

Annual Report

Period from

1st April 2011
to
31st March, 2012



Krishi Vigyan Kendra, Mahasamund
Indira Gandhi Krishi Vishwavidyalaya
Raipur (C.G.)



Contents

Sl. No.	Particular	Page No
	Instructions for Filling the Format	3
	Summary of achievements during the reporting period	4
1	General Information	5-6
2	On Farm Testing	8-9
3	Achievements of Frontline Demonstrations	10-11
4	Documentation of the need assessment conducted by the KVK for the training programme	12-13
5	Training programmes	13-16
6	Extension Activities	18
7	Literature Developed/Published (with full title, author & reference)	19
8	Production and supply of Technological products	19-20
9	Activities of Soil and Water Testing Laboratory	21
10	Rainwater Harvesting	21
11	Utilization of Farmer Hostel facilities	21
12	Utilization of Staff Quarter facilities	22
13	Details of SAC Meeting	22
14	Status of Kisan Mobile Advisory	22
15	Status of Convergence with agricultural schemes	22-23
16.	Status of Revolving Funds	23
17.	Awards & Recognition	23
18.	Case study and Success story	24-26
19.	Details of KVK Agro-technological Park	27
20.	Important visitors to KVK	27
21.	Status of KVK Website	27
22.	Status of E-connectivity	27
23.	Details of Technological Week Celebration	27
24.	Interventions on Drought Mitigation	27-28
25.	Status of KVK Website	28

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. Gray colour cells in summary table need not to be filled.**

REPORTING PERIOD – April 2011 to March, 2012

Summary of achievements during the reporting period

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number of activity	No. of farmers/ beneficiaries	Number of activity	No. of farmers/ beneficiaries	
Mahasamund	OFTs	04	16	04	16	
Mahasamund	FLDs – Oilseeds (activity in ha)	-	-	-	-	
Mahasamund	FLDs – Pulses (activity in ha)	02	17	02	17	
Mahasamund	FLDs – Cotton (activity in ha)	-	-	-	-	
Mahasamund	FLDs – Other than Oilseed and pulse crops(activity in ha)	03	14	03	14	
Mahasamund	FLDs – Other than Crops (activity in no. of Unit/Enterprise)					
Mahasamund	Training-Farmers and farm women	30	650	34	817	
Mahasamund	Training-Rural youths	-	-	01	28	
Mahasamund	Training- Extension functionaries	05	100	08	183	
Mahasamund	Extension Activities	08	300	09	319	
Mahasamund	Seed Production (Number of activity as seeds in quintal)	-	-	-	-	
Mahasamund	Planting material ((Number of activity as quantity of planting material in quintal)	-	-	-	-	
Mahasamund	Seedling Production (Number of activity as number of seedlings in numbers)	-	-	-	-	
Mahasamund	Sapling Production (Number of activity as number of sapling in numbers)	-	-	-	-	
Mahasamund	Other Bio- products	-	-	-	-	
Mahasamund	Live stock products	-	-	-	-	
Mahasamund	SAC Meeting (Date & no. of core/official members	01	19	01(26/05/11)	18	
Mahasamund	Newsletters (no.)	04	2000	04	2000	
Mahasamund	Publication (Research papers, popular article)	-	-	-	-	
Mahasamund	Convergence programmes / Sponsored programmes	-	-	-	-	
Mahasamund	KVK-ATMA Linkage programme (Number of activities)					
Mahasamund	Outreach of KVK in the District (No. of blocks, no. of villages)	05	25	No. of block-2	No. of village-10	
Mahasamund	Soil sample tested	50	50	70	70	
Mahasamund	Water sample tested	-	-	-	-	
Mahasamund	KMA (No. of messages & beneficiaries)	96 Approx	96 Approx	96 Approx	96 Approx	

