

ANNUAL PROGRESS REPORT

April 2016 to March 2017

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Summary of KVK Annual Report (Quantifiable Achievement) for the year 2016-17

.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	16	78	
	On Going OFT	1	5	
	Technologies assessed (Completed OFT)	13	58	
	Technologies refined	-	-	
	On farm trials conducted	14	63	
2	Frontline demonstrations			
	Proposed Frontline demonstrations	18	83	
	On Going Frontline demonstrations	-	-	
	FLDs conducted on crops	8	68	
	Area under crops (ha.)	21.41	68	
	FLD on farm implement and tools	2	13	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	-	-	
	FLD on Fisheries - Finger lings	1	5	
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	1	4	
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	1	4	
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	47	47	1363
	Farm women	18	18	394
	Rural youth	14	20	412
	Extension personnel/ In service	6	6	169
	Vocational trainings	2	42	40
	Sponsored Training	4	20	89
	Total	91	153	2467
		No. of programmes	Participants	
4	Extension Programmes	153	Mass	
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	20.41	-	
	Planting material produced (nos.)	500000	2467	
6	Livestock	Qty	Beneficiaries (nos.)	
	Livestock strains (Nos)	-	-	
	Milk Yield - Cow, Buffelo etc. (in liter)	3107.7	Mass	
	Fish (Kg.)	-	-	
	Fingerlings (nos.)	-	-	
	Poultry-Eggs (nos.)	-	-	
	Ducks (nos.)	-	-	
	Chicks etc. (nos.)	-	-	
7	Bio Products	Qty	Beneficiaries (nos.)	
	Bio Agents -Earth worm (Kg.)	-	-	
	Trichoderma (kg.)	-	-	

	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	1920	81	
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)	-	-	
8	Any other significant achievement in the Zone	Nos.	Participants/ beneficiaries	
	Award (Best KVK award and scientist and farmer's award)	16	16	
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	8	Mass	
	KVK News letter	4	2000	
	SAC Meetings conducted	1	60	
	Soil sample tested	2206	12022	
	Water sample tested	-	-	
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	-	-	
	KVK-KMA (Message and beneficiaries)	62	22015	
	Convergence programmes	4	Mass	
	Sponsored programmes	4	89	
	KVK Progressive Farmers interaction	4	25	
	No. of Technology Week Celebrations	2	37	
	Attended HRD activities organized by ZPD	6	5	
	Attended HRD activities organized by DES	19	7	
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	5	3	
9	Current status of Revolving Funds (Amt. in Rs.)			
10		No. of blocks	No. of villages	
	Outreach of KVK in the District	5	545	
11		ICAR	SAU	Others
	No. of important visitors to KVK (nos.)	1	4	10
12		Working (Yes/No)	No. of Update	
	Status of KVK Website	Yes	52	
13		Application received	Application disposed	
	Status of RTI (nos.)	03	03	
14		Query received	Query dissolved	
	Citizen Charter (nos.)	-	-	
15		Working (Yes/No)	No. of programme viewed	
	E-connectivity	-	-	
16		Filled	Vacant	
	Staff Position	13	03	
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)		02	
18	Publication received from ICAR /other organization (nos.)		10	
19		Particulars	Organization	
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)	-	-	

GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs on March, 2017

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	04	03	02	06	06	16	13

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Per./Temp.	Category
Mahasamund	Programme Coordinator	Dr. Satish Kumar Verma	Horticulture	Ph.D.	Horticulture	37400-67000/-9000 (AGP)	38800 + 9000 (AGP)	22.09.2012	Permanent	GEN
Mahasamund	Subject Matter Specialist1	Shri. Saket Dubey	Horticulture	M.Sc.	Horticulture	15600-39100/-5400 (AGP)	18240 + 5400 (AGP)	06.09.2012	Permanent	GEN
Mahasamund	Subject Matter Specialist2	Mr. Manish Kumar Singh	Agronomy	M.Sc.	Agronomy	15600-39100/-5400(AGP)	15,600 + 5400 (AGP)	17.09.2014	Permanent	GEN
Mahasamund	Subject Matter Specialist3	Er. Ravish Keshri	Soil & Water Engg.	M.E	Irrigation Water Mgmt Engg.	15600-39100/-5400(AGP)	15,600 + 5400 (AGP)	20.10.2014	Permanent	GEN
Mahasamund	Subject Matter Specialist4	Shri Kunal Chandrakar	Soil Science	M. Sc.	Soil Science	15600-39100/-5400(AGP)	15,600 + 5400 (AGP)	16.09.2014	Permanent	OBC
Mahasamund	Subject Matter Specialist5	V a cant								
Mahasamund	Subject Matter Specialist6	vacant								
Mahasamund	Programme Assistant	Mr. S. M. Ali Humayun	Entomology	M.Sc.	Entomology	9300 - 34600/-	9300 + 4200	27.10.2014	Permanent	GEN

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Per./Temp.	Category
						4200(AGP)	(AGP)			
Mahasamund	Farm Manager	Vacant	-	-	-	-	-	-	-	-
Mahasamund	Computer Programmer	Smt.Punitha Kartikeyan	Computer Science	MCA, M.Phil	Computer Science	9300 - 34600/- 4200(AGP)	11010 + 4200 (AGP)	29/07/2013	Permanent	GEN
Mahasamund	Accountant / superintendent/AG-1	Shri.U. M .Uppadhaya	-	H.S.C.	-	5200 - 20200/- 2800 (GP)	12810 + 2800 (GP)	27/12/2013	Permanent	GEN
Mahasamund	Stenographer/AG-II	Shri Abdul Vakil	-	H. S. C.	-	5200- 20200/- 2400 (GP)	8050 + 2400 (GP)	08.09.2008	Permanent	GEN
Mahasamund	Driver	Shri B. P. Dhruw	-	Primary	-	5200- 20200/- 2200 (AGP)	12820 + 2800 (GP)	20/12/2005	Permanent	ST
Mahasamund	Driver	Mr.Rajesh Markandey	-	10th	-	5200- 20200/- 1900 (AGP)-	6400 + 1900 (GP)	02/04/2013	Permanent	SC
Mahasamund	Supporting staff (Messanger)	Shri Khayal Das Vaishnav	-	-	-	4750-7440 1300 (AGP)	6890 + 1300 (GP)	04/02/2006	Permanent	GEN
Mahasamund	Supporting staff (Watchman)	Shri Jeewan Lal Yadav	-	-	-	4750-7440 1300 (AGP)	6410 + 1300 (GP)	06.10.2008	Permanent	OBC

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	5	545	10,32,275	71.54%	SC- 139581 ST-279896	Marginal- 156174 Small- 36445 Large-1087	

S. No.	Particular	Area(ha)	Data
1	Geographical area	Thousands(ha)	496.30
2	Forest area	Thousands(ha)	110.20
3	Cultivable Waste land	Thousands(ha)	8.98
4	Pasture land	Thousands(ha)	29.73
5	Net cropped area	Thousands(ha)	268.12
6	Double crop area	Thousands(ha)	50.81
7	Total Crop Area	Thousands(ha)	318.93
8	Rainfall	mm	1434.20 mm
9	Area Khaif (2016-17)	Thousands(ha)	268.33
10	Major Crop in Kharif	Area, 000 ha	Paddy - 241.41 Blackgram - 11.05 Greengram - 3.91
11	Area Rabi (2016-17)	Thousands(ha)	50.60
12	Major Crop in Rabi	Area, 000 ha	Wheat - 2.48 Lathyrus - 3.81 Green gram - 1.83
13	Cropping Intensity	Per cent	119
14	Kharif Irrigated Area	ha	105079
15	Rabi Irrigated Area	ha	43040
16	Irrigated area on the basis of Source (Kharif 2016)	ha	39322 – Canal 6902 – Pond 843 – Open Well 52614 – Tube Well 5398 – Others
17	Irrigated area on the basis of Source (Rabi 2016-17)	ha	500 – Canal 3200 – Pond 840 – Open Well 35000 – Tube Well 3500 – Others
18	Total Population (on the basis of census 2011)	No/ Per cent	10,32,275 (10.32 Lakhs) [M - 511475 ; F – 520800] 13.51% – SC, 27.10% – ST 59.39 %– Others

