

ANNUAL PROGRESS REPORT

April 2013 to March 2014

KVK, MALKANGIRI

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Instructions for Filling the Format

- 1. Do not change/modify/ delete any column of any of the table. However, additional rows can be created, if required.**
- 2. Do not merge columns, rows.**
- 3. Please repeat the name of KVK in each table in the column “Name of KVK”**
- 4. Do not fill the non-numerical values in numeric field**
- 5. Do not repeat the unit while reporting data as it is already mentioned in the heading row**
- 6. Strictly fill the data in desired unit only. If it is reported in other unit, convert it in the desired unit**
- 7. Please mention only standard English names of crops (Do not mention Urd, Arhar, Til, Kulthi, Moong, Bajra, etc.)**
- 8. Additional relevant information may be provided at the end of Format by creating heading “Additional Information”**
- 9. Also read the instructions mentioned just below the table**
- 10. Your suggestions for improvement in the format for your simplicity as well as data compilation may be given at the end of the format**
- 11. Do not press any Enter Key in any of the columns while making entry in the columns of the table. Use only arrow key /Tab key/ mouse pointer while movement from one column/row to another.**
- 12. Gray color cells in summary table need not to be filled.**
- 13. Crop name should be spelled correct and standard English name should be used i.e Cereals, Pulses, Oilseed:- Rice (not use Paddy), Wheat, Barley, Kodo, Kutki, Maize, Jwar, Bajra, Pigeon pea (not use Tur, Arhar, Red gram), Blackgram (not use Urd), Greengram (not use Moong/Moongbean), Chickpea (not use Horse gram, Gram, Chana), Field pea, Horse gram (Kulthi), Lentil, Mustard (not use Rai, Sarsoan), Soybean, Linseed, Groundnut, Sesame (not use Til), Niger (not use Ram Til), Safflower (not use Kusum).
Vegetable :- Vegetable pea, Bottle guard, Bitter guard, Okra (not use Bhindi or Ladies finger).
Fruits :- Mango, Guava, Custard apple, Pear etc.
Spices :- Black Peeper, Turmeric, Ginger, Cardamom etc.**

REPORTING PERIOD – April 2013 to March 2014

Summary of KVK Annual Report (Quantifiable Achievement) for the year 2013-14

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT			
	On Going OFT			
	Technologies assessed (Completed OFT)	3		39
	Technologies refined			
	On farm trials conducted			
2	Frontline demonstrations			
	Proposed Frontline demonstrations			
	On Going Frontline demonstrations			
	FLDs conducted on crops	6		135
	Area under crops (ha.)	37.6		
	FLD on farm implement and tools			
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	1		300
	FLD on Fisheries - Finger lings			
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)			
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)			
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	25	39	625
	Farm women			
	Rural youth	4	13	60
	Extension personnel/ In service			
	Vocational trainings			
	Sponsored Training			
	Total	29	52	685
		No. of programmes	Participants	
4	Extension Programmes	15		1957
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	31.4		64
	Planting material produced (nos.)			
6	Livestock	Qty	Beneficiaries (nos.)	
	Livestock strains (Nos)			
	Milk Yield - Cow, Buffelo etc. (in liter)			
	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.)		
	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)		
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)		
	KVK News letter		
	SAC Meetings conducted	1	22
	Soil sample tested		
	Water sample tested		
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)		
	KVK-KMA (Message and beneficiaries)	32	1035
	Convergence programmes		
	Sponsored programmes		
	KVK Progressive Farmers interaction	10	45
	No. of Technology Week Celebrations		
	Attended HRD activities organized by ZPD		
	Attended HRD activities organized by DES	1	2
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)		
9	Current status of Revolving Funds (Amt. in Rs.)		104174
10		No. of blocks	No. of villages
	Outreach of KVK in the District	5	34
11		ICAR	SAU Others
	No. of important visitors to KVK (nos.)		1
12		Working (Yes/No)	No. of Update
	Status of KVK Website	Yes	21
13		Application received	Application disposed
	Status of RTI (nos.)		
14		Query received	Query dissolved
	Citizen Charter (nos.)	10	10
15		Working (Yes/No)	No. of programme viewed
	E-connectivity		
16		Filled	Vacant
	Staff Position	8	8
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	5	
18	Publication received from ICAR /other organization (nos.)		
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, 2014

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Malkangiri	16	1	1	6	1	3	1	6	5	16	8