1. GENERAL INFORMATION

1.1. Staff Position (as on date)

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Specialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
Mahasamund	Programme Coordinator	Dr. H. K. Awasthi	Agril. Extn.,	Ph.D.	Agril. Extn.,	37400-67000/-9000 (AGP)	Rs 44820/-	30/11/2005	Permanent	GEN
Mahasamund	Subject Matter Specialist1	Shri Pratap Toppo	Forestry	M.Sc. (Forestry)	Forestry	15600-39100/-6000 (AGP)	Rs. 15600/-	27/01/2012	Permanent	ST
Mahasamund	Subject Matter Specialist2	Mrs.Sonali Deole	Entomology	M.Sc. (Ag)	Entomology	15600-39100/-6000 (AGP)	Rs. 15600/-	10/03/10	Permanent	GEN
Mahasamund	Subject Matter Specialist3	Dr.Mrs.Rekha Singh	Home Science	Ph.D.	Food &Nutrition.	15600-39100/-6000 (AGP)	Rs. 18200/-	24/10/07	Permanent	GEN
Mahasamund	Subject Matter Specialist4	Vacant	-	-	-	-	-	-	-	-
Mahasamund	Subject Matter Specialist5	Vacant	-	-	-	-	-	-	-	-
Mahasamund	Subject Matter Specialist6	Vacant	-	-	-	-	-	-	-	-
Mahasamund	Programme Assistant	Vacant	-	-	-	-	-	-	-	-
Mahasamund	Farm Manager	Vacant	-	-	-	-	-	-	-	-

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Specialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
Mahasamund	Computer Programmer	Vacant	-	-	-	-	-	-	-	-
Mahasamund	Accountant / superintendent	Vacant	-	-	-	-	-	-	-	-
Mahasamund	Stenographer	Shri Mahendra Bahpagaria	-	M.Com., L.L.B	-	2500-20200/- 2400 (AGP)	Rs. 10580 /-	18.01.08	Permanent	OBC
Mahasamund	Driver	Shri B. P. Dhruw	-	Primary	-	2500-20200/- 2200 (AGP)	Rs. 10010 /-	20/12/05	Permanent	ST
Mahasamund	Driver	-	-	-	-	-	-	-	-	-

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

1.3. DETAILS OF ADOPTED VILLAGE during the reporting period (Approved by competent Authority in meetings/workshops)

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Mahasamund	Parsadih	2006-07	Mahasamund	24Km	2000	175
Mahasamund	Malidih	2006-07	Mahasamund	16 Km	3500	275

1.4. THRUST AREAS identified by KVK (Approved by competent Authority in meetings/workshop)

KVK Name	THRUST AREA
Mahasamund	Improved production technology of rice for both rain fed and irrigated condition
Mahasamund	Plant protection of rice (Weed management, IPM)
Mahasamund	Enhancing cropping intensity through utera cultivation in rain fed situation and introduction of short duration crop in rice-rice cropping

	system under irrigated condition, utilization of wasteland through alternate land use system and integrated farming system approaches
Mahasamund	Introduction of improved farm implements such as improved biasi plough, Ambika paddy weeder, groundnut decorticator, stripper , etc.
Mahasamund	Soil and moisture conservation techniques for controlling and reducing the runoff and enhancing water use efficiency.
Mahasamund	Proper composting techniques such as NADEP and Vermi- Compost
Mahasamund	Introduction of less drudgery farm implements like ,Twin wheel hoe, hand ridger etc.
Mahasamund	Nutritional security of farm families (kitchen garden, nutritious recipes from locally available food material)
Mahasamund	Increasing milk productivity of cattle (Feeding schedule, Health and hygiene)

1.4. PROBLEM IDENTIFIED by KVK (Approved by competent Authority in meetings/workshop)

KVK Name	Problem identified	Methods of problem identification
KVK Mahasamund	Low productivity due to less productive variety, sowing methods, Fertilizer Management	Participatory group discussion among the farmers and extension functionaries.
KVK Mahasamund	High yield losses due to weeds and Pest	Participatory group discussion among the farmers and extension functionaries.
KVK Mahasamund	Monocropped rice cropping system in rain fed situation	Participatory group discussion among the farmers and extension functionaries.
KVK Mahasamund	Low working efficiency in agricultural operations	Participatory group discussion among the farmers and extension functionaries.
KVK Mahasamund	Lack of efforts on soil & moisture conservation	Participatory group discussion among the farmers and extension functionaries.
KVK Mahasamund	Improper composting techniques	Participatory group discussion among the farmers and extension functionaries.
KVK Mahasamund	High drudgery farm implements	Participatory group discussion among the farmers and extension functionaries.
KVK Mahasamund	Poor household nutritional security of farm families	Participatory group discussion among the farmers and extension functionaries

