

ANNUAL PROGRESS REPORT

January 2019 to December 2019

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Instructions for Filling the Format

- 1. Do not change/modify/ delete any column of any of the table. However, additional rows can be created, if required.**
- 2. Do not merge columns, rows.**
- 3. Please repeat the name of KVK in each table in the column “Name of KVK”**
- 4. Do not fill the non-numerical values in numeric field**
- 5. Do not repeat the unit while reporting data as it is already mentioned in the heading row**
- 6. Strictly fill the data in desired unit only. If it is reported in other unit, convert it in the desired unit**
- 7. Please mention only standard English names of crops (Do not mention Urd, Arhar, Til, Kulthi, Moong, Bajra, etc.)**
- 8. Additional relevant information may be provided at the end of Format by creating heading “Additional Information”**
- 9. Also read the instructions mentioned just below the table**
- 10. Your suggestions for improvement in the format for your simplicity as well as data compilation may be given at the end of the format**
- 11. Do not press any Enter Key in any of the columns while making entry in the columns of the table. Use only arrow key /Tab key/ mouse pointer while movement from one column/row to another.**
- 12. Grey color cells in summary table need not to be filled.**

13. Crop name should be spelled correct and standard English name should be used i.e Cereals, Pulses, Oilseed:- Rice (not use Paddy), Wheat, Barley, Kodo, Kutki, Maize, Jwar, Bajra, Pigeon pea (not use Tur, Arhar, Red gram), Blackgram (not use Urd), Greengram (not use Moong/Moongbean), Chickpea (not use Gram, Chana), Field pea, Horse gram (Kulthi), Lentil, Mustard (not use Rai, Sarsoan), Soybean, Linseed, Groundnut, Sesame (not use Til), Niger (not use Ram Til), Safflower (not use Kusum).

Vegetable:- Vegetable pea, Bottle guard, Bitter guard, Okra (not use Bhindi or Lady finger).

Fruits:- Mango, Guava, Custard apple, Pear etc.

Spices:- Black Peeper, Turmeric, Ginger, Cardamom etc.

REPORTING PERIOD – January 2019 to December 2019

Summary of KVK Annual Report (Quantifiable Achievement) for the year 2019

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
			Duration (days)	Participants
1	On Farm Testing			
	Proposed OFT	-		-
	On Going OFT	2		10
	Technologies assessed (Completed OFT)	7		35
	Technologies refined	-		-
	On farm trials conducted	9		45
2	Frontline demonstrations			
	Proposed Frontline demonstrations	-		-
	On Going Frontline demonstrations	3		30
	FLDs conducted on crops	6		65
	Area under crops (ha.)	26		65
	FLD on farm implement and tools	1		6
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	-		-
	FLD on Fisheries - Finger lings	-		-
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	1		4
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	1		4
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	43	43	1385

	Farm women	11	11	203
	Rural youth	1	1	27
	Extension personnel/ In service	2	2	38
	Vocational trainings	-	-	-
	Sponsored Training	3	69	55
	Total	16	126	1708
		No. of programmes	Participants	
4	Extension Programmes	100	3394	
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	13.53	305	
	Planting material produced (nos.)	258800	416	
6	Livestock	Qty	Beneficiaries (nos.)	
	Livestock strains (Nos)	-	-	
	Milk Yield - Cow, Buffelo etc. (in liter)	4077.4	60	
	Fish (Kg.)	22.96	15	
	Fingerlings (nos.)	-	-	
	Poultry-Eggs (nos.)	641	4	
	Ducks (nos.)	-	-	
	Chicks etc. (nos.)	1782	11	
7	Bio Products	Qty	Beneficiaries (nos.)	
	Bio Agents -Earth worm (Kg.)	20	20	
	Trichoderma (kg.)	-	-	
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	81000	Used in KVK farm	
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)	-	-	
8	Any other significant achievement in the Zone	Nos.	Participants/ beneficiaries	
	Award (Best KVK award and scientist and farmer's award)	11	11	
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	19	Mass	
	KVK News letter	4	2000	
	SAC Meetings conducted	2	37	
	Soil sample tested	37	37	
	Water sample tested	-	-	
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	1	1236	
	KVK-KMA (Message and beneficiaries)	52	83893	
	Convergence programmes	3	-	

	Sponsored programmes	3	55	
	KVK Progressive Farmers interaction	1	5	
	No. of Technology Week Celebrations	49	1643	
	Attended HRD activities organized by ZPD	6	3	
	Attended HRD activities organized by DES	15	3	
	Attended HRD activities by KVK Staff (Refresher /Short course, Training programme etc.)	4	4	
9	Current status of Revolving Funds (Amt. in Rs.)	534560		
10		No. of blocks	No. of villages	
	Outreach of KVK in the District	5	1102	
11		ICAR	SAU	Others
	No. of important visitors to KVK (nos.)	1	5	3
12		Working (Yes/No)	No. of Update	
	Status of KVK Website	Yes	52	
13		Application received	Application disposed	
	Status of RTI (nos.)	2	2	
14		Query received	Query dissolved	
	Citizen Charter (nos.)	-	-	
15		Filled	Vacant	
	Staff Position	13	3	
16	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	3		
17	Publication received from ICAR /other organization (nos.)	-		
18		Particulars	Organization	
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)	-	-	
19	Activities performed in Sansad Adarsh Gram	Nos. of Activities	Participants/ beneficiaries	
		14	1166	
20	Current status of Contingency (Amt. in Rs.)			

1. GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs on December, 2019

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Mahasamund	16	01	01	06	06	03	03	06	03	16	13

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Category
Mahasamund	Sr. Scientist & Head	Dr. Satish Kumar Verma	Horticulture	Ph. D.	Horticulture	37400-67000 + 8000 (AGP)	43250	22.09.12	OBC
Mahasamund	SMS/ Scientist 1	Shri. H. S. Tomar	Agronomy	M.Sc.	Agronomy	15600 - 39100 + 5400 (AGP)	20440	13.11.07	GEN
Mahasamund	SMS/ Scientist 2	Shri. Saket Dubey	Horticulture	M.Sc.	Horticulture	15600 - 39100 + 5400 (AGP)	20440	06.09.12	GEN
Mahasamund	SMS/ Scientist 3	Shri Arvind Nandanwar	LPM	M.V.sc.	Animal science	15600 - 39100 + 5400 (AGP)	20440	24.09.12	GEN
Mahasamund	SMS/ Scientist 4	Shri Kunal Chandrakar	Soil Science	M. Sc.	Soil Science	15600 – 9100 + 5400 (AGP)	18950	16.09.14	OBC
Mahasamund	SMS/ Scientist 5	Er. Ravish Keshri	Soil & Water Engineering	M. E.	Irrigation Water Management Engineering	15600 - 39100 + 5400 (AGP)	18950	20.10.14	GEN
Mahasamund	SMS/ Scientist 6	Dr (Mrs.) Nivedita Pathak	Home Science	M. H. Sc.	Home science	15600 - 39100 + 5400 (AGP)	27340	9.10.18	GEN
Mahasamund	Programme Assistant	Mr. S. M. Ali Humayun	Entomology	M.Sc.	Entomology	9300 - 34600 + 4200 (AGP)	11470	27.10.14	GEN
Mahasamund	Farm Manager	MR. Kamal Lodhi	Agronomy	M.Sc.	Agronomy	9300- 34600 + 4200 (AGP)	9300	31.10.19	OBC

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Category
Mahasamund	Computer Programmer	Smt.Punitha Kartikeyan	Computer Science	MCA, M. Phil	Computer Science	9300 - 34600 + 4200 (AGP)	11940	29/07/13	GEN
Mahasamund	Accountant / superintendent	Vacant	-	-	-	-	-	-	-
Mahasamund	Stenographer	Vacant	-	-	-	-	-	-	-
Mahasamund	Driver	Shri B. P. Dhruw	-	Primary	-	5200-20200 + 2200 (AGP)	14280	20/12/2005	ST
Mahasamund	Driver	Mr.Rajesh Markandey	-	10th	-	5200-20200 + 1900 (AGP)	7180	02/04/2013	SC
Mahasamund	Supporting staff, if any	Shri Khayal Das Vaishnav	-	-	-	4750-7440 + 1300 (AGP)	7670	04/02/2006	GEN
Mahasamund	Supporting staff, if any	Vacant	-	-	-	-	-	-	-

1.2. DISTRICT PROFILE (detail of geographical area, cultivation, Land, resources, opportunities, irrigation, populations etc.)–

KVK Name	Agro-climatic zone	No. of Blocks	No. of Panchayat	Population	Literacy	SC and ST Population	No. of farmers	Average land holding
Mahasamund	Chhattisgarh plain	05	545	1032275	71.54 %	SC – 139581 ST - 279896	Marginal – 157164 Small – 36445 Large - 1087	-

1.3. DETAILS OF ADOPTED VILLAGE during the reporting period

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Mahasamund	Lafinkhurd	2017	Mahasamund	14	2271	630
Mahasamund	Saradih	2017	Mahasamund	15	2380	421

1.4. THRUST AREAS identified by KVK

KVK Name	THRUST AREA
Mahasamund	Diversification of existing production systems for better profitability.
Mahasamund	Farm mechanization through improved agricultural implements
Mahasamund	Introduction of community based quality seed and planting material.
Mahasamund	Income augmentation of resource poor farm women through small scale backyard enterprise
Mahasamund	Reduction of cost of cultivation of existing major crop enterprises through better management practice
Mahasamund	To enhance crop productivity and cropping intensity under rainfed and irrigated conditions.
Mahasamund	Improve riverbed cultivation through community based.
Mahasamund	Entrepreneurship development of rural youths and woman SHG members
Mahasamund	Water management using micro irrigation
Mahasamund	Soil Test Based Crop Production System
Mahasamund	Soil health and Fertility Management
Mahasamund	Integrated Nutrient Management

1.5. PROBLEM IDENTIFIED by KVK

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Mahasamund	High yield losses due to weeds and Pest Participatory group discussion among the farmers and extension functionaries	High yield losses due to weeds and Pest Participatory group discussion among the farmers and extension functionaries.	Mahasamund, Bagbahra, pithora, Basna, Saraipali
Mahasamund	High drudgery farm implements Participatory group discussion among the farmers and extension functionaries.	High drudgery farm implements Participatory group discussion among the farmers and extension functionaries.	Mahasamund, Bagbahra, pithora, Basna, Saraipali
Mahasamund	Poor household nutritional security of farm families Participatory group discussion among the farmers and extension functionaries	Poor household nutritional security of farm families Participatory group discussion among the farmers and extension functionaries	Mahasamund, Bagbahra, pithora, Basna, Saraipali
Mahasamund	Lack of knowledge and unawareness about proper	Lack of knowledge and unawareness about proper	Mahasamund, Bagbahra,

	agricultural produce storage. Participatory group discussion among the farmers and extension functionaries	agricultural produce storage. Participatory group discussion among the farmers and extension functionaries	pithora, Basna, Saraipali
Mahasamund	Low productivity of fish pond Participatory group discussion among the farmers and extension functionaries	Low productivity of fish pond Participatory group discussion among the farmers and extension functionaries	Mahasamund, Bagbahra, pithora, Basna, Saraipali
Mahasamund	High yield losses due to weeds and Pest Participatory group discussion among the farmers and extension functionaries.	High yield losses due to weeds and Pest Participatory group discussion among the farmers and extension functionaries.	Mahasamund, Bagbahra, pithora, Basna, Saraipali
Mahasamund	High drudgery farm implements Participatory group discussion among the farmers and extension functionaries.	High drudgery farm implements Participatory group discussion among the farmers and extension functionaries.	Mahasamund, Bagbahra, pithora, Basna, Saraipali
Mahasamund	Low yield due to Improper Nutrient Management Participatory group discussion among the farmers and extension functionaries.	Low yield due to Improper Nutrient Management Participatory group discussion among the farmers and extension functionaries.	Mahasamund, Bagbahra, pithora, Basna, Saraipali

2. On Farm Testing (OFT)

Note-

- ❖ Thematic area should be spelled correct and select only on the given list.
- ❖ Crop name should be spelled correct and standard English name should be used i.e Chick pea in place of gram/chana , Paddy in place of Rice/chawal , brinjal in place of egg plant/bhata/baigan etc.
- ❖ Don't press enter key to navigate among column use arrow or tab key
- ❖ don't add space before or after statement within the table cell
- ❖ Kindly mention realistic estimated yield of your crop under trail.
- ❖ If crop has been not yet harvested, mark it * on that

Thematic Areas for OFT/FLD

Thematic Areas for OFT/FLD	Parameters Name and unit
OFT/FLD on Crops	
Agro Forestry	Yield q/ha
Crop Diversification	insect population/plant
Integrated Crop Management	No of pods/plant, No of Siliquae/plant, No. of Grain / pod
Integrated Farming system	Rhizome wt/Plant(g)
Integrated Disease Management	Disease incidence (%)
Integrated Nutrient Management	No of effective tillers/hill
Integrated Weed Management	No of weeds/m ²
Varietal Evaluation	Plant Height cm), No of pods/plant, No of Siliquae/plant, No. of Grain / pod, Fruit wt(g)
Integrated Pest Management	Insect Infestation (%), No. of Larvae or insect / meter row length
Integrated Plant Nutrient Management	No of pods/plant, No of Siliquae/plant, No. of Grain / pod Fruit Length(cm) , Fruit wt(g), No of nodules/plant
Feed and Fodder Production	Fruit Length(cm) ,
Resource conservation Technology	Plant Height(cm),
Soil Fertility Management	No of Cobs/plant
	No of Larvae/m ²
	No of Panicles/m ²
	No of Tillers/hills
	No of Bulb weight(g)