19	Literacy Rate	Per cent	71.54 [M-83.01; F-60.37]
20	Farmers Family on the basis of Caste (Total 193706)	Per cent	11.98 – SC 26.47 – ST 61.54 – Others
21	Farmers Family on the basis of Land Holding	No.	156174 – Marginal 36445 – Small 1087 - Large
22	Total No. of Villages	No	1147
23	Total No. of Panchayat	No	545
24	Total No. of Block	No	05
25	Total No. of Tehsil	No	05

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	Komakhan	2015-16	Bagbahara	45 Km	876	187
Mahasamund	Achhola	2015-16	Mahasamund	25 Km	3715	686

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

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	Integrated nutrient management
Mahasamund	Soil test based crop production system

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

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.	Mahasamund, Bagbahra, pithora, Basna, Saraipali
Mahasamund	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	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	Mahasamund, Bagbahra, pithora, Basna, Saraipali
Mahasamund	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.	Mahasamund, Bagbahra, pithora, Basna, Saraipali
Mahasamund	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.	Mahasamund, Bagbahra, pithora, Basna, Saraipali

2. On Farm Testing (OFT)

2.1 Information about OFT

KVK name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farmin g Situations	No. of trials	Results (q/ha)			Net Returns (Rs./ha)			Recommendati ons
										FP (T ₁)	RP (T ₂)	T ₃	FP (T ₁)	RP (T ₂)	T ₃	
Mahasamu nd	2017-18	Khari f	high seed rate, non uniformity in seed sowing	Assessme nt of eight row paddy drum seeder	Assessmen t	Small Farm Implements	Paddy	Irrigated	04	48.3	57.7		35296	65691		
Mahasamu nd	2017-18	Rabi	Poor field preparatio n after two or three operation in farmers practice	Assesmen t of rotavator for field preparatio n in wheat	Assessmen t	Farm Mechanisati on	Wheat	Irrigated	05	18.95	24.1		15487	24744		
Mahasamu nd	2016	Khari f	Use of Unidentifi ed Variety and Improper Managemen t Practices	Assessment of improved variety of Onion (Kharif Onion)	Assessmen t	Crop Production	Onion	Rainfed	05	140	170	200	100000	130000	160000	
Mahasamu nd	2016	Khari f	Use of Unidentifi ed Variety and Improper Managemen t Practices	Assessment of improved variety of Marigold	Assessmen t	Crop Production	Marigold	Rainfed	05	160	171	182	100000	111000	122000	

Mahasamu nd	201 6	Rabi	Use of Unidenti ed Variety and Improper Managem ent Practices	Assessment of improved variety of Tomato	Assessmen t	Crop Production	Tomato	Irrigated	05	280	520		60000	16000 0		
Mahasamu nd	201 6	Rabi	Use of Unidenti ed Variety and Improper Managem ent Practices	Assessment of Riverbed Cultivation of Watermelo n	Assessmen t	Crop Production	Watermel on	Irrigated	05	Result Awaited						
Mahasamu nd	201 6-17	Khari f	Low survival rate of fry at nursery ponds (Dabry)	Impact on survival rate of fry at nursery ponds through control of aquatic insects	Assessmen t	Production of fish seed	Fisheries	Lowland	04	0.65	1.79		27625	10109 5		
Mahasamu nd	201 6-17	Khari f	Low survival rate of fry at nursery ponds (Dabry)	Assessment on control of fairy shrimp (<i>Branchine lla sp</i>) in fish nurseries	Assessmen t	Production of fish seed	Fisheries	Lowland	04	0.53	1.68		20500	10012 5		
Mahasamu nd	201 6	Khari f	Low yield due to improper nutrient management	Assessmen t of Biofertilize r inoculation in Green Gram	Assessment	Integrated Nutrient Management	Green Gram	Rainfed	05	5.68	7.76		17394	25767		Application of PSB (10 gm/kg seed), Rhizobium (10 gm/kg seed) as seed treatment, 2.5 ton FYM/ha with RDF (20:40:20 NPK)

Mahasamund	2016-17	rabi	Imbalance use of fertilizer	Assessment of STCR based nutrient management in Mustard (Targeted yield 12 q/ha.)	Assessment	Nutrient Management	Mustard	Irrigated	05	6.62	10.39	9257	20168			STCR based nutrient management (Yield Target 12 q/ha.) Var. C.G. Sarson
Mahasamund	2016	Khari f	Heavy yield loss due to poor weed management/ no weeding/ hand weeding	Assessment of chemical weed management in Greengram SML-668	Assessment	Crop Production	Green gram	Rainfed	05	4.4	7.2	6990	19120			
Mahasamund	2016	Khari f	Low yield due to late sowing and old variety	Assessment of comparative yield performance of Greengram (variety SML-668)	Assessment	Crop Production	Green gram	Rainfed	05	4.5	6.8	7412.5	17130			
Mahasamund	2016	Rabi	Low yield due to late sowing and long duration variety	Assessment of comparative yield performance of newly released variety of Mustard (var. Chhattisgarh sarson)	Assessment	Crop Production	Mustard	Irrigated	05	5.7	9.8	2052.5	15085			

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	FP (T ₁)	RP (T ₂)	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	Assessment of eight row paddy drum seeder	Yield (Q/ha)	55.3	65.7	35705	19128	-	81291	96579	-	45586	77451	-	2.28	5.05	-
Mahasamund	Assessment of rotavator for field preparation in wheat	Yield (Q/ha)	18.95	24.1	15307	14418	-	30794	39162	-	15487	24744	-	2.01	2.72	-
Mahasamund	Assessment of improved variety of Onion (Kharif Onion)	Avg. Bulb Size (gm)	Bhima Subhara 100	Bhima Dark Red 130 Bhima Super 140	60000	60000	60000	160000	171000	182000	100000	111000	122000	2.66	2.85	3.02
Mahasamund	Assessment of improved variety of Marigold	Yield	140	180	230	62000	65000	65000	140000	180000	230000	78000	115000	165000	2.25	2.76
Mahasamund	Assessment of improved variety of Tomato	Avg. fruit Wt.(gm.)	75	90	80000	100000	-	140000	260000	-	60000	160000	-	1.75	2.60	-
Mahasamund	Assessment of Riverbed Cultivation	Avg. Fruit Size	Result Awaited													

	n of Watermelon															
Mahasamund	Impact on survival rate of fry at nursery ponds through control of aquatic insects		No control of aquatic insects	Insects control by Oil-soap emulsion	53750	113780	81375	214875	27625	101095	1.51	1.88				
Mahasamund	Assessment on control of fairy shrimp (<i>Branchinella sp</i>) in fish nurseries		No control of fairy shrimp	Use of Nuvan pesticide @ 375 ml/ha	51500	105000	72000	205125	20500	100125	1.39	1.95				
Mahasamund	Assessment of Biofertilizer inoculation in Green Gram	Grain yield qt/ha & B:C ratio	Yield-5.68 B:C ratio-2.41	Yield-7.76 B:C ratio-2.74	12284	14779	29678	40546	17394	25767	2.41	2.74				
Mahasamund	Assessment of STCR based nutrient management in Mustard (Targeted yield 12 q/ha.)	Grain yield qt/ha & B:C ratio	Yield-6.62 B:C ratio-1.6	Yield-10.39 B:C ratio-2.1	15237	18312	24494	38480	9257	20168	1.6	2.1				
Mahasamund	Assessment of chemical weed management in	Yield	4.4	7.2	-	16000	18500	-	22990	37620	-	6990	19120	-	1.44	2.03

	Greengram SML-668															
Mahasamund	Assessment of comparative yield performance of Greengram (variety SML-668)	Yield	4.5	6.8	-	16100	18400	-	23512.5	35530	-	7412.5	17130	-	1.46	1.93
Mahasamund	Assessment of comparative yield performance of newly released variety of Mustard (var. Chhattisgarh sarson)	Yield	5.7	9.8	-	16900	17500	-	18952.5	32585	-	2052.5	15085	-	1.12	1.86