KVK Mahasamund	Low milk productivity of cattle	Participatory group discussion among the farmers and extension functionaries
KVK Mahasamund	Lack of knowledge and unawareness about proper food grain storage.	Participatory group discussion among the farmers and extension functionaries
KVK Mahasamund	Low productivity of fish pond	Participatory group discussion among the farmers and extension functionaries
KVK Mahasamund	Low efficiency of existing rural information delivery system	Participatory group discussion among the farmers and extension functionaries

2. On Farm Testing

2.1 Information about OFT

KVK name	Year/season	Problem diagnose	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	Title of OFT	No. of trials	Results (with parameter)	Net Returns (Rs./ha)	Recommendations		
									Farmer practice T1	Rec. Tech T2	T1	T2	
Mahasamund	2011-12 Kharif	Low yield due to heavy infestation of stem borer in rice.	Assessment	IPM	Paddy	Rainfed	Assessment of neem based insecticide and other insecticide for the management of stem borer in paddy crop.	1	41.25 Q/ha.	47.50 Q/ha.			
Mahasamund	2011-12 Kharifr	Heavy infestation of tobacco caterpillar in vegetative stage of groundnut which ultimately reduces the yield.	Assessment	IPM	Groundnut	Rainfed	Assesment of chemical insecticide for the management of Tobacco caterpillar in groundnut.	1	36.25 Q/ha.	45 Q/ha.			

Mahasamund	2011-12 Rabi	Low income of farm families due to unawareness of the other sources of income generation.	Assessment		Mushroom		Assessment of mushroom production technology as an alternative source of income.	4	-	5.8 kg/4 bags			
Mahasamund	2011-12 Rabi	Low efficiency and high drudgery during weeding operation.	Assessment		vegetables		Assessment of weeding implement (wheel Hoe) in vegetables for drudgery reduction.	4	225 min/100 sq.m	75 min/100 sq.m			

2.2 Economic Performance

KVK name	OFT Title	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	Demo	Check	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP(T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)
Mahasamund	Paddy	1. No.of dead hearts/ms qrare 2. No. of white ear head/msq uare	5-7 01	10-15 2-3	22500	25000	-	41250	47500	-	18750	22500	-	1.83.	1.90	-
Mahasamund	Groundnut	1. No. of larvae before spraying/i n square. 2. No. of larvae after spraying/i n square.	2-3	2-3	27500	30000	-	126875	154000	-	99375	124000	-	4.61	5.13	-

Mahasamund	Mushroom	Kg/4 bags	5.8 kg/4 bags	-	-	50	-	800	-	-	530	-	-	11.6	-
Mahasamund	Vegetables	Min/100 sq.m	75 min/100 sq.m	225 min/100 sq.m	2700	900	-	2700	-	-	1800	-	-	3.0	-

2.3 Feedback from KVK to Research System

Name of KVK	Feedback
Mahasamund	<p>1.Farmers preferred & adopted the technology.</p> <p>2. Farmers preferred & adopted the technology.</p> <p>3.In case of stem borer management in paddy ineffectiveness of insecticide in use was found so it needs new molecules to be tested in research system.</p>

3. Achievements of Frontline Demonstrations

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

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

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
KVK Mahasamund	Black Gram	Varietal evaluation	Improved seed, balance dose of fertilizer and pre-emergence herbicide	Demonstrations, farmers visit, trainings, extension literature, CD shows, TV/Radio Talks and field days.	15	50	50
KVK Mahasamund	Rice	Pest Management	Chemical control of yellow stem borer of rice	Demonstrations, farmers visit, trainings, extension literature, CD shows, TV/Radio Talks and field days.	20	75	150
KVK Mahasamund	Rice	Weed	Integrated weed	Demonstrations, farmers visit,	25	100	250

		Management	management	trainings, extension literature, CD shows, TV/Radio Talks and field days.			
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3.2 Details of FLDs implemented

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop- Area (ha) / Entrep - No.	Name of Variety/Technology /Entreprizes	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Mahasamund	Varietal evaluation	Black Gram	Kharif 2011-12	Improved seed, balance dose of fertilizer and pre-emergence herbicide	05	TU94-2	8.5	6.8	25.00	-	12	-	-	12
Mahasamund	Pest Management	Rice	Kharif 2011-12	Chemical control of yellow stem borer of rice	02	Carbofuran 3G + Cartap hydrochloride + Triazophos	50.00	44.25	39.28	-	-	05	-	05
Mahasamund	Weed Management	Rice	Kharif 2011-12	Integrated weed management	02	Pyrozosulphuron ethyle (sathi) + whisper + almix + hand weeding	55.00	49.00	12.24	-	-	05	-	05

