

ANNUAL PROGRESS REPORT OF THE KVK, MALKANGIRI

(APRIL-2011 – MARCH-2012)

**ORISSA UNIVERSITY OF AGRICULTURE AND
TECHNOLOGY, BHUBANESWAR**

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	7
3	Achievements of Frontline Demonstrations	8-9
4	Documentation of the need assessment conducted by the KVK for the training programme	10
5	Training programmes	11-12
6	Extension Activities	13
7	Literature Developed/Published (with full title, author & reference)	14
8	Production and supply of Technological products	15-16
9	Activities of Soil and Water Testing Laboratory	16
10	Rainwater Harvesting	16
11	Utilization of Farmer Hostel facilities	17
12	Utilization of Staff Quarter facilities	17
13	Details of SAC Meeting	17
14	Status of Kisan Mobile Advisory	17
15	Status of Convergence with agricultural schemes	18
16.	Status of Revolving Funds	18
17.	Awards & Recognition	18
18.	Case study and Success story	18
19.	Details of KVK Agro-technological Park	19
20.	Important visitors to KVK	19
21.	Status of KVK Website	19
22.	Status of E-connectivity	19
23.	Details of Technological Week Celebration	19-20
24.	Interventions on Drought Mitigation	20-22
25.	Status of KVK Website	22
26.	Action Photographs	22

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 September, 2011

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	
KVK, Malkangiri	OFTs	14	125	10	80	
KVK, Malkangiri	FLDs – Oilseeds (activity in ha)	5	12	5	12	
KVK, Malkangiri	FLDs – Pulses (activity in ha)	5	12	5	12	
KVK, Malkangiri	FLDs – Cotton (activity in ha) FLDs- Groundnut (TSP)	-	-	4	10	
KVK, Malkangiri	FLDs – Other than Oilseed and pulse crops(activity in ha)	16.2	80	15.2	75	
KVK, Malkangiri	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	4	35	4	35	
KVK, Malkangiri	Training-Farmers and farm women	57	1425	56	1400	
KVK, Malkangiri	Training-Rural youths	20	300	18	270	
KVK, Malkangiri	Training- Extension functionaries	13	130	11	121	
KVK, Malkangiri	Extension Activities	651	6594	557	6156	
KVK, Malkangiri	Seed Production (Number of activity as seeds in quintal)	48 qtl.		35.1		
KVK, Malkangiri	Planting material ((Number of activity as quantity of planting material in quintal)					
KVK, Malkangiri	Seedling Production (Number of activity as number of seedlings in numbers)	8,000		17,000		
KVK, Malkangiri	Sapling Production (Number of activity as number of sapling in numbers)					
KVK, Malkangiri	Other Bio- products					
KVK, Malkangiri	Live stock products					
KVK, Malkangiri	SAC Meeting (Date & no. of core/official members	1	25	1 24.06.11	25	

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)
KVK, Malkangiri	Subject Matter Specialist6									
KVK, Malkangiri	Programme Assistant									
KVK, Malkangiri	Farm Manager									
KVK, Malkangiri	Computer Programmer									
KVK, Malkangiri	Accountant / superintendent									
KVK, Malkangiri	Stenographer	Sri Pradeep Kumar Nayak		B.Sc.		5200-20500	6100	12.10.06	Temporary	Others
KVK, Malkangiri	Driver	Sri Chandra Sekhar Behera		HSC		5200-20500	5920	01.08.07	Temporary	S.C
KVK, Malkangiri	Supporting staff	Sri Budhia Behera				2,550	2605	30.07.08	Temporary	OBC
KVK, Malkangiri	Supporting staff	Sri Bata Naik				2,550	2605	01.08.08	Temporary	S.C

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

1.2.1 Malkangiri District at a Glance

Agro Climatic Zone	South Eastern Ghat Zone
Location	Chhatishgarh in North and West, Andhra Pradesh in South, Koraput district in East
Latitude	17 ⁰ 40' to 18 ⁰ 43'
Longitude	81 ⁰ 22' to 82 ⁰ 25'
Altitude	300-900 m MSL
River system	Saberi in the North-West and Sileru in the South separating Malkangiri from Andhra Pradesh and Chhatishgarh
Population density	87 per sq km (as per 2001 census)
Total Geographical area	579100 ha(As per Dist. Statistical hand Book)

Gross cultivated area	167000 ha
Total cultivated area	141560 ha
High land	87121 ha (61.55%)
Medium land	30414 ha (21.48%)
Low land	24025 ha (16.97%)
Total Population	505000 (SC-23%, ST-55% & Other-22%)
Total Agriculture Family	91667
Total Population of Male	253000
Total Population of Female	252000
Literacy rate	30.53%
Soil Texture	Sandy loam, clay loam
Soil type	Red laterite, acidic
Fertilizer Consumption	17.78 : 8.92 : 4.82 kg NPK per hectare
Major Cropping system	Rice-Rice, Rice-Groundnut, Rice-vegetable, sesamum-Rice Rice-Maize
Predominant crop	Paddy (Area-85126 ha, average yield-20.12 q/ha) Groundnut(Area-14156 ha, average yield-21.64 q/ha)
Other crops	Sesamum, Greengram, Maize, Vegetables
Cropping intensity	126% during 2008-09
Major plantation crop	Mango, Banana
Average annual rainfall	1521.8 mm (75% received during June to September)
Relative Humidity	25-70%
Average Maximum Temp.	44.8 ⁰ C

DETAILS OF DISTRICT (2010-11)

1.2.2 Major farming systems/enterprises (based on the analysis made by the KVK)

S. No	Farming system/enterprise
1	Rice –Rice
2	Rice –Groundnut
3	Rice-vegetables
4	Fallow-Sesamum-Rice
5	Rice-fish
6	Rice-Greengram
7	Pond based
8	Vegetable-vegetable
9	Arhar-Rice

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

S. No	Agro-climatic Zone	Characteristics
1	South Eastern Ghat	<p>Situated between 17⁰ 49' and 18⁰ 3' N latitude ; 81⁰ 15' and 82⁰ 75' E longitude Scattered and sharp isolated hills and thick forest Major area covered under undulated uplands Major soil type are –red sandy loam, red loam, red laterite and black loam. Annual average rainfall 1521.8mm Mostly poor acidic , red soil . Mono crop with rice,ragi,sesamum,groundnut and some vegetables in kharif as rainfed crops</p>

S. No	Agro ecological situation	Characteristics
1	Medium rainfall, high elevation (1000-1250 mm, 400-900m)	<p>Red soil with undulated up lands , cultivated crops are ,Rice,ragi,kulthi and maize Receiving the rain fall -1200 mm</p>
2	Medium rainfall, low elevation (1000-1250 mm, <400m)	<p>Red and red laterite soil with crop covers like rice,maize,mung with rain fall 1250mm</p>
3	High rainfall, low elevation (>1250 mm, <400m)	<p>Red soil with crop covers of rice,groundnut ,mung and ragi</p>
4	Low rainfall, low elevation (<1000 mm, <400m)	<p>Red and laterite soil ,low rain fall, crop covers like rice ,til ,black gram etc.</p>