2.3 Information about Home Science OFT: (For All Thematic Area)

KVK Name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment / Refinement)	Thematic Area	Details of Technology Selected for Assessment	Characteristics of Technology / Variety / Product / Enterprise	Farming / Enterprise Situation	No. of trials	Recommendations
Mahasamund	2016-17	Kharif, Rabi	Lack of information about technology in critical time	Assessment of "WhatsApp" for dissemination of agricultural technology.	Assessment	Information Communication Technology	Execution of WhatsApp as per schedule, Perception towards social media based technical information, knowledge and extent of utilization of technical information.	Whats group of farmers, RAEOs and officials.	-	01	-

1. Perception towards social media based technical information (Whatsapp) N=50.

Indicator	Frequency	Percent
Strongly Disagree	4	8.00
Disagree	5	10.00
Neither agree nor Disagree	3	6.00
Agree	33	66.0
Strongly agree	5	10.00

2. Knowledge towards social media based technical information(Whatapp)

S.No.	Knowledge	Frequency	Percent
1	Low	6	12
2	Medium	32	64
3	High	12	24

3. Extent of utilization of shared technical information

S.No.	Extent of Utilization	Frequency	Percent
1	Utilized	4	8
2	Partial	15	30
3	Not Utilized	31	62

Details of communicated messages

S.No.	Details	No. of Messages
1	Information(Mela,Meetings,Trainings etc.)	32
2	Agril.Practices/Impliments	20
3	Disease pest management	22
4	others	56
	Total	130

Mode of Messages

S.No.	Mode	No. of Messages
1	Text	42
2	Image	80
3	Video	08
	Total	130

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

KVK name	OFT Title	Performance Indicator / Parameter															
		Output m2/h		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		

2.4 (B) Economic Performance Home Science OFT: (For Income Genration)

KVK name	OFT Title	Performance Indicator / Parameter											
		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

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

KVK name	OFT Title	Performance Indicator / Parameter													
		Composition of product		Input used		outcome (Kg)		Cost of input		Incremental income		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

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

KVK name	OFT Title	Performance Indicator / Parameter				Nutrient Intake (Unit)						Anthropometric measurements								
		Name of vegetable/Fruit/Product		Per capita Consumption gm/day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)		Increase in Weight (Kg)		Increase in Height (cm)		Increase in BMI (%)		
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	

2.5 Feedback from KVK to Research System

Name of KVK	Feedback
Mahasamund	Research should be relevant to the present farming situation focus on the problem of the district/location.
Mahasamund	Application of INM in pulse crop increase yield and Soil health also
Mahasamund	STCR Based nutrient application increase crop yield and save the money also

3. Achievements of Frontline Demonstrations (FLD)

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
Mahasamund	Chickpea	Farm mechanization	Jaki-1918/ Seed cum fertilizer drill	Training and demonstration	6	48	34.4
Mahasamund	Fish	Fish seed production	Fish seed of Indian Major Carps	Training and demonstration	4	14	7
Mahasamund	Fish	Fish Production and management technology	Production of Catla, Rohu and Mrigala	Training and demonstration	6	12	14
Mahasamund	Paddy	Farm mechanization, Integrated Nutrient Management , Integrated Pest Management , Integrated Weed Management	Rajeshwari, line sowing by Seed Cum Fertilizer drill, plant protection measures, Application of nutrients	Training and demonstration	4	100	20
Mahasamund	Wheat	Farm mechanization and disease management	HI- 1544, Line sowing	Training and demonstration	3	69	50
Mahasamund	Tomato	Nursery Management	Raised Nursery Bed technique of Rainy Season Vegetables	Training and demonstration	5	55	12
Mahasamund	Sweet Potato	Crop Production	Indira Madhur	Training and demonstration	5	40	15
Mahasamund	Green Gram	Improved cultivation Practices	S.M.L.-668	Training and demonstration	12	214	86.6
Mahasamund	Mustard	Improved cultivation Practices	C.G. Sarson	Training and demonstration	2	75	30
Mahasamund	Turmeric	Improved cultivation practice	HYV (Suroma)	Training and demonstration	4	10	5
Mahasamund	Coriander	mproved cultivation practice	HYV (Gujarat Dhania 1)	Training and demonstration	5	10	5

Note-

- Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.
- *Crop name should be spelled correct and standard English name should be i.e Chick pea in place of gram, Paddy in place of Rice , brinjal in place of egg plant etc.
- *Don't press enter key to navigate among col use arrow or tab key
- *don't add space before or after statement within the table cell
- Kindly mention realistic estimated yield of your crop under Demonstration.
- If crop has been not yet harvested, mark it * on that

3.2 Details of FLDs implemented

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/Enterprise	Name of Variety/Technology/Entreprizes	Crop-Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Mahasamund	2016-17	Kharif	Small Farm Implements	Developed Animal Drawn Biasi Plough	Paddy	Developed Animal Drawn Biasi Plough	05	48.3	49.7	NA	0	0	5	0	5
Mahasamund	2016-17	Rabi	Farm Mechanization	Tractor drawn seed cum fertilizer drill	Chickpea	Seed cum fertilizer drill	06	9.65	13.55	40.41	0	0	8	0	8
Mahasamund	2016	Kharif	Crop Production	Improved Variety	Ginger	Suruchi	05	168	227	35	00	01	04	00	05
Mahasamund	2016	Kharif	Crop Production	Improved Variety	Turmeric	Suroma	05	182	241	33	00	01	04	00	05
Mahasamund	2016	Rabi	Crop Production	Improved Variety	Coriander	Gujarat Dhania-1	05	7.5	10	33	00	00	05	00	05
Mahasamund	2016	Rabi	Crop Production	Improved Variety	Fenugreek	RMT-305	05	08	10	25	00	00	05	00	05
Mahasamund	2016-17	Kharif	FIS	Demonstration on production of fingerlings of indian major carp	Fisheries	Catla, Rohu and Mrigala	2.0	3.34	9.34	64.23	00	02	03	00	05
Mahasamund	2016-17	Kharif	INM	Demonstration on INM in Black Gram	Green Gram	PU - 31	4.8	5.47	7.96	45.52	2	9	1	0	12
Mahasamund	2016-17	Rabi	INM	Demonstration on INM in Chickpea	Black Gram	JAKI - 9218	4.8	8.73	11.28	29.20	2	2	8	0	12
Mahasamund	2016	Kharif	Crop Production	Improved Variety	Blackgram	PU-31	05	4.1	6.5	36.92	00	00	12	00	12
Mahasamund	2016	Rabi	Crop Production	Improved Variety	Gram	JG-14	05	9.2	14.2	35.21	00	00	12	00	12

3.3 Economic Impact of 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)
Mahasamund	Developed Animal Drawn Biasi Plough	Paddy	Faield Capacity (Ha/hr)	0.04	0.11	35705	34074	71001	73059	35296	38985	1.99	2.14
Mahasamund	Tractor drawn seed cum fertilizer drill	Chickpea	yield (q/ha)	9.65	13.55	19893	18536	38600	54200	18707	35664	1.94	2.92
Mahasamund	Improved Variety of Ginger	Ginger	Rhizome Wt. per plant	190	230	130000	150000	336000	454000	206000	304000	2.58	3.02
Mahasamund	Improved Variety of Turmeric	Turmeric	Rhizome Wt. per plant	184	224	130000	150000	309400	409700	179400	259700	2.38	2.73
Mahasamund	Improved Variety of Coriander	Coriander	Yield per ha. (qntls.)	12	16	32000	36000	60000	80000	28000	44000	1.88	2.22
Mahasamund	Improved Variety of Fenugreek	Fenugreek	Yield per ha. (qntls.)	08	10	28000	32000	40000	50000	12000	18000	1.42	1.56
Mahasamund	Demonstration on production of fingerlings of indian major carp	Fisheries		Natural feeds	Supplementary feeds	23705	47810	40955	94780	17250	46970	1.72	1.98
Mahasamund	INM	Black Gram	Grain yield qt/ha & B:C ratio	Yield- 5.47 B:C ratio- 2.17	Yield- 7.96 B:C ratio- 2.70	12592	14692	27340	39800	14758	25108	2.14	2.7