3.3 Economic Impact of FLD

KVK Name	Name of Crop/ Enterprise	Technology demonstrated	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	Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Local Check
Mahasamund	Black Gram	Improved seed, balance dose of fertilizer and pre-emergence herbicide.	1.No.of branches/plant 2.No.of pod/ plant 3.No.of seed/pod Yield Q/ha	14-18 25-35 6-7 8.5	7-13 10-20 6-7 6.8	10000	9000	42500	34000	32500	25000	4.25	3.77

Mahasa mund	Rice	Chemical control of yellow stem borer of rice	1.No.of tiller/plant 2.No.of penicle/ plant 3.No.of seed/pod Yield Q/ha	30-38 15-18 200-250	25-27 11-13 180-200	2500	22000	50000	44250	25000	22250	2.00	2.01
				50	44.25								
Mahasa mund	Rice	Integrated weed management	1.No.of tiller/plant 2.No.of penicle/ plant 3.No.of seed/pod Yield Q/ha	32-40	20-28	26500	24500	55000	49000	28500	24500	2.07	2.0
				55	49								

3.4 Feedback of the Farmers

Name of KVK	Feedback
Mahasamund	<p>1.Farmers are satisfied with the performance of TU94-2 variety, especially its germination And yellow vein mosaic resistance characteristics, but the varietal mixture was found.</p> <p>2. Farmers were agreed & satisfied with chemical control of yellow stem borer of rice.</p>

3.5 Training and Extension activities under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Mahasamund		Field days	03	84	
		Farmers Training	05	105	
		Media coverage	10	MASS	
		Training for extension functionaries	-	-	

4. 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
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Mahasamund	Farmer and Farm woman	PRA tools and Group Discussion – Need assessment of farmers and farmer women was done through PRA tools (ranking and RBQ value), and discussion with them.	In Adopted villages	Mass

Abbreviation Used

FW	(A) Farmers & Farm Women
RY	(B) Rural Youths
IS	(C) Extension Personnel
ONC	On Campus Training Programme
OFC	Off Campus Training Programme
M	Male
F	Female
T	Total
Thematic Areas for Training	
CRP	Crop Production
HOV	Horticulture – Vegetable Crops
HOF	Horticulture-Fruits
HOO	Horticulture- Ornamental Plants
HOP	Horticulture- Plantation crops
HOT	Horticulture- Tuber crops
HOS	Horticulture- Spices
HOM	Horticulture- Medicinal and Aromatic Plants
SFM	Soil Health and Fertility Management
LPM	Livestock Production and Management
WOE	Home Science/Women empowerment
AEG	Agril. Engineering
PLP	Plant Protection
FIS	Fisheries
PIS	Production of Inputs at site
CBD	Capacity Building and Group Dynamics
AGF	Agro-forestry
OTH	Others
RYH	Rural Youth
EXP	Extension Personnel

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

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14		
Mahasamund	F	OFC	PLP	Training on Management practices to control the storage losses.	01	01	-	-	-	-	02	-	28	-
Mahasamund	F	OFC	PLP	Training on insect management in cucurbits vegetables.	01	01	-	-	03	01	01	-	36	-
Mahasamund	F	OFC	PLP	Training on stem borer management in paddy.	01	01	-	-	02	-	06	-	22	-
Mahasamund	F	OFC	PLP	Training on Tobacco caterpillar management in G.nut crop.	01	01	-	-	-	-	20	04	-	-
Mahasamund	F	OFC	PLP	Training on storage insect pest and their management.	01	01	-	-	-	-	23	-	-	-
Mahasamund	F	OFC	PLP	Training on seed treatment and their importance.	01	01	-	-	-	-	-	-	18	-
Mahasamund	F	OFC	PLP	Training on seed selection and treatment in Kharif crops.	01	01	-	-	02	-	05	-	18	-
Mahasamund	F	OFC	PLP	Training on Integrated approach for the management of rice stem borer.	01	01	-	-	-	-	24	-	06	-
Mahasamund	F	OFC	PLP	Training on Root dip	01	01	-	-	03	-	21	03	05	-

