal. Apply NPK @ 38:45:25 kg/ha T2		26.35	1.8		1.634	45320	73357	2.61

RESOURCE CONSERVATION

Problem definition: Lower productivity and profitability in colocassia cultivation

Technology Assessed (as the case may be): Assessment of Improved Variety of Colocassia

The KVK Mahasamund in state Chhattisgarh conducted on-farm trial on Improved variety of Colocassia ., The improved variety gives enhanced yield 47.01 with net profit of Rs.120600 per hectare.

Table: Effect of Improved variety of on yield and income of Colocassia .

Technology Option	No. of trials	Major parameter (as mentioned in the approved action plan 2025)	Results of indicators/ parameter)	Advantage (%) on parameters	Yield (q/ha)	Gross cost (Rs/ha)	Net Returns (Rs./ha)	B:C Ratio
Use of Local/Unknown variety (Farmers Practice) T1	05	Plant height	55cm	47	134	62000	58600	1.95
Use of Improved variety of Colocassia (Recommended Practice) T2			80cm		197	70000	107300	2.53

Problem definition: Lower productivity and profitability in Papaya cultivation due to Viral Infection

Technology Assessed (as the case may be): Assessment of Improved Variety of Papaya

The KVK Mahasamund in state Chhattisgarh conducted on-farm trial on Improved variety of Papaya., The improved variety gives enhanced yield 39.25 with net profit of Rs.457000 per hectare.

Table: Effect of Improved variety of on yield and income of Papaya

Technology Option	No. of trials	Major parameter (as mentioned in the approved action plan 2025)	Results of indicators/ parameter)	Advantage (%) on parameters	Yield (q/ha)	Gross cost (Rs/ha)	Net Returns (Rs./ha)	B:C Ratio
Use of Local/Unknown variety (Farmers Practice) T1	05	Fruit Weight	1.0 kg	50	479	155000	479000	2.59
Use of Improved variety of Papaya (Recommended Practice) T2			1.5 kg		667	210000	667000	3.18

Problem definition: Lower productivity and profitability in Onion cultivation due to Weed Infestation

Technology Assessed (as the case may be): Assessment of Chemical Weed Management in Onion

The KVK Mahasamund in state Chhattisgarh conducted on-farm trial on Assessment of Chemical Weed Management in Onion., The recommended practice gives enhanced yield 39.43 with net profit of Rs.88000 per hectare.

Table: Effect of Chemical Weed Management in Onion

Technology Option	No. of trials	Major parameter (as mentioned in the approved action plan 2025)	Results of indicators/ parameter)	Advantage (%) on parameters	Yield (q/ha)	Gross cost (Rs/ha)	Net Returns (Rs./ha)	B:C Ratio
Non Use of Chemical Methods/Traditional Method (Farmers Practice) T1	05	Bulb Weight	85 gm	18	175	175000	88000	2.01
Use of Chemical Weed Management in Onion (Recommended Practice) T2			100 gm		244	244000	139000	2.32

INTEGRATED CROP MANAGEMENT

Problem definition: Lower income from sugarcane monocrop cultivation

Technology Assessed (as the case may be): Intercropping of French bean in paired row planted sugarcane

KVK, ----- in -----state conducted on-farm trial to assess effect of intercropping on net return in sugarcane. The intercrop system of planting of sugarcane as paired row at 5 ft spacing and growing french bean between two pairs had realized a net return of Rs. 1.87 lakh/ha as compared to the recommended practice with net returns of Rs. 1.41 lakh/ha (32.6% increase in net return per ha).

Table: Performance French bean as inter crop in sugarcane

Technology Option	No. of trials	Major parameter (as mentioned in the approved action plan 2025)	Results of indicators/ parameter)	Advantage (%) on parameters	Yield (t/ha)	Gross cost	Net Returns (Rs/ha)	B:C ratio
Planting sugarcane at 3 ft row spacing (Farmers Practice) T ₁	10				168		1.56	
Paired row planting at 5 ft spacing (Recommended Practice) T ₂					159		1.41	
Paired row planting at 5 ft spacing + growing intercrop between two pairs (french bean) T ₃					163 (Sugarcane) 0.58 (French bean)		1.87	

WEED MANAGEMENT

Problem definition: Heavy infestation of weed in cabbage

Technology Assessed (as the case may be): Weed control measures on cabbage yield in Karnataka

KVK of ----- took up on-farm trial on chemical weed management in cabbage. The results indicated that the use of Oxyfluorfen @ 1 kg. a i/ha gave 43.60 per cent increase in yield over hand weeding.

Table: Effect of Alachlor and Oxyfluorfen on weed control and yield at cabbage

Technology Option	No. of trials	Major parameter (as mentioned in the approved action plan 2025)	Results of indicators/ parameter)	Advantage (%) on parameters	Yield (qt./ha)	Increase in yield (%)	Gross cost (Rs/ha)	Net Return (Rs./ha)	B:C Ratio
Three times hand weeding (Farmers Practice) T ₁	18				110	--		42000	2.65
Alachlor @ 1.5 Kg. ai/ha as pre-emergent spray (Recommended Practice) T ₂					150	36.36		76800	6.34
Oxyfluorfen @ 1 Kg ai/ha prior to transplanting with 1 inter cultivation and 1 hand weeding. T ₃					158	43.63		82720	7.38

PEST AND DISEASE MANAGEMENT

Problem definition: Heavy infestation of leaf curl in chilli effecting in a yield loss of 20% and income loss of Rs.10000/ha

Technology Assessed (as the case may be): Leaf Curl Management in Chilli

Chilli is an important commercial crop of Dist.-----, However, there is high incidence of leaf curl disease resulting in yield loss. Five KVKs namely Gadag, Haveri, Dharwad, Belgaum and Bagalkot conducted on-farm trial to assess or refine (as the case may be) the control measure. The refined technology of seed treatment with imidacloprid @ 5g/kg seeds + dipping seedlings with imidacloprid @ 0.25ml/lit along with spray with Dicofol @ 2.5 ml/lit reduced the percentage of disease incidence from 23 to 6 and yield was increased by 38.78 per cent.

Table: Effect of imidacloprid in control of leaf curl in chilli

Technology Option	No. of trials	Major parameter (as mentioned in the approved	Results of indicators/ parameter)	Incidence of leaf curl (%)	Yield (kg/ha)	% Increase in yield over farmer's	Gross cost (Rs/ha)	Net Return (Rs./ha)	B:C Ratio
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		action plan 2025)				practice			
Spray of Dimethoale @ 2 ml/lit (Farmers Practice) T1	28			23	620	--			
Spray of Dimethoale @ 1.7 ml/lit + Dicofol 2.5 ml/lit (Recommended Practice) T1				9	780	25.80			
Seed treatment with imidacloprid @ 5g/Kg. seeds + dipping seedlings with imidacloprid @ 0.25ml/lit along with spray with Dicofol @ 2.5 ml/lit T3				6	860	38.78			

NUTRIENT MANAGEMENT

Problem definition: Lower productivity and profitability in blackgram cultivation due to imbalance application of nutrients

Technology Assessed (as the case may be): Nutrient management in black gram

KVK, ----- in state----- conducted on-farm trial to find out appropriate nutrient management practice to enhance the black gram productivity. The assessed or refined (as the case may be) practice of soaking seeds with manganese sulphate @ 8% solution for two hours was found to be better with 59.62 % increase in yield.

Table: Effect of seed soaking of MnSO₄ in enhancing germination and yield in black gram

Technology Option	No. of trials	Result of major parameter (as mentioned in the approved action plan 2025)	Results of indicators/ parameter)	Germination (%)	Plant height at flowering stage	Yield (kg./ha)	Increase in Yield (%)	Gross cost (Rs/ha)	Net Return (Rs./ha)	B:C Ratio
No seed treatment and foliar spray (Farmers Practice) T1	10			52	32	540	--			5.64
Foliar spray of DAP @ 2% and NAA @ 40ppm at 30 and 45 DAS (Recommended Practice) T2				62	38	742	37.40			9.42
Seed soaking with MnSO ₄ @ 8% for two hours + recommended practice T3				78	42	862	59.62			10.27

RESOURCE CONSERVATION

Problem definition: Lower productivity and profitability in tomato cultivation

Technology Assessed (as the case may be): Enhancement of tomato yield through precision-farming in District-----

The KVK ----- in state ----- conducted on-farm trial on fertigation in tomato. Combined application of water and fertilizers through drip system had enhanced the tomato yield by 22% in Tamil Nadu with the water saving of 35% alongwith net profit of Rs.25460 per hectare.

