

ANNUAL ACTION PLAN

January 2022 to December 2022

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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.

PERIOD – January 2022 to December 2022

Summary of the activities

i. OFT and FLD

S.No.	KVK Name	Activity	Target		Achievement	
			No. of technologies to be assessed	No. of farmers/ beneficiaries	Number of activity	No. of farmers/ beneficiaries
1		OFT				
a.		OFT- Crops (All like Horticulture, Soil Science, Plant Protection, Agronomy, Agroforestry, Plant Breeding etc)	6	30		
b.		OFT- Agriculture Engineering	2	10		
c.		OFT- Animal Science	-	-		
d.		OFT- Fisheries	-	-		
e.		OFT- Extension	2	50		
f.		OFT- Home Science	-	-		
		Activity	Area (ha)	No. of farmers/ beneficiaries	Area (ha)	No. of farmers/ beneficiaries
2		FLD				
a.		CFLD-Oilseed (in ha)	-	-		
b.		CFLD-Pulses (in ha)	-	-		
c.		FLD- Crop All(other than CFLD) (in ha)	16.4	-		
d.		FLD- Agriculture Engineering (in ha)	10	-		
e.		FLD - Animal Science (in ha for fodder/ no. of Unit/Enterprise)	-	-		
f.		FLD - Fisheries (in ha/ no. of Unit/ Enterprise)	-	-		
g.		FLD - Extension (no. of Enterprise)	-	-		
h.		FLD - Home Science (in ha/ no. of Unit/Enterprise)	2	-		

ii. Summary of other activities

S.No.	KVK Name	Activity	Target		Achievement	
			Number of activity	No. of farmers/ beneficiaries	Number of activity	No. of farmers/ beneficiaries
3.		Training				
a.		Training-Farmers and farm women	40	-		
b.		Training-Rural youths	3	-		
c.		Training- Extension functionaries	2	-		
d.		Training- Vocational	2	-		
e.		Training- Sponsored	-	-		
f.		Extension Activities	24	-		
		Activity	Quantity quintal/number	No. of farmers/ beneficiaries	Quantity quintal/number	No. of farmers/ beneficiaries
4.		Seed Production and Planting Material				
a.		Seed Production (quintal)	38			
b.		Planting material (No.)	409100			
c.		Seedling Production (No.)	-			
d.		Sapling Production (No.)	-			
e.		Other Bio- products (Kg)	19800			
f.		Livestock strains/fish fingerling (No.)	-			
5.		Soil and Water sample	Number	No. of farmers/ beneficiaries	Number	No. of farmers/ beneficiaries
a.		Soil and Water sample testing by using Mini Soil Testing Kit (Nos.)				
b.		Soil and Water sample testing by using traditional Laboratory (Nos.)				
c.		No. of Soil health card issued by using Mini Soil Testing Kit (Nos.)				
d.		No. of Soil health card issued by using traditional Laboratory (Nos.)				
e.		Rainwater Harvesting System (Nos.)				
6.		SAC Meeting				
a.		SAC Meeting (Nos.)	-	-		

S.No.	KVK Name	Activity	Target		Achievement	
			Number of activity	No. of farmers/ beneficiaries	Number of activity	No. of farmers/ beneficiaries
b.		Proposed Date & No. of core/ official members	-	-		
		Other Activities				
7.		Literature to be Developed/Published (Nos.)	100	2000		
8 (a)		Convergence programmes (Nos.)	-	-		
8 (b)		Sponsored programmes (Nos.)	-	-		
9(a)		Details of KVK Crop cafeteria in Agro-technological Park (Area in square meter)	-	-		
9(b)		Details of KVK Crop cafeteria in Agro-technological Park (No. of Variety displayed)	-	-		
10		Case study / Success Story to be developed (Nos.)	10	-		
11		KVK Progressive Farmers interaction (Nos.)	40	-		
12		Outreach of KVK in the District (No. of blocks, no. of villages)	-	-		
13		Technology Demonstration under Tribal Sub Plan	-	-		
14		KVK Ring	1	-		
15		Important visitors to KVK	100	-		
16		Details of Technology Week Celebrations	-	-		
17		Interventions on Drought Mitigation	-	-		
18		Sansad Adarsh Gram	-	-		
19		DFI Village	9	-		
20		Nutri Smart Village				
a.		OFTs	4	-		
b.		FLDs	4	-		
c.		Trainings	4	-		
d.		Extension activities	2	-		
		Other				
21		Other Activities	-	-		

ICT Initiative

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number	No. of farmers/ beneficiaries	Number	No. of farmers/ beneficiaries	
	Status of KVK Website (no of monthly updates)	52	3000			
	Kisan Mobile Advisory (KVK-KMA)	45	87693			
	Whatsapp	15	1000			
	Facebook	05	1000			
	KVK Portal	15	50			
	Twitter	05	50000			
	Instagram	05	1000			

1. GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs

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	05	16	15

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)	152300	22.09.12	OBC
Mahasamund	SMS/ Scientist 1	Shri. H. S. Tomar	Agronomy	M.Sc.	Agronomy	15600 - 39100	69000	13.11.07	GEN