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14		
				treatment method on rice to control stem borer.										
Mahasamund	F	OFC	PLP	Training on new Lac production Technique.	01	01	-	-	02	-	16	02	11	-
Mahasamund	F	OFC	PLP	Training on Insect management by Improved agronomic practices.	01	01	-	-	-	-	04	-	12	-
Mahasamund	F	OFC	PLP	Training on Insect management by botanical insecticide in Neem based insect.	01	01	-	-	03	04	12	07	21	03
Mahasamund	F	OFC	PLP	Training on Insect of Black Gram and Groundnut and their Management.	01	01	-	-	-	-	06	-	10	-
Mahasamund	F	OFC	PLP	Training on Insect management in Tillering stage of rice.	01	01	-	-	02	-	16	-	07	-
Mahasamund	F	OFC	PLP	Training on Insect management in Kharif vegetable crops.	01	01	-	-	-	-	-	-	18	2
Mahasamund	F	OFC	PLP	Training on vermi composting and their importance.	01	01	-	-	-	-	-	-	20	01
Mahasamund	F	OFC	PLP	Training on insect management in groundnut, sesame and pigeon pea crop.	01	01	-	-	-	-	-	-	19	-
Mahasamund	F	OFC	OTH	Training on sucking pest of rice and their management.	01	01	-	-	02	-	05	-	19	01
Mahasamund	F	OFC	PLP	Farmers and farm women training on	01	01	-	-	01	-	15	-	10	-

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14		
				seed treatment in vegetable crops.										
Mahasamund	F	OFC	PLP	Farmers training on mushroom production technology as an alternative source of income.	01	01	-	-	-	-	02	08	13	02
Mahasamund	F	OFC	CRP	Farm women training and demonstration on wheel hoe.	01	01	-	-	-	-	18	09	20	04
Mahasamund	F	OFC	PLP	Training on rural youth on alternative source of income through agriculture sector.	01	01	-	-	-	-	17	08	17	04
Mahasamund	F	OFC	PLP	Farmers training and demonstration on raised seed bed preparation and nursery raising of vegetables like onion, tomato, brinjal.	01	01	-	-	-	-	-	-	14	-
Mahasamund	F	OFC	PLP	Farm women training on self employment.	01	01	-	-	-	-	-	-	26	-
Mahasamund	F	OFC	PLP	Rural youth training on Bee keeping.	01	01	-	-	02	-	11	-	15	-
Mahasamund	FW	OFC	WOE	Farmers training on IPM in Rabi crops.	01	01	-	-	-	-	03	02	09	07
Mahasamund	FW	OFC	WOE	Farm women training on Mushroom production technology.	01	01	-	-	-	-	01	03	13	08
Mahasamund	FW	OFC	WOE	Anganwadi workers training and demonstration on low	01	01	-	-	-	01	04	04	01	02

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14		
				cost nutritious laddoo (Til, Jaggery, Chana and groundnut).										
Mahasamund	FW	OFC	WOE	Farm women training on value addition in fruit and vegetables available in their backyard nutrition garden.	01	01	-	-	-	01	04	04	01	02

Table 5.2. Details of Vocational training programmes for Rural Youth conducted by the KVKs

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries					
					SC		ST		Others	
					M	F	M	F	M	F
Mahasamund	Rural youth training on Bee keeping.	Bee keeping	Bee keeping	1	02		11		15	
Mahasamund										
Mahasamund										

Table 5.3. 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 elsewhere
		Type of units	Number of units	Number of persons employed	
Mahasamund					
Mahasamund					

Table 5.4. Sponsored Training Programmes

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/RY/IS)	Duration (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		
Mahasamund														
Mahasamund														

Table 5.5 Training Programmes for Panchayatiraj Institutions Office-bearers & members

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/RY/IS)	Duration (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		
Mahasamund														
Mahasamund														

Table 5.6 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)		Impact on 1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
			Before	After	Before	After	Before	After	
Mahasamund									

6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
Mahasamund	Field Day	-	03	24	-	42	18	01	-			
Mahasamund	Kisan Mela	-	01	-	-	77	48	00	-			
Mahasamund	Kisan Ghosthi	-	01	-	-	22	-	-	-			
Mahasamund	Exhibition		-	-	-	-	-	-	-			
Mahasamund	Film Show		-	-	-	-	-	-	-			
Mahasamund	Method Demonstrations		-	-	-	-	-	-	-			
Mahasamund	Farmers Seminar		-	-	-	-	-	-	-			
Mahasamund	Workshop		-	-	-	-	-	-	-			
Mahasamund	Group meetings		-	-	-	-	-	-	-			