	No of Grains/panical
	No. of tubers/plant
	Weight of Curd/head (g/plant)
	No. of Siliquae or Capsule /plant
	Seedling Germination (%)
OFT/FLD on Agriculture Engineering	
Farm Mechanization	Yield (q/ha)
Resource Conservation Technology	Field Capacity (ha/hr)
Post-Harvest Management	Cleaning efficiency %
Storage loss minimization Technology	Cleaning Capacity q/hr
Small Farm Implements	weed population per m ²
	tillers/plant
	water inefficiency
	irrigation efficiency
OFT/FLD on Animal Science	
Animal Feed / Fodder Management	Milk yield (Lit/day/animal)
Animal Disease Management	Change in body weight(kg)
Animal Nutrition Management	Egg Production/bird/year
Livestock production & management	% decrease in Worm
Animal breed evaluation	Parasite control (%)
Poultry Production and management	Body weight at 6 month (kg/goat)
	Parasite infestation (%)
	Live weight (kg/bird) at 3 Month
	Growth Rate (90 days)
	Yield q/ha (Fodder)
	Mortality %
	Feed intake(%)
	Disease infestation (%)
OFT/FLD on Fisheries	
Fingerling Production in Seasonal Ponds	Yield (q/ha)
Composite Fish Farming	Yield (q/ha), ABW (kg)

Fish Nutrition	Survival Rate (%)
Fish-cum-Duck Farming	Disease incidence (%)
Fish Production & Management	
Fish Breeding	
Fish Seed Production	
Spawn to fry production	
Integrated Farming System	

2.1 Information about OFT:

OFT 1:

Title of on-farm trial:	Assessment of line sowing Mustard Variety: Chhattisgarh Sarson with traditional Utera practice
Year/Season:	Rabi 2018-19
Farming situation:	Irrigated
Problem diagnosis:	Low yield potential due to improper management practices
Thematic area:	Crop Production
No of trials:	05
No. of farmers involved	05
Type of OFT (Assessment/Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Direct seeded as Utera
T2 –Recommended Practice-	Line Sowing and Weed Management with pre emergence weedicide
T3- Recommended Practice-	
Date of sowing:	20 to 30 November 2018
Date of harvesting:	Last week of February 2019
Source of technology:	IGKV Raipur
Characteristics of technology:	Line Sowing and Weed Management with pre emergence weedicide
Name of Crop/Enterprises:	Mustard

Recommendations for Farmers	Farmers should go with Line Sowing and Weed Management with pre emergence weedicide in mustard crop
Recommendations for Deptt. Personnel	Department personnel should disseminate the above technology.
Feedback	Farmers are interested to grow the crop in line & use pre emergence weedicide because it increase the income of farmers

Result: (Economic Performance of OFT)

Details of technology	Name of Parameter	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	yield	Q/ha	8500	16500	8000	1.94
T2(Recommended Practice)	yield	Q/ha	13500	31500	18500	2.33
T3(Recommended Practice)	-	-	-	-	-	-

OFT 2:

Title of on-farm trial:	Assessment of Under Testing Paddy cultivar RRF-105 of IGKVV Raipur with Trico derma and dry seeded Rice Technique
Year/Season:	Kharif 2019
Farming situation:	Rain fed
Problem diagnosis:	Farmers are needed suitable variety for upland condition & low yield under traditional broadcasting method
Thematic area:	Varietal Evaluation
No of trials:	05
No. of farmers involved	05
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Farmers are continuously grown ten year old varieties by traditional broadcasting method
T2 –Recommended Practice-	Under Testing Paddy cultivar RRF-105 of IGKVV Raipur with Trico derma and dry seeded Rice Technique
T3- Recommended Practice-	

Date of sowing:	2 nd week of June 2019
Date of harvesting:	2 nd week of October 2019
Source of technology:	IGKVV Raipur
Characteristics of technology:	Line Sowing, Seed treatment with Trico derma
Name of Crop/Enterprises:	Rice
Recommendations for Farmers	Refinement needed
Recommendations for Deptt. Personnel	Refinement needed
Feedback	Farmers are very much happy and ready to adopt the variety because this variety is suitable for DSR method under rainfed condition

Result: (Economic Performance of OFT)

Details of technology	Name of Parameter	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	yield	Q/ha	18500	81375	62875	4.39
T2(Recommended Practice)	yield	Q/ha	19500	89745	70245	4.60
T3(Recommended Practice)						

OFT 3:

Title of on-farm trial:	Assessment of STCR based nutrient management in Mustard (Var.- CG Sarson, Targeted yield 12 q/ha.) Third year
Year/Season:	Rabi 2018-19
Farming situation:	Irrigated
Problem diagnosis:	Low yield potential due to improper management practices
Thematic area:	Nutrient Management
No of trials:	05

No. of farmers involved	05
Type of OFT (Assessment/Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Imbalance use of fertilizer (Urea 50kg/ha, DAP 100kg/ha, MOP 25 kg/ha)
T2 –Recommended Practice-	STCR based nutrient management (Yield Target 12 q/ha.) (Fertilizer applied in Kg/ha N: 124.07, P: 48.93, K: 54.07)
T3- Recommended Practice-	-
Date of sowing:	16 November 18
Date of harvesting:	26 February 19
Source of technology:	IGKV, Raipur
Characteristics of technology:	It is a targeted yield and soil test based crop response based crop production technology
Name of Crop/Enterprises:	Mustard
Recommendations for Farmers	Farmers should go with STCR based Nutrient Management in mustard crop
Recommendations for Deptt. Personnel	Department personnel should disseminate the STCR based technology.
Feedback	Farmers felt that the technology is more responsive in relation to the balance nutrition for crop, it saved the money and gave more yield.

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	Yield	q/ha.	15591	34188	18673	2.19
T2(Recommended Practice)	Yield	q/ha.	18834	50526	31692	2.68
T3(Recommended Practice)	-					

OFT 4:

Title of on-farm trial:	Assessment of Soil Health Card (SHC) based Nutrient Management in Paddy (Var.- Maheshwari)
Year/Season:	Kharif 2019
Farming situation:	Irrigated
Problem diagnosis:	Low yield potential due to improper management practices
Thematic area:	Nutrient Management
No of trials:	05
No. of farmers involved	05
Type of OFT (Assessment/Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Imbalance use of fertilizer, Dose (75:46:00) NPK kg/ha
T2 –Recommended Practice-	SHC based nutrient management
T3- Recommended Practice-	-
Date of sowing:	15 July
Date of harvesting:	30 November
Source of technology:	IGKV, Raipur
Characteristics of technology:	It is a SHC based crop production technology
Name of Crop/Enterprises:	Paddy
Recommendations for Farmers	Farmers should go with SHC based Nutrient Management in paddy crop
Recommendations for Deptt. Personnel	It is very prominent technology for every farmer and easy to adoptable. Department personnel should disseminate the SHC based technology.
Feedback	Farmers told that the technology is very suitable for balance nutrition to the crop, it saved the money and gave more yield.

Result: (Economic Performance of OFT)

Details of technology	Name of Parameter	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	Yield	q/ha.	29526	68443	38917	2.31
T2(Recommended Practice)	Yield	q/ha.	31637	90024	58387	2.84
T3(Recommended Practice)						

OFT 5:

Title of on-farm trial:	Assessment of N- Nutrient saving by application of Urea briquettes through Urea briquette applicator in transplanted Paddy
Year/Season:	Kharif 2019
Farming situation:	Irrigated
Problem diagnosis:	Low yield due to Imbalance Management of N- Nutrient
Thematic area:	Nutrient Management
No of trials:	03
No. of farmers involved	03
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Imbalance use of fertilizer, Dose (75:46:00) NPK kg/ha
T2 –Recommended Practice-	100:60:40 (N:P:K) Phosphorous through DAP, Nitrogen through Urea Briquette, and Potash through Muriate of potash. P and K apply at the time of transplanting, while Nitrogen apply as briquette within 7-10 DAT by urea briquette applicator.
T3- Recommended Practice-	-
Date of sowing:	20 July
Date of harvesting:	15 November
Source of technology:	IGKV, Raipur

Characteristics of technology:	Supply of Nitrogen through urea briquettes in slow release form.
Name of Crop/Enterprises:	Paddy
Recommendations for Farmers	It is a Nitrogen nutrient saving technology, because it slowdown the losses of nitrogen. Farmers should apply the urea briquette through briquette applicator.
Recommendations for Deptt. Personnel	It may be a cost saving technology for every farmer, department personnel should disseminate the nitrogen saving technology.
Feedback	Farmers told that the technology is very suitable for applying the nitrogen after 7-10 days of transplanting, it saved the money and gave more yield.

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	Yield	q/ha.	29121	64650	35529	2.22
T2(Recommended Practice)	Yield	q/ha.	31142	82473	51331	2.64
T3(Recommended Practice)						

OFT 6

Title of on-farm trial:	Assessment of Soil Health Card (SHC) based Nutrient Management in Wheat (Var.- GW-273)
Year/Season:	Rabi 2019-20
Farming situation:	Irrigated
Problem diagnosis:	Low yield potential due to improper management practices
Thematic area:	Nutrient Management
No of trials:	05
No. of farmers involved	05
Type of OFT (Assessment/ Refinement):	Assessment

Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Imbalance use of fertilizer, Dose (75:46:00) NPK kg/ha
T2 –Recommended Practice-	SHC based nutrient management
T3- Recommended Practice-	-
Date of sowing:	29 November
Date of harvesting:	Crop on developmental stage
Source of technology:	IGKV, Raipur
Characteristics of technology:	It is a SHC based crop production technology
Name of Crop/Enterprises:	Wheat
Recommendations for Farmers	Result Awaited
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	Result Awaited					
T2(Recommended Practice)						
T3(Recommended Practice)						

OFT 7:

Title of on-farm trial:	Assessment of Marigold propagation through Cuttings
Year/Season:	Kharif 2019

Farming situation:	Rainfed
Problem diagnosis:	Lack of availability of Planting Material
Thematic area:	Crop Production
No of trials:	05
No. of farmers involved	05
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Nursery Raising by Sowing Seeds
T2 –Recommended Practice-	Marigold propagation through Cuttings
T3- Recommended Practice-	
Date of sowing:	15.07.19
Date of harvesting:	28.11.19
Source of technology:	IGKV, Raipur
Characteristics of technology:	New Plants are developed by Vegetative Propagation
Name of Crop/Enterprises:	Marigold
Recommendations for Farmers	Marigold Plants should be developed by Vegetative Propagation “ Cuttings”
Recommendations for Deptt. Personnel	Vegetative Propagation method of Raising marigold nursery should be promoted in the district
Feedback	Early and uniform growth

Result: (Economic Performance of OFT):

Details of technology	Name of Parameter	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	Yield 131 q/ha	Q/ha.	65000	131000	66111	2.01
T2(Recommended Practice)	Yield 180 q/ha	Q/ha.	85000	180000	95000	2.11
T3(Recommended Practice)						

OFT 8:

Title of on-farm trial:	Assessment of Improved Variety of Papaya
Year/Season:	Kharif 2019
Farming situation:	Rainfed
Problem diagnosis:	Lack of Awareness about improved varieties of papaya.
Thematic area:	Crop Production
No of trials:	05
No. of farmers involved	05
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Use of Unidentified Variety by majority of Farmers and Red Lady by Big Farmers
T2 –Recommended Practice-	Use of Variety Honey Gold
T3- Recommended Practice-	
Date of sowing:	July 2019
Date of harvesting:	Awaited
Source of technology:	IGKV,Raipur
Characteristics of technology:	New & High Yielding Variety of Papaya
Name of Crop/Enterprises:	Papaya
Recommendations for Farmers	Honey Gold Variety may be adopted
Recommendations for Deptt. Personnel	Variety may be replicated after testing with Big Farmers
Feedback	-

Result: (Economic Performance of OFT): RESULT AWAITED

Details of technology	Name of Parameter	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)						
T2(Recommended Practice)						

T3(Recommended Practice)						
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2.2. Information about Extension OFT: N.A.

Title	
Season & Year	
Problem identified	
Thematic Area	
Farming situation	
Name of Technology under study	
Farmers Practice	
No. of replication (Farmers)	

Results / findings

Performance indicators/ parameters	Unit/ details

2.3. Information about Home Science OFT:

Title of on-farm trial:	
Year/Season:	
Problem diagnosis:	
Thematic area:	
No of trials:	
No. of farmers/farm women involved	
Type of OFT (Assessment/ Refinement):	
T1 – Farmers Practice-	
T2 –Recommended Practice-	

Source of technology:	
Characteristics of technology:	
Name of Crop/Enterprises:	
Farming situation:	
Date of sowing:	
Date of harvesting:	
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

(A) Economic Performance Home Science OFT: (For Drudgery Reduction)

Detail of Technology	Output *	Est. Energy Expenditure kj/min	WHR beat/min	% reduction in drudgery	% increase in efficiency	Cardiac Cost of Work	% Saving of cardiac Cost
T ₁ (Farmers Practices)							
T ₂ (Recommended Practices)							
T ₃ (Recommended Practices)							

*Kindly use Unit as per the machine/implement/equipment used for drudgery reduction

(B) Economic Performance Home Science OFT: (For Income Generation) Enterprises wise

Name of Enterprise: -.....