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Category
						+ 5400 (AGP)			
Mahasamund	SMS/ Scientist 2	Dr. Saket Dubey	Horticulture	Ph. D.	Horticulture	15600 - 39100 + 5400 (AGP)	69000	06.09.12	GEN
Mahasamund	SMS/ Scientist 3	Dr. Arvind Nandanwar (Study Leave)	LPM	M.V.sc.	Animal science	15600 - 39100 + 5400 (AGP)	67000	24.09.12	GEN
Mahasamund	SMS/ Scientist 4	Shri Kunal Chandrakar (Study Leave)	Soil Science	M. Sc.	Soil Science	15600 – 9100 + 5400 (AGP)	65000	16.09.14	OBC
Mahasamund	SMS/ Scientist 5	Mrs. Rajni Dharmendra Agashe	Agricultural Extension	M. Sc.	Agricultural Extension	15600 – 9100 + 5400 (AGP)	65000	22.09.14	GEN
Mahasamund	SMS/ Scientist 6	Er. Ravish Keshri	Soil & Water Engineering	M. E.	Irrigation Water Management Engineering	15600 - 39100 + 5400 (AGP)	65000	20.10.14	GEN
Mahasamund	Computer Programmer	Smt. Punitha Kartikeyan	Computer Science	MCA, M. Phil	Computer Science	9300 - 34600 + 4200 (AGP)	42300	29.07.13	GEN
Mahasamund	Programme Assistant	Mr. S. M. Ali Humayun	Entomology	M.Sc.	Entomology	9300 - 34600 + 4200 (AGP)	43600	27.10.14	GEN
Mahasamund	Farm Manager	Mr. Kamal Lodhi	Agronomy	M.Sc.	Agronomy	9300- 34600 + 4200 (AGP)	35400	31.10.19	OBC
Mahasamund	Accountant / superintendent (AG-1)	Shri Babulal Dewangan (Contractual)	-	-	-	20900 (Fixed)	20900 (Fixed)	-	-
Mahasamund	Stenographer (AG-2)	Shri Narottam Sahu (Contractual)	-	-	-	18420 (Fixed)	18420 (Fixed)	-	-
Mahasamund	Driver	Shri B. P. Dhruw	-	Primary	-	5200-20200 + 2200	47600	20.12.05	ST

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Category
						(AGP)			
Mahasamund	Driver	Mr.Rajesh Markandey	-	10th	-	5200-20200 + 1900 (AGP)	24700	02.04.13	SC
Mahasamund	Supporting staff, if any	Shri Khayal Das Vaishnav	-	-	-	4750-7440 + 1300 (AGP)	25800	04.02.06	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 Panchayats	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	Integrated Nutrient Management
Mahasamund	Mal nutrition among preschool children and adolescent girl
Mahasamund	Poor income of farm family
Mahasamund	Wastage of vegetable in surplus condition

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 agricultural produce storage. Participatory group discussion among the farmers and extension functionaries	Lack of knowledge and unawareness about proper agricultural produce storage. Participatory group discussion among the farmers and extension functionaries	Mahasamund, Bagbahra, 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
Mahasamund	Low income of farm family.	Low income of farm family. Participatory group discussion among farm women and extension Functionaries.	Mahasamund, Bagbahra, pithora, Basna, Saraipali
Mahasamund	Protein calorie malnutrition among preschool children causes stunting.	Protein calorie malnutrition among preschool children causes stunting group discussion with farm women and extension functionaries.	Mahasamund, Bagbahra, pithora, Basna, Saraipali

2. On Farm Testing (OFT)

2.1 Information about OFT:

OFT 1

Title of on-farm trial:	Assesement of Rajeshwari Vareity of IGKV Raipur with Trico derma and dry seeded Rice Technique in Rainfed Areas of Mahasamund District
	Kharif 2022
Problem diagnosis:	Farmers are needed suitable variety for upland condition & low yield under traditional broadcasting method
Thematic area: (Focus area in DFI and nutri smart initiatives)	Varietal Evaluation
No of trials:	05
No. of farmers/farm women involved	05
Type of OFT (Assessment/ Refinement):	Assesement
Details of technology selected for assessment:	
T1 – Farmers Practice-	Farmers are continuously grown ten year old varieties by traditional broadcasting method
T2 –Recommended Practice-	Rajeshwari Vareity of IGKV Raipur with Trico derma and dry seeded Rice Technique in Rainfed Areas

Source of technology:	IGKV, Raipur
Characteristics of technology:	Medium maturing variety, suitable for upland rainfed condition
Name of Crop/Enterprises:	Paddy
Farming situation:	rainfed
Date of sowing:	
Date of harvesting:	
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

OFT 2

Title of on-farm trial:	Assesment of high yielding variety of wheat under late sown irrigated conditions under Rice Wheat Cropping System
Year/Season:	Rabi 2022-23
Problem diagnosis:	Farmers are needed suitable variety of wheat under late sown irrigated conditions
Thematic area: (Focus area in DFI and nutri smart initiatives)	Varietal Evaluation
No of trials:	05
No. of farmers/farm women involved	05
Type of OFT (Assessment/ Refinement):	Assesment
Details of technology selected for assessment:	
T1 – Farmers Practice-	Farmers are continuously grown ten year old varieties by traditional broadcasting method
T2 –Recommended Practice-	High yielding variety of wheat under late sown irrigated conditions under Rice Wheat Cropping System
Source of technology:	IGKV,Raipur
Characteristics of technology:	Sharbadi grains, suitable for Chhattisgarh plain zone
Name of Crop/Enterprises:	Wheat
Farming situation:	Irrigated
Date of sowing:	