1.2.4 Soil type

S. No	Soil type	Characteristics	Area in ha
1	Red sandy loam	Highly erodible, fertile, covers major area	317.0
2	Red loam laterite	Undulated waste lands, covers orchard crops, ragi and some pulses and oil seeds	238.0
3	Black laterite	Waste lands	260.0

1.2.5 Rainfall data (Mongh/Block wise) Year 2010-11

Month	Malkangiri	K. Konda	Mathili	Khairput	K. Gumma	Kalimela	Podia	Average	Remarks Normal
April-10	28.0	5.0	0	0	0	4.0	0	5.29	34.8
May-10	40.0	15.0	17.0	47.0	40.0	58.0	32.0	35.57	49.1
June-10	143.5	131.0	142.00	149.00	44.00	91.0	43.0	106.21	212.2
July-10	248.8	174.1	384.0	287.0	156.0	208.1	290	249.71	465.7
Aug.-10	174.2	247.0	338.0	280.5	173.2	229.7	147.0	227.09	274.53
Sept-10	150.2	282.0	378.0	407.0	413.6	322.0	431.0	340.54	281.2
Total	784.7	854.1	1259	1170.5	826.8	912.8	943	964.41	1317.53

1.2.6 Crop coverage

Sl No	Crop	Area(ha)	Production (0.000MT)	Productivity(q/ha)
1.	Total Paddy	93860	112.35	17.87
2.	Total Maize	9010	14.75	16.37
3.	Ragi	7670	5.43	7.08
4.	Arhar	1030	0.46	4.45
5.	Green gram	7200	3.3	4.2
6.	Black gram	8390	2.74	3.27
7.	Groundnut	19890	45.19	22.72

8.	Sesame	27950	13.14	4.70
9.	Mustard	450	0.16	3.6
10.	Mesta	55	3.56	11.64
11.	Chilli	1630	1.4	8.59
12.	Cowpea	5310	3.33	6.27
13.	Sweet Potato	1410	12.05	85.46
14.	Onion	150	1.26	84
15.	Other Vegetable	13170	168.69	128.08
Total Vegetable		14730	182	123.56

1.2.7 Livestock scenario of the district

Cow	Indian breed	428963	5.9TMt
	Cross breed	5692	5.53TMt
Bufallo	Indian breed	46890	5.381TMt
Total		481545	16.811TMt
Goat	Indian breed	144961	13653
Sheep	Indian breed	28545	4454 Kg/year
Pig	Indian breed	60173	-

1.2.8 An overview of Pisciculture in the district

Water Resources	Nos.	Area in ha
Reservoirs	3	17658.000
MIPS	26	286.465
Rivers and Canals	29	19240.000
GP Tanks	1112	937.27
Revenue Tanks	150	180.000
Private Tanks	5291	1583.990
Total	6355	39737.185

1.2.9 Block wise Fish production in the District (2010-11)

Name of Block	Total Fish Production (in Mt)
Kalimela	726.1
Khairput	8.5
K. Gumma	132.1
Korukonda	806.1
Malkangiri	792.9
Mathili	188.1
Podia	202.3
Total	2856.8

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)
KVK, Malkangiri	Ketriguda	2011	Korukonda	8kms	983	122
KVK, Malkangiri	Siadimala	2010	Korukonda	5kms	2150	150
KVK, Malkangiri	MPV-1	2011	Malkangiri	3kms	1160	120
KVK, Malkangiri	Gareiguda	2011	Malkangiri	6 kms	684	145
KVK, Malkangiri	Kadabahal	2010	Malkangiri	5kms	500	62

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

KVK Name	THRUST AREA
KVK, Malkangiri	Integrated nutrient management in Cereals, pulses and oilseeds.
KVK, Malkangiri	Integrated Pest management in different crops
KVK, Malkangiri	Replacement of Local Variety.
KVK, Malkangiri	Backyard rearing of improved goat breed, poultry and duck
KVK, Malkangiri	Mushroom cultivation
KVK, Malkangiri	Promotion of Pisciculture.

KVK, Malkangiri	Integrated Diseases Management in different crops
KVK, Malkangiri	Sustainable Agriculture.
KVK, Malkangiri	Natural Resource Management.
KVK, Malkangiri	Yield enhancement in different crops
KVK, Malkangiri	Value addition
KVK, Malkangiri	Diversification of agriculture
KVK, Malkangiri	Promotion of vermicomposting
KVK, Malkangiri	Development of integrated farming system

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

KVK Name	Problem identified	Methods of problem identification
KVK, Malkangiri	Low yield due to imbalance nutrient management	Through PRA tools and Discussion with the group of farmer, farm women and rural youth
KVK, Malkangiri	Lack of knowledge in integrated disease and pest management in different crops	Discussion with the group of farmer, farm women and rural youth
KVK, Malkangiri	Low yield due to cultivation of local varieties	Through PRA tools, focus group discussions
KVK, Malkangiri	Low production from fishery and livestock enterprises	Through PRA tools, focus group discussions with farmers, farmwomen & line department officials
KVK, Malkangiri	Drudgery to Farm Woman	Regular meetings with the farm women
KVK, Malkangiri	Unemployed rural youth	Through PRA tools and Discussion with the group of farmer, farm women and rural youth
KVK, Malkangiri	Post harvest loss of fruits and vegetable	Through PRA tools and Discussion with the group of farmer
KVK, Malkangiri	Low income due to rice monocropping and drought condition	Through PRA tools and Discussion with the group of farmer
KVK, Malkangiri	Low yield due to reduction of Soil fertility	Through PRA tools and Discussion with the group of farmer

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)		Recommend ations	
									Farmer practice T1	Rec. Tech T2	T1	T2		
KVK, Malkangiri	Kharif	Low yield due to use of local variety	Assessment	Varietal evaluation	Crop	Irrigated Medium Land	Assessment of high yielding variety “Nabeen”	05	Tillrs/hill-7 36.4 qtl/ha	Tillrs/hill-10 42.7 qtl/ha	17,312	24,116	Can be Converted to FLD	
KVK, Malkangiri	Kharif	Low yield due to improper nutrient managem ent	Assessment	INM	Crop	Irrigated Medium Land	Assessment of INM In Rice	5	Yield-36qtl/ha No. of Panicles/Sqr. mtr-178.5 No .of grains/Panicle- 93.2	Yield-43 qtl/ha No. of Panicles/Sqr.m tr-248.5 No .of grains/Panicle- 107.4	16,800	22,440	Can be Converted to FLD	
KVK, Malkangiri	Kharif	Low yield due to Mono cropping	Assessment	ICM	Crop	Rainfed medium land	Assessment of Intercropping o Maize & Cow pea	5	36.8 qtl/ha Cobs/plant: 1.57	Maize 18.6 qtl/ha. Cowpea 30.4 qtl/ha. Cobs/ plant: 1.63 Pods/plant: 33	14,500	33,580	Can be Converted to FLD	
KVK, Malkangiri	Rabi	Low yield due to use of local variety	Assessment	Varietal evaluation	Crop	Irrigated Medium Land	Assessment of high yielding variety “Devi”	5	19.8 qtl/ha No. pods/plant: 19.6	24.4 qtl/ha No. pods/plant: 24.7	33,400	45,500	Can be Converted to FLD	
KVK, Malkangiri	Rabi	Low Marketab ility due to High Infestatio n of Fruit flies	Assessment	IPM	Fruit	Rainfed upland	Assessment o fruit flies management in mango through male annihilation technique.	10	Continuing					
KVK, Malkangiri	Kharif	Low yield due to heavy	Assessment	IPM	Crop	Irigated medium land	Assessment of management of leaf folder in	10	Yield -37.3 qtl/ha	Yield -44.6 qtl/ha	18,284	24,668		