Detail of Technology	Parameter of enterprise	Production per unit (qt/no/lit)	Average Cost of input (Rs/unit)	Average Gross Return (Rs/unit)	Average Net Return (Rs/unit)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T ₁ (Farmers Practices)						
T ₂ (Recommended Practices)						
T ₃ (Recommended Practices)						

OFT : Value addition

Title of on-farm trial:	Assessment of different value added product from Mushroom .
Year/Season:	Rabi
Problem diagnosis:	Spoilage of Mushroom in surplus condition
Thematic area:	Value addition
No of trials:	4
No. of farmers/farm women involved	10
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment:	
T1 – Farmers Practice-	Use only fresh mushroom
T2 –Recommended Practice-	Prepare different value added product badi, bijori, pickle, Liebari from Mushroom
Source of technology:	Solan
Characteristics of technology:	<p>Mushroom pickle-1 kg mushroom,1/2 kg Mustard oil,250 gm mustard seed, Turmeric powder-10 gm, salt according to test, Vinegar-100 ml.</p> <p>Mushroom Badi – 1 kg fresh Mushroom, Urad Dal -1kg,hari dhaniya Mirch pest-40 gm</p> <p>Mushroom Papad -200 gm-Mushroom powder, 500 gm -Mung flower. black pepper- 50gm Sodium bicarbonate 10 gm., salt - according to test,</p> <p>Mushroom Lie bari-1 kg mushroom,Lie-500gm.,Curd-100gm.,til-100 gm.,sabudana-100 gm boiled, salt –according to test</p>
Name of Crop/Enterprises:	Mushroom
Farming situation:	NA
Date of sowing:	15.12.19
Date of harvesting:	14.12.19
Recommendations for Farmers	Prepare value added product in surplus condition
Recommendations for Deptt. Personnel	Recommended them for value addition
Feedback	Farm women of village appreciated these value added product

(C) Economic Performance Home Science OFT: (For value addition)

Detail of Technology	Composition of product	Production per unit	Average Cost of input (Rs/unit)	Average Gross Return (Rs/unit)	Average Net Return (Rs/unit)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T ₁ (Farmers Practices)	Fresh mushroom	-	-	-	-	-
T ₂ (Recommended Practices)	Mushroom pickle -1 kg mushroom,1/2 kg Mustard oil,250 gm mustard seed, Turmeric powder-10 gm, salt according to test, Vinegar-100 ml.	10 kg	2500	3000	500	1:1.2
	Mushroom Badi – 1 kg fresh Mushroom, Urad Dal - 1kg,hari dhaniya Mirch pest-40 gm	10 kg	3000	4000	1000	1:1.3
	Mushroom Papad -200 gm-Mushroom powder, 500 gm -Mung flower. black pepper- 50gm Sodium bicarbonate 10 gm., salt - according to test,	20 kg	4000	5000	1000	1:1.25
	Mushroom Lie bari -1 kg mushroom,Lie- 500gm.,Curd-100gm.,til-100 gm.,sabudana-100 gm boiled, salt –according to test	10 kg	2500	3000	500	1:1.2
T ₃ (Recommended Practices)						

Detail of Technology	Composition of product	Production per unit	Average Cost of input (Rs/unit)	Average Gross Return (Rs/unit)	Average Net Return (Rs/unit)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T ₁ (Farmers Practices)						
T ₂ (Recommended Practices)						
T ₃ (Recommended Practices)						

(D) Economic Performance Home Science OFT: **(For Nutritional security)**

Name of Enterprise /product: -.....

Detail of Technology	Name of Product/ enterprise	Per capita Consumption gm/ day	Nutrient Intake (Unit)				Anthropometric measurements		
			Energy (kcal)	Protein (gm)	Iron (mg)	Calcium (mg)	Increase in Weight (Kg)	Increase in Height (cm)	BMI ((Weight (Kg)/ Height(in m) * Height(in m)))
T ₁ (Farmers Practices)									
T ₂ (Recommended Practices)									
T ₃ (Recommended Practices)									

3. Achievements of Frontline Demonstrations (FLD)

3.1 Details of FLDs on Crop implemented during Jan-2019 to Dec-2019

KVK Name	Year	Season	Thematic area	Technology demonstrated	Crop Category	Name of Crop	Name of Variety	Farming Situation (rainfed/irrigated/semi-irrigated)	Completed/Ongoing	Crop-Area (ha)	Results (q/ha)		% change	No. of farmers				
											FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Mahasamund	2018-19	Rabi	INM	Application of 75% (N 20: P 40: K 20 kg/ha.) with Rhizobium @10g/kg of seed + PSB @10g/kg of seed & FYM 5 ton/ha. (Demonstration on INM in Chickpea)	Pulse	Chickpea	JG-14	Irrigated	Completed	4.8	8.41	11.35	34.95	3	2	7	0	12
Mahasamund	2019-20	Kharif	INM	Application of 75% (N:P:K-20:40:20 kg/ha.) with	Pulse	Black Gram	MASH-479	Rainfed	Completed	2.4	4.93	6.68	35.49	3	4	5	0	12

				Rhizobium + PSB @10g/kg of seed & FYM 5 ton/ha. (Demonstration on INM in Black Gram)														
Mahasamund	2019	Kharif	Crop Production	Improved Variety of Cowpea "Kashi Kanchan"	Crop Production	Cowpea	Kashi Kanchan	Rainfed	Completed	0.4	130	160	23.07	00	01	03	01	05
Mahasamund	2019	kharif	Integrated Weed Management	Demonstration of weed management in Black Gram	Pulse	Black Gram	MASH-479	Rainfed	completed	5	6.4	8.49	24.61	-	12	-	-	12
Mahasamund	2018-19	Rabi	Varietal replacement & Crop management	Demonstration of Criss-Cross sowing method of wheat in Mahasamund District	Cereal	Wheat	Ratan	Irrigated	completed	5	19.25	23.50	18.08	-	-	12	-	12
Mahasamund	2019-20	Rabi	INM	Application of 75% (N 20: P 40: K 20 kg/ha.) with Rhizobium	Pulse	Chickpea	RVG-202	Irrigated	Ongoing	4.8	Result Awaited							

				@10g/kg of seed + PSB @10g/kg of seed & FYM 5 ton/ha. (Demonstration on INM in Chickpea)														
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3.2 Economic Impact of Crop FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
Mahasamund	Demonstration on INM in Chickpea	Chickpea	Yield q/ha	8.41	11.35	12898	14921	27496	37632	14598	22711	2.13	2.52
Mahasamund	Demonstration on INM in Black Gram	Blackgram	Yield q/ha	4.93	6.68	13108	15137	28101	38076	14993	22939	2.14	2.51
Mahasamund	Demonstration of weed management in Black Gram	Black Gram	Yield (q/ha)	5.6	7.45	13890	14700	31360	41720	17470	27020	2.28	2.84

Mahasamund	Demonstration of Criss-Cross sowing method of wheat in Mahasamund District	Wheat	Yield (q/ha)	19.25	23.50	19400	21200	32725	39950	13325	18750	1.68	1.88
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3.3 Details of FLDs on Agriculture Engineering implemented during Jan-2019 to Dec-2019

KVK Name	Year	Season	Thematic area	Technology demonstrated	Crop/Enterprise Category	Name of Crop/Enterprise	Name of Variety/Technology/Enterprise	Farming Situation (rainfed/irrigated/semi-irrigated)	Completed/Ongoing	Crop-Area (ha) / Enterprise - No.	Results (q/ha)		% change	No. of farmers				
											FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Mahasamund	2019	Rabi	Farm mechanisation	Seed cum fertiliser drill	Pulses	Chickpea	Seed cum fertiliser drill	Irrigated	Ongoing		Awaited	Awaited	-	-	-	6	-	6

3.4 Economic Impact of Agriculture Engineering FLD

KVK Name	Technology demonstrated	Name of Crop/Enterprise	Parameters			Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
Mahasamund	Line sowing by seed cum fertiliser drill	Chickpea	Yield, Q./ha.	Result Awaited	-	-	-	-	-	-	-	-	-

3.5 Details of FLDs on Animal Science implemented during Jan-2019 to Dec-2019

KVK Name	Year	Season	Thematic area	Technology demonstrated	Crop/Enterprise Category	Name of Crop/Enterprise	Name of Variety/Technology/Enterprise	Farming Situation (rainfed/irrigated/semi-irrigated)	Completed/Ongoing	Crop-Area (ha) / Enterprise - No.	Results (q/ha)		% change	No. of farmers				
											FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Mahasamund	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

3.6 Economic Impact of Animal Science FLD

KVK Name	Technology demonstrated	Name of Crop/Enterprise	Parameters			Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)

3.7 Details of FLDs on Fishery implemented during Jan-2019 to Dec-2019

KVK Name	Year	Season	Thematic area	Technology demonstrated	Crop/Enterprise Category	Name of Crop/Enterprise	Name of Variety/Technology/Enterprise	Farming Situation (rainfed/irrigated/semi-irrigated)	Completed/Ongoing	Crop-Area (ha) / Enterprise - No.	Results (q/ha)		% change	No. of farmers				
											FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total

3.8 Economic Impact of fishery FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters		Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)

3.9 Information about Home Science FLDs - (For All Thematic Area)

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Enterprises	Crop-Area (ha) / Entrep - No.	Results		% change	No. of farmers				
								FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Mahasamund	2019	Rabi & Kharif	Nutrition Security	Nutritional Garden	Nutritional garden	Layout for round the year nutrition rich vegetable production, seed treatment	4	212	335	58.02	-	-	4	-	4

Economic Performance Home Science FLD: (Drudgery Reduction)

KVK name	Technology demonstrated	Performance Indicator / Parameter													
		Output *		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Cardiac Cost of Work		% Saving of cardiac Cost	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

*Kindly use Unit as per the machine/implement/equipment used for drudgery reduction

Economic Performance Home Science FLD: (Income Generation)

KVK name	Technology demonstrated	Performance Indicator / Parameter															
		Production per unit (Q/No/Lit)		Average Cost of input (Rs/unit)		Average Gross Return(Rs/unit)		Average Net Return(Rs/unit)		Benefit-Cost Ratio (Gross Return / Gross Cost)							
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2						

Economic Performance Home Science FLD: (For value addition)

KVK name	Technology demonstrated	Performance Indicator / Parameter															
		Composition of product		Production per unit (Q/ Lit)		Average Cost of input (Rs/unit)		Average Gross Return (Rs/unit)		Average Net Return (Rs/unit)		Benefit-Cost Ratio (Gross Return / Gross Cost)					
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2				

Economic Performance Home Science FLD: (For Nutritional security)

KVK name	Technology demonstrated	Performance Indicator / Parameter				Nutrient Intake (Unit)								Increase in Wt. (kg)	BMI ((Weight (Kg)/ (Height(in m) * Height(in m)))		
		Name of Product		Per capita Consumption gm/ day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)					
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2			T1	T2
Mahasamund	layout for around the year nutritious	arvi,lauki, bittergurd	Sinch,ch olai,cabbage,ca	60	290	90	168	3	7	18	25	60	75	0	3	0	.3

	vegetable production		uliflowe r ,arvi, lauki,bitt ergurd															
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3.10 Training and Extension activities conducted under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Mahasamund	Nutritional garden	Training on round the year vegetable cultivation	2	30	
Mahasamund	Mushroom	Training on value addition of Mushroom	2	21	
Mahasamund	Chickpea	Training on INM in Pulses	1	27	
Mahasamund	Black gram	Training on INM in Pulses	1	32	

3.11 Details of FLD on crop hybrids.

S. No.	Name of the KVK	Name of the Crop	Name of the Hybrids	Source of Hybrid (Institute/Firm)	No. of farmers	Area in ha.

4. Feedback System

4.1. Feedback of the Farmers to KVK

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption
Mahasamund	line sowing	seed cum fertiliser drill for line sowing	This method saves seeds, time, and labour. Also mechanical weeding is	demonstration of sowing machine which can maintain plant to plant
Mahasamund	Marigold propagation by cutting	propagation in portray	early and uniform growth	To be adopted after conducting demonstration

Mahasamund	Nutrient Management	Soil Health Card based nutrient management for	The technology maintain the nutrient level for soil and crops and gives	apply nutrient on the basis of SHC for every crops
Mahasamund	Weed Management in Black gram	Use of Pre emergence Weedicide	Weed infestation was controlled in initial level that improves crop growth	Demonstration should be done in large area
Mahasamund	Demonstration of Criss-Cross sowing method of wheat in Mahasamund District	Seed cum Fertilizer Drill used for criss-cross sowing	This method improves plant population and suppress weed	Demonstration should be done in large area
Mahasamund	Value addition of mushroom	Value addition	higher income than fresh mushroom	large area expansion

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Mahasamund	Research on development of cost effective machinery for crop residue management after paddy harvesting
Mahasamund	marigold propagation through cutting should be promoted as it may be useful for farmers further new propagation methods should be worked out for getting early and uniform seedlings
Mahasamund	Dissemination of benefit of soil health card for maintenance of soil health and reduction of cost of cultivation
Mahasamund	In Mahasamund district especially in Baghbahra block, where OFT was tested the result indicated that the research is needed to evolve some post emergence weedicide especially for black gram and green gram crop.
Mahasamund	Research should be on increasing self life of mushroom

4.3. Documentation of the need assessment conducted by the KVK for the training programme

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. of participants involved
Mahasamund	Seed treatment & Line sowing	Seed treatment by seed treating drum & sowing was done	09-07-2019	50

5. TRAINING PROGRAMMES

1. Training programmes should be strictly covered under above mentioned thematic areas only,
2. For category, training type and thematic area, mention code/abbreviations only

Table 5.1. Details of Training programmes conducted by the KVKs for Farmers

Name of KVK	Category (/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
Mahasamund	F &FW	OFC	Crop Production	Weed Management	Weed management in Black Gram, Groundnut, mustard, chickpea and linseed	5	5	-	-	20	10	74	24	55	15
-	-	-	Crop Production	Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-	-
Mahasamund	F &FW	OFC	Crop Production	Cropping Systems	Double cropping in rainfed rice areas	2	2	12	8	14	11	25	10	21	12
Mahasamund	F &FW	OFC	Crop Production	Crop Diversification	Training on cultivation of sesame in rice-rice cropping system	1	1	-	-	-	-	-	-	25	-
Mahasamund	F &FW	OFC	Crop Production	Integrated Farming	Integrated farming system	1	1	-	-	10	5	14	8	12	5
Mahasamund	F &FW	OFC	Crop Production	Micro irrigation/irrigation	Seed production	1	2	2	-	-	-	-	-	-	50
Mahasamund	F &FW	OFC	Crop Production	Seed production	Nursery management	1	1	1	-	-	-	-	50	15	-
Mahasamund	F &FW	OFC	Crop Production	Nursery management	Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
-	-	-	-	Integrated Crop Management	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	Soil & water conservation	-	-	-	-	-	-	-	-	-	-	-