Name of KVK	Sanction post	Name of the incumbent	Discipline	Higist degree	Subject of specilization	Pay scale	Present pay	Date of joing	Per./Temp.	Category
Malkangiri	Programme Coordinator	Sri Hemanta Kumar Sahoo	Agronomy	MSc. (Ag)	Agronomy	15,600-39,100+AGP 7000	27,000	25.02.2014	Permanent	Others
Malkangiri	Subject Matter Specialist1	Sri Nigamananda Behera	Agronomty	MSc. (Ag)	Agronomy	15,600-39,100 + AGP 6,000	16250	10.02.2014	Permanent	SC
Malkangiri	Subject Matter Specialist2	Vacant								
Malkangiri	Subject Matter Specialist3	Vacant								
Malkangiri	Subject Matter Specialist4	Vacant								
Malkangiri	Subject Matter Specialist5	Vacant								
Malkangiri	Subject Matter Specialist6	Vacant								
Malkangiri	Programme Assistant	Vacant								
Malkangiri	Farm Manager	Vacant								
Malkangiri	Computer Programmer	Sri Dibyasingh Pradhan		PGDCA		9,300-34,800+AGP4200	9710	17.12.2012	Permanent	ST
Malkangiri	Accountant / superintendent	Vacant								
Malkangiri	Stenographer	Sri Birendra Majhi		BA		5,200-20,200+AGP 2400	5200	17.02.2014	Contractual	ST
Malkangiri	Driver	Sri Chandrasekhar Behera		HSC		5,200-20,200+AGP 1900	6600	01.08.2007	Permanent	SC
Malkangiri	Driver	Sri Ugreswar Pati				5,200-20,200+AGP	5200	14.02.2014	Contractual	Other

Name of KVK	Sanction post	Name of the incumbent	Discipline	Higist degree	Subject of specilization	Pay scale	Present pay	Date of joing	Per./Temp.	Category
						1900				
Malkangiri	Supporting staff	Sri Budhia Behera				4440-7440+AGP 1300	4990	30.07.2008	Permanent	OBC
Malkangiri	Supporting staff	Sri Bata Naik				4440-7440+AGP 1300	4990	01.08.2008	Permanent	SC

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
Malkangiri	South eastern Ghat	7	108	5,05,000	30.56	SC 23% ST 55%	1,22,907	1.15 ha

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	Rice (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

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 17° 49' and 18° 3' N latitude ; 81° 15' and 82° 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)	Red and red laterite soil with crop covers like rice,maize,mung with rain fall 1250mm
3	High rainfall, low elevation (>1250 mm, <400m)	Red soil with crop covers of rice,groundnut ,mung and ragi
4	Low rainfall, low elevation (<1000 mm, <400m)	Red and laterite soil ,low rain fall, crop coveres like rice ,til ,black gram etc.

1.2.4 Soil type

S. No	Soil type	Characteristics	Area in ha
1	Red sandy loam	Highly erodible, fertile,coveres major area	317.0

2	Red loam laterite	Undulated waste lands ,coveres orchard crops,ragi and some pulses and oil seeds	238.0
3	Black laterite	Waste lands	260.0

1.2.5 Rainfall data (Month/Block wise) Year 2012-13

Month	Malkangiri	K. konda	Mathili	Khairput	K. Gumma	Kalimela	Podia	Total	Average	Normal
April-12	0.00	0.00	0.00	72.00	0.00	0.00	0.00	72.00	10.29	34.80
May-12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.10
June-12	130.60	68.00	110.00	254.00	160.00	243.00	137.00	1102.60	157.51	212.20
July-12	535.90	494.00	566.00	690.00	559.00	399.00	492.00	3735.90	533.70	465.70
Aug.-12	615.10	621.00	617.00	497.50	581.50	412.00	417.00	3761.10	537.30	472.80
Sept-12	415.80	348.00	537.00	380.50	341.00	304.20	281.00	2607.50	372.50	281.20
Oct-12	108.90	44.00	66.00	11.00	23.50	89.00	50.00	392.40	56.06	109.50
Nov-12	78.90	29.00	12.00	6.50	39.00	109.60	47.00	322.00	46.00	23.60
Dec-12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00
Jan-13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00
Feb-13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00
March-13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00
Total	1885.20	1604.00	1908.00	1911.50	1704.00	1556.80	1424.00	11993.50	1713.36	1651.9