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
Mahasamund	Lectures delivered as resource persons	-	-	-	-	-	-	-	-			
Mahasamund	Newspaper coverage		37	MASS	MASS	MASS	MASS					
Mahasamund	Radio talks	-	-	-	-	-	-	-	-			
Mahasamund	TV talks	-	5	MASS	MASS	MASS	MASS	-	-			
Mahasamund	Popular articles	-	02	MASS	MASS	MASS	MASS	MASS	MASS			
Mahasamund	Extension Literature	-	-	-	-	-	-	-	-			
Mahasamund	Farm advisory Services	-	-	-	-	-	-	-	-			
Mahasamund	Scientific visit to farmers field		07	21	10	20	05	-	-			
Mahasamund	Farmers visit to KVK		40	25	--	15	-	-	-			
Mahasamund	Diagnostic visits		10	35	10	28	07	02	-			
Mahasamund	Exposure visits	-	-	-	-	-	-	-	-			
Mahasamund	Ex-trainees Sammelan	-	-	-	-	-	-	-	-			
Mahasamund	Soil health Camp	-	-	-	-	-	-	-	-			
Mahasamund	Animal Health Camp	-	-	-	-	-	-	-	-			
Mahasamund	Agri mobile clinic	-	-	-	-	-	-	-	-			
Mahasamund	Soil test campaigns(No.of samples)		-	-	-	-	-	-	-			
Mahasamund	Farm Science Club conveners meet	-	-	-	-	-	-	-	-			
Mahasamund	Self Help Group conveners meetings	-	-	-	-	-	-	-	-			
Mahasamund	Mahila Mandals conveners meetings	-	-	-	-	-	-	-	-			
Mahasamund	Celebration of important days											
Mahasamund	Others (Gram Suraj Krishak Sammelan)	-	12	102	40	430	155	135	85			

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

7.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
Mahasamund	2008-09	April-June 2011	500	500
Mahasamund		July- September 2011	500	500
Mahasamund		Octo-Dec2011	500	500

7.2 Literature developed/published:

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
KVK Name	Type	Title	Author's name	Number of copies
Mahasamund	-	1.		
Mahasamund	-	2.		
Mahasamund				
Mahasamund				
Mahasamund				
Mahasamund				
Mahasamund				

7.3 Details of Electronic Media Produced: NOT APPLICABLE

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

8. Production and supply of Technological products

8.1 SEED production NOT APPLICABLE

KVK Name	Major group/class	Crop	Variety	Type of produce (for Seed produced type hear SD; For Planting Material type here PM)	Quantity	Unit for quantity of produces (qtl for SD and Nos for PM)	Value (Rs.)	Provided to No. of Farmers
Mahasamund	Cereals							
Mahasamund	Pulses							
Mahasamund								
Mahasamund	Fruits							
Mahasamund								
Mahasamund								
Mahasamund								
Mahasamund								
Mahasamund								
Mahasamund								
Mahasamund								

KVK Name	Major group/class	Crop	Variety	Type of produce (for Seed produced type hear SD; For Planting Material type here PM)	Quantity	Unit for quantity of produces (qtl for SD and Nos for PM)	Value (Rs.)	Provided to No. of Farmers
Mahasamund								

8.2 Planting Material production **NOT APPLICABLE**

KVK Name	Major group/class	Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
						Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Mahasamund											
Mahasamund											
Mahasamund											
Mahasamund											
Mahasamund											

8.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc..) **NOT APPLICABLE**

KVK Name	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
Mahasamund	BIOAGENTS				
Mahasamund	BIOFERTILIZERS				
Mahasamund	BIO PESTICIDES				

8.4 Livestock and fisheries production : **NOT APPLICABLE**

KVK Name	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
Mahasamund	Cattle						
Mahasamund	Buffalo						
Mahasamund	Sheep and Goat						
Mahasamund	Poultry						
Mahasamund	Fisheries						
Mahasamund	Others (Specify)						

9. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : NO

Year of establishment : -

9.1 Details of soil & water samples analyzed so far :

KVK Name	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized
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Mahasamund	Soil samples	70	70	4	-

10. Rainwater Harvesting: NOT APPLICABLE

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 including SC/ST			No. of SC/ST Participants		
					Male	Female	Total	Male	Female	Total
Mahasamund										
Mahasamund										
Mahasamund										