Date of harvesting:	
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

OFT 3:

Title of on-farm trial:	Assessment of row transplantation of paddy by paddy transplanter
Year/Season:	2022 Kharif
Farming situation:	Irrigated
Problem diagnosis:	Less efficiency, problems of labour, non uniformity in transplanting
Thematic area:	Farm Mechanization
No of trials:	5
No. of farmers involved	5
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Manual transplanting
T2 –Recommended Practice-	Transplanting by paddy transplanter
T3- Recommended Practice-	-
Date of sowing:	-
Date of harvesting:	-
Source of technology:	IGKV, Raipur
Characteristics of technology:	Line transplanting, labour and time efficient
Name of Crop/Enterprises:	Paddy
Recommendations for Farmers	-
Recommendations for Deptt. Personnel	-
Feedback	-

OFT 4:

Title of on-farm trial:	Assessment of paddy crop residue management by tractor operated Baler
Year/Season:	2022-23 Kharif/Rabi
Farming situation:	Irrigated/unirrigated
Problem diagnosis:	late crop residue management problem delay rabi crop, burning of crop residue create pollution and destroy soil micro organism
Thematic area:	Farm Mechanization
No of trials:	5
No. of farmers involved	5
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Burning of paddy crop residue after harvesting of paddy
T2 –Recommended Practice-	Collecting and making bundle of paddy crop residue by Tractor operated bailer machine
T3- Recommended Practice-	-
Date of sowing:	-
Date of harvesting:	-
Source of technology:	CIAE, Bhopal
Characteristics of technology:	Paddy crop residue management in less time and availability of para for animal feed
Name of Crop/Enterprises:	-
Recommendations for Farmers	-
Recommendations for Deptt. Personnel	-
Feedback	-

OFT 5:

Title of on-farm trial:	Assessment of Marigold propagation through Cuttings
Year/Season:	Kharif 2022
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-	Marigold propagation through Seeds
T2 –Recommended Practice-	Assessment of Marigold propagation through Cuttings
T3- Recommended Practice-	
Date of sowing:	
Date of harvesting:	
Source of technology:	IGKV, Raipur
Characteristics of technology:	
Name of Crop/Enterprises:	Marigold
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

OFT 6:

Title of on-farm trial:	Assessment of yield Enhancement in Bottle Gourd by application of Ethrel
Year/Season:	Rabi 2022-23
Problem diagnosis:	Lack of adoption of improved Horticulture Practices
Thematic area: (Focus area in DFI and nutri smart initiatives)	Crop Production
No of trials:	05
No. of farmers/farm women involved	05
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment:	
T1 – Farmers Practice-	No application of Plant Growth Regulators
T2 –Recommended Practice-	yield Enhancement in Bottle Gourd by application of Ethrel
Source of technology:	IGKV,Raipur

Characteristics of technology:	Application of Plant of Growth Regulators
Name of Crop/Enterprises:	Bottle Gourd
Farming situation:	Irrigated
Date of sowing:	
Date of harvesting:	
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Performance indicators/ parameters	Unit/ details	Observation		
		T1 (Farmers Practice)	T2(Recommended Practice)	T3(Recommended Practice)

2.2. Information about Extension OFT:

Extension OFT-1

Title	Study on Impact of CFLD pulses (Chickpea , Variety RBG-202) on the, Transfer of Technology , Production and Income of farmers in Mahasamund district of Chhattisgarh
Season & Year	Kharif,2022
Problem identified	The impact assessment of CFLD Pulses (Chickpea, Variety RBG-202) is not conducted yet which is vital to assess the worthiness or effectiveness of this programme.
Thematic Area	Impact assessment
Farming situation	All type
Name of Technology Intervention under study	Impact assessment of CFLD pulses (Chickpea, Variety RBG-202)
Farmers Practice	-

No. of replication (Farmers)	50 (25 –beneficiaries +25 –Non-beneficiaries)
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Extension OFT -2

Title	Study on Impact of CFLD Oilseed (Groundnut) on the, Transfer of Technology , Production and Income of farmers in Mahasamund district of Chhattisgarh
Season & Year	Rabi,2022-23
Problem identified	The impact assessment of CFLD (Groundnut) is not conducted yet which is vital to assess the worthiness or effectiveness of this programme.
Thematic Area	Impact assessment
Farming situation	All type
Name of Technology Intervention under study	Impact assessment of CFLD Oilseed (Groundnut)
Farmers Practice	-
No. of replication (Farmers)	50 (25 –beneficiaries +25 –Non-beneficiaries)

Results / findings

Performance indicators/ parameters	Unit/ details
(1)Extension gap (2)Technology Gap (3)Additional return (4)Percent increase yield (5)Technology Index	(1) Extension Gap= Potential Yield - Demonstration Yield (2) Technology Gap=Potential Yield - Demonstration Yield (3) Additional Return=Demonstration Return-Farmers Practice Return (4) Technology Index = Potential Yield - Demonstration Yield *100 Potential Yield (5) Percent increase Yield = Demonstration Yield – Farmers Yield

2.3. Information about Home Science OFT:

Title of on-farm trial:	
Year/Season:	
Problem diagnosis:	
Thematic area: (Focus area in DFI and nutri smart initiatives)	
No of trials:	
No. of farmers/farm women involved	
Type of OFT (Assessment/ Refinement):	
Details of technology selected for assessment:	
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)						