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	10kms	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 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	Location Name of Village & Block
KVK, Malkangiri	Low yield due to imbalance nutrient management	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Ketriguda and Siadimala of Korukunda Block MPV-1, Gareiguda and Kadabahal of Malkangiri Block
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	Ketriguda and Siadimala of Korukunda Block MPV-1, Gareiguda and Kadabahal of Malkangiri Block
KVK, Malkangiri	Low yield due to cultivation of local varieties	Through PRA tools, focus group discussions	Ketriguda and Siadimala of Korukunda Block MPV-1, Gareiguda and Kadabahal of Malkangiri Block
KVK, Malkangiri	Low production from fishery and livestock enterprises	Through PRA tools, focus group discussions with farmers, farmwomen & line department officials	Ketriguda and Siadimala of Korukunda Block MPV-1, Gareiguda and Kadabahal of Malkangiri Block
KVK, Malkangiri	Drudgery to Farm Woman	Regular meetings with the farm women	Ketriguda and Siadimala of Korukunda Block MPV-1, Gareiguda and Kadabahal of Malkangiri Block
KVK, Malkangiri	Unemployed rural youth	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Ketriguda and Siadimala of Korukunda Block MPV-1, Gareiguda and Kadabahal of Malkangiri Block
KVK, Malkangiri	Post harvest loss of fruits and vegetable	Through PRA tools and Discussion with the group of farmer	Ketriguda and Siadimala of Korukunda Block MPV-1, Gareiguda and Kadabahal of Malkangiri Block
KVK, Malkangiri	Low income due to rice monocropping and drought condition	Through PRA tools and Discussion with the group of farmer	Ketriguda and Siadimala of Korukunda Block MPV-1, Gareiguda and Kadabahal of Malkangiri Block
KVK, Malkangiri	Low yield due to reduction of Soil fertility	Through PRA tools and Discussion with the group of farmer	Ketriguda and Siadimala of Korukunda Block MPV-1, Gareiguda and Kadabahal of Malkangiri Block

2. On Farm Testing

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 used i.e Chick pea in place of gram/chana , Paddy in place of Rice/chawal , brinjal in place of egg plant/bhata/baigan etc.**

***Don't press enter key to navigate among column use arrow or tab key**

***don't add space before or after statement within the table cell**

2.1 Information about OFT

KVK name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	No. of trials	Results (q/ha)		Net Returns (Rs./ha)		Recommendations
										FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	
Malkangiri	2013	Kharif	Low yield due to improper nutrient management	Assessment of Integrated Nutrient Management in transplanted rice	Assessment	Integrated Nutrient Management	Rice	Medium land	13	43.8	59.4	20124	34855	INM with 120-60-60 kg NPK/ha along with soil application of zinc sulphate @ 25 kg/ha and Borax @ 10kg/ha should be practiced to increase the Rice productivity
Malkangiri	2013	Kharif	Low yield due to high incidence of stem borer in rice	Assessment of Indoxacarb for management of stem borer in rice	Assessment	Integrated Pest Management	Rice	Medium land	13	41.6	48.2	9,120	14,740	Application of indoxacarb @1 ml/ltr water twice successfully managed the stem borer infestation in rice
Malkangiri	2013-14	Rabi	Low yield of brinjal due to attack of fusarium wilting	Assessment of Integrated Disease Management for fusarium wilting in brinjal	Assessment	Integrated Disease Management	Brinjal	Irrigate up land	13	196.8	242.7	64,760	93,890	Integrated Disease Management practice following soil application Neem cake @ 250kg/ha along with spraying of cupper oxychloride@1 gm /ltr of water thrice at 10 days interval

														starting from flower initiation stage successfully managed the fusarium wilting in Brinjal

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)
Malkangiri	Assessment of Integrated Nutrient Management in transplanted rice	Yield, EBT/m ²	43.8, 259.2	59.4,208.4	23,676	24,545		43,800	59,400		20,124	34,855		1.85	2.42	
Malkangiri	Assessment of Indoxarbpr management of stem borer in rice	Dead heart(%), White ear head(%)	17.8, 6.7	3.7,2.1	40,800	43,100		49,920	57,840		9,120	14,740		1.22	1.34	

Malkangiri	Assessment of Integrated Disease Management for fusarium wilting in brinjal	Wilting (%)	21.3	3.9	73,000	76,000		1,37,760	1,69,890		64,760	93,890		1.89	2.23	