Table: Effect of fertigation on yield and income of tomato

Technology Option	No. of trials	Major parameter (as mentioned in the approved action plan 2025)	Results of indicators/ parameter)	Advantage (%) on parameters	Yield (t/ha)	Gross cost (Rs/ha)	Net Returns (Rs./ha)	B:C Ratio
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Irrational fertilizer and water application with out considering stages (Farmers Practice) T1	18				15.77		11050	1.5
Irrigation at 7 to 10 days interval, FYM @ 25 Tons / ha, Fertilizers @ 150 : 100 : 50 NPK Kg / ha (Recommended Practice) T2					18.36		15280	1.7
Application of water and fertilizer through drip system at critical stages. Fertilizer dose was reduced to three fourth of recommended dose T3					22.43		25460	2.0

LIVE STOCK ENTERPRISES

Problem definition: High incidence of mastitis disease in dairy cows resulting in lower productivity and profitability of dairying

Technology Assessed (as the case may be): Management of mastitis in crossbreed cows in

KVK, ----- conducted trial to find out suitable control measure for mastitis in cross bred cows as the recommended practice could not stop recurrence of mastitis to the desired level. The technology recommended was fine tuned by including dry cow therapy fro the control of mastitis.

Table Effect of streptopenicillin in the control of mastitis

Technology Option	No. of trials	Major parameter (as mentioned in the approved action plan 2025)	Results of indicators/ parameter)	Advantage (%) on parameters	Gross cost (Rs./lit)	Net Returns (Rs./lit)	B:C Ratio
Washing of udder is washed with fresh water and application of turmeric paste after milking (Farmers practice) T1	5			70			
Use of "SAAF" kit (Iodine 0.71 % w/v) after milking. (Recommended practice) T2				60			
Recommended practice + Dry cow therapy (Streptopenicillin administration by intra mammary infusion at once for each teat of udder at 7-8 months of pregnancy) T3				Nil			

INTEGRATED NUTRIENT MANAGEMENT

Problem definition: Lower yield in nendran banana due to imbalance application of nutrients

Technology Assessed (as the case may be): Integrated Nutrient Management in Banana

KVK, ----- assess or refine (as the case may be) the technology of integrated nutrient management by the application of effect of application of Cattle Manure @ 10 kg. /plant, Azospirillum @ 60 gm/plant, urea 315 gm and Potash 500 gm/plant as balanced nutrition in Nendran variety of banana and found that the same had enhanced the yield by 19 per cent compared to farmers practice and 25 per cent saving on nitrogenous fertilizers.

Table Performance of banana to integrated nutrient management

Technology Option	No. of trials	Major parameter (as mentioned in the approved action plan 2025)	Results of indicators/ parameter)	Advantage (%) on parameters	Yield (t./ha)	Gross cost (Rs./lit)	Net Returns (Rs./lit)	B:C Ratio
Farmers practice T1	5				22.00			1.37
Cowdung @ 10 kg./plant, Plant wood ash @ 5 kg./plant and green leaf manure @ 5 kg./plant T2								
Cattle Manure @ 10 kg. /plant, Azospirillum @ 60 gm/plant, urea 315 gm and Potash 500 gm/plant. T3					26.25			1.68

II. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2025-25 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

* Thematic areas as given in Table 3.1 (A1 and A2)

b. Details of FLDs implemented during Jan 2025 to December 2025

(Information is to be furnished in the following **three tables** for **each category** i.e. **cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.**)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Wheat	Farm mechanization	Seed cum fertiliser drill	Rabi 2025-26	4.8	4.8	0	12	12	-
2	Paddy	Farm mechanization	Baler	Kharif 2025	4.8	4.8	0	12	12	-

Discipline: Horticulture

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.	Cowpea	Crop Production	Improved Variety "Kashi Kanchan"	Kharif 2025	0.4	0.4	01	04	05	n/a
2.	Banana	Crop Production	Improved Variety "G-9"	Kharif 2025	0.4	0.4	00	05	05	n/a
3.	Cauliflower	Crop Production	Molybdenum Application	Rabi 2025	0.4	0.4	00	05	05	n/a
4.	Turmeric	Crop Production	Roma /Suroma	Kharif 2025	0.4	0.4	02	03	05	n/a
5.	Nutritional Garden	Crop Production	Nutritional Garden	Kharif /Rabi 2025	0.4	0.4	01	04	05	n/a

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall	No. of rainy days
				N	P	K					
Cowpea	Kharif 2025	Rainfed	Inceptisol				Paddy	16.07.25	06.09.25		
Banana	Kharif 2025	Irrigated	Inceptisol				Paddy	23.07.25	-----		
Cauliflower	Rabi 2025	Irrigated	Inceptisol				Paddy	28.12.25	-----		
Turmeric	Kharif 2025	Rainfed	Inceptisol				Paddy	22.06.25	18.03.26		
Nutritional Garden	Kharif /Rabi 2025	Rainfed / Irrigated	Inceptisol				Vegetables	15.07.25-15.11.25	10.10.25 27.12.25		

Discipline: Soil Science

S. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
1.	Black gram	INM	Application of 75% (N:P:K-20:40:20 kg/ha.) with Rhizobium + PSB + KSB @5g/kg of seed & FYM 5 ton/ha.	Method demonstration, training and Field day	01	12	4.8
2.	Lathyrus	INM	1.Improved variety (Prateek/ Mahatiwda) 2. Seed treatment with Rhizobium, PSB & Trichoderma @5 g/kg seed each 3. Foliar application of NPK 19:19:19 at 30 DAS and at the time of flowering 4. Use of systemic insecticide	Method demonstration, training and Field day	01	12	4.8

* Thematic areas as given in Table 3.1 (A1 and A2)

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1	Provide weather based advise via mobile app. Develop lowcost packages for small farmers	The FLD showed 36% of higher yield. It should be expand to entire block.
2	Less than 100 days of Lathyrus variety should be develop	The programme should be link to PM AASHA for procurement.

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	The Demonstration improved yield of Black gram as well as enhance the soil fertility
2	The Demonstration is a very good substitute of residual moisture retention and improves the soil health

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	02	10.09.25 & 26.02.26	84	
2	Farmers Training	04	04.07.25, 13.08.25, 05.11.25 & 13.12.25	104	
3	Media coverage				
4	Training for extension functionaries				

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	

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					

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1	Low cost seed drill	Integration of technology with their schemes for large scale horizontal spread
2	-	Availability of baler in the cluster villages

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	Seed saving and better crop performance
2	Reduce crop residue burning and availability of dry fodder for animals

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1	Provide weather based advise via mobile app. Develop lowcost packages for small farmers	The FLD showed 36% of higher yield. It should be expand to entire block.
2	Less than 100 days of Lathyrus variety should be develop	The programme should be link to PM AASHA for procurement.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training	2	24.11.25 15.12.25	18 21	Line sowing Baler
3	Media coverage				
4	Training for extension functionaries				

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

Crop	Variety	Name of Technology	No. of Farmers	Area (ha)	Parameters name (No. of branches, No. of tillers, No. of pods or grains per plant, duration (days), No. of plants/sq mt. etc as approved in the action plan)	Result of main parameter				% Advantage	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo plot			Check plot		Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average			High	Low	Average										
Groundnut																							
Sesamum																							
Mustard																							
Toria																							
Linseed																							
Sunflower																							
Soybean																							

FLD on Other Enterprise: Kitchen Gardening

Category and Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of Units	Yield (Kg)		% change in yield	Other parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Vegetables	Crop Production	Scientific Round the badi cultivation	05	05	375	115	69.33			4388	11250	6862	2.56	1695	3450	1755	2.04

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1	Sustainability Studies should be done by monitoring the long-term impact of these intensive gardening practices on soil pest buildup and nutrient depletion.	yield of existing traditional methods are significantly underperforming. Focus departmental training on the specific "critical interventions" used in the FLD (e.g., improved seeds, trellising, or organic manuring).
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	Technical feedback should include an analysis of the nutritional density of the yield. Is the demo producing more biomass, or more nutrient-dense vegetables?
2	