(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)						
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 other than CFLD to be implemented during Jan-2022 to Dec-2022

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	2022	Kharif	Crop Production	Demonstration on fruit bagging in Guava	Fruit	Guava	-	Rainfed		0.4								
Mahasamund	2022	Kharif	Crop Production	Demonstration on Improved Variety of Ginger		Ginger	Suprabha	Rainfed		0.4								
Mahasamund	2022	Rabi	Crop Production	Demonstration on improved variety of papaya		Papaya	VNR Amina	Irrigated		0.4								
Mahasamund	2022	Kharif	Integrated Weed Management	Demonstration of Post Emergence Herbicide for weed management in Blackgram		Black gram	Pratap1	Rainfed		5								
Mahasamund	2022	Rabi	Crop management	Demonstration of Line Sowing method of Lythyrus in Mahasamund district		Lythyrus	Mahatiwda	irrigated		5								

3.2 Economic Impact of Crop FLD other than CFLD

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)

3.3 Details of FLDs on Agriculture Engineering to be implemented during Jan-2022 to Dec-2022

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) / Entrepreneur - No.	Results (q/ha)		% change	No. of farmers				
											FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Mahasamund	2022	Kharif	Farm mechanization	Line sowing of paddy by Seed cum fertilizer drill	Cereal	Paddy	-	Rainfed	-	5	-	-	-	-	-	-	-	-
Mahasamund	2022-23	Rabi	Farm Mechanization	Line sowing of chickpea by seed cum fertilizer drill	pulse	chickpea	-	Irrigated	-	5	-	-	-	-	-	-	-	-

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)

3.5 Details of FLDs on Animal Science to be implemented during Jan-2022 to Dec-2022

KVK Name	Year	Season	Thematic area	Technology demonstrated	Crop/ Enterprise Category	Name of Crop/ Enterprise	Name of Variety/Tech nology / Enterp rise	Farming Situation (rainfed/irrig ated/semi-irrigated)	Comple ted/Ongo ing	Crop- Area (ha) / Entrep - No.	Results (q/ha)		% chang e	No. of farmers				
											FP (T ₁)	RP (T ₂)		SC	S T	Oth ers	Gener al	Total

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)

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3.6 Details of FLDs on Fishery to be implemented during Jan-2022 to Dec-2022

KVK Name	Year	Season	Thematic area	Technology demonstrated	Crop/Enterprise Category	Name of Crop/Enterprise	Name of Variety/Techology / 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

3.7 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)	RP (T ₂)

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	2022	Kharif and rabi	Nutritional Security	Demonstration on Nutritional garden for 200sq meter area	Vegetables	Lay out for round the year vegetable	200 sq meter								
Mahasamund	2022-23	Rabi	Value addition	Demonstration of paddy straw Mushroom	Mushroom	paddy straw mushroom	paddy straw mushroom								

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)						Anthropometric measurements							
		Name of Product		Per capita Consumption gm/ day		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)))	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

3.10 Training and Extension activities to be conducted under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks

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.

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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

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested

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

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 to be conducted by the KVKs for Farmers

Name of KVK	Category (F & FW/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

Name of KVK	Category (F & FW/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, Sesamum, mustard, chickpea, Linseed and wheat	7	7								
Mahasamund	F&FW	OFC	Crop Production	Cropping Systems	Double cropping in rain fed rice areas	5	5								
Mahasamund	F&FW	OFC	Crop Production	Crop Diversification	Training on cultivation of sesame in rice-rice cropping system	2	2								
Mahasamund	F&FW	OFC	Crop Production	Integrated Farming	Integrated farming system	2	2								
Mahasamund	F&FW	OFC	Crop Production	Micro irrigation/irrigation	Irrigation management in wheat	2	2								
Mahasamund	F&FW	OFC	Crop Production	Seed production	Seed production of rice	1	1								
Mahasamund	F&FW	OFC	Crop Production	Nursery management	Nursery management in SRI method	1	1								
Mahasamund	F&FW	OFC	Crop Production	Integrated Crop Management	Integrated Crop Management	1	1								
Mahasamund	F&FW	OFC	Crop Production	Soil & water conservation	Soil & water conservation	1	1								
Mahasamund	F&FW	OFC	Crop Production	Integrated nutrient Management	Integrated nutrient Management	1	1								
Mahasamund	F&FW	OFC	Crop Production	Production of organic inputs	Organic farming	1	1								
Mahasamund	F&FW	OFC	Crop Production	Seed production	Seed production of rice	1	1								
Mahasamund	F&FW	OFC	Crop Production	Nursery management	Nursery management in SRI method	1	1								
Mahasamund	F&FW	OFC	Horticulture (Fruits)	Training and Pruning	Importance of training and pruning in fruit crops	01	01								
Mahasamund	F&FW	OFC	Horticulture (Fruits)	Cultivation of Fruit	Improved Production technology of Guava	01	01								
Mahasamund	F&FW	OFC	Horticulture (Fruits)	Cultivation of Fruit	Improved Production technology of Papaya	01	01								
Mahasamund	F&FW	OFC	Horticulture (Fruits)	Cultivation of Fruit	Varieties of Mango suitable for	01	01								