Name of KVK	Category (/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
Mahasamund	F &FW	OFC	Crop Production	Integrated nutrient Management	Production of organic inputs	1	2	2	12	5	7	4	24	13	28
Mahasamund	-	-	Crop Production	Production of organic inputs	Seed production	1	2	2	-	-	-	-	-	-	50
Mahasamund	-	-	Crop Production	Others(Pl. Specify)	Nursery management	1	1	1	-	-	-	-	50	15	-
Mahasamund	F &FW	OFC	Horticulture (Vegetable Crops)	Others: Crop Production	Improved Production Technology of Watermelon and Muskmelon	01	01	4	0	2	2	5	5	6	4
Mahasamund	F &FW	OFC	Horticulture (Vegetable Crops)	Others: Crop Production	Improved Production technology of Cabbage and Cauliflower	01	01	4	2	4	2	3	1	7	2
Mahasamund	F &FW	OFC	Horticulture (Vegetable Crops)	Others: Crop Production	Improved Production technology of Chilly	01	01	01	01	4	3	1	0	8	04
Mahasamund	F &FW	OFC	Horticulture (Vegetable Crops)	Others: Crop Production	Improved Production technology of Brinjal	01	01	2	2	1	3	1	2	6	4
Mahasamund	F &FW	OFC	Horticulture (Vegetable Crops)	Others: Crop Production	Improved Production Technology of Watermelon and Muskmelon	01	01	03	2	2	0	02	2	15	0
Mahasamund	F &FW	OFC	Horticulture (Vegetable Crops)	Others: Crop Production	Improved Production technology of Tomato	01	01	4	2	3	1	2	3	07	3
Mahasamund	F &FW	OFC	Horticulture (Vegetable Crops)	Others: Crop Production	Improved Production technology of Cabbage and Cauliflower	01	01	2	2	4	2	3	2	8	4
-	-	-	Horticulture (Vegetable Crops)	Protective cultivation	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Horticulture (Vegetable Crops)	Others(Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Horticulture (Fruits)	Training and Pruning	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Horticulture (Fruits)	Layout and Management of Orchards	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Horticulture	Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-	-

Name of KVK	Category (/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants											
								Gen		SC		ST		Others					
								M	F	M	F	M	F	M	F				
			(Fruits)																
-	-	-	Horticulture (Fruits)	Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Horticulture (Fruits)	Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Horticulture (Fruits)	Export potential fruits	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Horticulture (Fruits)	Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Horticulture (Fruits)	Plant propagation techniques	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Horticulture (Fruits)	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mahasamund	F & FW	OFC	Horticulture (Ornamental Plants)	Nursery Management	Production technology of Marigold through Cuttings	01	01	3	4	6	0	5	0	7	0				
-	-	-	Horticulture (Ornamental Plants)	Management of potted plants	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Horticulture (Ornamental Plants)	Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Horticulture (Ornamental Plants)	Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Horticulture (Ornamental Plants)	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Horticulture(Plan tation crops)	Production and Management technology	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Name of KVK	Category (/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
-	-	-	Horticulture(Plantation crops)	Processing and value addition	-	-	-	-	-	-	-	-	-	-	
-	-	-	Horticulture(Plantation crops)	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	
-	-	-	Horticulture(Tuber crops)	Production and Management technology	-	-	-	-	-	-	-	-	-	-	
-	-	-	Horticulture(Tuber crops)	Processing and value addition	-	-	-	-	-	-	-	-	-	-	
-	-	-	Horticulture(Tuber crops)	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	
Mahasamund	F &FW	OFC	Horticulture(Spices)	Production and Management technology	Improved Production technology of Coriander and Fenugreek	01	01	4	2	1	3	2	2	5	3
-	-	-	Horticulture(Spices)	Processing and value addition	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Horticulture(Spices)	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Horticulture(Medicinal and Aromatic Plants)	Nursery management	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Horticulture(Medicinal and Aromatic Plants)	Production and management technology	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Horticulture(Medicinal and Aromatic Plants)	Post harvest technology and value addition	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Horticulture(Medicinal and Aromatic Plants)	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-
Mahasamund	F &FW	OFC	Soil Health and Fertility	Soil fertility management	Procedure of soil sampling and soil testing and importance of soil health card	2	2	3	-	14	1	11	3	21	-

Name of KVK	Category (/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants											
								Gen		SC		ST		Others					
								M	F	M	F	M	F	M	F				
			Management																
-	-	-	Soil Health and Fertility Management	Integrated water management	-	-													
Mahasamund	F &FW	OFC	Soil Health and Fertility Management	Integrated Nutrient Management	Integrated nutrient management in Rabi and Kharif crops	2	2	2	-	9	2	12	4	18	3				
Mahasamund	F &FW	OFC	Soil Health and Fertility Management	Production and use of organic inputs	Vermicomposting technique , Various technique of organic farming	2	2	3	-	4	-	7	2	24	4				
-	-	-	Soil Health and Fertility Management	Management of Problematic soils	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mahasamund	F &FW	OFC	Soil Health and Fertility Management	Micro nutrient deficiency in crops	Deficiency Symptoms and their management of micronutrient	1	1	1	-	5	1	3	1	17	3				
Mahasamund	F &FW	OFC	Soil Health and Fertility Management	Nutrient Use Efficiency	Biofertilizer application technology	2	2	3	1	10	2	16	2	9	-				
Mahasamund	F &FW	OFC	Soil Health and Fertility Management	Balance Use of fertilizer	Importance and advances of balance fertilization	2	2	4	-	11	2	8	1	19	2				
-	-	-	Soil Health and Fertility Management	Soil & water testing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mahasamund	F &FW	OFC	Soil Health and Fertility Management	Organic Farming	Various techniques of organic farming. Importance of organic farming	2	2	3	-	9	2	14	-	16	2				
-	-	-	Soil Health and Fertility Management	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Name of KVK	Category (/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
-	-	-	Livestock Production and Management	Dairy Management	-	-	-	-	-	-	-	-	-	-	
-	-	-	Livestock Production and Management	Poultry Management	-	-	-	-	-	-	-	-	-	-	
-	-	-	Livestock Production and Management	Piggery Management	-	-	-	-	-	-	-	-	-	-	
-	-	-	Livestock Production and Management	Rabbit Management	-	-	-	-	-	-	-	-	-	-	
-	-	-	Livestock Production and Management	Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-	
-	-	-	Livestock Production and Management	Disease Management	-	-	-	-	-	-	-	-	-	-	
-	-	-	Livestock Production and Management	Feed & fodder technologies	-	-	-	-	-	-	-	-	-	-	
-	-	-	Livestock Production and Management	Production of quality animal products	-	-	-	-	-	-	-	-	-	-	
-	-	-	Livestock Production and Management	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	
Mahasamund	FW	OFC	Home Science/Women empowerment	Household food security by kitchen gardening and nutrition gardening	Training on field preparation for Nutritional garden	01	1	0	2	0	1	1	2	5	7
-	-	-	Home	Design and development	-	-	-	-	-	-	-	-	-	-	-

Name of KVK	Category (/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants											
								Gen		SC		ST		Others					
								M	F	M	F	M	F	M	F				
			Science/Women empowerment	of low/minimum cost diet															
-	-	-	Home Science/Women empowerment	Designing and development for high nutrient efficiency diet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Home Science/Women empowerment	Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Home Science/Women empowerment	Processing & cooking	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mahasamund	FW	OFC	Home Science/Women empowerment	Gender mainstreaming through SHGs	Income generation activity for SHGs	02	-	2	-	-	1	-	-	-	-	-	-	-	13
-	-	-	Home Science/Women empowerment	Storage loss minimization techniques	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mahasamund	FW	OFC	Home Science/Women empowerment	Value addition	Value addition of Vegetable	01	01	-	-	-	-	-	-	-	-	-	-	-	17
Mahasamund	FW	OFC	Home Science/Women empowerment	Women empowerment	Women empowerment through Mushroom Production	01	07	1	-	1	-	-	3	-	-	-	-	-	8
Mahasamund	FW	OFC	Home Science/Women empowerment	Location specific drudgery reduction technologies	Balance diet for lactating mother	01	01	-	-	-	2	-	6	-	-	-	-	-	2
Mahasamund	FW	OFC	Home Science/Women empowerment	Women and child care	Health care of late adolescents	01	01	4	5	2	2	5	2	16	14				
-	-	-	Home Science/Women	Rural Crafts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Name of KVK	Category (/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants											
								Gen		SC		ST		Others					
								M	F	M	F	M	F	M	F				
			empowerment																
Mahasamund	FW	OFC	Home Science/Women empowerment	Women and child care	Health care of women and adolescent girl	02	02	-	2	-	17	-	11	-	18				
Mahasamund	FW	OFC	Home Science/Women empowerment	Others (Pl. Specify)	Nutrition garden and Importance of Drip	01	01	1	-	8	1	9	-	11	-				
Mahasamund	FW	OFC	Home Science/Women empowerment	Others (Pl. Specify)	Health care in summer season	01	-	-	-	-	-	-	8	-	4				
Mahasamund	F & FW	OFC	Agril. Engineering	Farm machinery & its maintenance	importance of line sowing by seed cum fertiliser drill	02	02	8	0	2	0	4	0	25	0				
Mahasamund	F & FW	OFC	Agril. Engineering	Installation and maintenance of micro irrigation systems	Operation and maintenance of drip irrigation system, Fertigation system, Sprinkler irrigation system	03	03	18	0	3	0	5	0	32	-				
Mahasamund	F & FW	OFC	Agril. Engineering	Use of Plastics in farming practices	Utilisation of plastic mulching in horticulture	02	02	7	0	1	0	3	0	21	0				
-	-	-	Agril. Engineering	Production of small tools and implements	-	-	-	-	-	-	-	-	-	-	-				
-	-	-	Agril. Engineering	Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-				
-	-	-	Agril. Engineering	Small scale processing and value addition	-	-	-	-	-	-	-	-	-	-	-				
-	-	-	Agril. Engineering	Post Harvest Technology	-	-	-	-	-	-	-	-	-	-	-				
-	-	-	Agril. Engineering	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-				
-	-	-	Plant Protection	Integrated Pest Management	-	-	-	-	-	-	-	-	-	-	-				
-	-	-	Plant Protection	Integrated Disease Management	-	-	-	-	-	-	-	-	-	-	-				

Name of KVK	Category (/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
-	-	-	Plant Protection	Bio0control of pests and diseases	-	-	-	-	-	-	-	-	-	-	
-	-	-	Plant Protection	Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-	
-	-	-	Plant Protection	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	
-	-	-	Fisheries	Integrated fish farming	-	-	-	-	-	-	-	-	-	-	
-	-	-	Fisheries	Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-	
-	-	-	Fisheries	Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-	
-	-	-	Fisheries	Composite fish culture	-	-	-	-	-	-	-	-	-	-	
-	-	-	Fisheries	Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-	-	-	
-	-	-	Fisheries	Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-	-	-	
-	-	-	Fisheries	Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-	
-	-	-	Fisheries	Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-	
-	-	-	Fisheries	Shrimp farming	-	-	-	-	-	-	-	-	-	-	
-	-	-	Fisheries	Edible oyster farming	-	-	-	-	-	-	-	-	-	-	
-	-	-	Fisheries	Pearl culture	-	-	-	-	-	-	-	-	-	-	
-	-	-	Fisheries	Fish processing and value addition	-	-	-	-	-	-	-	-	-	-	
-	-	-	Fisheries	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	
-	-	-	Production of Input at site	Seed Production	-	-	-	-	-	-	-	-	-	-	
-	-	-	Production of Input at site	Planting material production	-	-	-	-	-	-	-	-	-	-	

Name of KVK	Category (/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
-	-	-	Production of Input at site	Bio0agents production	-	-	-	-	-	-	-	-	-	-	
-	-	-	Production of Input at site	Bio0pesticides production	-	-	-	-	-	-	-	-	-	-	
-	-	-	Production of Input at site	Bio0fertilizer production	-	-	-	-	-	-	-	-	-	-	
-	-	-	Production of Input at site	Vermi0compost production	-	-	-	-	-	-	-	-	-	-	
-	-	-	Production of Input at site	Organic manures production	-	-	-	-	-	-	-	-	-	-	
-	-	-	Production of Input at site	Production of fry and fingerlings	-	-	-	-	-	-	-	-	-	-	
-	-	-	Production of Input at site	Production of Bee0colonies and wax sheets	-	-	-	-	-	-	-	-	-	-	
-	-	-	Production of Input at site	Small tools and implements	-	-	-	-	-	-	-	-	-	-	
-	-	-	Production of Input at site	Production of livestock feed and fodder	-	-	-	-	-	-	-	-	-	-	
-	-	-	Production of Input at site	Production of Fish feed	-	-	-	-	-	-	-	-	-	-	
-	-	-	Production of Input at site	Mushroom production	-	-	-	-	-	-	-	-	-	-	
-	-	-	Production of Input at site	Apiculture	-	-	-	-	-	-	-	-	-	-	
-	-	-	Production of Input at site	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	
-	-	-	Capacity Building and Group Dynamics	Leadership development	-	-	-	-	-	-	-	-	-	-	

Name of KVK	Category (/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
-	-	-	Capacity Building and Group Dynamics	Group dynamics	-	-	-	-	-	-	-	-	-	-	
-	-	-	Capacity Building and Group Dynamics	Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-	
-	-	-	Capacity Building and Group Dynamics	Mobilization of social capital	-	-	-	-	-	-	-	-	-	-	
-	-	-	Capacity Building and Group Dynamics	Entrepreneurial development of farmers/youths	-	-	-	-	-	-	-	-	-	-	
-	-	-	Capacity Building and Group Dynamics	WTO and IPR issues	-	-	-	-	-	-	-	-	-	-	
-	-	-	Capacity Building and Group Dynamics	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	
-	-	-	Agro forestry	Production technologies	-	-	-	-	-	-	-	-	-	-	
-	-	-	Agro forestry	Nursery management	-	-	-	-	-	-	-	-	-	-	
-	-	-	Agro forestry	Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-	
-	-	-	Agro forestry	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	