11. Utilization of Farmers Hostel facilities

Accommodation available (No. of beds) : **CONSTRUCTION COMPLETED**

KVK Name	Months	Year	Title of the training course	Duration of training	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
Mahasamund							
Mahasamund							
Mahasamund							

12. Utilization of Staff Quarters facilities: NOT APPLICABLE

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
Mahasamund					

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Mahasamund	26/05/11	18	1. <u>Arhar cultivations in Bunds/ridges.</u> 2. <u>Conduction of training regarding soil conservation.</u>
Mahasamund			3. <u>Conduction of training regarding fish culture</u>
Mahasamund			

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

KVK Name	No. of messages sent	No. of beneficiary		Major recommendations
		Farmers	Ext. Pers.	
Mahasamund	96	182	35	C.P.,IPM,Veg .,LPM.

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

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
Mahasamund	ATMA					-
Mahasamund	MNREGA					
Mahasamund	NHM					
Mahasamund	RKVY	-	280000/-	Training	Village	-
Mahasamund	DRDA					
Mahasamund	Zila Panchyat					
Mahasamund	Seed village					
Mahasamund	NAIP					
Mahasamund	Climate Change					
Mahasamund	Others (Plz. Specify)					

16. Status of Revolving Funds (Rs.)-

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Mahasamund	63011331023	113915/-	115984/-	115984/-

17. Awards & Recognitions- Nil

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Mahasamund				
Mahasamund				
Mahasamund				

18. Case study and Success Story – Two best only in the following format

Name of the KVK, **TITLE**, **Introduction**, KVK intervention, Output, Outcome, Impact

Title:1. Safalaa Ki Kahani Krishak Ki Jubani



Introduction:Shri Manrakhanlal Thakur is a progressive farmer of village Parsadih in district Mahasamund of Chhattisgarh. His main occupation and source of income is through farming. Village Parsadih is a tribal dominated area covering 70% of the population. Paddy is the main crop.

Intervention/Methodology etc. –

In village Parsadih for paddy cultivation broadcasting method was used. The village was adopted by KVK, Mahasamund. A series of trainings, demonstration and CD shows were organized for the farmers of this village. Farmers of this village were unaware about the SRI method of paddy cultivation. This new technology was introduced to them through Programme Coordinator and concerned Subject Matter Specialist. Shri Manrakhanlal Thakur was Sarpanch at that time so first he adopted SRI method in his 1 acre land.

Output –

He found that in SRI method seed rate was low (2-3 kg./acre) Production was 40 to 45 Quintal/hectare .

Outcome –

Outcome of this technology is that as Shri Manrakhanlal Thakur was Sarpanch so other farmers got influenced by him for adoption of SRI method.

Impact –

Other farmers of Parsadih village & other adjoining villages are motivated by increased production through the improved technology SRI method. They are also doing the same. Rate of adoption is 50-60%.

Title:2. Kisan Mobile Sandesh - A revolutionary step to speed up Rural Information Delivery System in Chhattisgarh

Introduction: Mobile phones had changed the scenario of telecommunication. It is a source of communication for fast dissemination of information. In Mahasamund district there was low efficiency of existing rural information delivery system. We know that mobile phones are quickly becoming an affordable and useful tool to create transformational opportunities providing new ways to access services and support livelihoods and be a catalyst to bridge, what we call “knowledge inequity”. Today mobile usage has enabled poor communities to access business information even for small business like fishing or farming without traveling long distances or incurring costs on time and money.

KVK intervention: Looking to this an On-Farm-Testing regarding assessment of information technology through “Kisan Mobile Sandesh” (KMS) was designed under the guidance of Zonal Project Director, Zone VII, JNKVV, Jabalpur Dr.U.S.Gautam, and launched in Chhattisgarh under direction of Dr.R.B.S.Sengar, Director Extension Services, IGKV, Raipur. It was started in KVK, Mahasamund during the year 2009 under directives of Dr.H.K.Awasthi Programme Coordinator, Krishi Vigyan Kendra, Mahasamund and executed by Dr.(Mrs.) Rekha Singh, Subject Matter Specialist, KVK, Mahasamund, Chhattisgarh. Kisan Mobile Sandesh is Dissemination of technology through SMS. For its execution total 214 beneficiaries were selected, comprising of 144 farmers, 8 Input suppliers, 49 Agriculture officers/RAEOS and 13 Scientists from different blocks of district Mahasamund. Bulk SMS services were taken from bulk SMS service provider. Cost of one SMS is 30 paise. schedule of sending messages is every Tuesday & Friday. the messages related to Insect pest management, weather information, Information about HYV, about improved implements, about animal health

care, Nursery management etc. This KMS technique is useful for all the farmers because this innovative technique works at grass root level. For this those farmers are selected who can read and write. When messages are delivered, it's the responsibility of that farmer to write it on the board of "Panchyat Bhavan". This way every one in the village knows about that particular information. The farmer discuss this with their co-farmers and thus the information is reached to nearby villages.