Name of KVK	Category (F &FW/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
mund					CG region										
Mahasa mund	F &FW	ONC	Agril. Engineering	Farm machinery & its maintenance	Importance of zero tillage	02	02								
Mahasa mund	F &FW	ONC	Agril. Engineering	Farm machinery & its maintenance	Importance of line sowing by seed cum fertilizer drill	02	02								
Mahasa mund	F &FW	ONC	Agril. Engineering	Installation and maintenance of micro irrigation systems	Operation and use of developed animal drawn farm implements	02	02								
Mahasa mund	F &FW	ONC	Agril. Engineering	Installation and maintenance of micro irrigation systems	Micro Irrigation System	02	02								
Mahasa mund	F &FW	ONC	Agril. Engineering		Operation and Maintenance of drip irrigation system	02	02								
Mahasa mund	F &FW	ONC	Agril. Engineering	Use of Plastics in farming practices	Plasticulture application in horticultural crops	02	02								
Mahasa mund	F &FW	ONC	Agril. Engineering	Farm machinery & its maintenance	Importance of zero tillage	02	02								
Mahasa mund	F &FW	ONC	Agril. Engineering		Importance of line sowing by seed cum fertilizer drill	02	02								
Mahasa mund	F &FW	ONC	Plant Protection	Integrated Pest Management	Paddy Insects and their Management	4	1								
Mahasa mund	F &FW	ONC	Plant Protection	Integrated Disease Management	Diseases of Paddy and their control	4	1								
Mahasa mund	F &FW	ONC	Plant Protection	Biocontrol of pests and diseases	Biological Management of pest and diseases	4	1								
Mahasa mund	F &FW	ONC	Plant Protection	Production of bio control agents and bio pesticides	Biocontrol agent production technology	2	1								
Mahasa mund	F &FW	ONC	Plant Protection	Stored Pest	Management of Stored Insects and pests	2	1								
Mahasa mund	F &FW	ONC	Capacity Building and Group Dynamics	Leadership development	Leadership development among farm women	2	1								
Mahasa mund	F &FW	ONC	Capacity Building and Group Dynamics	Group dynamics	Group dynamics	2	1								
Mahasa mund	F &FW	ONC	Capacity Building and Group Dynamics	Formation and Management of SHGs	Formation and Management of SHGs	2	1								
Mahasa mund	F &FW	ONC	Capacity Building and Group Dynamics	Mobilization of social capital	Mobilization of social capital	1	1								
Mahasa mund	F &FW	ONC	Capacity Building and Group Dynamics	Entrepreneurial development of	Entrepreneurial development of farmers/youths	2	1								

Name of KVK	Category (F & FW/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
				farmers/youths											
Mahasamund	F & FW	ONC	Capacity Building and Group Dynamics	WTO and IPR issues	WTO and IPR issues	2	1								
Mahasamund	F & FW	ONC	Capacity Building and Group Dynamics	Others (Pl. Specify)	Use of agricultural related app for efficient farming	4	1								
			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 to be 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
Mahasamund	RY	ONC	Horticulture Crop Production	Orchard management and maintenance	01	06								
Mahasamund	RY		Mushroom Production	Mushroom Production Technology	04	03								
Mahasamund	RY		Bee keeping	Beekeeping Technology	02	03								
Mahasamund	RY		Sericulture	Lac Production Technology	02	03								
Mahasamund	RY		Income generation activities	Entrepreneurship development through FPO	02	03								

Table 5.3. Details of Training Programmes to be 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		6	7	8	9	10	11	12	13	14	15

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		6	7	8	9	10	11	12	13	14	15
Mahasamund	IS	ONC	Formation and Management of SHGs	Formation and Management of SHGs	1	3	-	-	-	-	-	-	-	-
Mahasamund	IS	ONC	Women and Child care	-	-	-	-	-	-	-	-	-	-	-
Mahasamund	IS	ONC	Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-	-	-	-
Mahasamund	IS	ONC	Group Dynamics and farmers organization	Group Dynamics and farmers organization	1	3	-	-	-	-	-	-	-	-

Table 5.4. Details of Vocational training programmes to be 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													
	Post harvest technology and value addition	Others(Pl. 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(Pl. Specify)													
	Income generation activities	Vermi-composting													
	Income generation activities	Production of bio-agents, bio-													

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
		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, dying etc.													
	Income generation activities	Agril. para0workers, para0vet training													
	Income generation activities	Others(Pl. Specify)													
	Agricultural Extension	Capacity building and group dynamics													
	Agricultural Extension	Others(Pl. Specify)													

Table 5.5. Sponsored Training Programmes

Name of KVK	Client (F &FW/F W/ RY/ IS)	Title	Thematic area	Sub-theme	Training Title	No. of courses	Duration (days)	No. of Participants								Sponsoring Agency	Funds 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													
			Crop production and management	Production and value addition													
			Crop production and management	Fruit Plants													
			Crop production and management	Ornamental plants													
			Crop production and management	Spices crops													

Name of KVK	Client (F &FW/F W/ RY/ IS)	Title	Thematic area	Sub-theme	Training Title	No. of courses	Duration (days)	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	Soil health and fertility management													
			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													
			Agricultural Extension	Others(Pl. Specify)													

Table 5.6. Details of training programme to be 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	

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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		

Table 5.8 Subject area wise details of women farmer specific training programmes to be organized by KVKs during Jan-Dec-2022

Area of Training	Jan-Dec-2022	
	Courses	Participants
Household food security by kitchen gardening and nutrition gardening	2	30
Gender mainstreaming through SHGs	2	30
Women empowerment	2	30