Table 5.2: Details of Training Programmes conducted by the KVKs for Rural Youth

Name of KVK	Category (RY)	Training Type (ONC/OFC)	Thematic Area of training	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
-	RY	-	Nursery Management of Horticulture crops	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Training and pruning of orchards	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Commercial fruit production	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Integrated farming	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Seed production	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Production of organic inputs	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Planting material production	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Vermi culture	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Mushroom Production	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Bee keeping	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Sericulture	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Value addition	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Small scale processing	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Post Harvest Technology	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Tailoring and Stitching	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Rural Crafts	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Production of quality animal products	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Dairying	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Quail farming	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Piggery	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Rabbit farming	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Poultry production	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Ornamental fisheries	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Composite fish culture	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Freshwater prawn culture	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Shrimp farming	-	-	-	-	-	-	-	-	-	-	-

Name of KVK	Category (RY)	Training Type (ONC/OFC)	Thematic Area of training	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
-	RY	-	Pearl culture	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Cold water fisheries	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Fish harvest and processing technology	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Others(Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-

Table 5.3: Details of Training Programmes conducted by the KVKs for Extension Personnel

Name of KVK	Category (IS)	Training Type (ONC/OFC)	Thematic Area of training (if other please specify name)	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
-	IS	-	Productivity enhancement in field crops	-	-	-	-	-	-	-	-	-	-	-
-	IS	-	Integrated Pest Management	-	-	-	-	-	-	-	-	-	-	-
Mahasamund	IS	OFC	Integrated Nutrient management	Importance and practices of INM	1	1	2	1	4	2	3	-	9	4
-	IS	-	Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-	-
-	IS	-	Protected cultivation technology	-	-	-	-	-	-	-	-	-	-	-
-	IS	-	Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-	-
-	IS	-	Care and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-
-	IS	-	Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-	-
-	IS	-	Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-	-
-	IS	-	Women and Child care	-	-	-	-	-	-	-	-	-	-	-
-	IS	-	Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-	-	-	-
-	IS	-	Group Dynamics and farmers organization	-	-	-	-	-	-	-	-	-	-	-

Name of KVK	Category (IS)	Training Type (ONC/OF C)	Thematic Area of training (if other please specify name)	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4		6	7	8	9	10	11	12	13	14	15
-	IS	-	Information networking among farmers	-	-	-	-	-	-	-	-	-	-	-
-	IS	-	Capacity building for ICT application	-	-	-	-	-	-	-	-	-	-	-
-	IS	-	Management in farm animals	-	-	-	-	-	-	-	-	-	-	-
-	IS	-	Livestock feed and fodder production	-	-	-	-	-	-	-	-	-	-	-
-	IS	-	Household food security	-	-	-	-	-	-	-	-	-	-	-
Mahasamund	IS	OC	Others (Value Addition)	Value addition of Papaya	01	02	-	2	-	1	-	1	-	9

Table 5.4: Details of Vocational training programmes for Rural Youth conducted by the KVKs

Name of KVK	Thematic Area	Sub Theme	Training title	Name of Crop / Enterprise	Identified Thrust Area	No of Courses	Duration of training (days)	Number of Beneficiaries							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
-	Crop production and management	Commercial floriculture	-	-	-	-	-	-	-	-	-	-	-	-	
-	Crop production and management	Commercial fruit production	-	-	-	-	-	-	-	-	-	-	-	-	
-	Crop production and management	Commercial vegetable production	-	-	-	-	-	-	-	-	-	-	-	-	
-	Crop production and management	Integrated crop management	-	-	-	-	-	-	-	-	-	-	-	-	
-	Crop production and management	Organic farming	-	-	-	-	-	-	-	-	-	-	-	-	
-	Crop production and management	Others(Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	
-	Post harvest technology and value addition	Value addition	-	-	-	-	-	-	-	-	-	-	-	-	

Name of KVK	Thematic Area	Sub Theme	Training title	Name of Crop / Enterprise	Identified Thrust Area	No of Courses	Duration of training (days)	Number of Beneficiaries							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
-	Post harvest technology and value addition	Others(PI. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	
-	Livestock and fisheries	Dairy farming	-	-	-	-	-	-	-	-	-	-	-	-	
-	Livestock and fisheries	Composite fish culture	-	-	-	-	-	-	-	-	-	-	-	-	
-	Livestock and fisheries	Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-	-	-	
-	Livestock and fisheries	Piggery	-	-	-	-	-	-	-	-	-	-	-	-	
-	Livestock and fisheries	Poultry farming	-	-	-	-	-	-	-	-	-	-	-	-	
-	Livestock and fisheries	Others(PI. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	
Mah asam und	Income generation activities	Vermi-composting	Vermicompost production technology	Vermicompost	Nutrient management	1	1	2	-	4	1	6	-	1 2	
-	Income generation activities	Production of bio-agents, bio-pesticides,	-	-	-	-	-	-	-	-	-	-	-	-	
-	Income generation activities	Bio-fertilizers etc.	-	-	-	-	-	-	-	-	-	-	-	-	
-	Income generation activities	Repair and maintenance of farm machinery & implements	-	-	-	-	-	-	-	-	-	-	-	-	
-	Income generation activities	Rural Crafts	-	-	-	-	-	-	-	-	-	-	-	-	
-	Income generation activities	Seed production	-	-	-	-	-	-	-	-	-	-	-	-	
-	Income generation activities	Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	
-	Income generation activities	Mushroom cultivation	-	-	-	-	-	-	-	-	-	-	-	-	
-	Income generation activities	Nursery, grafting etc.	-	-	-	-	-	-	-	-	-	-	-	-	
-	Income generation activities	Tailoring, stitching, embroidery, dyeing etc.	-	-	-	-	-	-	-	-	-	-	-	-	
-	Income generation activities	Agril. para0workers, para0vet training	-	-	-	-	-	-	-	-	-	-	-	-	
-	Income generation activities	Others(PI. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	
-	Agricultural Extension	Capacity building and group dynamics	-	-	-	-	-	-	-	-	-	-	-	-	
-	Agricultural Extension	Others(PI. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	

Table 5.5. Sponsored Training Programmes

Name of KVK	Client (F & FW / RY / IS)	Title	Thematic area	Sub-theme	Training Title	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
								Gen		Others		SC		ST			
								M	F	M	F	M	F	M	F		
			Crop production and management	Increasing production and productivity of crops	-	-	-	-	-	-	-	-	-	-	-		
			Crop production and management	Commercial production of vegetables	-	-	-	-	-	-	-	-	-	-	-		
Mahasamund	FW	Mushroom and spawn production for Mushroom Grower	Crop production and management	Production and value addition	Training on Mushroom and spawn production for Mushroom Grower	33	01	-	-	06	05	-	09	ASCI	165200		
Mahasamund	F&FW	Establishment and Ma	Crop production and management	Fruit Plants	Establishment and Management of Orchard	3	1	-	-	10	1	-	11	SAMETI, Raipur	20000		

Name of KVK	Client (F & FW / RY / IS)	Title	Thematic area	Sub-theme	Training Title	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
								Gen		Others		SC		ST			
								M	F	M	F	M	F	M	F		
		management of Orchard															
-	-	-	Crop production and management	Ornamental plants	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	Crop production and management	Spices crops	-	-	-	-	-	-	-	-	-	-	-	-	
Mahasamund	FW	Training on Vermicompost production for Vermicompost Pro	Crop production and management	Soil health and fertility management	Training on Vermicompost production for Vermicompost Producer	33	01	-	-	-	18	-	1	-	1	ASCI	165200

Name of KVK	Client (F & FW / RY / IS)	Title	Thematic area	Sub-theme	Training Title	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
								Gen		Others		SC		ST			
								M	F	M	F	M	F	M	F		
		ducer															
-	-	-	Crop production and management	Production of Inputs at site	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	Crop production and management	Methods of protective cultivation	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	Crop production and management	Others(Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	Post harvest technology and value addition	Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	Post harvest technology and value addition	Others(Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	Farm machinery	Farm machinery, tools and implements	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	Farm machinery	Others(Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	Livestock and fisheries	Livestock production and management	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	Livestock and fisheries	Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	Livestock and fisheries	Animal Disease Management	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	Livestock and fisheries	Fisheries Nutrition	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	Livestock and fisheries	Fisheries Management	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	Livestock and fisheries	Others(Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	Home Science	Household nutritional security	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	Home Science	Economic empowerment of women	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	Home Science	Drudgery reduction of women	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	Home Science	Others(Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	Agricultural Extension	Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-	-	-	-	-	

Name of KVK	Client (F & FW/ FW / RY/ IS)	Title	Thematic area	Sub-theme	Training Title	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
								Gen		Others		SC		ST			
								M	F	M	F	M	F	M	F		
-	-	-	Agricultural Extension	Others(Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	

Table 5.6. Details of training programme conducted for livelihood security in rural areas by the KVKs

Name of KVK	Training title	Self employed after training			Number of persons employed else where
		Type of units	Number of units	Number of persons employed	
Mahasamund	Training on Vermicompost for Vermicompost producer	Vermicompost unit	4	4	Self production
Mahasamund	Mushroom and spawn Production Technology for mushroom grower	Oyster mushroom	14	14	Self production

Table 5.7 Training Programmes for Panchayati raj Institutions Office-bearers & members

Name of KVK	Title	Thematic area	Sub-theme	Client (FW/ RY/ IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Mahasamund							-	-	-	-	-	-	-	-	-	

Table 5.8 Subject area wise details of women farmer specific training programmes organized by KVKs during Jan-Dec-2019

Area of Training	Jan-Dec-2019	
	Courses	Participants
Household food security by kitchen gardening and nutrition gardening	01	20
Design and development of low/minimum cost diet	-	-

Area of Training	Jan-Dec-2019	
	Courses	Participants
Designing and development for high nutrient efficiency diet	-	-
Minimization of nutrient loss in processing	01	06
Processing and cooking	-	-
Gender mainstreaming through SHGs	-	-
Storage loss minimization techniques	-	-
Value addition	01	23
Women empowerment	02	66
Location specific drudgery reduction technologies	-	-
Rural Crafts	-	-
Women and child care	01	10
Others-Agro-Based IGP programme Training Exposure on Sustainable Agriculture	-	-

Table 5.9 Subject area wise details of other than women farmer specific training programmes organized by KVKs during Jan-Dec-2019

Area of Training	Jan-Dec-2019	
	Courses	Participants
Crop Production	-	-
Horticulture	11	277
Soil Health and Fertility Management	-	-
Livestock Production and Management	-	-
Agril. Engineering	07	106
Plant Protection	-	-
Fisheries	-	-
Production of Input at site	-	-
Capacity Building and Group Dynamics	-	-
Agro forestry	-	-

Table 5.10 Evaluation/Follow up & Impact of the training programmes conducted by the KVK (all types of trainings)

Name of KVK	Title of the training	No. of trainees	Change in knowledge (Score)		Change in Production (q/ha)		Change in Income (Rs./ha or Rs./ year)		Impact on		
			Before	After	Before	After	Before	After	% change in knowledge, production & Income	No. of farmers/farm women adopted (no.)	No. of unit established/Area expanded (ha)
Mahasamund	Farm mechanization	123	02	04	9.73	14.12	19120	32754	24 %	51	49.3
Mahasamund	Seed treatment & Line sowing	250	5	7	6.4	8.49	17470	27020	24.61	50	53
Mahasamund	Soil health management	236	3	6	35.6	48.2	66216	89652	26.14	46	48
Mahasamund	Improved production technology of vegetable crops	238	2	6			49216	82437	32.22	52	24
Mahasamund	Mushroom production	212	2	8	-	2 Kg/bag	-	15000	55	52	52

6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants (only in no.) *								Remarks		
				Farmers (Others)		Farmers SC		Farmers ST		Extension Officials		Purpose	Topics	Crop Stages
				M	F	M	F	M	F	M	F			
Mahasamund	Agri mobile clinic	1	1	36	-	2	-	5	-	1	-	To provide technical input	INM in Mustard	Initial
Mahasamund	Animal Health Camp	1	1	79	14	3	-	7	2	6	1	Vaccination of animals	National Animal Disease Control Programme for FMD and brucellosis and AI	-
Mahasamund	Awareness programme	-	4	168	18	2	1	6	2	3	-	To create awareness about improved cultivation techniques	Improved crop production technologies	-
Mahasamund	Celebration of important days	-	8	15	52	0	1	0	3	5	1	To create awareness	-	-
Mahasamund	Diagnostic visits	04	15	45	-	15	-	45	10	10	-	Diagnose the problem in the field	Crop production	Initial, Developmental, middle and maturity
Mahasamund	Exhibition	03	06	MASS								Exhibit the technology	Mushroom, Vermicomposting, Quail and Kadaknath	-
Mahasamund	Exposure visits	10	10	253	-	2	-	6	-	-	-	Exposure to the farmers	-	-
Mahasamund	Ex-trainees Sammelan	01	1	21	-	-	-	2	-	-	-	review the technology adopted	-	-
Mahasamund	Farm advisory Services	12	12	277	-	2	-	4	-	-	-	To provide farm advisory	crop production	-
Mahasa	Farmers visit to	500	287	2123	63	-	-	-	-	96	16	demonstration	farm visit and problem solution	-

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants (only in no.) *								Remarks			
				Farmers (Others)		Farmers SC		Farmers ST		Extension Officials		Purpose	Topics	Crop Stages	
				M	F	M	F	M	F	M	F				
mun	KV		1		6										
Mahasamund	Field Day	8	5	65	18	50	15	36	12	10	4	Crop production technology	chickpea, Blackgram, Mustard, Groundnut, paddy, wheat, coriander, fenugreek	developmental	
Mahasamund	Group meetings	6	15	120	43	50	22	70	36	103	20	knowledge sharing	innovations and improved technologies	-	
Mahasamund	Kisan Ghosthi/Sammelan	06	6	56	10	63	10	12	15	3	10	Awareness	improved production technologies	-	
Mahasamund	Kisan Mela	03	1	132	26	52	23	56	18	19	8	Awareness programme on world soil day	Soil health card	-	
Mahasamund	Krishi Mahotsav	-	-	-	-	-	-	-	-	-	-	Awareness	improved production technologies	-	
Mahasamund	Lectures delivered as resource persons	10	12	MASS								Awareness -	improved production technologies -		
Mahasamund	Mahila Mandals conveners meetings	-	4	-	7	-	-	-	2	2	3	Women empowerment	Women empowerment		
Mahasamund	Method Demonstrations	15	5	-	46	-	5	-	5	-	17	Demonstration	improved techniques		
Mahasamund	Pradhanmantri phasal beema yojana	-	--	-	-	-	-	-	-	-	-	-	-	-	-