Mahasamund	INM	Chickpea	Grain yield qt/ha & B:C ratio	Yield- 8.73 B:C ratio- 2.01	Yield- 11.28 B:C ratio- 2.31	17448	19490	34920	45120	17472	25630	2.01	2.31
Mahasamund	improved variety 'PU-31'	Blackgram	Yield per ha.	4.1	6.5	17200	19400	32800	52000	15600	32600	1.91	2.68
Mahasamund	Improved variety 'JG-14'	Gram	Yield per ha.	9.2	14.2	19800	20200	31510	48635	11710	28435	1.59	2.41

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

KVK name	Year	Season	Thematic Area	Problem Identified	Technology to be Demonstrated as Solution to the Identified Problem	Crop/ Enterprise (In which crop Enterprise or Farming Activity)	Name of Variety/Technology/Entreprizes	Farming Situation	Proposed area (ha)	No. of Beneficiaries
Mahasamund	2016	Kharif	Drudgery reduction	Low efficiency and high drudgery of farm women during Paddy weeding	Demonstration of Ambika Paddy weeder for drudgery reduction of farm women during Paddy weeding.	Paddy crop	Demonstration of Ambika Paddy Weeder	-	250sq.m	02
Mahasamund	2016	Kharif	WOE	Low income of farm family due to unawareness of other sources of income generation.	Frontline demonstration on mushroom production technology as an alternative source of income.	Oyster mushroom cultivation	variety Indira sweta average yield of 70.40% biological efficiency will be demonstrated	-	-	04

3.5 (A) Economic Performance Home Science FLD: (For Drudgery Reduction)

KVK name	OFT Title	Performance Indicator / Parameter													
		Output m2/h		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
Mahasamund	Demonstration of Ambika Paddy weeder for drudgery reduction of farm women during Paddy weeding	23.4	94.6	5.81	8.51	91	108	-	38.78	-	304.27	28	17	60.7%	Mahasamund

3.5 (B) Economic Performance Home Science FLD: (For Income Genration)

KVK name	OFT Title	Performance Indicator / Parameter											
		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Mahasamund	Frontline demonstration on mushroom production technology as an alternative source of income	-	130 kg/year	-	6325	-	15600	-	130		9275	-	1.68

3.5 (C) Economic Performance Home Science FLD: (For value addition)

KVK name	OFT Title	Performance Indicator / Parameter													
		Composition of product		Input used		outcome (Kg)		Cost of input		Incremental income		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

3.5 (D) Economic Performance Home Science FLD: (For Nutritional security)

KVK name	OFT Title	Performance Indicator / Parameter				Nutrient Intake (Unit)						Anthropometric measurements							
		Name of vegetable/Fruit/Product		Per capita Consumption gm/day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)		Increase in Weight (Kg)		Increase in Height (cm)		Increase in BMI (%)	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Mahasamund	Black Gram	Training	2	44	
Mahasamund	Black Gram	Field Day	1	74	
Mahasamund	Chickpea	Training	1	32	
Mahasamund	Chickpea	Field Day	1	50	
Mahasamund	Ginger	Field Day	1	27	
Mahasamund	Coriander	Field Day	1	25	

3.7 Details of FLD on crop hybrids.

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

4. Feedback System

4.1. Feedback of the Farmers to KVK

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption
Mahasamund	Zero till seed cum fertilizer drill	Zero till seed cum fertilizer drill	Time and cost effective, higher yield	Higher area coverage
Mahasamund	Improved crop management	Line sowing	Mechanical weeding is possible, lower seed rate, better crop growth	Higher area coverage
Mahasamund	Improved variety	Improved variety	Gives higher yield and higher income	Higher area coverage

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Mahasamund	Research should be relevant to the present farming situation focus on the problem of the district/location.
Mahasamund	Application of INM in pulse crop increase yield and Soil health also
Mahasamund	STCR Based nutrient application increase crop yield and save the money also

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
Mahasamund	FW		Nayakbandha 20-05-2016	31
Mahasamund	FW		Chhuhia 27-05-2016	26
Mahasamund	FW		KVK 12-06-2016	33
Mahasamund	FW		Nayakbandha 15-07-2016	28
Mahasamund	FW		KVK 28-04-2016	25
Mahasamund	FW		Chhaporadih 21-09-2016	27
Mahasamund	FW		Lafin kala 27-09-2016	35
Mahasamund	FW		Chhaporadih 21-10-2016	42
Mahasamund	FW		Sher 08-11-2016	26
Mahasamund	FW		Sakri 25-11-2016	48
Mahasamund	RY		Achhola 21-12-2016	19
Mahasamund	IS		KVK 24-01-2016	27
Mahasamund	FW		Arand 11-02-17	23
Mahasamund	FW		Achhola 21-03-2016	46

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							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Mahasamund	FW	OFC	IWM	Onfarm water management	1	1	0	0	0	0	1	0	15	0
Mahasamund	FW	OFC	FM	improved animal drawn machinery	1	1	0	0	0	0	1	0	40	0
Mahasamund	FW	OFC	SWC	water conservation techniques	1	1	0	0	0	0	25	0	8	0
Mahasamund	FW	ONC	IWM	drip irrigation technology	1	1	0	1	0	2	0	8	0	20
Mahasamund	FW	ONC	IWM	Low head drip irrigation system	1	1	0	1	0	0	0	15	0	15
Mahasamund	FW	OFC	FM	importance of tractor drawn rotavator for seedbed preparation	1	1	1	0	0	0	2	0	21	7
Mahasamund	FW	OFC	IWM	importance of mulching in vegetables	1	1	1	0	0	0	2	0	15	0
Mahasamund	FW	ONC	IWM	sprinkler irrigation system	1	1	0	0	0	0	2	0	7	4
Mahasamund	FW	OFC	FM	importance of seeddrill	1	1	0	0	0	0	2	0	11	0
Mahasamund	FW	OFC	FM	women friendly small farm equipments	1	1	0	0	0	0	3	0	7	0
Mahasamund	IS	ONC	HOV/ HOF	Poshan Vatika-Sthapna evam Dekhbhal	05	05	00	14	00	41	0	38	00	76
Mahasamund	FW	OFC	HOV	Improved Production Technology of Cowpea and Cluster bean	01	01	00	00	00	00	08	00	00	17
Mahasamund	FW	OFC	HOV	Improved Production Technology of Watermelon and Muskmelon	01	01	04	00	08	00	06	00	14	00
Mahasamund	FW	OFC	HOV	Improved Production technology of Cucurbitaceous Vegetables	01	01	00	00	00	00	26	00	00	04
Mahasamund	FW	OFC	HOS	Coriander-Improved Production technology	01	01	04	00	05	00	07	00	09	00
Mahasamund	FW	OFC	HOS	Production technology of Ginger	01	01	00	00	04	00	01	00	22	00
Mahasamund	FW	OFC	HOV	Improved Varieties of Summer Season Vegetables	01	01	00	00	04	00	01	00	23	00
Mahasamund	FW	OFC	WOE	Training on household food and nutrition security through Kitchen gardening.	1	2	-	-	-	-	17	2	7	4
Mahasamund	FW	OFC	WOE	Training on Location specific drudgery reduction technologies	1	1	-	-	-	6	-	-	-	38