Table 5.9 Subject area wise details of other than women farmer specific training programmes to be organized by KVKs during Jan-Dec-2022

Area of Training	Jan-Dec-2022	
	Courses	Participants
Capacity Building and Group Dynamics	10	150

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	-												
Mahasamund	Animal Health Camp	-												
Mahasamund	Awareness programme	15												
Mahasamund	Celebration of important days	10												
Mahasamund	Diagnostic visits	30												
Mahasamund	Exhibition	4												
Mahasamund	Exposure visits	2												
Mahasamund	Ex-trainees Sammelan	2												
Mahasamund	Farm advisory Services	52												
Mahasamund	Farmers visit to KVK	500												
Mahasamund	Field Day	5												
Mahasamund	Group meetings	15												
Mahasamund	Kisan Ghosthi/Sammelan	5												
Mahasamund	Kisan Mela	-												
Mahasamund	Krishi Mahotsav	-												
Mahasamund	Lectures delivered as resource persons	20												
Mahasamund	Mahila Mandals conveners meetings	-												
Mahasamund	Method Demonstrations	10												
Mahasamund	Pradhanmantri phasal beema yojana	-												
Mahasamund	Scientific visit to farmers field	100												
Mahasamund	Self Help Group conveners meetings	1												
Mahasamund	Soil health Camp	1												
Mahasamund	Soil test campaigns	1												
Mahasamund	Technology Week	4												
Mahasamund	Radio talks	2												
Mahasamund	Extension literature	5												
Mahasamund	TV talks	2												
Mahasamund	Newspaper coverage	30												
Mahasamund	Film Show	10												

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	Others	10												

Mass media to be used for wide publicity

Name of media	Number of events (Targeted)	Name of channel/ Newspaper used	Place of delivery or publication	Coverage of the media (Local/ Regional/National)
Radio talks	2			
TV talks	2			
Newspaper coverage	30			
Internet (Youtube)	100			
Social media (Whats App, Facebook, Instagram, Twitter etc.)	500			

7. Production and supply of Technological products

7.1 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	Deepika	5.00			
Mahasamund	Oilseed	Mustard	CG Sarson	6.00			
Mahasamund	Oilseed	Sesame	GT-5	2.00			
Mahasamund	Pulses	Pigeon pea	Rajiv Lochan	3.0			
Mahasamund	Coarse Cereals	Finger Millet	Indira Ragi-1	4.00			
Mahasamund	Fodder	Napier	COBN-5	500000Slip			

7.2 Planting Materials production

KVK Name	Major group/class	Name of Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Mahasamund	Fruit	Lemon	Konkan Seedless	2000			
Mahasamund	Fruit	Guava	Allahabad Safeda/Lalit	2000			
Mahasamund	Fruit	Pomegranate	Bhagwa	2000			
Mahasamund	Fruit	Orange	Konkan	2000			
Mahasamund	Fruit	Drumstick	PKM1	2000			
Mahasamund	Fruit	Papaya	Red lady	2000			
Mahasamund	Fruit	Sweet potato	Indira madhur/CG Narangi/ Shri Ratna	200000			
Mahasamund	Fruit	Mango	Indira Nandiraj/Mallika/Amrapali	1000			
Mahasamund	Fruit	Sapota	Cricket Ball	100			

7.3 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
Mahasamund	Bio Fertilizers	Vermicompost	11000				
Mahasamund		Azolla	600				

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
Mahasamund	Bio Agents(Worms)	Earthworms	100				
Mahasamund		Compost	2000				
Mahasamund		NADEP	6000				
Mahasamund		Assinia foetida	100				

7.4 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	litre	3200		
Mahasamund		Calves	-	-	-			
Mahasamund		Goats	Barbaery	live goat	No.	10		
Mahasamund	Poultry	Poultry	Kadaknath	Chicks	No.	2000		
Mahasamund		Japanese quail	Japanese quail	Chicks	No.	100000		
Mahasamund		Japanese quail eggs	Japanese quail	Eggs	No.	200000		
Mahasamund	Fisheries	Rohu, katla, mrigal	-	Fish	Kg	600		

8. Activities of Soil and Water Testing Laboratory

8.1 Details of soil samples to be analyzed during Jan to Dec. 2022 :

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)	
		Sanctioned	Procured	Collected by KVKs	Provided by Dept./ DDA	Mini Soil Testing kit	Soil testing laboratory	By Department	By KVK	By KVK	By Department			Through Mini Soil Testing kit	Through Soil testing laboratory

8.2 Details of water samples to be analyzed so far :

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

9. Details of SAC Meeting -Jan to Dec. 2022

KVK Name	Date of SAC meeting 2022	No. of SAC members (only) attended	Major action points*
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10. 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
	1	Crop Management	Crop Production Technology	10	10	83839	1142	87693
			Integrated Farming	10	10	83839	1142	87693
			Field Preparation	10	10	83839	1142	87693
			Any Other (Specify)	10	10	83839	1142	87693
	2	Weather	Advisory	10	10	83839	1142	87693
			Change in variety	10	10	83839	1142	87693
			Change in Sowing technique	10	10	83839	1142	87693
			Climate forecast	10	10	83839	1142	87693
			Any Other (Specify)	10	10	83839	1142	87693
	3	Soil Management	Soil Testing	10	10	83839	1142	87693
			INM	10	10	83839	1142	87693
			Fertilizer Application	10	10	83839	1142	87693
			Vermicomposting/ bio-waste recycling	10	10	83839	1142	87693
			Bio-fertilizer	10	10	83839	1142	87693
			Any Other (Specify)	10	10	83839	1142	87693
	4	Disease & Pest Management	Disease Management	10	10	83839	1142	87693
			Pest Management	10	10	83839	1142	87693
			Preventive Advisory Disease Management	10	10	83839	1142	87693
			Preventive Advisory Pest Management	10	10	83839	1142	87693
			Bio-pesticides	10	10	83839	1142	87693
			Any Other (Specify)	10	10	83839	1142	87693