2.3 Information about Home Science OFT:

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

2.4 Economic Performance Home Science OFT:

KVK name	OFT Title	Performance Indicator / Parameter																					
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		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	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
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 villages	No. of farmers	Area in ha
Malkangiri	Rice	Varietal evaluation	Use of certified seed of variety “Pratikhya”	Exposure visit, FLD, film/CD shows, training, field days	10	84	60
Malkangiri	Rice (SRI)	ICM	SRI method of Rice cultivation	Exposure visit, FLD, film/CD shows, training, field days	12	105	104
Malkangiri	Sesamum	Varietal evaluation	Use of HYV “Prachi”	Exposure visit, FLD, film/CD shows, training, field days	5	37	19
Malkangiri	INM in Maize	INM	N:P2O5:K2O= 170:80:80Kg/ha, ZnSO4= 25 Kg/ha	Exposure visit, FLD, film/CD shows, training, field days	6	39	33
Malkangiri	IFS	IFS	Vegetable seedlings, ducklings, poultry chicks, fingerlings	Exposure visit, FLD, film/CD shows, training, field days	16	38	52
Malkangiri	Green gram	Integrated Crop Management	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	Exposure visit, FLD, film/CD shows, training, field days	8	52	60
Malkangiri	Groundnut	Integrated Crop Management	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.	Exposure visit, FLD, film/CD shows, training, field days	9	66	65
Malkangiri	Groundnut	Integrated Crop Management (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.	Exposure visit, FLD, film/CD shows, training, field days	4	35	40
Malkangiri	Rice	IPM	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 @	Exposure visit, FLD, film/CD shows, training, field days	6	52	70

			150 gm/ha				
Malkangiri	Chilli	IPM	Alternate spraying of Thiomethoxam 25WG @ 100gm/ha. and Acetameprid @ 150gm/ha	Exposure visit, FLD, film/CD shows, training, field days	7	33	36
Malkangiri	Rice	IDM	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.	Exposure visit, FLD, film/CD shows, training, field days	9	58	85
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 (<i>Bacillus thuringiensis</i>) @ 1 ltr / ha at 30 and 45 Days after transplanting.	Exposure visit, FLD, film/CD shows, training, field days	10	36	41
Malkangiri	Okra	ICM	Spacing : 60 X 30, N:P:K-80:40:40, application NAA @ 5 ml./15lt. water thrice after fruit set.	Exposure visit, FLD, film/CD shows, training, field days	5	35	34
Malkangiri	Brinjal	Varietal evaluation	Spacing : 60 X 60, N:P:K-120:60:60	Exposure visit, FLD, film/CD shows, training, field days	5	33	36
Malkangiri	Pointed gourd	Varietal evaluation	Light green fruit with blunt end, 58 cm long, thin skinned, Avg. yield=230 q/ha	Exposure visit, FLD, film/CD shows, training, field days	5	25	24
Malkangiri	Poultry	Evaluation of breeds	Rearing of improved breed of poultry (Banaraj)	Exposure visit, FLD, film/CD shows, training, field days	9	62	-
Malkangiri	Pisciculture	Small scale income generating activities	Release of 3000 yearling/ ha.	Exposure visit, FLD, film/CD shows, training, field days	5	15	20
Malkangiri	Duckery	Integrated duck and fish farming	Rearing of improve duck breed	Exposure visit, FLD, film/CD shows, training, field days	2	12	-
Malkangiri	Rice	Mushroom cultivation	Growing of mushroom in bed using spawn straw and wheat floor	Exposure visit, FLD, film/CD shows, training, field days	8	48	-
Malkangiri	Vegetables	Nutritional garden	Solanicious vegetables like tomato brinjal chili papaya drumstick,. Leave vegetable like pallack emranthus green coriandal leaves	Exposure visit, FLD, film/CD shows, training, field days	11	82	-

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.