		infestation of leaf folder .					Paddy		No. of freshly damaged leaves/ hill -4.3 No. of larvae /tiller -1.2	No. of freshly damaged leaves/ hill -2.6 No. of larvae /tiller -0.7			
KVK, Malkangiri	Khariif	Low yield due to high infestation of Shoot & Fruit borer	Assessment	IPM	Crop	Irrigated medium land	Assessment of control of Shoot & Fruit Borer in Okra	10	86.8 qtls/ha % of infestation: 32.4	112 qtls/ha % of infestation: 14	59,100	85,400	
KVK, Malkangiri	Khariif	Low efficiency and high drudgery in	Assessment	Drudgery reduction	Crop	Irrigated medium land	Assessment of tubular maize sheller wheel	10	Labour required (w.mandays/ qt) 0.86 Heart rate: (bits/min)-92	Labour required (w.mandays/ qt) 0.52 Heart rate: (bits/min)-84			
KVK, Malkangiri	Rabi	Non availability of paddy straw due to facing by draught animals of paddy/ bullocks/ tractor	Assessment	Mushroom cultivation	Oyster	-	Assesment of crumble straw for oyster mushroom	5	-	2.2 qtl/ 100 beds Per bed: 2.2 kg First plucking: 1.2 kg Second plucking: 600 gm. Third plucking: 400 gm.	-	11,900	
KVK, Malkangiri	Rabi		Assessment	Floriculture	Mariegold	Irrigated medium land	Assesment of Seracole variety of mariegold	10	-	130 qtls/ ha. No. of flowers/ plant : 40	-	1,35,000	

	through male annihilation technique.															
KVK, Malkangiri	Assessment of management of leaf folder in Paddy	Yield No. of freshly damaged leaves/hill - No.of larvae /tiller	37.3 4.3 1.2	44.6 2.6 0.7	22000	23500		40284	48168		18,284	24,668		1.83	2.04	
KVK, Malkangiri	Assessment of control of Shoot & Fruit Borer in Okra	Yield –Qtl/ha. % fruit infestation	112 4.7	87.2 17.8	48000	50000		104640	134400		56,640	84,400		2.18	2.68	
KVK, Malkangiri	Assessment of tabular maize sheller”	Maize shelling Kg per hour Labour required (w.mandays/qt Heart rate: (bits/min)-	3.0 0.52 84	1.75 0.86 92												
KVK, Malkangiri	Assesment of crumble straw for oyster mushroom	Kg per bed BC ratio	2.2 4.4			3500/100beds			15400		-	11,900		-	4.4	
KVK, Malkangiri	Assesment of Seracole variety of mariegold	yield – Qtl/ha. Numbers of flowers per plant No.of branches per plant Economic(BC Ratio)	110 43 22 3.01			51000			154000		-	101000		-	3.01	

2.2 Economic Performance

2.3 Feedback from KVK to Research System

Name of KVK	Feedback
KVK, Malkangiri	

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 village s	No. of farmers	Area in ha
KVK, Malkangiri	Paddy	ICM	SRI method of Rice cultivation	Exposure visit, FLD, film/CD shows, training, field days	10	23	35
KVK, Malkangiri	Cowpea	Varietal Evaluation	Cultivation of High yielding Variety of Cowpea (Utkala Manika)	Exposure visit, FLD, film/CD shows, training, field days	8	43	24
KVK, Malkangiri	Paddy	IPM	Nursery treatment with Carbofuran 3 G @ 30 kg / ha, clipping of leaf tips, use of Pheromone trap @ 20 nos / ha, spraying of neem oil @ 2.5 ltrs / ha at 15 days interval at 30 DAP (thrice) & need based alternate spraying of Chloropyriphos @ 1 ltr / ha/ Thiomethoxam @ 100 gm / ha	Exposure visit, FLD, film/CD shows, training, field days	7	34	29
KVK, Malkangiri	Cabbage	IPM	Growing of Mustard as trap crop with Cabbage in (2:16) rows, use of pheromone trap, alternate spraying of Fipronil 5SC @ 800 ml/ha. with BT @ 1 ltr./Ha. at 30 and 45 DAT.	Exposure visit, FLD, film/CD shows, training, field days	5	38	15
KVK, Malkangiri	Enterprise	Small scale income generating enterprise	Cultivation of Indian major carps (multiple stocking of Yearlings)	Expos Exposure visit, FLD, film/CD shows, training, field days	6	30	18

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/Entre prizes	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
KVK, Malkangiri	Varietal evaluation	Paddy	Kharif2011	Use of certified seed of variety "Pratikhya"	2.0	Pratiksha	46.5	40	16.25	1	4			5
KVK, Malkangiri	ICM	Paddy (SRI)	Kharif 2011	SRI method of Rice cultivation	1.0	MTU-1001	57	39	46	3	2			5
KVK, Malkangiri	Varietal evaluation	Sesamum	Rabi 2011	Use of HYV "Prachi"	2	Prachi	6.05	4.1	47	2	2		1	5
KVK, Malkangiri	INM	INM in Maize	Rabi 2011	N:P2O5:K2O= 170:80:80Kg/ha, ZnSO4= 25 Kg/ha	2	CP18 18	38.5	31.4	22.54	3	2			5
KVK, Malkangiri	IFS	IFS	Rabi-2011	Vegetable seedlings, ducklings, poultry chicks, fingerlings	1	Continuing								
KVK, Malkangiri	Integrated Crop Management	Green gram	Rabi	Cultivation of High yielding Variety of Greengram, Seed treatment with Rhizobium @20gm/ kg. of seed, N:P:K @ 20:40:40, Spraying of Endosulphan followed by Thiomethoxam	5	TAR M 1	7.2	4.8	51.6	1	5	4		10