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

** BCR= GROSS RETURN/GROSS COST

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	

Frontline demonstration on pulse crops

Crop	Variety	Name of Technology	No. of Farmers	Area (ha)	Parameters name (No. of branches, No. of tillers, No. of pods or grains per plant, duration (days), No. of plants/sq mt.)	Result of main parameter				% Advantage	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo plot			Check plot		Demo			Gross Cost		Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)	
						High	Low	Average			High	Low	Average										Check
Pigeonpea																							
Blackgram	Indira urad prat ham	Demonstration of INM in Black Gram	12	4.8							6.45	4.76	6.12	4.47	36.91	17250	47736	30486	2.76	14984	34866	19882	2.32
					Plant height	53.5	32.3	48.7	38.2	27.48													
					No. of pod per plant	19	8	14	10	40													
Lathyrus	Mahatiwa	Demonstration on improved Utera (Relay Cropping) technique in Lathyrus	12	4.8							5.95	3.87	5.31	3.35	58.50	14422	30426	16004	2.10	10910	19195	8285	1.75
					Plant root length (cm)	21.6	13.2	18.3	10.9	67088													
					Root nodule/plant	19.4	9.7	17.4	11.2	55.35													
Greengram																							
Chickpea																							
Fieldpea																							

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Parameters name (No. of branches, No. of tillers, No. of pods or grains per plant, duration (days), No. of plants/sq mt.)	Result of main parameter				% Advantage	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
							Demo plot			Check plot		Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
							High	Low	Average			High	Low	Average										

S. No	Feed Back for researchers	Feedback for line department
1	Cowpea: Future research could focus on the "post harvest management including shelf life" of these pods compared to local varieties,	With a yield advantage over local checks, this variety should be the focal point of the National Food Security Mission (NFSM) or state-level pulse distribution programs.
2	Cauliflower: The variety should yield better even in higher temperature should be worked out	Extension workers should confirm this at their locations and ensure that this variety ables to give desired output for meeting out the initial seed investment cost in terms of volume and quality of the harvest.
3	Turmeric: The availability of more seeds should be ensured for its wider adaptability	Turmeric: This should be used to draft "Area Expansion" proposals under the Mission for Integrated Development of Horticulture (MIDH) after confirming its suitability in different location of districts through field level extension officials of the department.

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	Cowpea: Kashi Kanchan is found more tolerant for incidence of Cowpea Golden Mosaic Virus
2	Cauliflower: Diamondback Moth (DBM) incidence should be checked on this variety as its vigor often helps it "outgrow" early pest pressure, but technical documentation should confirm if fewer sprays were needed compared to the check DBMs incidence
3	Turmeric: optimized spacing and Raised Bed Method was used, helps in accounting for a 15–20% yield increase in Roma by improving drainage and aeration.

FLD on Livestock

Category	Thematic area	Name of the technology	No. of Farmer	No.of Units (Animal/	Major parameters	% change	Yield (Kg/animal) or No. of eggs/bird)	Economics of demonstration (Rs.)	Economics of check (Rs.)
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		demonstrated		Poultry/ Birds, etc)	Demo	Check	in major parameter	Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cattle																	
Buffalo																	
Buffalo Calf																	
Dairy																	
Poultry																	
Sheep & Goat																	
Vaccination																	

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

** BCR= GROSS RETURN/GROSS COST

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	

FLD on Fisheries

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

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

** BCR= GROSS RETURN/GROSS COST

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		
3		
4		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	
3	
4	

FLD on Other enterprises

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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	

FLD on Women Empowerment

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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	

FLD on Farm Implements and Machinery

Name of the implement	Crop	Technology demonstrated	No. of Farmer	Area (ha)	Major parameters	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit etc.)			
						Demo	Check		Land preparation	Sowing	Weeding	Total	Land preparation	Labour	Irrigation	Total
Baler	-	Crop residue management by baler	12	4.8	Field capacity, ha/hr No. of bundles/hr	0.36 ha/hr 35	0.04 ha/hr -	-	-	-	-	-	-	-	-	-
Seed cum fertilizer drill	Wheat	Line sowing of wheat by seed cum fertilizer drill	12	4.8	Field capacity, ha/hr	0.4 ha/hr	-	-	-	-	2	2	-	696	3132	3828

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1	-	Integration of technology with their schemes for large scale horizontal spread
2	-	Availability of baler in the cluster villages

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	Seed saving and better crop performance
2	Reduce crop residue burning and availability of dry fodder for animals

FLD on Other Enterprise: Kitchen Gardening

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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	

FLD on Demonstration details on crop hybrids (Details of Hybrid FLDs implemented during 2025)

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

Vegetable crop													
Fruit crop													
Other (specify)													

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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	

III. Natural Farming

1) Crop Harvesting Details

Name of KVK	Crop Details Under Demonstration										Date of Sowing	Date of Harvesting
	Natural farming					Farmer's Practice						
	Name of Crop	Variety	Area(ha)	Yield (Q/ha)	Total Cost of Cultivation (Rs./ha)	Name of crop	Variety	Area(ha)	Yield (Q/ha)	Total Cost of Cultivation (Rs./ha)		

2) Preliminary Soil Data of Natural Farming Field

Name of KVK	Soil data of Demonstrated/KVK Plot	Soil Analysis				Micronutrients				Microbial Analysis				
		N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Organic Carbon (%)	Ca (Kg/ha)	Mg (Kg/ha)	Zn (Kg/ha)	Others	Bacterial count (Nos.)	Fungi (Nos.)	Actinomycetes (Nos.)	Phosphorus Solubilizer (Nos.)	N Fixers (Nos.)

3) Details of Demonstrations Conducted under Natural Farming Project

S. No.	Name of KVK	Name of village	Name of farmer	Mobile no. of farmer	Area under demonstration on Natural Farming (ha)
1					
2					
3					

4) Information of Farmers already Practicing Natural Farming

Sl. No.	Name of the District	Name of the Farmers	No. of desi (indigenous) cows	Land holding (ha)	Crops Grown	No. of Years in Natural Farming	Area Covered under Natural Farming	Crops Grown under Natural Farming	Any significant achievements under natural farming
1									
2									
3									

5) Natural Farming Nodal officer & Associate Name

S.No.	Name of KVK	Name of Head/SMS	Discipline/Subject	Mobile No.

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6) Preliminary Soil Data of Natural Farming Field

Name of KVK	Soil data of Demonstrated/KVK Plot	Soil Analysis				Micronutrients				Microbial Analysis				
		N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Organic Carbon (%age)	Ca (Kg/ha)	Mg (Kg/ha)	Zn (Kg/ha)	Others	Bacterial count (Nos.)	Fungi (Nos.)	Actinomycetes (Nos.)	Phosphorus Solubilizer (Nos.)	N Fixers (Nos.)

IV. Drone Project

1) Details of Drone Training

S.No	Name of the Institute/KVK	No. of Drone Alloted	No. of Drones Received	No. of Trainees	Name of RPTOs (Pilot)	Designation of Trainee	Mob No. of Trainee	Email Id of Trainee	Training Institute	Training Status Done/Scheduled	Passport No. of the Trainee	Training Schedule	Remarks about Training Schedule
1	Mahasamund	1	1	1	Dr. Ravish Keshri	Subject Matter Specialist	9425373479	ravishkeshri@gmail.com	Indira Gandhi Rashtriya Udan Academy, Gwalior	Done	-	-	Drone pilot license training done. Agri drone operation training required

2) Details of Nodal officers under Drone Project

S.No	Name of the Institute	Name of Nodal Officer	Contact No.	Email
1	KVK, Mahasamund	Dr. Ravish Keshri	9425373479	ravishkeshri@gmail.com

3) Agri-Drone Demonstration

S. No.	Name of KVK	No. of Drones allotted	No. of Drones Purchased	Target Area under demonstration (ha)	Area under herbicidal spray (ha)	Area under insecticidal spray (ha)	Area under fertilizer spray (ha)	Area under nano-fertilizer spray (ha)	Total target achieved under demonstration (ha)
1	KVK, Mahasamund	1	1	-	-	4	-	-	4

4) Details of Agri-Drone demonstration

Name of KVK	Season	Crop	Area covered under demonstration (ha)	Name of inputs used for demonstration	Dose/Rate of input used	Economics							
						Crop growth		Yield (q/ha)		Gross cost (Rs/ha)		Gross return (Rs/ha)	
						Demo	Control	Demo plot	Control plot	Demo	Check	Demo	Check
Mahasamund	Kharif	Paddy	5	Insecticides and nano urea	Recommended	-	-						

5. Detailed information on Agri-Drone Didi in your district

Name of KVK	Name of Dron Didi	Year since she started this work	Crops covered (name)	Crop wise Area (Acre covered)	Crop wise farmers (Nos.) covered	Income generated (Rs/year)	Address of Drone Didi with mobile number