Name of KVK	Category	Training Type	Thematic area	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	7	8	9	10	11	12	13	14	15	16
Mahasamund	FW	OFC	WOE	Training on Income generation activities for empowerment of rural Women	1	1	-	4	-	3	-	8	-	23
Mahasamund	FW	OFC	WOE	Training on Minimization of nutrient loss in processing	1	1	2	5	-	-	-	2	-	13
Mahasamund	FW	OFC	WOE	Training on Design and development of low/minimum cost diet	1	2	-	-	1	2	-	5	-	25
Mahasamund	FW	OFC	WOE	Training on Designing and development for high nutrient efficiency diet	1	2	-	-	-	-	-	5	-	9
Mahasamund	FW	OFC	WOE	Training on processing of fruits.	1	2	-	4	2	-	-	4	-	31
Mahasamund	FW	OFC	WOE	Training on mushroom Production	1	1	-	-	-	-	-	-	-	10
Mahasamund	FW	OFC	WOE	Training on Mushroom spawn production	1	1	-	-	-	-	-	3	-	7
Mahasamund	FW	OFC	WOE	Training on nursery raising techniques in pot trays	1	1	-	4	6	6	4	-	11	17
Mahasamund	FW	OFC	WOE	Training on Mushroom Processing technology	1	1	-	-	-	-	2	-	10	-
Mahasamund	FW	OFC	WOE	Training on Value addition	1	1	-	-	-	-	-	3	-	11
Mahasamund	RY	OFC	FIS	Importance of lime in pisciculture	02	01	03	01	02	03	05	00	05	02
Mahasamund	RY	OFC	FIS	Suitable fish species in composite fish culture	02	02	04	02	03	02	02	02	05	02
Mahasamund	RY	OFC	FIS	Role of Plankton in nursery pond managment	01	01	05	03	04	02	03	03	06	03
Mahasamund	RY	OFC	FIS	Different type of natural feeds in fish pond	02	01	02	01	02	03	04	02	07	04
Mahasamund	RY	OFC	FIS	Proper stocking of fingerlings in composite fish culture.	02	01	01	02	03	01	02	02	04	05
Mahasamund	RY	OFC	FIS	Different supplementary feeds and its application.	02	01	03	03	01	03	03	04	07	06
Mahasamund	RY	OFC	FIS	Type of feeding methods to fish	02	01	05	01	02	01	04	04	04	04
Mahasamund	RY	OFC	FIS	Fish Health Management	02	01	04	02	03	02	02	03	05	05
Mahasamund	RY	OFC	FIS	Integrated fish farming models at village level	02	01	06	02	02	03	06	02	06	06
Mahasamund	RY	OFC	FIS	Importance of lime in pisciculture	02	01	02	02	04	04	01	01	04	04
Mahasamund	RY	OFC	FIS	Suitable fish species in composite fish culture	02	01	03	03	01	02	03	03	05	03
Mahasamund	FW	OFC	INM	Soil health and fertility management	1	1	0	0	11	2	8	2	6	2
Mahasamund	FW	OFC	INM	Integrated nutrient management in Rice	1	1	2	0	8	0	6	1	7	2
Mahasamund	FW	ONC	INM	Vermicomposting technique	1	1	1	1	7	2	12	0	10	0
Mahasamund	FW	OFC	INM	Importance of organic farming	1	1	6	1	6	0	7	2	6	1
Mahasamund	FW	ONC	INM	Various techniques of organic farming	1	1	1	1	9	1	4	2	7	0
Mahasamund	FW	OFC	INM	Procedure of soil sampling and soil testing	1	1	2	1	8	2	8	3	3	0

Name of KVK	Category	Training Type	Thematic area	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	7	8	9	10	11	12	13	14	15	16
Mahasamund	FW	OFC	INM	Integrated nutrient management in wheat	1	1	3	0	7	0	8	1	7	1
Mahasamund	FW	OFC	INM	Integrated nutrient management in pulse crop	1	1	4	1	12	2	10	1	11	1
Mahasamund	FW	OFC	INM	Preparation, importance and use of vermiwash	1	1	3	1	7	3	6	1	6	0
Mahasamund	FW	OFC	INM	Biofertilizer production technology	1	1	6	2	10	3	5	4	10	2
Mahasamund	RY	OFC	NM	Procedure of soil sampling and soil testing	1	1	0	0	6	0	7	2	4	0
Mahasamund	IS	ONC	NM	Importance, production and use of Nadep compost	1	1	3	0	5	2	4	1	10	2
Mahasamund	FW	OFC	INM	Importance and advances of balance fertilization	1	1	0	4	0	0	7	2	9	1
Mahasamund	FW	ONC	INM	Various composting technique	1	1	5	1	15	1	8	1	10	6
Mahasamund	FW	OFC	CRP	IPM for paddy crop	01	01	00	00	04	00	10	00	03	00
Mahasamund	FW	OFC	CRP	Importance of insect control in cereals, pulses and oilseeds	01	01	04	00	16	00	11	00	03	00
Mahasamund	FW	OFC	CRP	Improved production technique of SRI method	01	01	01	00	09	00	00	00	00	00
Mahasamund	FW	OFC	CRP	Improved production technique of paddy	01	01	05	00	06	00	00	00	00	00
Mahasamund	FW	OFC	CRP	Improved production technique of Arhar	01	01	00	00	00	00	01	00	20	00
Mahasamund	FW	OFC	CRP	Improved production technology of Mustard and Maize	01	01	00	00	00	00	01	00	20	00
Mahasamund	FW	OFC	CRP	Improved production technique of Moong and Urd	01	01	00	00	01	00	00	00	19	00
Mahasamund	FW	OFC	CRP	Improved production technique of Mustard	01	01	00	00	00	00	01	00	19	00
Mahasamund	FW	OFC	CRP	Improved production technique of Gram and Lathyrus	01	01	00	00	01	00	00	00	19	00
Mahasamund	FW	OFC	CRP	Importance and methods of Soil and Water Conservation Technique	01	01	00	00	00	00	10	00	14	00
Mahasamund	FW	OFC	CRP	Improved production technique of Rabi crop	01	01	05	00	00	00	07	00	04	00
Mahasamund	FW	OFC	CRP	Improved production technique of Sunflower	01	01	02	00	01	00	09	00	02	00
Mahasamund	FW	OFC	PLP	Management of Paddy Insect Pests	1	1	0	0	11	2	8	2	6	2
Mahasamund	FW	OFC	IPM	Paddy IPM Module	1	1	2	0	8	0	6	1	7	2
Mahasamund	FW	ONC	PLP	Management of Paddy Insect Pests	1	1	1	1	7	2	12	0	10	0
Mahasamund	FW	OFC	PLP	Management of Insect Pest of Pigeonpea	1	1	6	1	6	0	7	2	6	1
Mahasamund	FW	ONC	PLP	Management of Paddy Insect Pests	1	1	1	1	9	1	4	2	7	0
Mahasamund	FW	OFC	IPM	IPM Techniques	1	1	2	1	8	2	8	3	3	0
Mahasamund	FW	OFC	PLP	Management of Insect pests of Chickpea	1	1	3	0	7	0	8	1	7	1
Mahasamund	FW	OFC	IPM	IPM in Chickpea	1	1	4	1	12	2	10	1	11	1

Name of KVK	Category	Training Type	Thematic area	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	7	8	9	10	11	12	13	14	15	16
Mahasamund	FW	OFC	PLP	Management of Insect pests of Mustard	1	1	3	1	7	3	6	1	6	0
Mahasamund	FW	ONC	PLP	Management of pests of Greengram	1	1	5	1	15	1	8	1	10	6

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							
					Gen		SC		ST		Others	
					M	F	M	F	M	F	M	F
Mahasamund	Preservation of fruits and vegetables	Preservation and processing	Preservation	40	-	-	-	2	-	5	-	23
Mahasamund	Mushroom production technique	Enterprise	Income generation enterprises for rural youth	02	1	-	-	-	-	-	9	-

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	-	-	-	-	-

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.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Mahasamund	Orchard Management and Maintenance	HOF		RY	07	28	00	00	09	01	01	04	02	00	SAMETI, Raipur CG	42000/-
Mahasamund	Guidelines to Institutionalize Effective Research Extension Farmer Linkage under ATMA	EXP		IS	03	03	04	00	13	00	08	02	05	00	SAMETI, Raipur CG	-----
Mahasamund	Composite Fish Culture	FIS		RY	05	10	02	00	11	00	03	00	04	00	NFDB, Hyderabad	41000

Mahasamund	Community pond management for enhancing fish production	FIS		RY	05	10	01	00	12	00	02	00	05	00	NFDB, Hyderabad	41000
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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.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		

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	Astronomical practices	552	02	04	22	34.8	15000	22000	100 ha 114 No. 12%
Mahasamund	Horticulture production techniques	245	1	3	168	227	206000	304000	12 ha 24 No. 19%
Mahasamund	Seed spices	32	1	3	12	16	28000	44000	14 ha 13 No. 23%
Mahasamund	Farm mechanization	86	2	4	9.65	13.55	18707	35664	34.4 ha 48 22%
Mahasamund	Mushroom Production	126	1	4	85kg/year 425gm/bag	130kg/year 650gm/bag	6000	9275	NA 56 24%