KVK, Malkangiri	Integrated Crop Management	Groundnut	Rabi	Cultivation of High yielding Variety of Groundnut, Seed treatment with Rhizobium, soil application of PSB, N:P:K @ 20:40:40, spraying of Boron, Propanophos, Ridomil MZ-72.	5.0	SMR UTI	25.5	19.21	32.7	7	3			10
	Integrated Crop Management (TSP)	Groundnut	Rabi	Cultivation of High yielding Variety of Groundnut, Seed treatment with Rhizobium, soil application of PSB, N:P:K @ 20:40:40, spraying of Boron, Curacron@40 0ml/acre, SAAF@400g/ acre.	4.0	TG 37 A	25.88	19.39	33.5		10			10

KVK, Malkangiri	IPM	Paddy	Kharif 2011	Clean cultivation, use of potash alternate drying and wetting, making alleys of 0.3 mtr between rows at 2 mtr interval and alternate spraying of Thiomethoxam 25 wg @ 100 gm/ha. and Acetameprid @ 150 gm/ha	2.0	MTU-1001	43.9	33.2	33.2	2	3			5
KVK, Malkangiri	IPM	Chilli	Rabi-2011-12	Alternate spraying of Thiomethoxam 25WG@100gm/ha. and Acetameprid @150gm/ha	0.4	Utkal a Rash mi	96	69	39	2	3			5
KVK, Malkangiri	IDM	Okra	Rabi-2011-12	Soil application of, Carbofuran 3 G @ 30 kg / ha, alternate spraying of Thiomethoxam 25 WG @ 100 gms / ha and Dimethoate 35 EC @ 1 ltr / ha and use of yellow sticky trap may enhance the yield.	1.0	Sarita	126	98	28.57	5	5			10

KVK, Malkangiri	IPM	Cabbage	Rabi 2011-12	Growing of Mustard as trap crop with cabbage in (2:16) rows, Use of pheromone trap, Alternate spraying of Fipronil 5SC@ 800 ml / ha with BT (<i>Bacillus thuringiensis</i>) @ 1 ltr / ha at 30 and 45 Days after transplanting.	0.4	Green expres s	354	232	32.58	5	5			10
	ICM	Okra	Rabi-2011-12	Spacing : 60 X 30, N:P:K-80:40:40, application NAA @ 5 ml./15lt. water thrice after fruit set.	1.0	Sarita	124	96	29.16	2	2		1	5
	Varietal evaluation	Brinjal	Rabi-2011-12	Spacing : 60 X 60, N:P:K-120:60:60	1.0	Blue star	224	180	24.44	2	2		1	5
	Varietal evaluation	Pointed gourd	Rabi-2011-12	Light green fruit with blunt end, 58 cm long, thin skinned, Avg. yield=230 q/ha	1.0	Swarn Aloukik	350	270	29.62	3	1		1	5
KVK, Malkangiri	Evaluation of breeds	Poultry	Pre-Rabi-2011	Rearing of improved breed of poultry (Banaraj)	10	Banaraj	M 3.5kg/6month/ F 2.8kg/6month	M 1.05kg/6month F 750g/6month	Male wt:233.33 Female wt: 273.33	5	4	1		10

KVK, Malkangiri	Small scale income generating activities	Piscicultur e	Khariff- 2011	Release of 3000 yearling/ ha.	0.4	IMC	29.38	14.78	98.78	3	2			5
KVK, Malkangiri	Integrated duck and fish farming	Duckery	2011-12 kharif	Rearing of improve duck breed	10	Khaki cambe 1	Body wt: 2.2 kg Eggs laid/ Year: 220	Body wt : 1.8 kg Eggs laid/ Year: 72	22.2 205.55	2	3			5
KVK, Malkangiri	Mushroom cultivation	Paddy	2011-12 Rabi	Growing of mushroom in bed using spawn atrw and wheatfloor	10	Paddy straw mushr oom “volv ariella volva cea”	150 kg/ 100 beds	-	100	9			1	10
KVK, Malkangiri	Nutritional garden	Vegetables	2011-12 Rabi	Solanicious vegetables like tomato brinjal chili papaya drumstick,. Leave vegetable like pallack emranthus green coriandal leaves	130 papaya 130drumstic k 2250chili 2250brinjal 2250tomato seedlings	Hone y due Pkm1 Green star Utkal abha. Bt10	Continuin g			6	4			10

KVK, Malkangiri	Green gram	Cultivation of High yielding Variety of Greengram TARM-1 Seed treatment with Rhizobium @20gm/kg. of seed, N:P:K @ 20:40:40, Spraying of Endosulphan followed by Thiomethoxam	Yield No. of pods / plant	7.2qtl 68 nos.	4.8qtl 42 nos.	14,500	13,000	36,000	24,000	21,500	11,000	2.48	1.8
KVK, Malkangiri	Groundnut	Cultivation of High yielding Variety of Groundnut, Seed treatment with Rhizobium, soil application of PSB, N:P:K @ 20:40:40, spraying of Boron, Propenophos, Ridomil MZ-72.	Yield (qtl/ha) No. of pods / plant No. of branches/plant	25.5 25.8 5.2	19.21 19.5 3.9	29,500	27,000	76,500	57,630	47,000	30,630	2.59	2.13
KVK, Malkangiri	Groundnut (TSP)	Cultivation of High yielding Variety of Groundnut, Seed treatment with Rhizobium, soil application of PSB, N:P:K @ 20:40:40, spraying of Boron, Curacron@400ml/acre, SAAF@400g/acre.	Yield No. of pods / plant No. of branches/plant	25.88 26.1 5.4	19.39 19.4 4.1	29,500	27,000	77,640	58,170	48,140	31,170	2.63	2.15
KVK, Malkangiri	Paddy	Clean cultivation, use of potash alternate drying and wetting, making alleys of 0.3 mtr between rows at 2 mtr interval and alternate spraying of Thiomethoxam 25 wg @ 100 gm/ha. and Acetameprid @ 150 gm/ha	Yield- No. of hoppers/plant	43.9 14	33.2 6	23000	22000		35856		13,856		1.63
								47412		24,412		2.06	

KVK, Malkangiri	Brinjal	Spacing : 60 X 60, N:P:K- 120:60:60	No. of fruits/ plant yield	14 180	20 224	45,000	42,000	1,34,400	1,08,000	89,000	66,000	2.98	2.57
KVK, Malkangiri	Pointe d gourd	Light green fruit with blunt end, 58 cm long, thin skinned, Avg. yield=230 q/ha	Fruit weight yield	22 350	18 270	1,44,000	1,44,000	3,50,000	2,70,000	2,06,000	1,26,000	2.43	1.87
KVK, Malkangiri	Poultry	Rearing of improved breed of poultry (Banaraj)	No. of eggs laid/2months: Weight of the eggs:	30	12	Continuin g...							
KVK, Malkangiri	Pisci Cultur e	Releasing of 3000 No. yearling/hector in backyard pond	Body wt., Yield (qtl)	850 gm./6 months 29.38	600 gm./yr 14.78	41,960	28,460	2,05,660	1,03,460	1,63,700	75,500	4.9	3.63
KVK, Malkangiri	Duck	Rearing improved duck (Khaki Cambel) in backyard	Body wt. No. of egg /year	2.2 kg 220	1.8 kg 72	2,500 for 10 ducks	920 / 10 ducks	9,970	2,592	7,470	1,672	3.98	2.81
KVK, Malkangiri	Mushr oom	Paddy mushroom Spawn bottle ,polythene sheet , wheat floor	Kg/bed Economy	105 kg/ 100 beds	-	4,000/ 100 beds	-	15,000	-	11,000	-	3.75	-
KVK, Malkangiri	Nutriti onal garden	Vegetable seedling	Yield and BC ratio							56,000	-	3.23	-