V. DAMU Project

Project Details

1. Name of KVK, District, ATARI zone and Year

Name of KVK :

Name of Blocks Covered:

Year of start of AAS at DAMU:

DAMU Unit Functional: Yes/No

2. Name and address with landline and mobile numbers along with STD code (also provide e-mail address) of head of ATARI, Project Coordinator, Head of the Krishi Vigyan Kendra (KVK)

Designation	Name	Contact Number	Email-id
SMS/RA			
Agromet Observer (AO)			

3. Number of Agromet Advisory Bulletins:

4. Status of Agro-AWS

4.1 Date of installation of AWS :

4.2 List of instruments presently available in working condition:

4.3 Instruments to be replaced/repared indicating type of defect:

4.4 Please provide frequency of observation, exposure conditions of the site etc.

4.6 Number of years of data records available:

4.8 Whether the observatory is periodically inspected, maintained and calibrated by IMD (If yes, please indicate the latest data of inspection by the IMD)

5. Details of Agromet Advisory Services

i. How many times the weather forecasts were received during the year:

ii. When do you receive the forecasts from MC/RMC?

iii. How many AAS bulletins were prepared and disseminated to the farmers in the year?

iv. How many AAS bulletins were prepared using Agromet-DSS in English and regional languages?

v. List the modes of mass communication adopted for AAS dissemination:

vi. Details of broadcast on AIR and TV (name of station broadcast frequency, time slot provided etc.) (Audio tape of the recent broadcast):

vii. Give list of farmers awareness programmes conducted like Krishi / Kishan Melas, training, participation in national day parades etc. and photograph of Farmer's Awareness Programme (no of Farmer attended)

viii. No of SMS sent through Kisan Portal and how many farmers were benefitted during the year

ix. List of other organizations receiving Agromet advisories:

6. Verification results of District and Block level weather forecast
7. Economic impact of Agromet advisory services:
8. Mobile APP based Agromet advisory services for farmers:
9. Feedback from progressive farmers:

VI. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production											
Weed Management											
Resource Conservation Technologies											
Cropping Systems											
Crop Diversification											
Integrated Farming											
Micro Irrigation/irrigation											
Seed production											
Nursery management											
Integrated Crop Management											
Soil & water conservatioin											
Integrated nutrient management											
Production of organic inputs											
Others (pl specify)											
Total											
II Horticulture											
a) Vegetable Crops											
Production of low value and high valume crops											
Off-season vegetables											
Nursery raising											
Exotic vegetables											
Export potential vegetables											
Grading and standardization											
Protective cultivation											
Others (pl specify)											
Total (a)											
b) Fruits											
Training and Pruning											
Layout and Management of Orchards											
Cultivation of Fruit											
Management of young plants/orchards											
Rejuvenation of old orchards											
Export potential fruits											
Micro irrigation systems of orchards											
Plant propagation											

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
techniques											
Others (pl specify)											
Total (b)											
c) Ornamental Plants											
Nursery Management											
Management of potted plants											
Export potential of ornamental plants											
Propagation techniques of Ornamental Plants											
Others (pl specify)											
Total (c)											
d) Plantation crops											
Production and Management technology											
Processing and value addition											
Others (pl specify)											
Total (d)											
e) Tuber crops											
Production and Management technology											
Processing and value addition											
Others (pl specify)											
Total (e)											
f) Spices											
Production and Management technology											
Processing and value addition											
Others (pl specify)											
Total (f)											
g) Medicinal and Aromatic Plants											
Nursery management											
Production and management technology											
Post harvest technology and value addition											
Others (pl specify)											
Total (g)											
GT (a-g)											
III Soil Health and Fertility Management											
Soil fertility management	Importance and use of soil health card	1	5	3	8	12	6	18	17	9	26
Integrated water management											
Integrated Nutrient Management	Integrated nutrient management in Rabi and kharif crop	1	6	4	10	10	8	16	16	12	28
Production and use of organic inputs	Vermicomposting technique , Various technique of organic farming	1	8	4	12	13	8	21	21	12	33
Management of Problematic soils											
Micro nutrient	Deficiency Symptoms	1	9	4	13	18	6	24	27	10	37

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
deficiency in crops	and their management of micronutrient										
Nutrient Use Efficiency	Biofertilizer application technology	1	10	5	15	12	8	20	22	13	35
Balance use of fertilizers	Importance and advances of balance fertilization	1	8	4	12	10	3	13	18	7	25
Soil and Water Testing	Organic farming technique	1	9	3	12	12	5	17	21	8	29
Others (pl specify)	Deficiency Symptoms and their management of micronutrient	1	9	4	13	18	6	24	27	10	37
Total											
IV Livestock Production and Management											
Dairy Management											
Poultry Management											
Piggery Management											
Rabbit Management											
Animal Nutrition Management											
Disease Management											
Feed & fodder technology											
Production of quality animal products											
Others (pl specify)											
Total											
V Home Science/Women empowerment											
Household food security by kitchen gardening and nutrition gardening											
Design and development of low/minimum cost diet											
Designing and development for high nutrient efficiency diet											
Minimization of nutrient loss in processing											
Processing and cooking											
Gender mainstreaming through SHGs											
Storage loss minimization techniques											
Value addition											
Women empowerment											
Location specific drudgery reduction technologies											
Rural Crafts											
Women and child care											
Others (pl specify)											
Total											
VI Agril. Engineering											
Farm Machinery and its maintenance											
Installation and	Micro irrigation	1	14	2	16	3	0	3	17	2	19

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
maintenance of micro irrigation systems	system										
Use of Plastics in farming practices											
Production of small tools and implements											
Repair and maintenance of farm machinery and implements	Importance, operation and maintenance of farm machinery	1	12	5	17	1	0	1	13	5	18
Small scale processing and value addition	Post-harvest management and processing of millets	1	15	6	21	0	0	0	15	6	21
Post Harvest Technology											
Others (pl specify)	Rain water harvesting and management	1	17	0	17	3	0	3	20	0	20
Total		4	58	13	71	7	0	7	65	13	78
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											
VIII Fisheries											
Integrated fish farming											
Carp breeding and hatchery management											
Carp fry and fingerling rearing											
Composite fish culture											
Hatchery management and culture of freshwater prawn											
Breeding and culture of ornamental fishes											
Portable plastic carp hatchery											
Pen culture of fish and prawn											
Shrimp farming											
Edible oyster farming											
Pearl culture											
Fish processing and value addition											
Others (pl specify)											
Total											
IX Production of Inputs at site											
Seed Production											
Planting material production											
Bio-agents production											
Bio-pesticides production											
Bio-fertilizer production											
Vermi-compost production											

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
Organic manures production											
Production of fry and fingerlings											
Production of Bee-colonies and wax sheets											
Small tools and implements											
Production of livestock feed and fodder											
Production of Fish feed											
Mushroom Production											
Apiculture											
Others (pl specify)											
Total											
X Capacity Building and Group Dynamics											
Leadership development											
Group dynamics											
Formation and Management of SHGs											
Mobilization of social capital											
Entrepreneurial development of farmers/youths											
WTO and IPR issues											
Others (pl specify)											
Total											
XI Agro-forestry											
Production technologies											
Nursery management											
Integrated Farming Systems											
Others (pl specify)											
Total											
GRAND TOTAL											

Farmers' Training including sponsored training programmes (off campus)

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production											
Weed Management											
Resource Conservation Technologies											
Cropping Systems											
Crop Diversification											
Integrated Farming											
Micro Irrigation/irrigation											
Seed production											
Nursery management											
Integrated Crop Management											
Soil & water conservatioin											
Integrated nutrient management											
Production of organic inputs											
Others (pl specify)											
Total											
II Horticulture											
a) Vegetable Crops											
Production of low value and high valume crops											