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
	5	Nutrition Security & Women Empowerment	Nutrition Awareness	10	10	83839	1142	87693
			Kitchen garden	10	10	83839	1142	87693
			Value Addition and Processing	10	10	83839	1142	87693
			Drudgery Reduction	10	10	83839	1142	87693
			Entrepreneurship & Income Generation	10	10	83839	1142	87693
			Advisory	10	10	83839	1142	87693
			Any Other (Specify)	10	10	83839	1142	87693
	6	Horticulture	Vegetable	10	10	83839	1142	87693
			Fruit	10	10	83839	1142	87693
			Hi Tech Horticulture	10	10	83839	1142	87693
			Any Other (Specify)	10	10	83839	1142	87693
	7	Livestock	Feed and Fodder	10	10	83839	1142	87693
			Dairy Management	10	10	83839	1142	87693
			Fisheries	10	10	83839	1142	87693
			Poultry Management	10	10	83839	1142	87693
			Vaccination & Disease management	10	10	83839	1142	87693
			Any Other(Specify)	10	10	83839	1142	87693
	8	Farm Mechanization		10	10	83839	1142	87693
	9	Extension		10	10	83839	1142	87693
	10	Organic Farming		10	10	83839	1142	87693
	11	Marketing		10	10	83839	1142	87693
	12	Awareness		10	10	83839	1142	87693
	13	Other Enterprise		10	10	83839	1142	87693
	14	Any Other(Specify)		10	10	83839	1142	87693

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

KVK	Name of crop	Area under the	No. of Farmers	No of	No. of	No. of Farmers	Results/
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2Name	under Technology demonstration	programme/ Demonstration	benefited	Villages Covered	Extension Activities	benefited by extension activities	Observation*

12. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock /technology
	Gosthies			
	Lectures organized			
	Exhibition			
	Film show			
	Fair			
	Farm/ Field Visit			
	Diagnostic Practices			
	Distribution of Literature (No.)			
	Distribution of Seed (q)			
	Distribution of Planting materials (No.)			
	Bio Product distribution (Kg)			
	Distribution of Bio Fertilizers (q)			
	Distribution of fingerlings			
	Distribution of Livestock specimen (No.)			
	Total number of farmers visited the technology week			
	Animal health camp			
	Awareness programme			
	Demonstration			
	Exposure visit			
	Ex-trainees Meet			
	Farmer scientist interaction			
	Farmers Training			
	Gajarghans Unmulan Pakhwada			
	Group Meeting			

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock /technology
	Jai Kisan Jai Vigyan Sangoshthi			
	Plant Protection Week			
	Seed treatment campaign			
	Self Help Group convener meet			
	Soil health Camp			
	Swachha Bharat Abhiyan			
	Others (Pl. Specify)			

13. Activities proposed in Sansad Adarsh Gram

Information about Sansad Adarsh Gram

Name of KVK	Block	Village
Mahasamund	Bagbahara	Komakhan

1. Technologies to be Demonstrated

Name of Technology	Name of Crop/Enterprise	Area (ha.)	Yield	% change in Yield	No. of farmers benefitted
Increase in productivity of crops	Assesement of Rajeshwari Vareity of IGKV Raipur with Trico derma and dry seeded Rice Technique in Rainfed Areas of Mahasamund District	0.5			05
Increase in productivity of crops	Study on Impact of CFLD pulses (Chickpea , Variety RBG-202) on the, Transfer of Technology , Production and Income of farmers in Mahasamund district of Chhattisgarh	0.5			05
Improvement in efficiency of input use (cost saving)	Assessment of row transplantation of paddy by paddy transplanter	0.5			05
Improvement in	Assessment of Marigold propagation	0.5			05

efficiency of input use (cost saving)	through Cuttings				
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2. Extension Activities

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Group Meeting				15
Field Day				35
Krishak Sanghosti				50

3. Training Programme

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Increase in productivity of crops				15
Capacity Development Programme				15
Improvement in efficiency of input use (cost saving)				15

14. Activities proposed in DFI Village

Information about DFI Village

Name of KVK	Block	Name of DFI Village	Total geographical area (ha)	House hold	Population
Mahasamund	Mahasamund	Paraswani	346.18ha	149	746

1. Technologies to be Assessed (OFT) in DFI Village

Name of KVK	Thematic area	Name of Intervention	No. of Activity	Area (ha)	No. of beneficiaries
Mahasamund	Increase in productivity of crops	Assesement of Rajeshwari Vareity of IGKV Raipur with Trico derma and dry seeded Rice Technique in Rainfed Areas of Mahasamund District	05	05	05
Mahasamund	Increase in productivity of crops	Study on Impact of CFLD pulses (Chickpea , Variety RBG-202) on the, Transfer of Technology , Production and Income of farmers in Mahasamund district of Chhattisgarh	05	05	05
Mahasamund	Improvement in efficiency of input use (cost saving)	Assessment of row transplantation of paddy by paddy transplanter	05	0.4	05
Mahasamund	Improvement in efficiency of input use (cost saving)	Assessment of Marigold propagation through Cuttings	05	05	05