Output, Outcome, Impact

Farmers of Mahasamund district are happy with the need based messages. Now they are aware about latest know-how without loss of time. Farmers feel that KMS had minimized the cost of cultivation by providing timely information because through it need based information is disseminated, it has speed up rural information delivery system.

Other than enrolled farmers 10 farmers of nearby villages have approached for registration .Farmers like the appropriateness, content and relevance of the messages.

Through Kisan Mobile Sandesh, Krishi Vigyan Kendra, Mahasamund is now able to provide Need and time based information to the farmers. This new technology is an innovative mix of phone and internet to provide agro-advisory services to the farmers However along with the technologies, what is more significant is the farmer's version and entrepreneurial orientation to harness the potential of any technology. There is scope and space to exploit the mobile phone as much more than just a "tool for talking" and are need to create innovative knowledge services for the farming community that can be delivered on mobile networks. Such value added services would greatly enhance the economic development. Looking to the popularization and success of KMS services state Government of Chhattisgarh is interested to popularize this technology throughout the state.

19. Details of KVK Agro-technological Park : NOT APPLICABLE

Name of KVK	Name of Component of Park	Detail Information (If established)
	Crop Cafeteria	
	Technology Desk	
	Visitors Gallery	
	Technology Exhibition	
	Technology Gate-Valve	

20. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks
Mahasamund			

21. Status of KVK Website: Available/Not Available

22. E-CONNECTIVITY

Name of KVK	Number and Date of Lecture delivered from KVK Hub				No of lectors organized by KVK	Brief achievements	Remarks
	Date	No of Staff attended	No of call received from Hub	No of Call mate to Hub by KVK			

23. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Parthenium Week	Gosthies			
	Lectures organized			
	Exhibition			
	Film show			
	Fair			
	Farm Visit			
	Diagnostic Practical's			
	Distribution of Literature (No.)			
	Distribution of Seed (q)			
	Distribution of Planting materials (No.)			
	Bio Product distribution (Kg)			
	Bio Fertilizers (q)			
	Distribution of fingerlings (No)			
Distribution of Livestock specimen (No.)				

	Total number of farmers visited the technology week			
	News coverage	03	Mass	<i>Parthenium weed</i>

24. INTERVENTIONS ON DROUGHT MITIGATION : NOT APPLICABLE

Introduction of alternate crops/varieties

Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries

Major area coverage under alternate crops/varieties: NOT APPLICABLE

Name of KVK	Crops	Area (ha)	Number of beneficiaries
	Oilseeds		
	Pulses		
	Cereals		
	Vegetable crops		
	Tuber crops		
	Fruits		
	Spices		
	Cotton		
	Total		

Farmers-scientists interaction on livestock management: NOT APPLICABLE

Name of KVK	Livestock components	Number of interactions	No.of participants
	Dairy Management	5	119
	Disease management		
	Feed and fodder technology		
	Poultry management		

Animal health camps organised : NOT APPLICABLE

Name of KVK	Number of camps	No.of animals	No.of farmers

Seed distribution in drought hit states: NOT APPLICABLE

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

Seedlings and Saplings distributed : **NOT APPLICABLE**

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

Bio-control Agents: **NOT APPLICABLE**

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

(e) Bio-Fertilizer: **NOT APPLICABLE**

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

(f) Verms Produced: **NOT APPLICABLE**

Name of KVK	Verms Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers

(g) Large scale adoption of resource conservation technologies : **NOT APPLICABLE**

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

(h) Awareness campaign : **NOT APPLICABLE**

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

25. **Status of KVK Website:** Already having website/under construction
If available, please provide the address of website: Likely to be developed.

26. **Well labeled Photographs for each activity of the KVK (Soft copies as well as hard copy- specially for all OFT along with the problem) - ENCLOSED**