3.4 Feedback of the Farmers

Name of KVK	Feedback
KVK, Malkangiri	

3.5 Training and Extension activities under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
KVK, Malkangiri	Poultry (Bana Raja)	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
KVK, Malkangiri	Pisciculture	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
KVK, Malkangiri	Duckery	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
KVK, Malkangiri	Mushroom	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
KVK, Malkangiri	Nutritional garden	Field days	1	50	
		Farmers Training	2	50	
		Media coverage			
		Training for extension functionaries			
KVK, Malkangiri	Paddy	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
KVK, Malkangiri	Groundnut	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
KVK, Malkangiri	Paddy (SRI)	Field days	1	50	
		Farmers Training	1	25	

		Media coverage			
		Training for extension functionaries			
KVK, Malkangiri	Sesamum	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
KVK, Malkangiri	INM	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
KVK, Malkangiri	IFS	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
KVK, Malkangiri	Green gram	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
KVK, Malkangiri	Groundnut (TSP)	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
KVK, Malkangiri	Paddy	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
KVK, Malkangiri	Chilli	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
KVK, Malkangiri	Okra	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
KVK, Malkangiri	Cabbage	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
KVK, Malkangiri	Okra	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			

KVK, Malkangiri	Brinjal	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
KVK, Malkangiri	Pointed gourd	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		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
KVK, Malkangiri	Farmer and Farm women	Interview, questionnaire, schedules, bench mark studies, Focus group discussions	Tamasa, Siadimala, Sindrimala, Ketriguda, Chalan guda In different dates	225
KVK, Malkangiri	Rural youth	Interview, questionnaire, schedules, interaction, observation	KVK, Campus, adopted villages In different dates	87
KVK, Malkangiri	In- service	Interview, questionnaire, schedules, interaction, consultation with line department officials, Gap analysis	KVK, Campus, DDA office, CDVO Office, Horticulture office In different dates	25

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		
KVK, Malkangiri	FW	OFC	HOF	Propagation techniques of Mango	1	1					18	7		
KVK, Malkangiri	FW	ONC	HOV	Off Season vegetable cultivation (Cabbage & tomato)	1	2					18	7		
KVK, Malkangiri	FW	ONC	HOV	Off Season vegetable cultivation (Cauliflower & Radish)	1	2			19	6				
KVK, Malkangiri	RY	ONC	HOF	Planting material production (Mango)	1	2			5		10			
KVK, Malkangiri	RY	ONC	HOF	Planting material production (Cashew)	1	2			6		9			
KVK,	RY	ONC	HOV	Nursery management of Horticultural crops (Kharif	1	2			10		5			

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		
Malkangiri				vegetable seedlings)										
KVK, Malkangiri	FW	OFC	HOV	Nursery raising of Solanaceous crops	1	1					19	6		
KVK, Malkangiri	FW	ONC	HOV	Nursery management of Cole crops in protected condition	1	2			14	1	10			
KVK, Malkangiri	FW	ONC	HOV	Nursery raising of Solanaceous crops	1	2					13	12		
KVK, Malkangiri	IS	ONC	HOV	Cultivation of off season vegetables	1	2					8	1	1	
KVK, Malkangiri	IS	ONC	EXP	Gender sensitization in development sectors	1	2					3		7	
KVK, Malkangiri	IS	ONC	EXP	Development of block level SREP	1	2	5		1		4			
KVK, Malkangiri	RY	ONC	EXP	Fry & fingerling production	1	3			7		8			
KVK, Malkangiri	RY	ONC	EXP	Goat & Sheep rearing	1	3			8		7			
KVK, Malkangiri	RY	ONC	EXP	Poultry farming	1	3			9		6			
KVK, Malkangiri	RY	ONC	EXP	Quail farming	1	2					10	5		
KVK, Malkangiri	IS	ONC	EXP	Project monitoring and evaluation	1	2			4		3		3	
KVK, Malkangiri	RY	ONC	EXP	Para vet training	2	10			18		12			
KVK, Malkangiri	RY	ONC	EXP	Dairying	2	6			19		11			
KVK, Malkangiri	IS	ONC	EXP	Extension Methods for effective Transfer of Technology	1	2			4		1		5	
KVK, Malkangiri	FW	OFC	CRP	Soil conservation technology in upland	1	1			12	13				
KVK, Malkangiri	FW	OFC	CRP	Maize and cowpea intercropping	1	1			13	12				
KVK, Malkangiri	FW	ONC	CRP	SRI method of Rice Cultivation	1	2			13		12			
KVK, Malkangiri	FW	OFC	CRP	Green manuring in Rice	1	1					13	12		
KVK, Malkangiri	FW	ONC	CRP	INM in low land Rice	1	2			13		12			

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		
Malkangiri														
KVK, Malkangiri	FW	ONC	CRP	Improved cultivation practice of Rice in medium land	1	2			10		15			
KVK, Malkangiri	FW	OFC	CRP	Improved cultivation practice of sesamum	1	1			6		14			
KVK, Malkangiri	FW	OFC	CRP	INM in Hybrid Maize	1	1			15	10				
KVK, Malkangiri	FW	ONC	CRP	Integrated Rice –fish Farming System	1	2			7	7	6	4		
KVK, Malkangiri	FW	ONC	CRP	Integrated Farming System	1	1			8	7	3	4	2	1
KVK, Malkangiri	IS	ONC	CRP	Integrated Farming System	1	2	6	1	3	2	1	1		
KVK, Malkangiri	RY	ONC	CRP	Seed Production in Ground nut	1	3			7		8			
KVK, Malkangiri	FW	ONC	CRP	INM in Hybrid maize	1	2			10	5	5	5		
KVK, Malkangiri	FW	ONC	CRP	Improved cultivation practice of Ground nut	1	2			12	2	10	1		
KVK, Malkangiri	FW	OFC	CRP	Chemical control of weed in Ground nut	1	1					16	14		
KVK, Malkangiri	IS	ONC	CRP	Handicapped ecology	1	2		3	2	1		1	3	
KVK, Malkangiri	RY	ONC	CRP	Fodder production for Diary Farming	1	3	2		5		5		3	
KVK, Malkangiri	FW	ONC	CRP	Nursery bed management of Rice	1	2			5	5	10	5		
KVK, Malkangiri	RY	ONC	CRP	IFS	1	3			10		5			
KVK, Malkangiri	FW	OFC	CRP	Management of acid soil in up land	1	1					15	10		
KVK, Malkangiri	FW	ONC	CRP	Improved cultivation practices of Greengram	1	2			9		16			
KVK, Malkangiri	FW	ONC	CRP	Improved cultivation practices of Groundnut	2	4			27	7	12	4		
KVK, Malkangiri	FW	OFC	PLP	Integrated management of okra shoot and fruit borer	1	1			25					
KVK, Malkangiri	FW	ONC	PLP	Use of Neem based pesticide in rice Okra and Brinjal	1	2			14	11				