2. Technologies to be Demonstrated (FLD) in DFI Village

Name of KVK	Thematic area	Name of Intervention	No. of Activity	Area (ha)	No. of beneficiaries
Mahasamund	Increase in productivity of crops	Demonstration on Improved Variety of Ginger	05	0.2	05
		Demonstration of Post Emergence Herbicide for weed management in Blackgram	05	0.2	05
Mahasamund	Improvement in efficiency of input use (cost saving)	Line sowing of chickpea by seed cum fertilizer drill	05	0.4	05
Mahasamund	Diversification towards high value crops	Demonstration of paddy straw Mushroom	05	0.4	05

3. Training Programme to be proposed in DFI Village

Name of KVK	Thematic area	Name of Intervention	No. of Activity	Area (ha)	No. of beneficiaries
Mahasamund	Increase in productivity of crops	Demonstration of Improved production technology of Mushroom	05	0.2	05
		Demonstration of seed sowing by seed cum fertidrill	05	0.2	05
Mahasamund	Increase in productivity of crops	Double cropping in rain fed rice areas	05	0.2	05
Mahasamund	Increase in crop intensity	Importance of training and pruning in fruit crops	05	0.2	05
Mahasamund	Capacity Development Programme	Entrepreneurial development of farmers/youths	05	0.2	05
	Improvement in efficiency of input use (cost saving)	Operation and Maintenance of drip irrigation system	05	0.2	05

4. Extension Activities to be proposed in DFI Village

Name of KVK	Activity	No. of activities	SC		ST		Other		Officials		Total
			M	F	M	F	M	F	M	F	

14.Activities proposed in Nutri-Smart Village

Information about Nutri-Smart Village

Name of KVK	Thematic area	Name of Intervention	No. of Activity	Area (ha)	No. of beneficiaries
Mahasamund	Crop Production	Demonstration of Improved production technology of Mushroom	05	0.2	05
		Demonstration of seed sowing by seed cum fertidrill	05	0.2	05
Mahasamund	Nurtitional Garden	Demonstratin of Nutritional Garden	05	0.2	05
Mahasamund	Quail Production Technology	Training and Demonstration of Quail Production	05	0.2	05
Mahasamund	Musroom Production TEchnology	Training and demonstration of Mushroom production technology	05	0.2	05

1. Technologies to be Assessed (OFT) in Nutri Smart Village

Name of KVK	Thematic area	Name of Intervention	No. of Activity	Area	No. of beneficiaries
Mahasamund	Nutritional Garden (activity in no. of Unit) (m ²)	Nutritional Garden (activity in no. of Unit) (m ²)	Kitchen Garden-2	5	.20 acre
Mahasamund	Other Enterprises (activity in no. of Unit/Enterprise)	Other Enterprises (activity in no. of Unit/Enterprise)	Backyard Poultry – Quail-2	5	5 unit
Mahasamund	Income generation (activity in no. of Unit/Enterprise)	Income generation (activity in no. of Unit/Enterprise)	Mushroom production-2	5	5 unit
Mahasamund	Drudgery reduction (activity in no. of Unit/ Enterprise)				

2. Technologies to be Demonstrated (FLD) in Nutri Smart Village

Name of KVK	Thematic area	Name of Intervention	No. of Activity	Area	No. of beneficiaries
Mahasamund	Nutritional Garden (activity in no. of Unit) (m²)	Establishment of nutritional garden activity -1- Training and Demonstration	2	5	5
Mahasamund	Bio-fortified Crops (activity in no. of Unit) (ha)	Zincorice- Training and Demonstration	2	5	5
Mahasamund	Value addition (activity in no. of Unit/Enterprise)		2	5	5
Mahasamund	Other Enterprises (activity in no. of Unit/Enterprise)	Backyard Poultry- Training and Demonstration	2	5	5
Mahasamund	Income generation (activity in no. of Unit/Enterprise)	Mushroom - Training and Demonstration	2	5	5
Mahasamund	Drudgery reduction (activity in no. of Unit/Enterprise)	Demonstration of cono weeder	2	5	5

3. Training Programme to be proposed in Nutri Smart Village

Name of KVK	Training Title	No. of Courses	Duration (Days)	Gen		SC		ST		Other		Total
				M	F	M	F	M	F	M	F	
Mahasamund	Nutritional Garden	1	1	-	-	-	-	-	-	-	-	-
Mahasamund	Bio-fortified Crops	1	1	-	-	-	-	-	-	-	-	-
Mahasamund	Value addition	2	2	-	-	-	-	-	-	-	-	-
Mahasamund	Income generation	1	1	-	-	-	-	-	-	-	-	-

4. Extension Activities to be proposed in Nutri Smart Village

Name of KVK	Activity	No. of activities	SC		ST		Other		Officials		Total
			M	F	M	F	M	F	M	F	
Mahasamund	Celebration of Swakchata Pakhwada,	2	-	-	-	-	-	-	-	-	-
Mahasamund	Celebration of Parthenium Week	1									