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
Off-season vegetables											
Nursery raising	Nursery raising of Tomato	01	12	5	17	07	5	12	19	10	29
Nursery raising	Nursery raising of Chilli	01	15	4	19	05	6	11	20	10	30
Nursery raising	Nursery raising of vegetable in Pro trays	01	10	6	16	06	8	14	16	14	30
Nursery raising	Nursery raising of winter season vegetable	01	11	3	14	08	5	13	19	8	27
Nursery raising	Types of Nursery beds and their uses	01	09	4	13	08	6	14	17	10	27
Exotic vegetables											
Export potential vegetables											
Grading and standardization											
Protective cultivation											
Others (Production technology of vegetables)	Improved Production technology of Tomato	01	09	5	14	09	06	15	18	11	29
Others (Production technology of vegetables)	Improved Production technology of Brinjal	01	14	5	19	07	05	12	21	10	31
Others (Production technology of vegetables)	Improved Production technology of Chilli	01	10	4	14	04	09	13	14	13	27
Others (Production technology of vegetables)	Improved Production technology of Okra	01	12	3	15	06	03	09	18	6	24
Others (Establishment & Kitchen Garden)	(Establishment & Kitchen Garden)	01	04	15	19	02	10	12	06	25	31
Others (Production technology of vegetables)	Improved Production technology of Cabbage & cauliflower	01	11	6	17	07	03	10	18	9	27
Total (a)											
b) Fruits											
Training and Pruning	Training & pruning in Orchards	01	14	9	23	7	6	13	21	15	36
Layout and Management of Orchards	Layout and Management of Orchards	01	9	4	8	8	6	7	17	10	27
Cultivation of Fruit	Mango Cultivation	01	12	7	19	5	6	11	17	13	30
	Cultivation of banana	01	8	4	12	8	6	14	16	10	26
	Papaya Cultivation	01	8	8	16	9	7	16	17	15	32
Management of young plants/orchards	Management of Mango Orchards	01	10	8	18	9	5	14	19	13	32
Rejuvenation of old orchards	Rejuvenation of old & Senile	01	12	9	21	7	6	13	19	15	34

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
	orchards										
Export potential fruits											
Micro irrigation systems of orchards	Drip Irrigation in Papaya	01	15	6	21	10	4	14	25	10	35
Plant propagation techniques	Plant propagation technique in Fruit Crops	01	18	8	26	6	6	12	24	14	38
Others (pl specify)											
Training and Pruning	Training & pruning in Orchards	01	14	9	23	7	6	13	21	15	36
Layout and Management of Orchards	Layout and Management of Orchards	01	9	4	8	8	6	7	17	10	27
Cultivation of Fruit	Mango Cultivation	01	12	7	19	5	6	11	17	13	30
	Cultivation of banana	01	8	4	12	8	6	14	16	10	26
	Papaya Cultivation	01	8	8	16	9	7	16	17	15	32
Total (c)											
d) Plantation crops											
Production and Management technology											
Processing and value addition											
Others (pl specify)											
Total (d)											
e) Tuber crops											
Production and Management technology	Improved Production technology of Colocassia	01	14	4	18	05	07	12	19	11	30
Processing and value addition											
Others (pl specify)											
Total (e)											
f) Spices											
Production and Management technology	Improved Production technology of Ginger	1	13	5	18	11	6	17	24	11	35
	Improved Production technology of turmeric	1	12	9	21	7	6	13	19	11	30
	Improved Production technology of Coriander	1	11	6	18	12	7	19	23	13	36
	Improved Production technology of Onion	1	14	3	17	09	6	15	23	09	32
	Improved Production technology of Fenugreek	1	6	7	13	16	6	22	22	13	35
Processing and value addition											
Others (pl specify)											
Total (f)											
g) Medicinal and Aromatic Plants											

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery management											
Production and management technology											
Post harvest technology and value addition											
Others (pl specify)											
Total (g)											
GT (a-g)											
III Soil Health and Fertility Management											
Soil fertility management											
Integrated water management											
Integrated Nutrient Management	Integrated nutrient management in Rabi and Kharif crops	1	8	3	11	11	5	16	19	8	27
Production and use of organic inputs	Vermicomposting technique , Various technique of organic farming	1	9	4	13	7	6	13	16	10	26
Management of Problematic soils	Reclamation of Problematic soil	1	8	0	8	15	7	22	23	7	30
Micro nutrient deficiency in crops	Deficiency Symptoms and their management of micronutrient	1	10	3	13	11	5	16	21	8	29
Nutrient Use Efficiency	Biofertilizer application technology	1	12	4	16	9	3	12	21	7	28
Balance use of fertilizers	Importance and advances of balance fertilization	1	13	5	18	10	3	13	23	8	31
Soil and Water Testing											
Others (pl specify)	Organic farming technique	1	8	6	14	8	4	12	16	10	26
Total	Vermicomposting technique , Various technique of organic farming	1	9	4	13	7	6	13	16	10	26
IV Livestock Production and Management											
Dairy Management											
Poultry Management											
Piggery Management											
Rabbit Management											
Animal Nutrition Management											
Disease Management											
Feed & fodder technology											
Production of quality animal products											
Others (pl specify)											
Total											
V Home Science/Women empowerment											
Household food security by kitchen gardening and											

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
nutrition gardening											
Design and development of low/minimum cost diet											
Designing and development for high nutrient efficiency diet											
Minimization of nutrient loss in processing											
Processing and cooking											
Gender mainstreaming through SHGs											
Storage loss minimization techniques											
Value addition											
Women empowerment											
Location specific drudgery reduction technologies											
Rural Crafts											
Women and child care											
Others (pl specify)											
Total											
VI Agril. Engineering											
Farm Machinery and its maintenance	Importance, operation and maintenance of farm machinery	1	14	0	14	6	0	6	20	0	20
Installation and maintenance of micro irrigation systems	Micro irrigation system	2	18	7	25	12	5	17	30	12	42
Use of Plastics in farming practices											
Production of small tools and implements											
Repair and maintenance of farm machinery and implements											
Small scale processing and value addition											
Post Harvest Technology											
Others (pl specify)	Agricultural Drone technology	4	67	8	75	18	4	22	85	12	97
	Crop residue management by baler	1	22	0	22	0	0	0	22	0	22
Total		8	121	15	136	36	9	45	157	24	181
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											
VIII Fisheries											
Integrated fish farming											
Carp breeding and hatchery management											
Carp fry and fingerling rearing											
Composite fish culture											
Hatchery management and culture of freshwater prawn											
Breeding and culture of ornamental fishes											

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
Portable plastic carp hatchery											
Pen culture of fish and prawn											
Shrimp farming											
Edible oyster farming											
Pearl culture											
Fish processing and value addition											
Others (pl specify)											
Total											
IX Production of Inputs at site											
Seed Production											
Planting material production											
Bio-agents production											
Bio-pesticides production											
Bio-fertilizer production											
Vermi-compost production											
Organic manures production											
Production of fry and fingerlings											
Production of Bee-colonies and wax sheets											
Small tools and implements											
Production of livestock feed and fodder											
Production of Fish feed											
Mushroom Production											
Apiculture											
Others (pl specify)											
Total											
X Capacity Building and Group Dynamics											
Leadership development											
Group dynamics											
Formation and Management of SHGs											
Mobilization of social capital											
Entrepreneurial development of farmers/youths											
WTO and IPR issues											
Others (pl specify)											
Total											
XI Agro-forestry											
Production technologies											
Nursery management											
Integrated Farming Systems											
Others (pl specify)											
Total											
GRAND TOTAL											

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

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production											
Weed Management											
Resource Conservation Technologies											
Cropping Systems											
Crop Diversification											
Integrated Farming											

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
Micro Irrigation/irrigation											
Seed production											
Nursery management											
Integrated Crop Management											
Soil & water conservatioin											
Integrated nutrient management											
Production of organic inputs											
Others (pl specify)											
Total											
II Horticulture											
a) Vegetable Crops											
Production of low value and high valume crops											
Off-season vegetables											
Nursery raising	Nursery raising of Tomato	01	12	5	17	07	5	12	19	10	29
Nursery raising	Nursery raising of Chilli	01	15	4	19	05	6	11	20	10	30
Nursery raising	Nursery raising of vegetable in Pro trays	01	10	6	16	06	8	14	16	14	30
Nursery raising	Nursery raising of vegetable in Polybags	01	11	3	14	08	5	13	19	8	27
Nursery raising	Types of Nursery beds and their uses	01	09	4	13	08	6	14	17	10	27
Exotic vegetables											
Export potential vegetables											
Grading and standardization											
Protective cultivation											
Others (Production technology of vegetables)	Improved Production technology of Tomato	01	09	5	14	09	06	15	18	11	29
Others (Production technology of vegetables)	Improved Production technology of Brinjal	01	14	5	19	07	05	12	21	10	31
Others (Production technology of vegetables)	Improved Production technology of Chilli	01	10	4	14	04	09	13	14	13	27
Others (Production technology of vegetables)	Improved Production technology of Okra	01	12	3	15	06	03	09	18	6	24
Others (Establishment & Kitchen Garden)	(Establishment & Kitchen Garden)	01	04	15	19	02	10	12	06	25	31
Others (Production technology of vegetables)	Improved Production technology of Cabbage & cauliflower	01	11	6	17	07	03	10	18	9	27
Total (a)											
b) Fruits											
Training and Pruning	Training & pruning in Orchards	01	14	9	23	7	6	13	21	15	36
Layout and Management of Orchards	Layout and Management of	01	9	4	8	8	6	7	17	10	27