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*don't add space before or after statement within the table cell

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
Malkangiri	2013	Kharif	Varietal evaluation	Use of certified seed of variety "Mandakini"	Rice	Mandakini	1	38.6	45.3	17.3	2	8	0	0	10
Malkangiri	2013	Kharif	Integrated weed management	Post emergence application of Metsulfuron +Chloromuron(Almix) @ 20 gm./ha. after 15 DAT along with one hand weeding at 35 DAT	Rice	MTU-1001	2.6	37.4	44.6	19.2	5	5	0	0	10

Malkangiri	2013	Kharif	Integrated Disease Management	Seed treatment with Tricyclazole @ 1gm/kg of seed, foliar spraying with tricyclazole @ 0.6 gm/lit of water at first incidence twice at 15 days interval	Rice	MTU-10 01	2.0	38.0	45.7	20.2	4	6	2	3	15
Malkangiri	2013-14	Rabi	Integrated Disease Management	Soil application of carbofuran 3 G @ 30 kg/ha, alternate spraying of Thiomethoxam 25 WG @ 100 gm/ha and difenthurion 50% WP @ 750 gm/ha and use of yellow sticky trap @ 20/ha	Okra	Utkal gourav	1	68.1	84.8	24.52	6	4	2	3	15
Malkangiri	2013-14	Rabi	Integrated Disease Management	Vine treatment with Thiophanate methyl@ 1 gm/lit and need base spraying of Thiophanate methyl @ 1 gm/lit and chlorothalonil @ 1.5 gm/lit at 15 days interval	Pointed gourd	Swarna aloukik	1	122.4	144.7	19.19	4	6	3	2	15
Malkangiri	2013-14	Kharif	Integrated crop management	High yielding variety Utkala Kumari with full package of practices	Tomato (TSP)	Utkal Kumari	30.0	205	276	34.6		80	-	-	80

Malkangiri	20130-14	Rabi	Income generation activity	Rearing of 30 days old vaccinated Vanaraja poultry in back yard	Poultry (TSP)	Vanaraja	6000 chicks	Av. Weight 0.5 kg in six months	Av. Weight 2.9 kg in six months	480		300			300
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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)
Malkangiri	Use of certified seed of variety “Mandakini”	Rice	Yield, EBT/sq.m	38.6 187.4	45.3 218.5	21,209`	21571	38,600	45,300	17,391	23,729	1.8	2.1
Malkangiri	Post emergence application of Metsulfuron +Chloromuron(Almix) @ 20 gm./ha. after 15 DAT along with one hand weeding at 35 DAT	Rice	Yield, EBT/sq.m	37.4 179.5	44.6 210.8	22,395	22,525	37,400	44,600	15,005	22,075	1.67	1.98
Malkangiri	Seed treatment with Tricyclazole @ 1gm/kg of seed, foliar spraying with tricyclazole @ 0.6 gm/lit of water at first incidence twice at 15 days interval	Rice				38,000/-	40,500/-	45,600/-	54,840/-	7,600/-	14,340/-	1.2	1.35

Malkangiri	Soil application of carbofuran 3 G @ 30 kg/ha, alternate spraying of Thiomethoxam 25 WG @ 100 gm/ha and difenthurion 50% WP @ 750 gm/ha and use of yellow sticky trap @ 20/ha	Okra				50,000/-	53,200	1,36,200	1,69,600/-	85,700/-	1,16,400/-	2.72	3.19
Malkangiri	Vine treatment with Thiphanate methyl @ 1 gm/lit and need base spraying of Thiophanate methyl @ 1 gm/lit and chlorothalonil @ 1.5 gm/lit at 15 days interval	Pointed gourd				1,14,200/-	1,18,500/-	3,64,200/-	4,34,100/-	2,50,000/-	3,15,600/-	3.19	3.66
Malkangiri	High yielding variety Utkala Kumari with full package of practices	Tomato	Number fruits/plant	72	88	51,125	65,715	1,32,925	2,03,715	81,800	1,38,000	2.6	3.1
Malkangiri	Rearing of 30 days old vaccinated Vanaraja poultry in back yard	Poultry	Body weight	0.5 kg in six months	2.9 kg in six months	40/ bird	180/bird	140/bird	653/bird	100	473	3.5	3.6

3.4 Information about Home Science FLDs

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

3.5 Economic Performance Home Science FLDs:

KVK name	Technology to be Demonstrated	Performance Indicator / Parameter																					
		Output m ² /h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		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	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
Malkangiri	Rice	Training	1	25	
		Field day	1	40	
Malkangiri	Rice	Training	1	25	
		Field day	1	32	
Malkangiri	Rice	Training	1	25	
		Field day	1	35	
Malkangiri	Okra	Training	1	25	
		Field day	1	44	
Malkangiri	Pointed gourd	Training	1	25	
		Field day	1	38	
Malkangiri	Tomato	Training	3	80	
		Field day	2	104	
Malkangiri	Poultry	Training	4	100	
		Field day	2	120	

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.
1	Malkangiri	Rice	JKRH-401		13	1.3