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants (only in no.) *								Remarks		
				Farmers (Others)		Farmers SC		Farmers ST		Extension Officials		Purpose	Topics	Crop Stages
				M	F	M	F	M	F	M	F			
Mahasamund	Scientific visit to farmers field	36	12	120	25	50	20	70	32	10	15	Diagnostic visit, data collection, demonstration	-	-
Mahasamund	Self Help Group conveners meetings	01	3	-	15	-	1	-	1	1	1	upliftment of SHGs	Value addition, income generation	-
Mahasamund	Soil health Camp	02	2	76	-	3	-	6	-	-	-	Awareness	Soil Health	
Mahasamund	Soil test campaigns	02	2	53	-	1	-	2	-	1	1	Awareness	Soil testing	
Mahasamund	Technology Week	-	-	-	-	-	-	-	-	-	-	-	-	-
Mahasamund	Radio talks	04	05	Mass								Awareness	Drip irrigation, vegetable production, mushroom production, rabi crop production	-
Mahasamund	Extension literature	05	04	Mass								Awareness	-	-
Mahasamund	TV talks	02	03	Mass								Awareness	horticultural crop production, INM, IPM	
Mahasamund	Newspaper coverage	10	12	Mass								Awareness	-	-
Mahasamund	Film Show	04	04	23	64	2	1	7	3	2	1	Awareness	-	-
Mahasamund	Others (International Women day)	-	01	-	20	-	17	-	06	-	04	Important Day Celebration	Women day	

Mass media used for wide publicity

Name of media	Number of events	Name of channel/ Newspaper used	Place of delivery or publication	Coverage of the media (Local/ Regional/National)
Radio talks	08	All India Radio	Raipur	Regional
TV talks	03	Doordarshan	Raipur	Regional
Newspaper coverage	14	DainikBhaskar, Nav Bharat, Nai Dunia, Haribhumi	Mahasamund	Local
Internet (Youtube)	-			
Social media (Whats App, Facebook, Instagram, Twitter etc.)	102	KMA KVK Mahasamund Whatsapp Group	Mahasamund	Local

7. Literature Developed/Published (with full title, author & reference)

7.1 KVK Newsletters (Jan to Dec. 2019)

KVK Name	Period	Quarter	Number of copies printed	Number of copies distributed	Type of beneficiaries receiving the newsletter (Farmer, District/block/Panchayat Official, D.M. etc.)
Mahasamund	January to March 2019	Q1	500	500	farmers, officers
Mahasamund	April to June 2019	Q2	500	500	farmers, officers
Mahasamund	July to September 2019	Q3	500	500	farmers, officers
Mahasamund	October to December 2019	Q4	500	500	farmers, officers

7.2 Literature developed/published

KVK Name	Type	Number of copies (please don't give mass please fill number only)
Mahasamund	Abstract	03
Mahasamund	Book	02
Mahasamund	Book Chapter	-
Mahasamund	Booklet	-
Mahasamund	Leaflets/ Folder/ Pamphlet	-
Mahasamund	Popular article	-
Mahasamund	Technical Bulletin	-
Mahasamund	Training Manual	-
Mahasamund	Technical Report	10
Mahasamund	Year Planner	-
Mahasamund	Others (pl. specify)	2000 (4 x 500 each)

Research paper /Review paper published during Jan to Dec. 2019

Name of KVK	Title of Research/Review paper	Authors/credit line	Name of Journal	Type of journal (National/International)	NASS Rating (2020) /impact factor
Mahasamund	Suitability of Kharif Onion Varieties in Mahasamund district of Chhattisgarh	Saket Dubey, Satish Verma, Kunal Chandrakar and Ravish Keshari	Journal of Krishi Vigyan	National	4.41

7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD/DVD)	Title of the programme	Number
Mahasamund	-	-	-

8. Production and supply of Technological products

8.1 SEED production

KVK Name	Crop Category	Name of Crop	Variety	Quantity (qt.)	Value (Rs.)	Provided to no. of Farmers/society	Expected area coverage (ha.)
Mahasamund	Oilseed	Linseed	RLC-92	3.5	20650	30	12
Mahasamund	Oilseed	Mustard	CG Sarson	4.5	20250	225	90
Mahasamund	Oilseed	Sesame	TKG-308	0.8	8640	25	10
Mahasamund	Pulses	Black Gram	MASH-479	3.0	16800	25	10
Mahasamund	Coarse Cereals	Finger Millet	ML-365	1.23	3075	-	-
Mahasamund	Fodder	Deenanath Grass	Local	0.50	-	-	-

8.2 Planting Material production

KVK Name	Major group/class	Name of Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Mahasamund	Fruit	Papaya	Red Lady/ Honey Gold	1000	2000	12	2.5
Mahasamund	Fruit	Pomegranate	Bhagawa	100	3000	10	0.25
Mahasamund	Fruit	Guava	Allahabad Safeda	100	5000	8	0.25
Mahasamund	Fruit	Karonda	Local	5000	20000	14	2.5
Mahasamund	Fruit	Custard Apple	Local	300	6000	20	0.75
Mahasamund	Fruit	Jamun	Bada	300	7500	15	0.75
Mahasamund	Fruit	Lemon	Konkan Seedless	1000	40000	16	2.5
Mahasamund	Fruit	Orange	Konkan	1000	40000	18	2.5
Mahasamund	Flower	Marigold	Pusa Basanti/ Pusa Narangi	50000	50000	32	0.08
Mahasamund	Vegetables	Tomato, Brinjal, Chilli, Onion, Cabbage, Cauliflower, Bottle Gourd	Improved variety	200000	100000	271	3.2

8.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.)

* Name of product should follow same pattern

KVK Name	List of Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Qty (in Kg)	Qty (in No.)	Value (Rs.)	Provided to no. of Farmers	Expected area coverage (ha.), if applied	
-	Bio Fertilizers	Non Symbiotic Azotobacter	-	-	-	-	-	
Mahasam und		Vermicompost	81000 kg.		6/kg	486000	16	
-		Azolla	365	-	12	4380	NA	
-		Earthworms	20	-	400	20	8000	
-		Compost	-	-	-	-	-	
-		Blue green algae						
Mahasam und		NADEP	NADEP	108000	36	432000/-	Used in KVK Farm	
-		Sanjeevani Khad	-	-	-	-	-	
-		Acetobactor	-	-	-	-	-	
-		Aspergillius	-	-	-	-	-	
-		Azatobactor	-	-	-	-	-	
-		Azospirillum	-	-	-	-	-	
-		Phosphate solublizing Bacteria	-	-	-	-	-	
-		Rhizobium	-	-	-	-	-	
-		Other (pl. sp.)	-	-	-	-	-	
-		Bio-Food	Spirulina	-	-	-	-	-
-			Honey	-	-	-	-	-
-			Any Other (pl. sp.)	-	-	-	-	-
-		Bio Pesticides	Neem extract	-	-	-	-	-

KVK Name	List of Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Qty (in Kg)	Qty (in No.)	Value (Rs.)	Provided to no. of Farmers	Expected area coverage (ha.), if applied	
-		Neem powder	-	-	-	-	-	
-		Tobacco extract	-	-	-	-	-	
-		Trichoderma viride	-	-	-	-	-	
-		Trichoderma harjinum	-	-	-	-	-	
-		Trichogramma chilonis	-	-	-	-	-	
-		Beauveria bassiana	-	-	-	-	-	
-		Metarhizium anisopliae	-	-	-	-	-	
-		Pseudomonas fluorescens	-	-	-	-	-	
-		SINPV	-	-	-	-	-	
-		HaNPV	-	-	-	-	-	
-		GF1	-	-	-	-	-	
-		Baco Lures	-	-	-	-	-	
-		Heli Lures	-	-	-	-	-	
-		Leucin Lures	-	-	-	-	-	
-		Paecilomyces	-	-	-	-	-	
-		Panchagavya	-	-	-	-	-	
-		Verticillium	-	-	-	-	-	
-		Bio Agents (Tricho card)	Trichogramma chilonis	-	-	-	-	-
-			Chrysoperla carnea	-	-	-	-	-
-			Tricho card	-	-	-	-	-
-	Any other (Pl. Specify)		-	-	-	-	-	
-	Bio Agents (Pyrilla parasitoids)	Ooincirtus papilionis	-	-	-	-	-	
-		Epiricania melanolauca	-	-	-	-	-	
Mahasam	Bio Agents(Worms)	Assinia foetida	Eisenia foetida	20 kg.	18	8000/-	20	

KVK Name	List of Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Qty (in Kg)	Qty (in No.)	Value (Rs.)	Provided to no. of Farmers	Expected area coverage (ha.), if applied
und							
-		Eudrilus eugeniae	-	-	-	-	-
-		Euclnia Uginae	-	-	-	-	-
-		Eisenia foetida	-	-	-	-	-
-		Earth worm	-	-	-	-	-
-		Any other (pl. specify)	-	-	-	-	-
-	Others	Mushroom spawn	-	-	-	-	-
-		Mineral Mixture	-	-	-	-	-
-		Cow dung (dry)	-	-	-	-	-
-		Any other (pl. specify)	-	-	-	-	-

8.4 Livestock and fisheries production

KVK Name	Type	Name of the animal / bird / aquatics	Breed	Type of Produce	Quantity		Value (Rs.)	No. of Beneficiaries
					unit (kg/qt./liter/no)	Qty.		
Mahasamund	Dairy animals	Cow	Gir	Milk	Liter	4077.4	163096.00	60
Mahasamund		Calves	Gir	Bullock	No.	1	11000.00	1
Mahasamund		Goats	Barberi	Meat (Live wt.)	Kg.	207.44	37340.00	5
-		Buffaloes	-	-	-	-	-	-
-		Sheep	-	-	-	-	-	-
-		Breeding bull	-	-	-	-	-	-
-		Other (pl specify)	-	-	-	-	-	-

KVK Name	Type	Name of the animal / bird / aquatics	Breed	Type of Produce	Quantity		Value (Rs.)	No. of Beneficiaries	
					unit (kg/qt./liter/no)	Qty.			
Mahasamund	Poultry	Poultry	Kadaknath	Bird meat	Kg	95	40466	95	
				Chicks	No.	1782	111920	11	
				Egg	No.	641	5128	4	
Mahasamund			Japanese quail	-	Bird meat chicks	No.	8600	8600.00	13
			Japanese quail eggs	-	Egg	No.	3575	35750.00	17
Mahasamund			Ducks	-	-	-	-	-	-
-			Turkey	-	-	-	-	-	-
-		Other	-	-	-	-	-	-	
-	Piggery	Piglets	-	-	-	-	-	-	
-		Boar	-	-	-	-	-	-	
-		Sow	-	-	-	-	-	-	
-		Other (pl specify)	-	-	-	-	-	-	
Mahasamund	Fisheries	Indian carp	Rohu, Katla	Fresh Meat	Kg.	22.96	2296.00	15	
-		Exotic carp	-	-	-	-	-	-	
-		Other (pl specify)	-	-	-	-	-	-	

9. Activities of Soil and Water Testing Laboratory

9.1 Details of soil samples analyzed during Jan to Dec. 2019 :

KVK Name	Status of establishment of Soil testing Laboratory (Y/N) and year, if yes	Soil Testing Kits till date		No of soil samples		No. of Samples analyzed			No. of Farmers benefited			No. of Villages covered	Amount realized	Soil health card distributed to the farmers by KVK (Nos)	
						by KVKs		By Department	By KVK		By Department			Through Mini Soil Testing kit	Through Soil testing laboratory
						Collect ed by KVKs	Provid ed by Dept./ DDA		Mini Soil Testi ng kit	Soil testing laborat ory					
		Sanction ed	Procur ed												
Mahasam und	2016-17	2	2	37	-	37	-	2864	37	-	2864	9	Nil	37	-

9.2 Details of water samples analyzed so far :

KVK Name	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Test report distributed to the farmers (Nos)
-	-	-	-	-	-

10. Rainwater Harvesting

10.1. Training programmes conducted by using Rainwater Harvesting Demonstration Unit

Name of KVK	Date	Title of the training course	Client (PF/RV/EF)	No. of Courses	No. of Participants								
					SC		ST		Other		General		Total
					Male	Female	Male	Female	Male	Female	Male	Female	
Mahasamund	-	-	-	-	-	-	-	-	-	-	-	-	

10.2. Information of Visit in Rainwater Harvesting Demonstration Unit

Name of KVK	No. of Training programmes under Rain water Harvesting	No. of Demonstration s	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)
Mahasamund	01	02	1500	1236	45

11. Training Programmes on Micro irrigation (Drip and Sprinkler)

Name of KVK	Date	Title of the training course	Client	No. of Courses	No. of Participants								
					SC		ST		Other		General		Total
					Male	Female	Male	Female	Male	Female	Male	Female	
Mahasamund	05.11.19	drip irrigation system	farmers	01	-	-	1	-	20	-	4	-	25

12. Utilization of Farmers Hostel facilities

KVK Name	Months	Year	No. of trainees/ farmers/ visitors stayed	Duration of Stay (days)	Reason for vacant farmers hostel (if any)	Accommodation available in F.H. (No. of beds)
Mahasamund	November	2019	27	05	-	20

13. Utilization of Staff Quarters facilities

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
Mahasamund			Not Available		

14. Details of SAC Meeting during Jan to Dec. 2019

KVK Name	Date of SAC meeting 2019	No. of SAC members (only) attended	Major action points*
Mahasamund	27.02.19	10	KVK should work in association with line department
Mahasamund	3.10.2019	27	Work on decomposition of paddy straw residue to discourage burning, promotion of mushroom and vermicompost production through training