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		
KVK, Malkangiri	FW	OFC	WOE	Storage loss minimization technique in pulses	1	1	-	-	-	-	7	18	-	-
KVK, Malkangiri	FW	ONC	WOE	Preservation and preparation of surplus vegetables like tomato and chilli	1	2	-	-	-	9	-	16	-	-
KVK, Malkangiri	FW	OFC	WOE	Designing and development of lowest diet for children	1	2	-	-	-	-	5	20	-	-
KVK, Malkangiri	FW	OFC	WOE	Preparation of mixed chuttua from locally available millets and pulses	1	1	-	-	5	20			-	-
KVK, Malkangiri	FW	ONC	WOE	Cultivation of improved Pisciculture	1	1	-	-	3	10		12	-	-
KVK, Malkangiri	IS	ONC	WOE	Care of lactating mother and infants	1	2		1		7	-	2	-	-
KVK, Malkangiri	FW	ONC	WOE	Nutrition Garden in Backyard	1	2	-	-	10	15	-		-	-
KVK, Malkangiri	FW	OFC	WOE	Rearing of Banaraja in back yard.	1	2	-	-	-	7	10	8	-	-
KVK, Malkangiri	FW	ONC	WOE	Rearing of Duck in back yard	1	2	-	-	2	8	6	9	-	-
KVK, Malkangiri	FM	ONC	WOE	Preparation of squash and jam	1	2	-	-	4	5	11	5	-	-
KVK, Malkangiri	FW	OFC	WOE	Paddy straw mushroom cultivation	1	1	-	-	8	16	1	-	-	-
KVK, Malkangiri	RY	ONC	WOE	Mushroom production by using crumble straw	1	3	-	-	4	2	1	4	4	-
KVK, Malkangiri	FW	OFC	WOE	Drudgery reduction implements & their use in different crops for farm woman	1	1	-	-	-	-	12	13	-	-
KVK, Malkangiri	FW	OFC	WOE	Preparation of dehydrate product by using from locally available serials	1	1	-	-	-	-	-	25	-	-
KVK, Malkangiri	FW	ONC	WOE	Preparation of valu added product by using oil seal	1	2	-	-	-	-	-	25	-	-
KVK, Malkangiri	FW	IS	WOE	Preparation of calory reach diet from serals & milads for pregnant women and children to prevent malnutrition	1	2	-	-	-	9	-	2	-	-
KVK, Malkangiri	FW	OFC	WOE	Development of nutritional garden in backyard to prevent mall nutrition	1	1	-	-	-	-	16	9	-	-
KVK,	RY	ONC	WOE	Preparation of value added product from oister mushroom	1	3	-	-	-	-	-	15	-	-

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		
Malkangiri														
KVK, Malkangiri	FW	ONC	WOE	Preparation of dehydrate product by using black gram & green gram	1	2	-	-	-	15	-	10	-	-
KVK, Malkangiri	FW	OFC	WOE	Care of pregnant women and infant during summer	1	-	-	-	-	25	-	-	-	-
KVK, Malkangiri														

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	
KVK, Malkangiri	Vermiculture	Enterprise	Promotion of vermin composting	2	9		6				
KVK, Malkangiri	Bee Keeping	Enterprise	Diversification of agriculture								
KVK, Malkangiri	Fry & fingerling production	Enterprise	Promotion of Pisciculture	3	7		8				
KVK, Malkangiri	Goat & Sheep rearing	Enterprise	Diversification of agriculture	3	8		7				
KVK, Malkangiri	Poultry farming	Enterprise	Diversification of agriculture	3	9		6				
KVK, Malkangiri	Quail farming	Enterprise	Diversification of agriculture	2			10	5			
KVK, Malkangiri	Para vet training	Enterprise	Diversification of agriculture	10							
KVK, Malkangiri	Dairying	Enterprise	Diversification of agriculture	6							
KVK, Malkangiri	Planting material production (Mango)	Crop	Sustainable agriculture	2	5		10				
KVK, Malkangiri	Planting material production (Cashew)	Crop	Sustainable agriculture	2	6		9				
KVK, Malkangiri	Nursery management of Horticultural crops (Kharif vegetable seedlings)	Crop	Sustainable agriculture	2	10		5				

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	
KVK, Malkangiri	Propagation techniques of Mango	25	3	7					10nos. 62%
KVK, Malkangiri	Off Season vegetable cultivation (Cabbage & tomato)	25	4	8					18nos. 78%
KVK, Malkangiri	Off Season vegetable cultivation (Cauliflower & Radish)	25	3	8					20nos. 69%
KVK, Malkangiri	Planting material production (Mango)	15	2	7					2nos. 67%
KVK, Malkangiri	Planting material production (Cashew)	15	3	8					12 57%
KVK, Malkangiri	Nursery management of Horticultural crops (Kharif vegetable seedlings)	15	3	6					16 56%
KVK, Malkangiri	Nursery raising of Solanaceous crops	25	3	7					12 66%
KVK, Malkangiri	Nursery management of Cole crops in protected condition	25	2	7					16 85%
KVK, Malkangiri	Nursery raising of Solanaceous crops	25	3	8					26 66%
KVK, Malkangiri	Cultivation of off season vegetables	10	4	9					16 57%
KVK, Malkangiri	Gender sensitization in development sectors	10	3	8					8nos. 34%
KVK, Malkangiri	Development of block level SREP	10	5	8					15nos. 56%
KVK, Malkangiri	Fry & fingerling production	15	6	10					19 67%
KVK, Malkangiri	Goat & Sheep rearing	15	4	9					15 76%
KVK, Malkangiri	Poultry farming	15	3	8					19 67%
KVK, Malkangiri	Quail farming	15	4	9					12 68%