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	18	18	1695	786	512	322	19	04	Exhibition and Awareness	Field day in Black Gram, green gram (Kharif, summer) chickpea, wheat, Mustard, city composed, turmeric, ginger etc.	Before maturity
Mahasamund	Kisan Mela	2	2	565	365	69	59	28	09	Exhibition	Pre kharif and pre rabi mela	Maturity
Mahasamund	Kisan Ghosthi	12	14	159	113	70	11	12	10	Soil testing, INM, Biofertilizer Application, Organic farming	Soil health management, Vermicomposting, process of organic farming	Before Sowing and crop growth stage
Mahasamund	Exhibition	4	4	90	35	10	08	03	01-	-	-	-
Mahasamund	Film Show	1	2	40	23	10	06	2	0	-	-	-
Mahasamund	Method Demonstrations	6	6	22	10	09	03	01	01	-	-	-
Mahasamund	Farmers Seminar	1	1	20	3	2	01	01	0	-	-	-
Mahasamund	Workshop	4	4	39	42	35	09	03	02	-	-	-
Mahasamund	Group meetings	12	13	165	15	82	37	27	02	Awareness for INM, Soil fertility	Inm in paddy, INM in Pulses, Compostin Technology	Before Sowing
Mahasamund	Lectures delivered as resource persons	20	30	30	30	01	37	04	30	02	---	Training Organized by Hort.Deptt,MSMD, SAMETI & Orchard Management
Mahasamund	Newspaper coverage	30	20	Mass								
Mahasamund	Radio talks	6	2	Mass								
Mahasamund	TV talks	5	02	Mass								
Mahasamund	Popular articles	10	2	Mass								
Mahasamund	Extension Literature	10	07	Mass								
Mahasamund	Farm advisory Services	24	12	Mass								
Mahasamund	Scientific visit to	12	10	10	00	06	10	10	00			

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			
	farmers field											
Mahasamund	Farmers visit to KVK	500										
Mahasamund	Diagnostic visits	12										
Mahasamund	Exposure visits	2	01	01	09	01	03	04	00	00	To make farmer aware about the Improved and advance technologies in Orchard Management during training on Orchard Management & Maintenance	01
Mahasamund	Ex-trainees Sammelan	3	-	-	-	-	-	-	-	-	-	-
Mahasamund	Soil health Camp	6	1	46	12	25	9	5	2	Awareness for Soil health and fertility	How to improve soil health	Before Sowing
Mahasamund	Animal Health Camp	2	-	-	-	-	-	-	-	-	-	-
Mahasamund	Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-
Mahasamund	Soil test campaigns	06	1	58	19	23	5	2	1	Awareness for Soil health and fertility	How to improve soil health	Before Sowing
Mahasamund	Farm Science Club conveners meet	02	-	-	-	-	-	-	-	-	-	-
Mahasamund	Self Help Group conveners meetings	04	-	-	-	-	-	-	-	-	-	-
Mahasamund	Mahila Mandals conveners meetings	-	-	-	-	-	-	-	-	-	-	-
Mahasamund	Celebration of important days (World environment day)	-	1	452	36	129	27	22	10	Celebration of world Soil day	1	452

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	April	Quarterly	500	500
Mahasamund	July	Quarterly	500	500
Mahasamund	October	Quarterly	500	500
Mahasamund	January	Quarterly	500	500

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Mahasamund	Technical Bulletin	पोशण वाटिका-स्थापना एवं देखभाल	साकेत दुबे एवं सती । वर्मा	500
Mahasamund	Technical Bulletin	मसाला फसलें	साकेत दुबे एवं सती । वर्मा	500
Mahasamund	Technical Bulletin	धनिया मेथी-उन्नत उत्पादन तकनीक	साकेत दुबे,सती । वर्मा एवं कुणाल चन्द्राकर	500
Mahasamund	Technical Bulletin	फलोंद्यान- प्रबंधन एवं देखभाल	साकेत दुबे,सती । वर्मा एवं रवी । के । री	500
Mahasamund	Technical Bulletin	पपीता-उन्नत उत्पादन तकनीक	साकेत दुबे एवं सती । वर्मा	500
Mahasamund	Technical Bulletin	फल एवं सब्जी परिरक्षण	रेखा सिंह, एस. के. वर्मा, एस. एम. अली हुमायूँ, एवं सौगात सासमल	1000
Mahasamund	Technical Bulletin	धान एवं दलहन समन्वित कीट प्रबंधन	, एस. एम. अली हुमायूँ एवं एस.के.वर्मा	500

7.3 Details of Electronic Media Produced

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

8. Production and supply of Technological products

8.1 SEED production

KVK Name	Major group/class	Crop	Variety	Quantity (qt.)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Mahasamund	TL	Turmeric	Suroma	200		10	10
Mahasamund	TL	Ginger	Suruchi	300		10	10
Mahasamund	TL	Coriander	Gujarat Dhania-1	10		05	5
Mahasamund	TL	Fenugreek	RMT-305	13		05	5
Mahasamund	Certified	Pigeon pea	Rajivlochan	7		-	1 ha
Mahasamund	Certified	Seasamum	TKG - 308	5		-	0.4 ha
Mahasamund	Certified	Greengram	SML - 668	2.91		-	0.4 ha
Mahasamund	Certified	Blackgram	PU - 31	5.5		-	0.4 ha

8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Mahasamund	Fruits	Papaya	Red Lady	50,000		500	Mahasamund
Mahasamund	Vegetable	Moringa	PKM-1	50,000		500	Mahasamund
Mahasamund	Fruits	Karonda	Local	20,000		500	Mahasamund
Mahasamund	Fruits	C.Apple	Local	20,000		500	Mahasamund

8.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.) * Name of product should follow same pattern and spelled correct

KVK Name	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.)
Mahasamund	Bio Agents	-	-	-	-	-	-
Mahasamund	Bio Agents	-	-	-	-	-	-
Mahasamund	Bio Fertilizer	Vermicompost	720	6	3600	35	70
Mahasamund	Bio Fertilizer	Nadep Compost	1200	15	6000	46	85

8.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Breed	Type of Produce	Qty. (kg/qt./litre)	Value (Rs.)	No. of Beneficiaries
Mahasamund	Cow	Gir	Milk	3107.7 Liter	111880	Mass
Mahasamund	Goat	Barberi	Live Goat	116.3 Kg	20934	5

9. Activities of Soil and Water Testing Laboratory

9.1 Details of soil samples analyzed so far:

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Soil report distributed to the farmers (Nos)
Mahasamund	Established a mini Soil testing lab	2016-17	Krishi Vigyan Kendra Soil testing laboratory	2206	12022	71	357000	10132

9.2 Details of water samples analyzed so far :

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Water report distributed to the farmers (Nos)
Mahasamund								

10. Rainwater Harvesting

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					Nil					

11. Utilization of Farmers Hostel facilities

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)	Accommodation available (No. of beds)
Mahasamund								Nil

12. Utilization of Staff Quarters facilities

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

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Mahasamund	09.06.16	60	1. Discourage summer paddy and increase the area under pulses and oil seeds. 2. Include more no. of farmers for KMA 3. Extensive field visit during cropping season for identifying the pest and disease. 4. Technology demonstration and training for new improved technologies should be conducted.