15. Footfall of farmers in KVKs (Jan. 2019 to Dec. 2019)

Name of KVK	Footfall during 2019			
	No. of Farmers	No. of officials	No. of VIPs	Total
Mahasamund	2736	112	23	2871

*Separate JPEG Photographs (2-3 only)

16. Status of Kisan Mobile Advisory (KVK-KMA)

KVK	S. No.	Thematic area	Particulars	No of Calls	No of Messages sent	No. of farmers received messages	Total no of villages in District	No of village Covered by KVK through KMA
Ma has am und	1	Crop Management	Crop Production Technology	-	8	83893	-	-
			Integrated Farming	-	-	-	-	-
			Field Preparation	-	4	83893	-	-
			Any Other (Specify)	-	2	83893	-	-
	2	Weather	Advisory	-	-	-	-	-
			Change in variety	-	-	-	-	-
			Change in Sowing technique	-	-	-	-	-

KVK	S. No.	Thematic area	Particulars	No of Calls	No of Messages sent	No. of farmers received messages	Total no of villages in District	No of village Covered by KVK through KMA
			Climate forecast	-	-	-	-	-
			Any Other (Specify)	-	-	-	-	-
	3	Soil Management	Soil Testing	-	-	-	-	-
			INM	-	-	-	-	-
			Fertilizer Application	-	-	-	-	-
			Vermicomposting/ bio-waste recycling	-	-	-	-	-
			Bio-fertilizer	-	-	-	-	-
			Any Other (Specify)	-	-	-	-	-
	4		Disease & Pest Management	Disease Management	-	6	83839	-
		Pest Management		-	11	83839	-	-
		Preventive Advisory Disease Management		-	2	83839	-	-
		Preventive Advisory Pest Management		-	-	-	-	-
		Bio-pesticides		-	-	-	-	-
		Any Other (Specify)		-	-	-	-	-
	5	Nutrition Security & Women Empowerment	Nutrition Awareness	-	-	-	-	-
			Kitchen garden	-	-	-	-	-
			Value Addition and Processing	-	-	-	-	-
			Drudgery Reduction	-	-	-	-	-
			Entrepreneurship & Income Generation	-	-	-	-	-
			Advisory	-	-	-	-	-
			Any Other (Specify)	-	-	-	-	-
	6	Horticulture	Vegetable	-	6	83893	-	-
			Fruit	-	2	83893	-	-
			Hi Tech Horticulture	-	-	-	-	-

KVK	S. No.	Thematic area	Particulars	No of Calls	No of Messages sent	No. of farmers received messages	Total no of villages in District	No of village Covered by KVK through KMA
			Any Other (Specify)	-	-	-	-	-
	7	Livestock	Feed and Fodder	-	4	83893	-	-
			Dairy Management	-	2	83893	-	-
			Fisheries	-	-	-	-	-
			Poultry Management	-	1	83893	-	-
			Vaccination & Disease management	-	-	-	-	-
			Any Other(Specify)	-	-	-	-	-
	8	Farm Mechanization		-	2	83893	-	-
	9	Extension		-	-	-	-	-
	10	Organic Farming		-	-	-	-	-
	11	Marketing		-	-	-	-	-
	12	Awareness		-	02	83893	-	-
	13	Other Enterprise		-	-	-	-	-
	14	Any Other(Specify)		-	-	-	-	-

17. Status of Convergence with various agricultural schemes (Central & State sponsored)

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Name of activities organized	Name of operational Area and acreage (ha.)	Present status (Functional/Non functional)
Mahasamund	Establishment of Spawn Production Unit and Training Centre for Promotion of Mushroom Cultivation in Mahasamund District	DMFT	15.00	Mushroom Spawn Production Unit and Training	Mushroom	Functional
Mahasamund	Establishment of Poultry cum Hatchery Unit	DMFT	17.51	Demonstration Poultry cum Hatchery	Poultry cum Hatchery Unit	Functional

				Unit	
Mahasamund	Seed Multiplication	MGNREGA	11.11	seed multiplication	

18. Status of Contingency Utilization Jan-Dec-2019

Name of KVK	Total Contingency allotted (Rs.)	Fund used by KVKs (Rs)			Balance (Rs.)
		Activities	No of Activities	Exp (Rs)	
Mahasamund		OFT	3	5200/-	
		FLD (other than CFLD)			
		Training			
		Extension Activities			
		SAC Meeting			
		Special Programme (Pl. Specify)			
		Others (Pl. Specify)			

19. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance on 01 .01.2019 (Rs.)	Closing balance 31.12.2019 (Rs.)	Name of major source of revolving fund
Mahasamund	36711328700	882795	534560	farm and animal produce

20. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Award category (local/Regional/National)	Awarding Organizations	Amount received
Mahasamund	Mrs. Girija Das/Mahindra Samridhhi Award	Farmer	Regional	Mahindra	-
Mahasamund	Shri Anil Candrakar/ Mahindra Samridhhi Award	Farmer	Regional	Mahindra	-
Mahasamund	Shri Tej Kumar Sahu/	Farmer	Regional	Mahindra	

	Mahindra Samridhhi Award				
Mahasamund	Shri Teman Chandrakar/Mahindra Samridhhi Award	Farmer	Regional	Mahindra	
Mahasamund	Shri Tushar Chandrakar/Mahindra Samridhhi Award	Farmer	Regional	Mahindra & Mahindra Ltd.	
Mahasamund	Mahindra Samridhhi Award / Sh. Milan Vishwakarma	Individual	National	Mahindra Tractors	Rs 200000/-
Mahasamund	Young Scientist Award / Sh. Saket Dubey	Individual	National	Agricultural & Environmental Technology Development Society (AETDS), US Nagar Uttarakhand	Certificate and Memento
Mahasamund	Appreciation Certificate / Sh. Tushar Chandrakar	Individual	Regional	KVK Mahasamund	Certificate
Mahasamund	Appreciation Certificate / Sh. Rajendra Sahu	Individual	Regional	KVK Mahasamund	Certificate
Mahasamund	Appreciation Certificate / Sh. Milan Vishwakarma	Individual	Regional	KVK Mahasamund	Certificate
Mahasamund	Appreciation Certificate / Sh. Mohan Chandrakar	Individual	Regional	KVK Mahasamund	Certificate

21. Details of Crop cafeteria in Agro-technological Park in your KVK.

Area covered under crop cafeteria (sq. meter)	Type of crop (Cereals, Pulses, Oilseeds, Vegetables, medicinal, Spices, fruits etc.)	Name of crop	Name (s) of variety	Name of best variety of concerned crop
60	Vegetables	Brinjal	VNR-212	VNR-212
60	Vegetables	Chilli	VNR	VNR
60	Vegetables	Coriander	Pant Haritima	Pant Haritima

60	Vegetables	Cauliflower	NBH Sania	NBH Sania
60	Vegetables	Cabbage	NBH Soni	NBH Soni
200	Vegetables	Papaya	Red Lady	Red Lady
60	Vegetables	Onion	N53	N53
60	Vegetables	Spinach	All green	All green
60	Vegetables	Tomato	Karishma	Karishma
20	Forage	Maize	J-1006	J-1006
20	Forage	Maize	African Tall	African Tall
20	Forage	Sorghum	MSSG-45	MSSG-45
20	Forage	Sorghum	PC-23	PC-23
20	Forage	Perennial Sorghum	COFS-29	COFS-29
20	Forage	Bajra	Jaint Bajra	Jaint Bajra
20	Forage	Bajra	BAIF Bajra	BAIF Bajra
30	Forage	Rice Been	Vaibhan	Vaibhan
30	Forage	Cowpea	EC-4216	EC-4216
20	Forage	Stylo Grass	Stylo Hamat	Fail

22. Farm Innovators- list of 10 Farm Innovators from the District*

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farm innovator with pin code	Mobile No.
1	Mahasamund	Shri Neki Sahu	Vermicompost production and mushroom cultivation	Village: Baronda Bazar, Tahsil: Mahasamund, District: Mahasamund	09131543370
2	Mahasamund	Shri Rajendra Sahu	Paddy straw Mushroom Production	Village: Patiapali, Tahsil: Basna, District: Mahasamund	09754366411
3	Mahasamund	Shri Milan	Lac Cultivation	Village: Kurrubhata, Tahsil: Bagbahra,	09770122497,

		Vishwakarma		District: Mahasamund	076975837584
4	Mahasamund	Shri Gajanand Patel	Polyhouse flower production	Village: Chhaporadih, Tahsil: Mahasamund, District: Mahasamund	09977819939
5	Mahasamund	Shri Anil Chandrakar	Crop diversification in rabi crop for water saving (Wheat, pulse and oilseed in place of summer paddy)	Village: Saradih, Block & District: Mahasamund	M:08770857448
6	Mahasamund	Shri Mohan Chandrakar	Organic farming of black rice and purple wheat	Village: Keshwa, Tahsil: Mahasamund, District: Mahasamund	M: 09977002275
7	Mahasamund	Shri G. R. Deewan	Fishery cum horticulture	Village: Navagaon, Tahsil: Mahasamund, District: Mahasamund	
8	Mahasamund	Shri Arun Chandrakar	Floriculture and high tech horticulture	Village: Maliedih, Tahsil: Mahasamund, District: Mahasamund	M: 09926122918
9	Mahasamund	Shri Yogendra Chandrakar	high tech horticulture	Village: Gahnaghat, Tahsil: Mahasamund, District: Mahasamund	M: 0930814522
10	Mahasamund	Shri Murari Sahu	SRI cultivation	Village: Achhola, Tahsil: Mahasamund, District: Mahasamund	M: 09753413921

***Attached separate File**

23. KVK interaction with progressive farmers

KVK Name	Date and month of interaction programme with progressive farmers	No. of progressive farmers participated
Mahasamund	03.10.19	05

24. Outreach of KVK

Name of KVK	Total number of Block/villages in district		Number of Blocks		Number of Villages	
	Block	Village	Intensive	Extensive	Intensive	Extensive
Mahasamund	05	1102	05	03	15	560

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, and Awareness programmes etc.

25. Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize, if applicable.

KVK Name	Name of crop under Technology demonstration	Area under the programme/ Demonstration	No. of Farmers benefited	No of Villages Covered	No. of Extension Activities	No. of Farmers benefited by extension activities	Results/ Observation*
-	-	-	-	-	-	-	-

*Attached separate File

26. KVK Ring

KVK Name	Name of Ring Partner	Name of activities/Events organized in collaboration	No. of Participants		Lessons learnt/ Experiences gained.
			Your KVK	Other KVK	
Mahasamund	Gariyabad , Raipur	SAC meeting	27	10	suggestions from farmers and officers

27. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Mahasamund	Shri Tarun K Kannaujia	06.04.19			IRS (IT), DCIT, Kolkata	
Mahasamund	Shri Chunni Lal Sahu	17.09.19			MP, Mahasamund	
Mahasamund	Dr. A. L. Rathore	17.09.19		Dean, CARS, Mahasamund		
Mahasamund	Dr. S. K. Patil	03.10.19		HVC, IGKV, Raipur		
Mahasamund	Shri Sunil Kumar Jain	03.10.19			Collector, Mahasamund	
Mahasamund	Mrs. Vallari Chandrakar	03.10.19		Board Member, IGKV, Raipur		
Mahasamund	Dr. S. C. Mukherjee	03.10.19		DES, IGKV, Raipur		
Mahasamund	Dr. G. K. Das	12.10.19		Director Farm, IGKV, Raipur		
Mahasamund	Dr. Y. V. Singh	24.11.19	PS, IARI, New Delhi			

28. Status of KVK Website during Jan to Dec. 2019

S. No	Name of KVK	Date of start of website	Address of Website	No. of updates during 2019	No. of visitors during 2019
1	Mahasamund	February 2014	www.kvkmahasamundcg.org	52	12006

29. Status of Mobile Apps developed by KVK

Name of KVK	Year	Title of Mobile App	Link to Play Store	No. of Installs
Mahasamund	-	-	-	-

30. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
1	Mahasamund	02	0	

31. Status of Citizen Charter

Sr. No.	Name of KVK	Query received(Nos)	Query Disposed(Nos)	Remarks
1	-	-	-	-

32. Participation in HRD Programmes organized by ATARI

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Mahasamund	Dr. S. K. Verma	Senior Scientist & Head	03	<ol style="list-style-type: none"> 26th workshop of KVKs during 27-29 July, 2019 at Khajuraho (MP) Interaction of MoA&FW with awardee farmers at NASC, New Delhi during 26-27 August 2019 India International Science Festival 2019- Agricultural Scientist Meet at Kiolkata (WB) Review meeting of KVKs for QRT presentation at IGKV, Raipur

Mahasamund	Saket Dubey	Subject Matter Specialist (Horticulture)	01	ToT at ATARI Udaipur 17-19.12.19
Mahasamund	Dr. (Mrs.) Nivedita Pathak	SMS (Home Science)	02	1. National workshop on Nutri smart village Khajuraho 2. Zonal workshop on Nutri smart village and Kshamta at Raipur
	Total		06	
Name of KVK	Total Number of staff Attended HRD Programme organized by ATARI (nos)		Total Number of Programme attended (Nos)	
Mahasamund	03		06	

33. Participation in HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Mahasamund	Dr. S. K. Verma	Senior Scientist & Head	13	1. Review meeting of KVKs (CG) 2. 79 th Annual Conference of the Indian Society of Agricultural Economics, on 21-23 November, 2019 at IGKV Raipur
Mahasamund	Saket Dubey	Subject Matter Specialist (Horticulture)	01	Model Training Course on High tech Cultivation and value addition on Horticultural Crops
Mahasamund	Dr. (Mrs.) Nivedita Pathak	SMS (Home Science)	01	"Extension Strategies for mainstreaming women in agriculture and allied sector

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Mahasamund	03	15

34. Participation in HRD Programmes by KVK Staff (Refresher course, Short course, Training programme etc.)

Name of KVK	Name of Staff	Post held	Programmes attended (Nos)	Duration (days)	Type of HRD activities (Refresher course/CAFT/Summer winter school/short course)
Mahasamund	Er. Ravish	SMS (SWE)	01	03	Short course