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
Malkangiri	Hybrid rice seeds should be available sufficiently at reasonable price. Herbicide should be available in the near by market . Rice variety resistant to stem borer should be available .	Field visit, Personal contact, Group discussion	Yield of hybrid rice increased through INM. Herbicide almix controlled the broad leafed weeds and sedges. Indoxacarb application reduced the stem borer population . IDM practice in brinjal reduced the fusarium wilting and thereby increase the yield. Blast infestation in rice was suppressed by tricyclazole application through seed treatment and spray Integrated Pest Management practice with carbofuran soil application and spraying of thiomethoxam and difenthurion and use of yellow sticky trap significantly reduced the YMV infestation in Okra	All the technologies are performing well and hence can be adopted in future

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Malkangiri	Development of stem borer resistant variety of rice
Malkangiri	Research for new generation pesticides having low residual toxicity

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
Malkangiri	Farmers and farm women	Field visit, Group discussion, PRA, Inter action programme	Rauliguda, MPV-1, MPV-2, Jhulanbahal, Pradhaniguda, Ciadimala, Ketriguda, Kadabahal.	475
Malkangiri	Rural youth	Field visit, Group discussion, PRA, Inter action programme	MPV-2, Kadabahal, Ketriguda,	52

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			12		13			
Malkangiri	FW	ONC	CRP	IWM in transplanted Rice	1	2	0	0	10	4	8	3	0	0
Malkangiri	FW	ONC	CRP	INM in sesamum	1	2	0	0	10	0	15	0	0	0
Malkangiri	FW	ONC	CRP	Improved cultivation practice of Hybrid Rice	1	2	0	0	12	0	13	0	0	0
Malkangiri	FW	ONC	CRP	Improved cultivation practice of Maize	1	2	0	0	15	4	4	2	0	0
Malkangiri	RY	ONC	CRP	Seed production in rice	1	4	5	0	5	0	5	0	0	0
Malkangiri	RY	ONC	CRP	Seed Production in Ground nut	1	3	0	0	5	0	5	0	5	0
Malkangiri	RY	ONC	CRP	Integrated farming system	1	3		0	5	0	5	0	5	0
Malkangiri	FW	OFC	CRP	INM in cereals and oil seeds	1	2	15	0	2	5	3	0	0	0
Malkangiri	FW	OFC	CRP	Method and time of soil sample collection	1	1	0	0	0	0	15	10	0	0
Malkangiri	FW	OFC	CRP	Use of Green manures and biofertilizer in Rice	1	1	0	0	15	10	0	0	0	0
Malkangiri	FW	OFC	CRP	Paddy cum fish farming system	1	1	0	0	15	10	0	0	0	0
Malkangiri	FW	OFC	CRP	Improved cultivation practice of hybrid Rice	1	1	0	0	15	10	0	0	0	0
Malkangiri	FW	OFC	CRP	Importance of use of micronutrients of Maize	1	1	0	0	0	0	15	10	0	0
Malkangiri	FW	OFC	CRP	INM in ground nut	1	2	0	0	0	0	15	10	0	0
Malkangiri	FW	OFC	CRP	Improved cultivation practice of Ground nut	1	1	0	0	0	0	15	10	0	0
Malkangiri	FW	OFC	CRP	Improved cultivation practice of Sesamum	1	2	0	0	15	10	0	0	0	0
Malkangiri	FW	OFC	PLP	IDM measures for management of blast disease in rice	1	2	2	0	8	8	0	7	0	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			12		13			
Malkangiri	FW	ONC	PLP	IDM measures for management of fruit borer in Okra	1	2	0	4	4	9	4	4	0	0
Malkangiri	FW	OFC	PLP	IPM for management of BPH, WBPH in rice	1	1	0	6	8	2	4		3	2
Malkangiri	FW	OFC	PLP	Management of fruit borer in bitter gourd	1	1	0	2	4	6	4	4	4	1
Malkangiri	FW	ONC	PLP	Seed borne disease of rice and their management through seed treatment	1	2	0	4	8	5	8	0	0	0
Malkangiri	FW	ONC	PLP	IMP measures for management of stem borer in rice	1	2	4	2	8	4	2	0	5	0
Malkangiri	FW	OFC	PLP	Management of wilting in brinjal	1	1	5		8	7	2	3		0
Malkangiri	FW	ONC	PLP	Fruit fly management in pumpkin	1	2	4		9	2	4	0	6	0
Malkangiri	FW	OFC	PLP	IDM measures for management of downy mildew in pointed gourd	1	1	0	6	8	2	4	0	3	2
Malkangiri	RY	ONC	PLP	Production and use of pesticidal compost	1	3	4	0	3	0	3	0	5	0
Malkangiri	FW	ONC	PLP	Management of leaf curl virus in chilli	1	2	0	0	5	0	10	10	0	0
Malkangiri	FW	ONC	PLP	ITK measures for gundhi bug in rice	1	2	0	0	17	0	7	1	0	0
Malkangiri	FW	OFC	PLP	Management of pod borer in black gram and green gram	1	1	0	0	17	0	8	0	0	0