KVK, Malkangiri	Project monitoring and evaluation	10	5	9				16 56%
KVK, Malkangiri	Para vet training	30	2	8				12 65%
KVK, Malkangiri	Dairying	30	4	8				10 46%
KVK, Malkangiri	Extension Methods for effective Transfer of Technology	10	3	8				18 59%
KVK, Malkangiri	Soil conservation technology in upland	25	3	8				6 78%
KVK, Malkangiri	Maize and cowpea intercropping	25	4	8				2 56%
KVK, Malkangiri	SRI method of Rice Cultivation	25	2	9				6 56%
KVK, Malkangiri	Green manuring in Rice	25	4	9				23 56%
KVK, Malkangiri	INM in low land Rice	25	3	8				29 69%
KVK, Malkangiri	Improved cultivation practice of Rice in medium land	25	3	9				17 56%
KVK, Malkangiri	Improved cultivation practice of sesame	25	5	10				18 60%
KVK, Malkangiri	INM in Hybrid Maize	25	2	8				13 68%
KVK, Malkangiri	Integrated Rice –fish Farming System	25	3	9				14 78%
KVK, Malkangiri	Integrated Farming System	25	2	7				12 65%
KVK, Malkangiri	Integrated Farming System	10	2	6				13 60%
KVK, Malkangiri	Seed Production in Ground nut	15	1	7				3 40%
KVK, Malkangiri	INM in Hybrid maize	25	4	10				24 78%
KVK, Malkangiri	Improved cultivation practice of Ground nut	25	3	8				21 66%
KVK, Malkangiri	Chemical control of weed in Ground nut	25	2	6				17 56%
KVK, Malkangiri	Handicapped ecology	10	1	7				10 58%
KVK, Malkangiri	Fodder production for Diary Farming	15	2	6				7 55%

KVK, Malkangiri	Nursery bed management of Rice	25	3	7					24 80%
KVK, Malkangiri	IFS	15	5	8					24 80%
KVK, Malkangiri	Management of acid soil in up land	25	2	6					13 56%
KVK, Malkangiri	Improved cultivation practices of Greengram	25	3	8					14 66%
KVK, Malkangiri	Improved cultivation practices of Groundnut	50	2	8					18 76%
KVK, Malkangiri	Integrated management of okra shoot and fruit borer	25	3	8					5 86%
KVK, Malkangiri	Use of Neem based pesticide in rice Okra and Brinjal	25	2	8					4 56%
KVK, Malkangiri	Integrated fruit fly management in pointed gourd	25	2	9					8 65%
KVK, Malkangiri	Preparation and use of botanical spray fluids(Neem,Karanja) in vegetables	25	4	7					34 76%
KVK, Malkangiri	Integrated management of leaf folder and case worm in rice	26	2	8					19 65%
KVK, Malkangiri	Integrated management of Gall midge in paddy	25	2	6					34 75%
KVK, Malkangiri	Vermiculture	15	3	6					4 65%
KVK, Malkangiri	Integrated management of Maize Borer	25	2	5					12 64%
KVK, Malkangiri	Integrated management of sheath blight and blast disease in paddy	25	3	7					25 87%
KVK, Malkangiri	Integrated management of pest and disease in paddy	10	3	8					22 88%
KVK, Malkangiri	Integrated Management of maize borer	25	2	7					23 86%
KVK, Malkangiri	Integrated management of BPH & WBPH in Paddy	25	3	8					22 87%

KVK, Malkangiri	Integrated management of Diamond back moth & head borer in Cabbage	25	2	7					23 89%
KVK, Malkangiri	Integrated management of Brinjal shoot & fruit borer	25	4	9					33 92%
KVK, Malkangiri	Integrated watershed management	16	4	9					45 94%
KVK, Malkangiri	Integrated management of fungal bacterial & nematode wilt in Tomato	25	2	7					22 78%
KVK, Malkangiri	Bee Keeping	15	3	8					24 88%
KVK, Malkangiri	Integrated management of Downy Mildew in Green gram	25	2	7					21 67%
KVK, Malkangiri	Integrate management of Cercospora leaf spot & Tikka disease in Groundnut	25	2	6					24 78%
KVK, Malkangiri	Integrated YMV management in Okra	25	1	5					21 87%
KVK, Malkangiri	Storage loss minimization technique in pulses	25	2	4					18 76%
KVK, Malkangiri	Preservation and preparation of surplus vegetables like tomato and chilli	25	2	6					56%
KVK, Malkangiri	Designing and development of lowest diet for children	25	3	7					20 76%
KVK, Malkangiri	Preparation of mixed chattua from locally available millets and pulses	25	5	8					20 88%
KVK, Malkangiri	Cultivation of improved Pisciculture	25	3	9					
KVK, Malkangiri	Care of lactating mother and infants	10	4	7					5 75%
KVK, Malkangiri	Nutrition Garden in Backyard	25	3	8					10 67%
KVK, Malkangiri	Rearing of Banaraja in back yard.	25	3	7					12 65%
KVK, Malkangiri	Rearing of Duck in back yard	25	2	6					

KVK, Malkangiri	Preparation of squace and jam	25	3	8					10 56%
KVK, Malkangiri	Paddy straw mushroom cultivation	25	2	6					5 56%
KVK, Malkangiri	Mushroom production by using crumble straw	15	2	6					24 88%
KVK, Malkangiri	Drudgery reduction implements & their use in different crops for farm woman	25	3	8					21 67%
KVK, Malkangiri	Preparation of dehydrate product by using from locally available serials	25	2	6					24 78%
KVK, Malkangiri	Preparation of value added product by using oil seal	25	3	9					10 56%
KVK, Malkangiri	Preparation of calorie reach diet from cereals & millets for pregnant women and children to prevent malnutrition	10	4	7					5 56%
KVK, Malkangiri	Development of nutritional garden in backyard to prevent mall nutrition	25	3	8					24 88%
KVK, Malkangiri	Preparation of value added product from oyster mushroom	15	3	7					12 56%
KVK, Malkangiri	Preparation of dehydrate product by using black gram & green gram	25	2	6					15 59%
KVK, Malkangiri	Care of pregnant women and infant during summer	25	3	7					24 88%

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			
KVK, Malkangiri	Field Day	21	20	56	78	540	295	31		On the principle of seeing is believing	Prachi, Pratiksha, Naveen, IPM, ICM, Swarna aloukik, blue star, Green gram, Groundnut	Maturity, cob stage
KVK, Malkangiri	Kisan Mela	1	2	20	18	188	34	28		Popularization of proven technology		
KVK, Malkangiri	Kisan Ghosthi	2	2	18	4	57	15	6	-			
KVK, Malkangiri	Exhibition	2	2	46	24	188	49	43		Seeing is believing		
KVK, Malkangiri	Film Show	12	48	256	44	1890	289	21		Awareness		
KVK, Malkangiri	Method Demonstrations	2	7	14	18	92	18	5		Learning by doing		
KVK, Malkangiri	Farmers Seminar											
KVK, Malkangiri	Workshop											
KVK, Malkangiri	Group meetings	4	4	33	12	98	57			Identification and prioritization of problems		
KVK, Malkangiri	Lectures delivered as resource persons	-	8	45	21	123	61			Capacity building		
KVK, Malkangiri	Newspaper coverage	4	8							Popularization of new technologies and highlighting KVK activities		
KVK, Malkangiri	Radio talks	4	10							Information dissemination and		