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
	Orchards										
Cultivation of Fruit	Mango Cultivation	01	12	7	10	5	6	11	17	13	30
	Cultivation of banana	01	8	4	7	8	6	14	16	10	26
	Papaya Cultivation	01	8	8	9	9	7	16	17	15	32
Management of young plants/orchards	Management of Mango Orchards	01	10	8	18	9	5	14	19	13	32
Rejuvenation of old orchards	Rejuvenation of old & Senile orchards	01	12	9	21	7	6	13	19	15	34
Export potential fruits											
Others (pl specify)											
Total (b)											
c) Ornamental Plants											
Nursery Management											
Management of potted plants											
Export potential of ornamental plants											
Propagation techniques of Ornamental Plants											
Others (pl specify)											
Total (c)											
d) Plantation crops											
Production and Management technology											
Processing and value addition											
Others (pl specify)											
Total (d)											
e) Tuber crops											
Production and Management technology	Improved Production technology of Colocassia	01	14	4	18	05	07	12	19	11	30
Processing and value addition											
Others (pl specify)											
Total (e)											
f) Spices											
Production and Management technology	Improved Production technology of Ginger	1	13	5	18	11	6	17	24	11	35
	Improved Production technology of turmeric	1	12	9	21	7	6	13	19	11	30
	Improved Production technology of Coriander	1	11	6	18	12	7	19	23	13	36
	Improved Production technology of Onion	1	14	3	17	09	6	15	23	09	32
	Improved Production technology of Fenugreek	1	6	7	13	16	6	22	22	13	35
Processing and value addition											
Others (pl specify)											

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
Total (f)											
g) Medicinal and Aromatic Plants											
Nursery management											
Production and management technology											
Post harvest technology and value addition											
Others (pl specify)											
Total (g)											
GT (a-g)											
III Soil Health and Fertility Management											
Soil fertility management	Importance and use of soil health card	1	5	3	8	12	6	18	17	9	26
Integrated water management											
Integrated Nutrient Management	Integrated nutrient management in Rabi and kharif crop	2	14	7	21	21	13	32	35	20	55
Production and use of organic inputs	Vermicomposting technique , Various technique of organic farming	2	17	8	25	20	14	34	37	22	59
Management of Problematic soils	Reclamation of Problematic soil	1	8	0	8	15	7	22	23	7	30
Micro nutrient deficiency in crops	Deficiency Symptoms and their management of micronutrient	2	19	7	26	29	6	40	48	18	66
Nutrient Use Efficiency	Biofertilizer application technology	2	22	9	31	21	11	32	43	20	63
Balance use of fertilizers	Importance and advances of balance fertilization	2	21	9	30	20	6	26	41	15	56
Soil and Water Testing											
Others (pl specify)	Organic farming technique	2	17	9	26	20	9	29	37	18	55
Total											
IV Livestock Production and Management											
Dairy Management											
Poultry Management											
Piggery Management											
Rabbit Management											
Animal Nutrition Management											
Disease Management											
Feed & fodder technology											
Production of quality animal products											
Others (pl specify)											
Total											
V Home Science/Women empowerment											
Household food security by kitchen gardening and											

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
nutrition gardening											
Design and development of low/minimum cost diet											
Designing and development for high nutrient efficiency diet											
Minimization of nutrient loss in processing											
Processing and cooking											
Gender mainstreaming through SHGs											
Storage loss minimization techniques											
Value addition											
Women empowerment											
Location specific drudgery reduction technologies											
Rural Crafts											
Women and child care											
Others (pl specify)											
Total											
VI Agril. Engineering											
Farm Machinery and its maintenance	Importance, operation and maintenance of farm machinery	2	26	5	31	7	0	7	33	5	38
Installation and maintenance of micro irrigation systems	Micro irrigation system	3	32	9	41	15	5	20	47	14	61
Use of Plastics in farming practices											
Production of small tools and implements											
Repair and maintenance of farm machinery and implements											
Small scale processing and value addition	Post-harvest management and processing of millets	1	15	6	21	0	0	0	15	6	21
Post Harvest Technology											
Others (pl specify)	Rain water harvesting and management	1	17	0	17	3	0	3	20	0	20
	Agricultural Drone technology	4	67	8	75	18	4	22	85	12	97
	Crop residue management by baler	1	22	0	22	0	0	0	22	0	22
Total		12	179	28	207	43	9	52	222	37	259
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											
VIII Fisheries											
Integrated fish farming											
Carp breeding and hatchery management											
Carp fry and fingerling rearing											

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
Composite fish culture											
Hatchery management and culture of freshwater prawn											
Breeding and culture of ornamental fishes											
Portable plastic carp hatchery											
Pen culture of fish and prawn											
Shrimp farming											
Edible oyster farming											
Pearl culture											
Fish processing and value addition											
Others (pl specify)											
Total											
IX Production of Inputs at site											
Seed Production											
Planting material production											
Bio-agents production											
Bio-pesticides production											
Bio-fertilizer production											
Vermi-compost production											
Organic manures production											
Production of fry and fingerlings											
Production of Bee-colonies and wax sheets											
Small tools and implements											
Production of livestock feed and fodder											
Production of Fish feed											
Mushroom Production											
Apiculture											
Others (pl specify)											
Total											
X Capacity Building and Group Dynamics											
Leadership development											
Group dynamics											
Formation and Management of SHGs											
Mobilization of social capital											
Entrepreneurial development of farmers/youths											
WTO and IPR issues											
Others (pl specify)											
Total											
XI Agro-forestry											
Production technologies											
Nursery management											
Integrated Farming Systems											
Others (pl specify)											
Total											
GRAND TOTAL											

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

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	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											

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

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

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	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	Nursery Management of Fruits & Vegetable crops	02	14	0	14	06	00	06	14	06	20
Training and pruning of orchards											
Protected cultivation of vegetable crops											
Commercial fruit production											
Integrated farming											
Seed production											
Production of organic inputs											
Planting material production											

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

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

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	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	Nursery Management of Fruits & Vegetable crops	02	14	0	14	06	00	06	14	06	20
Training and pruning of orchards											
Protected cultivation of vegetable crops											
Commercial fruit production											
Integrated farming											
Seed production											
Production of organic inputs											
Planting material production											
Vermi-culture											
Mushroom Production											
Bee-keeping											
Sericulture											
Repair and maintenance of farm machinery and implements											
Value addition											
Small scale processing											
Post Harvest Technology											
Tailoring and Stitching											
Rural Crafts											
Production of quality animal products											

Dairying												
Sheep and goat rearing												
Quail farming												
Piggery												
Rabbit farming												
Poultry production												
Ornamental fisheries												
Composite fish culture												
Freshwater prawn culture												
Shrimp farming												
Pearl culture												
Cold water fisheries												
Fish harvest and processing technology												
Fry and fingerling rearing												
Any other (pl.specify)												
TOTAL												

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

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

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

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops											
Integrated Pest Management											
Integrated Nutrient management											
Rejuvenation of old orchards											
Protected cultivation technology											

Production and use of organic inputs												
Care and maintenance of farm machinery and implements												
Gender mainstreaming through SHGs												
Formation and Management of SHGs												
Women and Child care												
Low cost and nutrient efficient diet designing												
Group Dynamics and farmers organization												
Information networking among farmers												
Capacity building for ICT application												
Management in farm animals												
Livestock feed and fodder production												
Household food security												
Any other (pl.specify)												
TOTAL												

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

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

Table. Sponsored training programmes

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of Courses	No. of Participants									Name of sponsored agency
			General			SC/ST			Grand Total			
			Male	Female	Total	Male	Female	Total	Male	Female	Total	
Crop production and management												
Increasing production and productivity of crops												
Commercial production of vegetables												
Production and value addition												

[illegible][illegible]