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

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 else where
		Type of units	Number of units	Number of persons employed	

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		

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	
Malkangiri	Cultivation of Pointed gourd in raised bed and trellies	25	2	7	2.5	3.8	32,000	41,000	17 86%

Malkangiri	Scientific cultivation of Brinjal	25	4	9	4.8	10.2	28,000	47,000	17 57.5%
Malkangiri	Integrated Farming System	25	6	10	6.3	11.7	16,000	82,000	20 69%
Malkangiri	Improved cultivation practice of Hybrid Rice	25	3	8	3.6	9.1	17,000	26,000	22 72%
Malkangiri	INM in major cereals,pulses and oilseed crops	10	3	8	4.2	8.3	23,000	38,000	22 69%
Malkangiri	Improved cultivation practice of Ground nut	25	5	10	5.7	11.8	18,000	37,000	19 74%
Malkangiri	Scientific management of Mango orchards	25	3	7	3.2	8.3	46,000	1,35,000	14 71%
Malkangiri	IWM in cereals and oil seeds	10	4	8	4.4	9.3	22,000	41,000	13 62%
Malkangiri	Rice cum fish farming system	25	2	9	2.8	10.7	25,000	1,20,000	9 65%
Malkangiri	SRI method of Rice cultivation	25	3	8	4.2	9.8	7,000	12,000	12 82%
Malkangiri	Integrated management of Blast and Sheath blight in rice	25	2	6	2.7	6.8	4,000	9,000	16 75%
Malkangiri	Integrated Management of Fungal, bacterial and Nematode wilt in Tomato	25	4	10	4.1	10.6	18,000	41,000	29 85%
Malkangiri	Integrated management of hoppers and fruit flies of Mango	25	1	7	1.2	7.8	17,000	82,000	11 68%
Malkangiri	Integrated fruit fly management in Pointedgourd	25	2	6	2.3	6.4	28,000	31,000	17 72%
Malkangiri	Integrated management of YMV in Green gram	25	2	8	2.6	8.5	8,000	24,000	8 76%

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				
				M	F	M	F	M	F	Purpose	Topic s	Crop Stages
Malkangiri	Field Day	24	5	17	22	124	45	4	2	Awareness	Package of practice	Harvesting stage
Malkangiri	Kisan Mela	1	-	-	-	-	-	-	-			
Malkangiri	Kisan Ghosthi	10	-	-	-	-	-	-	-			
Malkangiri	Exhibition	1	1							Awareness of agricultural technology		
Malkangiri	Film Show	10	25	145	42	205	92	5	5	Awareness		
Malkangiri	Method Demonstrations	10	-	-	-	-	-	-	-			
Malkangiri	Farmers Seminar	2	-	-	-	-	-	-	-			
Malkangiri	Workshop	-	-	-	-	-	-	-	-			
Malkangiri	Group meetings	6	10	26	32	74	30	2	1	Conducting FLD, OFT and training		
Malkangiri	Lectures delivered as resource persons	-	-	-	-	-	-	-	-			
Malkangiri	Newspaper coverage	4	-	-	-	-	-	-	-			
Malkangiri	Radio talks	10	5	-	-	-	-	-	-	Information on agricultural knowledge		
Malkangiri	TV talks	4	13	-	-	-	-	-	-	Information on agricultural knowledge		
Malkangiri	Popular articles	4	2	-	-	-	-	-	-	Information on agricultural technology		
Malkangiri	Extension Literature	12	2	-	-	-	-	-	-	Information on agricultural technology		
Malkangiri	Farm advisory Services	8	-	-	-	-	-	-	-			
Malkangiri	Scientific visit to farmers field	120	112	122	83	217	145	10	8	Monetary of KVK activities		
Malkangiri	Farmers visit to KVK	500	272	-	-	-	-	-	-	Providing solution to the farmers problem		
Malkangiri	Diagnostic visits	24	85	90	20	115	105	3	2	Monetary of KVK		