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			
										highlighting KVK activities		
KVK, Malkangiri	TV talks	1	1							Information dissemination and highlighting KVK activities		
KVK, Malkangiri	Popular articles	1	1							Popularization of new technologies and highlighting KVK activities		
KVK, Malkangiri	Extension Literature	4	8							To disseminate new knowledge among the farming community		
KVK, Malkangiri	Farm advisory Services	4	19	87	-	27	-					
KVK, Malkangiri	Scientific visit to farmers field	96	129	27	7	239	11			To monitor FLDs/OFTs and training		
KVK, Malkangiri	Farmers visit to KVK	120	261	36	4	187	38			To get solutions for different farm issues		
KVK, Malkangiri	Diagnostic visits	8	18	42	8	187	6			To encounter disease and pest related issues		
KVK, Malkangiri	Exposure visits	2	1	1		5	1					
KVK, Malkangiri	Ex-trainees Sammelan	2	2	16	7	57	20			To follow up the impact of		

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			
										training		
KVK, Malkangiri	Soil health Camp											
KVK, Malkangiri	Animal Health Camp	4	4	2	-	167	31			Vaccination and health checkup of animals		
KVK, Malkangiri	Agri mobile clinic	2	1	-	-	49	12					
KVK, Malkangiri	Soil test campaigns											
KVK, Malkangiri	Farm Science Club conveners meet											
KVK, Malkangiri	Self Help Group conveners meetings											
KVK, Malkangiri	Mahila Mandals conveners meetings											
KVK, Malkangiri	Celebration of important days	2	2	12	15	72	101			Celebration of Akshaya Tritiya & Women in agriculture day		

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
KVK, Malkangiri		Quarterly		
KVK, Malkangiri	April-June	Quarterly	500	500
KVK, Malkangiri	July- September	Quarterly	500	500
KVK, Malkangiri	October-December	Quarterly	500	500
KVK, Malkangiri	January- March	Quarterly	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
KVK, Malkangiri		Unata padhati re Badam Chasa	Sunita dandasena	
KVK, Malkangiri		Dhana phasala re samanwita sara parichalana	Sunita dandasena	
KVK, Malkangiri		Jia khata prastuti ebam ehara upadeyata		
KVK, Malkangiri				
KVK, Malkangiri				
KVK, Malkangiri				
KVK, Malkangiri				

7.3 Details of Electronic Media Produced(No)

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

8.2 Planting Material production

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	
KVK, Malkangiri	Vegetables/ fruits seedlings	Papaya	Dec.2011 and feb.2012	2.1.2012 and 30 03 2012		Honey dew		1000	2000	3000	
KVK, Malkangiri		Drumstick				PKM-1		1000	2000	3000	
KVK, Malkangiri		Brinjal				Green star		5000	1300	2500	
KVK, Malkangiri		Chilli				Utkala Ava		5000	1300	2500	
KVK, Malkangiri		Tomato				BT-10		5000	1300	2500	

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

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

8.4 Livestock and fisheries production (NA)

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

9. Activities of Soil and Water Testing Laboratory (NA)

Status of establishment of Lab : YES/NO, If yes, then

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
KVK, Malkangiri					
KVK, Malkangiri					

10. Rainwater Harvesting(NA)

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/STParticipants		
					Male	Female	Total	Male	Female	Total
KVK, Malkangiri										
KVK, Malkangiri										
KVK, Malkangiri										

11. Utilization of Farmers Hostel facilities (Hostel is under construction)

Accommodation available (No. of beds) :

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)
KVK, Malkangiri							
KVK, Malkangiri							
KVK, Malkangiri							

12. Utilization of Staff Quarters facilities (Under construction)

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

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
KVK, Malkangiri	24-06-2011	25	
KVK, Malkangiri			
KVK, Malkangiri			

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

KVK Name	No. of messages sent	No. of beneficiary		Major recommendations
		Farmers	Ext. Pers.	
KVK, Malkangiri	28	Farmers	Ext. Pers.	Plant protection, animal husbandry, new schemes, agronomical practices, fishery etc.
KVK, Malkangiri		1005	56	
KVK, Malkangiri				

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

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

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.) 1-4-2011	Closing balance (Rs.) 31-03-2112	Current status (Rs.) 31-03-2112
KVK, Malkangiri	30768858587	35,190	74,774	74,774
KVK, Malkangiri				
KVK, Malkangiri				

17. Awards & Recognitions

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

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

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

19. Details of KVK Agro-technological Park (NA)

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

20. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks
KVK, Malkangiri			
KVK, Malkangiri			

21. Status of KVK Website: Available

22. E-CONNECTIVITY(NA)

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			
KVK, Malkangiri							
KVK, Malkangiri							

23. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS (NA)

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
KVK, Malkangiri	Gosthies (Farmer Scientist interaction)	1	50	
KVK, Malkangiri	Lectures organized (Awareness cum training on Soil health management)	1	25	

KVK, Malkangiri	Exhibition	1	100	
KVK, Malkangiri	Film show	4	245	
	Animal Health Camp	1	50	
KVK, Malkangiri	Fair			
KVK, Malkangiri	Farm Visit (Placard show)	1	65	
KVK, Malkangiri	Diagnostic Practical's			
KVK, Malkangiri	Distribution of Literature (No.)			
KVK, Malkangiri	Distribution of Seed (q)			
KVK, Malkangiri	Distribution of Planting materials (No.)	200	50	
KVK, Malkangiri	Bio Product distribution (Kg)			
KVK, Malkangiri	Bio Fertilizers (q)			
KVK, Malkangiri	Distribution of fingerlings (No)			
KVK, Malkangiri	Distribution of Livestock specimen (No.)			
KVK, Malkangiri	Total number of farmers visited the technology week		585	

24. INTERVENTIONS ON DROUGHT MITIGATION (NA)

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

Mane of KVK	Crops	Area (ha)	Number of beneficiaries
KVK, Malkangiri	Oilseeds		
KVK, Malkangiri	Pulses		
KVK, Malkangiri	Cereals		
KVK, Malkangiri	Vegetable crops		
KVK, Malkangiri	Tuber crops		
KVK, Malkangiri	Fruits		

KVK, Malkangiri	Spices		
KVK, Malkangiri	Cotton		
KVK, Malkangiri			
KVK, Malkangiri			
KVK, Malkangiri	Total		

Farmers-scientists interaction on livestock management

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

Animal health camps organised

Name of KVK	Number of camps	No.of animals	No.of farmers
KVK, Malkangiri	5	861	158
KVK, Malkangiri			
KVK, Malkangiri			

Seed distribution in drought hit states(No)

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

Seedlings and Saplings distributed

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

Bio-control Agents(NA)

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

(e) Bio-Fertilizer

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

(f) Verms Produced(Under construction)

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

(g) Large scale adoption of resource conservation technologies

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

(h) 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
KVK, Malkangiri												
KVK, Malkangiri												
KVK, Malkangiri												

25. **Status of KVK Website: Already having website/under construction**

If available, please provide the address of website:

<http://kvkmalkangirizpdvii.org/>

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) –