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

KVK Name	No. of messages sent	No. of beneficiary		Sponsoring agency (NIC, Farmers Portal, etc.)	Major recommendations
		Farmers	Ext. Pers.		
Mahasamund	62	22000	15	Mkiasn.gov.in	Agricultural Technologies

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	MGNAREGA	Jila Panchayat, Mahasamund	579600	Preparation of NADEP (38 No.) and vermicompost (18 No.) at KVK farm	Organic fertilizer production	
Mahasamund	MGNAREGA	Jila Panchayat, Mahasamund	1487000	Horticultural plant nursery raising	horticulture	
Mahasamund	MGNAREGA	Jila Panchayat, Mahasamund	2127000	Fish cultivation at KVK farm	fisheries	
Mahasamund	MGNAREGA	Jila Panchayat, Mahasamund	2700000	Maintenance and intercropping of newly established orchard	horticulture	

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.) (Till 31.03.17)
Mahasamund	36711328700	81473	435837	435837

17. Awards & Recognitions

KVK Name	Name of award /Awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Mahasamund	1 st Best Poster Presentation / Sh Saket Dubey	SMS (Horticulture)	IGKV,Raipur	Certificate
Mahasamund	ATMA- Block level best farmers award /	Farmer (Agriculture)	DDA, Mahasamund	Rs. 10000/-

	Shri Kisanlal Agrawal, Village: Ghodhari, Block: Mahasamund			
Mahasamund	ATMA- Block level best farmers award / Shri Dikelal Sahu, Village: Kosrangi, Block: Mahasamund	Farmer (Horticulture)	DDA, Mahasamund	Rs. 10000/-
Mahasamund	ATMA- Block level best farmers award / Mrs. Sonkunwar Sonwani, Village: Birkoni, Block: Mahasamund	Farmer (Fishery)	DDA, Mahasamund	Rs. 10000/-
Mahasamund	ATMA- Block level best farmers award / Shri Omkumar Sahu, Village: Turijhar, Block: Bagbahra	Farmer (Agriculture)	DDA, Mahasamund	Rs. 10000/-
Mahasamund	ATMA- Block level best farmers award / Shri Lalit Kumar Patel, Village: Kausara, Block: Bagbahrs	Farmer (Horticulture)	DDA, Mahasamund	Rs. 10000/-
Mahasamund	ATMA- Block level best farmers award / Mrs. Salendri Dhruw, Village: Kushpali, Block: Bagbahrs	Farmer (Animal Husbandry)	DDA, Mahasamund	Rs. 10000/-
Mahasamund	ATMA- Block level best farmers award / Shri Human Lal Sen, Village: Kheradburd, Block: Bagbahra	Farmer (Fishery)	DDA, Mahasamund	Rs. 10000/-
Mahasamund	ATMA- Block level best farmers award / Shri Dular Singh Patel, Village: Khuteri, Block: Pithora	Farmer (Agriculture)	DDA, Mahasamund	Rs. 10000/-
Mahasamund	ATMA- Block level best farmers award / Shri Ramnath Patel, Village: Kosripur, Block: Pithora	Farmer (Horticulture)	DDA, Mahasamund	Rs. 10000/-
Mahasamund	ATMA- Block level best farmers award / Shri Ranjit Kosaria, Village: Lakhagarh, Block: Pithora	Farmer (Animal Husbandry)	DDA, Mahasamund	Rs. 10000/-
Mahasamund	ATMA- Block level best farmers award / Shri Sachhidanand Barik, Village: Savitripur, Block: Pithora	Farmer (Fishery)	DDA, Mahasamund	Rs. 10000/-
Mahasamund	ATMA- Block level best farmers award / Shri Dilip Kumar, Village: Bichhia, Block: Basna	Farmer (Agriculture)	DDA, Mahasamund	Rs. 10000/-
Mahasamund	ATMA- Block level best farmers award / Shri Rajendra Kumar Sahu, Village: Kolta, Block: Basna	Farmer (Horticulture)	DDA, Mahasamund	Rs. 10000/-
Mahasamund	ATMA- Block level best farmers award / Shri Bhagirathi Patel, Village: Umaria, Block: Basna	Farmer (Animal Husbandry)	DDA, Mahasamund	Rs. 10000/-
Mahasamund	ATMA- Block level best farmers award / Shri Anil Nag, Village: Kolihadevri, Block: Basna	Farmer (Fishery)	DDA, Mahasamund	Rs. 10000/-
Mahasamund	ATMA- Block level best farmers award / Shri Ramnayak Nayak, Village: Ichchhapur, Block: Saraipali	Farmer (Agriculture)	DDA, Mahasamund	Rs. 10000/-
Mahasamund	ATMA- Block level best farmers award / Shri Rajesh Kumar Nayak, Village: Bhothaldih, Block: Saraipali	Farmer (Animal Husbandry)	DDA, Mahasamund	Rs. 10000/-
Mahasamund	ATMA- Block level best farmers award / Shri Abhimanyu Manjhi, Village: Pretandih, Block: Saraipali	Farmer (Fishery)	DDA, Mahasamund	Rs. 10000/-

18. Details of KVK Agro-technological Park .

a) Have you prepared layout plan, where sent?

S.No.	Name of KVK	Technology park proposal developed(yes/no)	If yes, where sent ? (ZPD/DES/any other, pl. sp.)
01	Mahasamund	yes	ATARI/DES/DDA/JP

b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
Mahasamund	Crop Cafeteria	Pigeonpea, Maize, Sesamum, Mustard, Sweet corn, Tomato, Brinjal, Chilli, Turmeric, Ginger, Coriander, Fenugreek, Marigold, Tuberose, Gladiolus
Mahasamund	Technology Desk	-
Mahasamund	Visitors Gallery	Farmers/SHGs/NGO/Extension workers/Farmers friend
Mahasamund	Technology Exhibition	Drip irrigated orchard, mulching in orchard, pitcher irrigation system, hydroponics fodder production unit, shade net house, nutrition garden
Mahasamund	Technology Gate-Valve	02

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1	Agronomical Crops	1
2.	Fodder Crops	1
3.	Horticultural Crops	1

19. Farm Innovators- list of 10 Farm Innovators from the District

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1	Mahasamund	Shri Prasant Purohit	Mushroom Production	Village: Kishanpur, Tahsil: Pithora, District: Mahasamund M: 07771054123, 07049903805
2	Mahasamund	Shri Milan Vishvakarma	Lac Cultivation	Village: Kurrubhata, Tahsil: Bagbahra, District: Mahasamund M: 09770122497, 07697583758
3	Mahasamund	Shri Gajanad Patel	Polyhouse Flower Production	Village: Chhaporadih, Tahsil: Mahasamund, District: Mahasamund M: 09977819939
4	Mahasamund	Shri Gajanad Patel	Vermicomposed Production	Village: Chhaporadih, Tahsil: Mahasamund, District: Mahasamund M: 09977819939
5	Mahasamund	Shri G R Diwan	Fishery cum Horticulture	Village: Navagaon, Tahsil: Mahasamund, District: Mahasamund

6	Mahasamund	Devendra Chandrakar	High tech horticulture	Village: Gahnaghat, Tahsil: Mahasamund, District: Mahasamund M: 09425215186
7	Mahasamund	Yogendra Chandrakar	Vegetable production	Village: Gahnaghat, Tahsil: Mahasamund, District: Mahasamund M: 0930814522
8	Mahasamund	Shri Murari Sahu	SRI cultivation	Village: Achhola, Tahsil: Mahasamund, District: Mahasamund M: 09753413921

20. KVK interaction with progressive farmers

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated
1	07.09.16	5
2	08.12.16	4
3	19.01.17	7
4	27.01.17	9

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Mahasamund	3	2	10	535

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

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

Sr. No.	Name of crop under Technology demonstration	Area under the programme	No. of Extension Activities	Remarks / Lessons learnt
01	Mahasamund		NA	

23. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
01	Gariyaband	KVK, Gariyaband	Mushroom cultivation, fisheries
02	Dhamtari	KVK, Dhamtari	Farm implements, Horticulture, IPM

24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Mahasamund	Smt. Nirupama Chandrakar	13.06.2016			Committee Member. IGKV Raipur	
Mahasamund	Shri. S.R Verma	08.08.2016		Registrar, IGKV, Raipur		
Mahasamund	Shri. A.Asna	08.08.2016			Joint Director, Raipur	
Mahasamund	Dr. A. P. Dwivedi	21.10.2016	Sr. Scientist Agronomy ICAR – ATARI-Jabalpur			
Mahasamund	Smt. Rupkumari Omprakash Chaudhry	05.12.2016			Parliamentary Secretary Mahila Evam Bal Vikash v Samaj Kalyan Vibhag- CG Govt.	
Mahasamund	Dr. Vimal Chopra	05.12.2016			MLA- Mahasamund	
Mahasamund	Shri. Punam Chandrakar	05.12.2016			Former Minister CG- Govt.	
Mahasamund	Smt. Gopa Moti Sahu	05.12.2016			Vice President Jila Panchayat Mahasamund	
Mahasamund	Smt. Amrita Narendra Chandrakar	05.12.2016			Sabhapati, Krishi Sthai Samiti Jila Panchayat Mahasamund	
Mahasamund	Shri. Dharamdas Mahilang	05.12.2016			President Janpat Panchayat Mahasamund	
Mahasamund	Shri.V.P. Choubey	05.12.2016			DDA- Mahasamund	
Mahasamund	Dr. Jharia	05.12.2016			DDVT- Mahasamund	
Mahasamund	Dr. M. P. Thakur	21.12.2016		DES, IGKV, Raipur		
Mahasamund	Dr. K.L. Nandeha	21/02/2017		Sr. Scientist Agronomy, IGKV, Raipur		
Mahasamund	Dr. A.K. Dave	03.03.2017		Prof. & Head, FMP. FAE- Raipur		