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

VII. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	78	10699	-	10699
Diagnostic visits	20	258	18	278
Field Day	5	188	9	197
Group discussions	10	176	3	179
Kisan Ghosthi	5	224	12	236
Film Show	5	156	5	161
Self -help groups	2	32	2	34
Kisan Mela	1	132	4	136
Exhibition	5	392	16	408
Scientists' visit to farmers field	102	737	31	768
Plant/animal health camps	2	73	2	75
Farm Science Club				
Ex-trainees Sammelan	1	48	0	48
Farmers' seminar/workshop	2	87	6	93
Method Demonstrations	5	193	5	198
Celebration of important days	7	117	4	121
Special day celebration	7	117	4	121
Exposure visits	2	64	2	66
Others (pl. specify)				
Total	259	13693	123	13818

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	
Extension Literature	
News paper coverage	18
Popular articles	1
Radio Talks	5
TV Talks	3
Animal health amps (Number of animals treated)	2
Others (pl. specify)	
Total	29

Mobile Advisory Services

Name of KVK	Message Type	Type of Messages					
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise
	Text only	48	6	16	0	6	2
	Voice only						
	Voice & Text both						
	Total Messages	48	6	16	0	6	2
	Total farmers Benefitted						10699

VIII. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Number of KVKs organised Technology Week	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
	Gosthies	5	236	
	Lectures organised	12	480	
	Exhibition	5	408	
	Film show	5	161	
	Fair	1		
	Farm Visit	7	121	
	Diagnostic Practicals			
	Distribution of Literature (No.)			
	Distribution of Seed (q)	7.46	118	
	Distribution of Planting materials (No.)	26200	8	
	Bio Product distribution (Kg)			
	Bio Fertilizers (q)			
	Distribution of fingerlings			
	Distribution of Livestock specimen (No.)			
	Total number of farmers visited the technology week	5	408	

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

Production of seeds by the KVKs

Crop Category	Name of Crop	Name of Variety	Name of Hybrid	Quantity (Q.)	Total Value (Rs.)	Provided to No. of Farmers
Oilseeds	Rapeseed & Mustard	DRMR-150-35		1.4	13315	70
Oilseeds	Sesame	Unnt ram		2.22	43068	
Pulses	Pigeonpea	Cg Arhar-2		1.92	13216	24
Pulses	Blackgram	Indira Urd Pratham		1.92	26248	24
Grand Total				7.46	95847	118

Production of planting materials by the KVKs

Crop Category	Name of Crop	Name of Variety	Name of Hybrid	Quantity (No.)	Total Value (Rs.)	Provided to no. of Farmers/Society
Fruits	Aonla	Local		5000		
Fruits	Causterd Apple	local		1000	1000	1
Fruits	Jamun	Local		5000		
Fruits	Karonda	Lal Har		10000	1000	1
Fruits	Lemon	Konkan Seed Less		2000	8440	4
Fruits	Lime	Kagji Local		2000		
Fruits	Litchi					
Fruits	Mango	Chhatishgarh Nandiraj/ Local		1000	10000	1
Fruits	Pomegranate	Bhagwa		200	10000	1
	Total			26200	30440	8

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

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity	Value (Rs.)	No. of Farmers
		Kg		

Bio Fertilisers				
Bio-pesticide				
Bio-fungicide				
Bio Agents				
Others	Others	Vermicompost	56000	560000
	Others	Nadep	9540	95400
	Others	Azola	3360	33600
Total				

Table: Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Dairy animals				
Cows	Gir	11	181152 (Milk)	12
Buffaloes				
Calves	Gir	11		
Others (Pl. specify) Breeding Bull	Gir	6		
Poultry				
Broilers				
Layers				
Duals (broiler and layer)	Kadaknath	861	47817	36
Japanese Quail	Japanese	9742	132480	32
Turkey				
Emu				
Ducks	White pakins /Indian Runner	29	750	1
Others (Pl. specify)				
Piggery				
Piglet				
Others (Pl. specify)				
Fisheries				
Indian carp				
Exotic carp				
Others (Pl. specify)				
Total		10678	181053	81

X. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)
Soil	274	274	23	0
Water				
Plant				
Manure				
Others (pl. specify)				
Total				

XI. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted	Date of SAC
Mahasamund	32	24.06.2025

XII. NEWSLETTER/MAGAZINE

Name of News letter/Magazine	No. of Copies printed for distribution
4	200

XIII. PUBLICATIONS

Category	Number
Books	
Technical bulletins	2
Research Paper	8
Lead Papers	
Book Chapters	2
Popular Articles	
Newsletters	4
Technical reports	4
Others (pl. specify)	

XIV. DETAILS ON RAIN WATER HARVESTING STRUCTURE AND MICRO-IRRIGATION SYSTEM

Activities conducted				
No. of Training programmes	No. of Demonstration s	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)
4	3	-	258	7

XV. INTERVENTIONS ON DISASTER MANAGEMENT/UNSEASONAL RAINFALL/HAILSTORM/COLD WAVES ETC

Introduction of alternate crops/varieties

Crops/cultivars	Area (ha)	Extent of damage	Recovery of damage through KVK initiatives if any
Total			

Major area coverage under alternate crops/varieties

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

Total		

Farmers-scientists interaction on livestock management

Livestock components	Number of interactions	No.of participants
Total		

Animal health camps organised

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

Seed distribution in drought hit states

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

Large scale adoption of resource conservation technologies

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

Awareness campaign

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											

XVI. DETAILS ON HRD ACTIVITIES

A. HRD activities organized in identified areas for KVK staff by the Directorate of Extension

Name of the SAU	Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
Total				

B. HRD activities organized in identified areas for KVK staff by ATARI

Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved

Total			

XVII. CASE STUDIES (CASE STUDIES MAY BE GIVEN IN DETAIL AS PER THE FOLLOWING FORMAT)

Each Zone should propose a minimum of three case studies with good action photographs (with captions on the backside of the hard copy of the photos) on the following topics

- Effective popularization on a larger scale of any one FLD technology and its role in transformation of district agriculture with respect to that particular crop or enterprise*
- Performance of the end results of any one technology assessed, its refinement if any and its impact in district agriculture with respect to that crop or enterprise*
- Effect of production and supply of seeds and planting material / animal breed / or bio-product and its impact on district agriculture with respect to that crop/ enterprise/ bio-product*

The general format for preparing the above case studies are furnished below

Name of the KVK

TITLE

Introduction

KVK intervention

Output

Outcome

Impact

XVIII Status of Revolving fund

Financial Year	Opening balance (Rupees in lakh)	Income during the year (Rupees in lakh)	Expenditure during the year (Rupees in lakh)	Closing Balance (Rupees in lakh)
2025	11.47	10.56	11.40	10.63

XIX. Achievement of Special programmes

1) Achievement of skill development training funded by DAC&FW

S. No.	SubSector*	QP Name *	Duration (hrs)	No. of Courses Organized	No. of Participants						TOTAL
					SCs/STs		Others		Total		
					Male	Female	Male	Female	Male	Female	
1	Agriculture Crop Production	Jute and Mesta Cultivator	200								
2	Agriculture Crop Production	Vineyard Grower	200								
3	Agriculture Crop Production	Vineyard Worker	200								
4	Agriculture Crop Production	Makhana Grower cum Processor	200								
5	Agriculture Crop Production	Temperate Fruit Grower (Options: Apple / Pear, Peach and Plum / Kiwi)	200								
6	Agriculture Crop Production	Orchard Worker (Options: Trainer-Pruner / Machine Operator – Landscape)	200								
7	Agriculture Crop Production	Vegetable Grower	200								
8	Agriculture Crop Production	Spice Crop Cultivator (Electives: Herbal Spices/Seed Spices/Tree Spices/Rhizomatous Spices/Oil Yielding Spices/Pod (Cardamom) Spices)	200								
9	Agriculture Crop Production	Nursery Worker	200								
10	Agriculture Crop Production	Essential Oil Extractor	200								
11	Agriculture Crop Production	Power Tiller Operator	200								
12	Agriculture Crop Production	Farm Worker	200								
13	Animal Husbandry	Goat Farmer	200								
14	Animal Husbandry	Piggery Farmer (Electives: Fattening/ Breeding)	200								
15	Fisheries	Coldwater Aquaculture Farmer	200								
16	Fisheries	Seaweed Cultivator	200								
17	Forestry, Environment and Renewable Energy Management	Timber Grower	200								
18	Forestry, Environment and Renewable Energy Management	Lac Cultivator	200								
19	Agriculture Industries	Ripening Chamber Operator	200								