	Keshri				
Mahasamund	Shri Kunal Chandrakar	SMS (Soil Science)	01	21	Winter School
Mahasamund	Saket Dubey	Subject Matter Specialist (Horticulture)	01	October, 14 to 21,2019 (08 days)	Model Training Course on High tech Cultivation and value addition on Horticultural Crops
MAHASAMUND	H S Tomar	SMS Agronomy	01	5	Training on "Good agricultural practices and current strategies for improved Agro-chemical use and management". Organized by NIBSM, Baronda, Raipur

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Mahasamund	04	04

35. Agri alert report (Epidemic, high serious nature problem, Cyclone etc. reported first time to ATARI, SAU, Agri. Deptt. and ICAR)

Name of KVK	Situation observed	Date of Alert sent	Type of alert (KMA,	Reported to organization
Mahasamund	-	-	-	-

36. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock /technology
	Gosthies	-		
Mahasamund	Lectures organized	01	55	Lecture delivered on CREDA training.
Mahasamund	Exhibition	04	-	Display Exhibits of Different SHGs , Different Mushroom Product, Cow dunk product, organic Rice, organic compost
-	Film show	-	-	-
-	Fair	-	-	-

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock /technology
-	Farm/ Field Visit	-	-	-
-	Diagnostic Practical's	-	-	-
Mahasamund	Distribution of Literature (No.)	4000	40000	To display KVK activity on Indira Kisan Mitan
-	-	-	-	-
Mahasamund	Distribution of Planting materials (No.)	04	200	Planting material of Mango, Jamun , Guava etc
-	Bio Product distribution (Kg)	-	-	-
-	Distribution of Bio Fertilizers (q)	-	-	-
-	Distribution of fingerlings	-	-	-
	Distribution of Livestock specimen (No.)			
Mahasamund	Total number of farmers visited the technology week	11	212	
-	Animal health camp	-	-	-
-	Awareness programme	-	-	-
-	Demonstration	-	-	-
-	Exposure visit	-	-	-
-	Ex-trainees Meet	-	-	-
-	Farmer scientist interaction	-	-	-
-	Farmers Training	-	-	-
Mahasamund	Gajarghans Unmulan Pakhwada	02	70	Technology for removal of Gajar ghas
Mahasamund	Group Meeting	3	32	For SHGs improvement Different income generation activity
Mahasamund	Jai Kisan Jai Vigyan Sangoshthi	01	30	
-	-	-	-	-
Mahasamund	Seed treatment campaign	04	56	Treatment of Chick pea with rizobium culture
Mahasamund	Self Help Group convener meet	03	88	To aware member of Self Help Group for income generation activity
-	-	-	-	-
Mahasamund	Swachha Bharat Abhiyan	30	850	Decomposition of Bio waste through Vermicompost and Bio compost, Proper decomposition of Plastic waste, Water utilization

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock /technology
Mahasamund	Others (Pl. Specify) Nutrition week	01`	250	Aware adolescent girls ,pregnant women and lactating mother

37. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Name of KVK	Crops	Variety	Area (ha)	Number of beneficiaries
-	-	-	-	-

Farmers-scientists interaction on livestock management

Name of KVK	Livestock components(Breeding/Feeding/ Health/ Housing)	Number of interactions	No. of participants
-	-	-	-

Animal health camps organized

Name of KVK	Number of camps	No. of animals Attended	No. of farmers Benefitted
-	-	-	-

Seed distribution in drought hit area

Name of KVK	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
-	-	-	-	-

Seedlings and Saplings distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
Seedlings				
-	-	-	-	-

-	-	-	-	-
Saplings				
-	-	-	-	-

Bio-control Agents

Name of KVK	Bio-control Agents	Quantity (q)	Coverage of Area (ha)	No. of farmers
-	-	-	-	-

Bio-Fertilizer

Name of KVK	Bio-Fertilizer	Quantity (kg)	Coverage of Area (ha)	No. of farmers
-	-	-	-	-

Worms Produced

Name of KVK	Worms Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers
Mahasamund	Eisenia Foetida	0.2	5	20

Large scale adoption of resource conservation technologies

Name of KVK	Crops	Variety	list of resource conservation technologies introduced	Area (ha)	Number of farmers
-	-	-	-	-	-

Awareness campaign

Name of KVK	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
-	-	-	-	-	-	-	-	-	-	-	-	-

38. Activities for Sansad Adarsh Gram

Information about Sansad Adarsh Gram

Name of KVK	Block	Village
Mahasamund	Bagbahra	Komakhan

1. Technologies to be Demonstrated

Name of Technology	Name of Crop/Enterprise	Area (ha.)	Yield	% change in Yield	No. of farmers benefitted
Demonstration of black gram	black gram	5	7.2	23.6	12

2. Extension Activities

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Diagnostic visits	105	10	10	125
Awareness programme	176	21	3	200
Farmers visit to KVK	87	24	01	112
Field Day	23	04	02	29
Group meetings	51	19	04	74
Scientific visit to farmers field	43	19	05	67

3. Training Programme

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Weed management in Black Gram, Groundnut, mustard, chickpea and linseed	149	49	02	200
Double cropping in rainfed rice areas	72	41	02	115
Training on cultivation of sesame in rice-rice cropping system	25	0	03	28
Integrated farming system	36	18	02	56
Production of organic inputs	24	71	03	98

Improved Production technology of Tomato	16	09	02	27
Improved Production technology of Brinjal	10	11	02	23

39. (a) Case study / Success Story– (best two only in the following format in separate file attached)

Name of the KVK	Mahasamund							
TITLE	Lac Cultivation							
Introduction	<p>1. Name of the Farmer : Milan Singh Vishwakarma</p> <p>2. Father's / Husband's Name : Tularam Vishwakarma</p> <p>3. Postal address, Mobile No./e-mail : Vill- Kurrubhatha, Po. – Khamhariya, Dist – Mahasamund -493445 : Mobile – 9770122497, Email- milanvishwakarma10@gmail.com</p> <p>4. Formal/informal education : 12th</p> <p>5. Resources owned by Farmer</p> <p>(i) Land (ha) : 4 ha</p> <p>(ii) Water bodies with irrigation capacity : Tube well (02 No.)</p> <p>(iii) Farm Machinery : Tools, cutter, secateurs, Power Weeder, Gator Rocking sprayer</p> <p>6. Area Under : 84 ha Lac Cultivation</p>							
KVK intervention	Technical support							
Output	Productivity Levels achieved in major income generating activity during the last five years is 20-25 Quintal per ha.							
Outcome	Year	Kusum Tree	Palas tree	Ber Tree	White Sirus	Semialata Plant	Production (Q)	Sold (Rs.)
	2014	150	32	150	50	40000	115	765000
	2015	200	45	500	150	40000	150	922000
	2016	250	200	1200	350	40000	175	1017000
	2017	300	250	1500	350	40000	204	1215200
	2018	320	256	1700	351	4000	210	1400000
Impact	Expansion of area under lac cultivation, employment and income generation							



Name of the KVK	Mahasamund			
TITLE	Mushroom Production			
Introduction	<p>1. Name of the Farmer : Rajendra Kumar Sahu</p> <p>2. Father's / Husband's Name : Venudhar Sahu</p> <p>3. Postal address, Mobile No./e-mail : Vill- Pathiapali, Bloc- Basna, Dist – Mahasamund -493445 : Mobile – 09754366411/ 09755850635, Email - rajendraraz79@gmail.com</p> <p>4. Formal/informal education : Post Graduate (Sanskrit, Hindi, Sociology)</p> <p>5. Resources owned by Farmer</p> <p>(i) Land (ha) : 1.30 ha</p> <p>(ii) Water bodies with irrigation capacity : 2 Tubewell</p> <p>(iii) Area : Paddy Straw Mushroom</p>			
KVK intervention	Technical support			
Output	Productivity levels achieved in major income generating activity during the last five years is 40-42 Quintals per Acre.			
Outcome	Sr. No	Year	Production (Q)	Sold (Rs.)
	1	2014	30	6,00,000
	2	2015	36	7,20,000
	3	2016	45	9,00,000
	4	2017	60	12,00,000
	5	2018	72	14,40,000
Impact	Additional household income and employment generation			



(b) Summary of Case study / Success Story developed by KVK

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1	Mahasamund	05	-

Success Story 1:

Crop and Variety	Chickpea/ JG-130
Name of farmer & Address	Shri. Teman Chandrakar, Village Paraswani, Block Mahasamund – Dist Mahasamund
Background information about farmer field	Farmer were Used to sown local variety of Chickpea in broadcasting method of sowing
Details of technology demonstrated	JG-130+HYV, Seed treatment with bio fertilizer, IPM, Soil test based fertilizer application
Institutional Involvement	Technical Guidance
Success Point	Integrated Pest Management Techniques, Using of Seed treatment
Farmer Feedback	Farmer is Happy with the technology demonstrated especially with pheromone trap and bird perches
Outcome Yield (q/ha)	
- Demonstration	14.8
- Potential yield of variety/technology	15-16
- District average (Previous year)	8.18
- State average (Previous year)	11
Crop and Variety	Chickpea/ JG-130

Specific Technology	Yield (q/ha)	Gross cost (Rs/ha)	Gross income (Rs/ha)	Net income (Rs/ha)	B:C ratio
Farmer practices	10.2	18500	56100	37600	3.03
Demonstration	14.8	22900	74000	51100	3.23
% Increase	45	23.78	31.90	35.90	6.6



Success Story 2:

Crop and Variety	Mustard/ CG Sarson
Name of farmer & Address	Shri. Dishu Ram Sahu, Village Saradih, Block Mahasamund – Dist Mahasamund
Background information about farmer field	Farmer were Used to sown local variety of Mustard in Utera system of sowing
Details of technology demonstrated	CG Sarson + HYV, Seed treatment with bio fertilizer, IPM, Soil test based fertilizer application
Institutional Involvement	Technical Guidance
Success Point	Integrated Pest Management Techniques, Line Sowing and Using of Seed treatment
Farmer Feedback	Farmer is Happy with the technology demonstrated especially
Outcome Yield (q/ha)	
- Demonstration	7.5
- Potential yield of variety/technology	10-15
- District average (Previous year)	6.5
- State average (Previous year)	5.6

Specific Technology	Yield (q/ha)	Gross cost (Rs/ha)	Gross income (Rs/ha)	Net income (Rs/ha)	B:C ratio
Farmer practices	4.1	8500	16400	7900	1.93
Demonstration	7.5	13000	30000	17000	2.3
% Increase	82.92	52.94	82.92	115.18	19.17



Success Story 3:

Crop and Variety	Groundnut/ kadri-6
Name of farmer & Address	Shri. LEELADHAR, Village KAUNAJHAR, Block Mahasamund – Dist Mahasamund
Background information about farmer field	Farmer were Used to sown local variety of Groundnut with no line sowing
Details of technology demonstrated	Kadri-6 +HYV, Seed traetment with bio fertiliser, IPM, Soil test based fertiliser application
Institutional Involvement	Technical Guidance
Success Point	
Farmer Feedback	Farmer is Happy with the technology demostrated
Outcome Yield (q/ha)	
1. Demonstration	15.56
2. Potential yield of variety/technology	13-15
3. District average (Previous year)	11.86
4. State average (Previous year)	12.92

Weed count (per m²)	:	-	-
Pest infestation (per m)	:	-	-
Plant height (per cm)	:	-	-
Pods/ plant (No.)	:	-	-
Yield (q/ha)	:	15.20	10.74
Technology	:	Line sowing Biofertilizer Weedicide Insecticide Regular monitoring by kvk team	
Yield Performance (q/ha)			
Potential yield of variety		15	
District average (Previous year)		11.86	
State average (Previous year)		12.30	
Success Point	:	Use of HYV, Line sowing, use of biofertilizer, use of pre emergence herbicide	
Farmer's Feedback	:	Farmer's were convinced and adopt the technology	

Economic Performance

Used Practice	Cost of Cultivation (Rs.)	Yield (q/ha)	Gross cost (Rs/ha)	Gross income (Rs/ha)	Net income (Rs/ha)	B:C ratio
Farmer practices	30400	10.74	30400	52089	21689	1.71
Demonstration	32000	14.32	32000	69452	37452	2.17
% Increase	5	25	5	25	42	21.2



Success Story 5:

KVK/Districts	:	Mahasamund	
Farmers Name	:	Penthi Ram	
Address	:	Village-Khudmudi, Block-Bagbahra, Distt.- Mahasamund	
Farmers Background information	:	He is a innovative farmer	
GPS Coordinate	:	Latitude: 21045522	
	:	Longitude: 82323453	
Name of Crop	:	Black Gram	
Variety	:	MASH479/ 2011	
Area (Acre)	:	2	
Institutional Involvement	:	Kvk mahasamund	
yield (q/ha)	:	9.12	
Important Parameters	:	Findings/results	
	:	Varity/ Practice/Intervention	Local/control
Germination	:	good	average
Plant population (per m ²)	:	sufficient	average
Weed count (per m ²)	:	-	-
Pest infestation (per m)	:	-	-
Plant height (per cm)	:	-	-
Pods/ plant (No.)	:	-	-
Yield (q/ha)	:	9.12	6.4
Technology	:	Line sowing	

		Biofertilizer Weedicide Insecticide Regular monitoring by kvk team
Yield Performance (q/ha)		
Potential yield of variety		10
District average (Previous year)		4.06
State average (Previous year)		4.6
Success Point	:	Use of HYV, Line sowing, use of biofertilizer, use of pre emergence herbicide
Farmer's Feedback	:	Farmer's were convinced and adopt the technology

Economic Performance:

Used Practice	Cost of Cultivation (Rs.)	Yield (q/ha)	Gross cost (Rs/ha)	Gross income (Rs/ha)	Net income (Rs/ha)	B:C ratio
Farmer practices	13890	6.4	13890	35840	21950	2.6
Demonstration	14700	8.49	14700	47544	32844	3.2
% Increase	5.51	24.61	5.51	24.61	33.16	18.75