25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
01	Mahasamund	February 2014	52	4400

26. 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			
Mahasamund	NA					

27. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
01	Mahasamund	03	03	

28. Status of Citizen Charter

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

29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Mahasamund	Dr. S. K. Verma	Senior Scientist & Head	01	4 th MDP Programme (5 days) third phase at ICAR-ATARI, Jabalpur
Mahasamund	Dr. Saugat Sasmal	SMS (Fishery)	02	-
Mahasamund	Dr. Rekha Singh	SMS (Home Science)	01	-
Mahasamund	Mrs. Punitha Kartikeyan	PA (Computer)	01	-
Mahasamund	Shri S. M. Ali Humayn	PA (Entomology)	01	Training programme at ICAR-NRCRM, Bharatpur (Rajasthan)

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Mahasamund	05	06

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Mahasamund	Dr. S. K. Verma	Senior Scientist & Head	18	Pre zonal review meeting
Mahasamund	Dr. Rekha Singh	SMS (Home Science)	01	Pre zonal review meeting
Mahasamund	Dr. Saugat Sasmal	SMS (Fishery)	01	Pre zonal review meeting
Mahasamund	Saket Dubey	Subject Matter Specialist (Horticulture)	01	Pre zonal review meeting

Mahasamund	Kunal Chandrakar	Subject Matter Specialist (Soil Science)	01	Pre zonal review meeting
Mahasamund	Er. Ravish Keshri	Subject Matter Specialist (Soil & Water Engineering)	01	Pre zonal review meeting
Mahasamund	Shri Manish Kumar Singh	Subject Matter Specialist (Agronomy)	01	Pre zonal review meeting

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Mahasamund	07	19

31. Attended HRD Programmes by KVK Staff (Refresher course, Short course, Training programme etc.)

Name of KVK	Name of Staff	Post held	Programmes attended (Nos)	Remarks
Mahasamund	Dr. S. K. Verma	Senior Scientist & Head	02	4 th MDP Programme (15 days) at ICAR-MANAGE, Hyderabad 4 th MDP Programme (10 days), UAS, KVK, Bangaluru Rural
Mahasamund	Saket Dubey	Subject Matter Specialist (Horticulture)	02	21 days ICAR Summer School at NRCL, Muzaffarpur (Bihar) 3 days training at ICAR-IIHR, Bangalore
Mahasamund	Kunal Chandrakar	Subject Matter Specialist (Soil Science)	01	Training on organic farming at EEI, Anand

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Mahasamund	03	05

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

Name of KVK	Alert observed	Particulars	Reported to organization
Mahasamund	-	-	-

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Mahasamund	Soil health awareness programme	02	37	Soil health

34. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

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

Farmers-scientists interaction on livestock management

Name of KVK	Livestock components	Number of interactions	No. of participants
Mahasamund	-	-	-

Animal health camps organized

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

Seed distribution in drought hit states

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

Seedlings and Saplings distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
Seedlings				
Mahasamund	Tomato	10,000		150
Mahasamund	Chilli	10,000		140
Mahasamund	Cabbage	10,000		130
Mahasamund	Cauliflower	10,000		125
Mahasamund	Onion	10,000		130
Mahasamund	Marigold	10,000		150

Bio-control Agents

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

Bio-Fertilizer

Name of KVK	Bio-Fertilizer	Quantity (kg)	Coverage of Area (ha)	No. of farmers
Mahasamund	Nadep compost	1200	46	85
Mahasamund	Vermi compost	720	70	35

Verns Produced

Name of KVK	Verns Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers
Mahasamund	15 kg.	0.15	40	10

Large-scale adoption of resource conservation technologies

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

Awareness campaign

Name of KVK	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers
Mahasamund	7	178	5	156	4	178	1	676				

35. Proposal of NICRA

1. Technologies to be Demonstrated

Name of Technology	Name of Crop	Area (ha.)	Yield	% change in Yield	No. of farmers benefitted
NA					

2. Proposed Extension Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
NA				

3. Proposed Training Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
NA				

4. Proposed Activities for Fodder Bank

Established (Years)	Capacity	Current Status
NA		

5. Proposed Activities for Seed Bank

Established (Years)	Capacity	Current Status
	NA	

6. Public Representative/District Administration Visited in NICRA Village

Name of Representative/Officer	Designation	Date of Visit	Any Special Remark by Visitors
			NA

7. Feedback of Farmers for future improvement, if any.

NA

36. Proposed works under NAIP (in NAIP monitoring format)

NA

37. Case study / Success Story to be developed – Two best only in the following format

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

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1	Mahasamund	02	00

Success Story 1

1.	NAME	Sh. Gajanand Patel
2.	FATHERS NAME	Sh. Koushal Prasad Patel
3.	DATE OF BIRTH	02.07.1966
4.	FULL ADDRESS (WITH TEL NO. AND FAX NO. AND E-MAIL ADDRESS, IF ANY)	Village: Chaporadih, Post: Jalki, Block+ Distt: Mahasamund Mob. No.09977819939
5.	EDUCATIONAL QUALIFICATION	8 th Passed
6.	EXPERIENCE (IN BRIEF)	33 years of experience in Field of Agriculture / Horticulture.
7.	PRESENT POSITION	At Present, he is engaged in polyhouse cultivation in seven acres in which he is taking Lily, Chrysanthemum

		<p>as well as Dutch Rose.</p> <p>He is also engaged in Vermicompost Production and has about 70 vermitanks from which he is taking about 9000 quintals of Vermicompost production annually.</p>
8.	<p>OUTSTANDING CONTRIBUTION IN THE FIELD OF AGRICULTURE AND AWARDS RECEIVED,IF ANY</p>	<p>Looking after the success of Sh. Gajanand Patel near about 45 farmers of the locality started Polyhouse cultivation, 30 farmers started Vermicompost production. He was the first to start the line sowing of Paddy and adopting SRI technique and now a days near about 75% farmers of the village are taking paddy by SRI technique. He is also a big supplier of Vermicompost to various government agencies.</p> <p>Awards Received</p> <p>i) Recently he has received the Dr. Khoob Chand Baghel “Krishi Ratna” Award for the Year 2015.</p> <p>ii) He has been honored by Sh. Narendra Modi Former Chief Minister, Gujarat during the Vibrant Gujarat 2013-Global Agriculture Summit at Gandhinagar, Gujarat.</p> <p>iii) Also Received the Appreciation Certificate by Project Director, ATMA and Deputy Director Agriculture, Mahasamund for Certified Seed Production in the year 2012.</p>



Name	: Mr. Milan Vishwakarma	
Address	Village : Kurrubhanta, Block: Bagbahra, District : Mahasamund Mobile No. 09770122497/ 07697583758	
Personal Profile		Description of achievements/Venture
Age	41yrs	Mr. Milan Vishwakarma based at village Kurrubhanta, block bagbahra, dist. Mahasamund; he took training in lac production organized by Indian Lac research Institute, Ranchi in 2003. After that, he started lac production in small area, but since 3 years, he started producing lac in semilata plant in around 10 acre.
Education	12th	
Land Holding	10 Acre	
Business experience	12 Years experience in Lac Production	
Products	Lac	
Asset Value	1,00,000/-	Turnover and Person Employed in Details
Social Recognition	Yes recognized in Mahasamund District	He sold approximately 50,000/acre and at present he has employed 5 labour throughout the year and 70 labours for 4 months (Harvesting/mounting)
Annual Income	5,50,000 lacs / acre	
Award recognition	<ol style="list-style-type: none"> 1. He got award in Feb 2014 as "Utkrisht Krishak Award" by Indian Lac research Institute, Ranchi (Jharkhand) 2. He got award by District collector in January 2014 for Lac production. 	



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