20	Agriculture Industries	Group Farming Practitioner	200								
21	Agriculture Industries	Agri Commodity Fumigation Operator	200								
22	Agriculture Industries	Plant Tissue Culture Technician	200								
23	Agriculture Crop Production	Flower Handler-Packaging & Palletising	212								
24	Agriculture Crop Production	Tropical/Subtropical Fruit Grower	220								
25	Agriculture Crop Production	Florist	220								
26	Agriculture Crop Production	Service and Maintenance Technician-Farm Machinery	220								
27	Fisheries	Cage Culture Fish Farmer	230								
28	Agriculture Crop Production	Pesticide & Fertilizer Applicator	232								
29	Agriculture Crop Production	Operator-Reaper, Thresher and Crop Residue Machinery	236								
30	Animal Husbandry	Stud Farm Worker	240								
31	Animal Husbandry	Companion Animal Groomer	244								
		TOTAL									

2) Achievements under Crop Residue Management (CRM) Project by KVKs

a) CRM Machinery status of the CRM KVKs

Name of machine	Name of machine procured	No. of demo conducted	Area covered (ha)	No. of farmers covered	Result					
					Demo yield (q/ha)	Check yield (q/ha)	Increase in yield %	Cost of cultivation (Rs/ha)	Net return (demo plot)	B:C ratio
Happy Seeder										
Reversible M.B. Plough										
Paddy Straw Chopper/ Shredder / Mulcher										
Zero Till Drill										
Rotavator										
Tractor										
Total										

S.No.	Name of the Machine/ Equipment	No. of machines procured
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1	Happy Seeder	
2	Reversible M.B. Plough	
3	Paddy Straw Chopper/ Shredder / Mulcher	
4	Zero Till Drill	
5	Rotavator	
6	Tractor	
	Total	

b) IEC activities organized under CRM Project by KVKs

S. No.	Name of IEC activity	No. of activities	No. of Participants
	Kisan Melas organized		
1.	Awareness programmes conducted at Village Panchayat/ Block/ District Level		
2.	Mobilization of schools and colleges through essay completion, painting, debate etc.		
3.	Demonstration conducted (ha)		
4.	Training Programmes conducted		
5.	Exposure visits organized		
6.	Field /harvest days organized		
	Total		

b) Other IEC activities organized under CRM Project by KVKs

S. No.	Name of IEC activity	No. of activities
1.	Advertisement in Print media	
2.	Column / Articles in newspaper and magazines etc.	
3.	Hoarding fixed (at Mandi/ Road side/Market/ Schools/ Petrol pump/ Panchayat etc.)	
4.	Poster/Banner placed	
5.	Publicity material - leaflets/ pamphlets etc. distributed	
6.	TV programmes/ panel discussions Doordarshan/ DD-Kisan and other private channels	
7.	Wall writing	
	Total	

3) Achievement of TSP (Tribal Sub Plan)

Farmer Training		Women Farmer Training		Rural Youths		Extension Personnel		Number of farmers involved			Participants in extension activities (No.)	Production of seed (q)	Production of Planting material (Number in lakh)	Production of Livestock strains (Number in lakh)	Production of fingerlings (Number in lakh)	Testing of Soil, water, plant, manures samples (Number)
No. of Trainings/Demos	No. of Farmers	No. of Trainings/Demos	No. of Women Farmers	No. of Trainings/Demos	No. of Youths	No. of Trainings/Demos	No. of Ext. Person	On- farm trials	Frontline demos	Mobile agro-advisory to farmers						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

4) Achievement of KSHAMTA (Knowledge Systems And Home Based Agricultural Management in Tribal Areas)

Number of Adopted Villages	No. of Activities		No. of farmers benefited	
	Demo	Training	Demo	Training

5) Achievements of SCSP KVKs

Farmer Training		Women Farmer Training		Rural Youths		Extension Personnel		Number of farmers involved			Participants in extension activities (No.)	Production of seed (q)	Production of Planting material (Number in lakh)	Production of Livestock strains (Number in lakh)	Production of fingerlings (Number in lakh)	Testing of Soil, water, plant, manures samples (Number)
No. of Trainings/Demos	No. of Farmers	No. of Trainings/Demos	No. of Women Farmers	No. of Trainings/Demos	No. of Youths	No. of Trainings/Demos	No. of Ext. Person	On- farm trials	Frontline demos	Mobile agro-advisory to farmers						

6) Achievement under IFS KVKs

Sl. No.	Component Name	No. of Components established	Area (ha)	Number of Activities		No. of farmers benefited	
				Demo	Training	Demo	Training
1							
2							
3							

7) Activities performed under NARI programme

Table-7.1: Details of activities performed under NARI programme

Nutritional Garden		Bio-fortified crops		Value addition		Training programmes		Extension activities	
No of Established	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries

Table-7.2: Details of Bio-Fortified Crops used for nutritional security under NARI programme

Category	Bio Fortified Crop	Variety	Area (ha)	No of Beneficiaries
Cereal	Maize			
	Rice			
	Wheat			
Millet	Finger millet			
	Pearlmillet			
	Sorghum			

Oilseed	Groundnut			
	Mustard			
Pulses	Lentil			
	Lathyras			
Vegetable	Cauliflower			
Tuber	Sweet Potato			
Total				

8) Achievements of Soil, water, plant and manure samples analyzed by KVKs and soil health cards issued

Sample	No. of Samples in lakh	No. of Farmers in lakh	No. of Villages in lakh	Amount realized (Rs. in lakhs)	No. of Soil Health Cards issued (lakhs)
Soil	0.00274	0.00274	0.00023	0	0.00274
Water					
Plant					
Manure					
Total					

9) Achievements under NICRA Project

NRM		Crop production		Livestock & Fisheries			Capacity Building		Extension Activities	
Demo	Area (ha)	Demo	Area (ha)	Demo	Area (ha)	No. of animals	No of Courses	Farmers	No. of programmes	Farmers
2	6	8	28.4	7	-	-	12	288	4	134

10) Achievements under ARYA Project

Name of entrepreneurial units	No. of entrepreneurial units established	No. of Training programs organised	No. of rural youth trained		No. of youth established units	
			Male	Female	Male	Female
Mushroom production						
Fruits and vegetable processing units,						
Horticulture nursery						
Fish farming						
Poultry						
Goat farming						
Piggery						
Duck farming						
Bee keeping						
Others if any						

11) Achievements under Pulses Seed Hub programme

Season/Crop	Name of Pulse crop	Variety	Production			Category of seed	Distributed to No. of farmers
			Target (q)	Area sown (ha)	Actual Production (q)		
Kharif	Black gram						
	Green Gram						
	Pigeon pea						
Total (Kharif)							
Rabi	Chick pea						
	Field pea						
	Lentil						
Total (Rabi)							

Summer	Black gram						
Total (Summer)							
Grand Total							

12) Achievements under Swachhata Abhiyan Mission

S.No.	Items	No. of Programmes	No. of persons participated
1	Toilet maintenance	0	
2	Road, drain cleaning	3	27
3	Garbage disposal	1	
4	Door to door awareness	1	
5	Awareness campaign	4	62
6	Nookkad Drama	0	
7	School Drama	0	
8	School rally	3	58
9	Writing painting slogans	2	39
10	Composting	1	24
ss11	Other	3	44

13) Achievements under Aspirational District Scheme

Name of programme	Number
Training	
Session No.	
No. of farmers	
Officers/staff involved	
Seed & Plant Distribution	
Programme number	
Seed distribution in q	
No. of plant distributed	
Biological products distributed	
No. of programme organised	
No. of farmers	
Officers/staff involved	
Animal husbandra & fish distribution programme	
Vaccination	

Medicine for control of parasite	
Distribution of mineral mixture	
No. of farmers	
Officers/staff involved	

14) Awards

S.No.	Category of Award (National/State/District level/other)	Name of Award received	Name of KVK/farmer	Year of Award	Date on which award received
1.	State	Appreciation Certificate (Dr Saket Dubey, SMS)	Mahasamund	2026	26.01.2026
2.	State	Appreciation Certificate (Shri Kamal Kant Lodhi)	Mahasamund	2026	26.01.2026
3.	National	Appreciation Certificate (Dr. Punitha Kartikeyan, PA Comp)	Mahasamund	2026	26.01.2026
2.	National	Appreciation Certificate (Sh Milan Vishwakarma, Progressive Farmer)	Mahasamund	2026	
3.	National	Appreciation Certificate (Mrs Vallari Chandrakar, Progressive Women Farmer)	Mahasamund	2026	

S.No.	Category of Award (National/State/District level/other)	Name of Award received	Name of KVK/farmer	Year of Award	Date on which award received

Note: Please also mention name of farmer who received the award.

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