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials				
				M	F	M	F	M	F	Purpose	Topic s	Crop Stages
										activities and gathering knowledge of field problem		
Malkangiri	Exposure visits	0	1	-	-	-	-	-	-	Creating awareness of modern technology		
Malkangiri	Ex-trainees Sammelan	2	-	-	-	-	-	-	-			
Malkangiri	Soil health Camp	4	1	5	5	5	5	3	2	Awareness for soil testing		
Malkangiri	Animal Health Camp	4	-	-	-	-	-	-	-			
Malkangiri	Agri mobile clinic	4	-	-	-	-	-	-	-			
Malkangiri	Soil test campaigns	-	-	-	-	-	-	-	-			
Malkangiri	Farm Science Club conveners meet	-	-	-	-	-	-	-	-			
Malkangiri	Self Help Group conveners meetings	2	4	21	5	9	22	2	1	Providing knowledge		
Malkangiri	Mahila Mandals conveners meetings	4	-	-	-	-	-	-	-			
Malkangiri	Celebration of important days (World environment day)	3	3	5	10	30	40	1	1	Awareness of the important of the days		

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

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Malkangiri	Booklet	Pointed gourd Cultivation	Dr. Debabrata Panigrahi and Mrs. Sunita Dandasena	500
Malkangiri	Booklet	Scientific Sunflower cultivation	Dr. Debabrata Panigrahi and Mrs. Sunita Dandasena	500
Malkangiri	Booklet	Integrated Pest Management in maize	Dr. Debabrata Panigrahi and Mrs. Sunita Dandasena	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.)
Malkangiri	Cereal	Rice	MTU-1001	31.4	73476	64	52

8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)

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.)
Katni	Bio Agents						
Katni	Bio Agents						
Katni	Bio Fertilizer						
Katni	Bio Fertilizer						

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

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)

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)

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

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)
Malkangiri			Not handed over till now					

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
Malkangiri	2010-11		-	6	Not handed over till now

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Malkangiri	09.10.2013	22	<ul style="list-style-type: none"> -Popularization of recently developed short duration high yielding rice variety, -IPM strategy on gundhi bug problem in rice --IDM strategy on wilting in groundnut, emphasis on backward poultry cultivation, -Mushroom cultivation and home stead garden to empower rural women, -Conduct more numbers of animal health camp in tribal village, -Development of integrated farming system models, -Demonstration on IDM and IPM strategy for rice, maize, groundnut and major vegetables grown in the district.

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.		
Malkangiri	25	1000	35	-	Varietal introduction, nutrient management, insect and pest management , irrigation management, post harvest management

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
Malkangiri	RKVY	State	2,25,000	Drip and Sprinkler irrigation system installation	KVK Farm	

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Malkangiri	30768858587	87,892	1,04,174	1,04,174

17. Awards & Recognitions

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

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.)

b) Details about Technology Park

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

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria

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	Malkangiri	Sri Ajaya Mandal	Artificial pollination in pointed gourd	MV-8, P.O. Tamasa, Malkangiri, Ph. No. 9438022045
2	Malkangiri	Sri Prakash Pradhan	Marker for SRI	Kadabahal, Malkangiri
3.	Malkangiri	Sri Kartika Mandal	Rotational fish cultivation in fish pond and rice field	M.V-8, P.O. Tamasa, Malkangiri, Ph. No. 9438022045
4	Malkangiri	Sri Santi Dey	Artificial hatching fish fingerling using a cycle tube	MV-9, P.O. Goudagoda, Malkangiri
5	Malkangiri	Sri Ramprasad Sarkar	Rice-cum-fish farming	MPV-1, P.O. Tamasa, Malkangiri

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	12.08.2013	5
2	18.09.2013	8
3	8.10.2013	4
4	06.11.2013	3
5	29.11.2013	8
6	10.12.2013	3
7	03.01.2014	4
8	20.02.2014	5
9	11.03.2014	3
10	13.03.2014	2

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Malkangiri	2	3	14	20

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

23. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
1	Nabarangpur, Koraput	Purchase of inputs, technical manpower	

24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Malkangiri	Dr. R.K. Raj, Joint Director, Directorate of Extension.	09.10.2013		SAUs		To attend Scientific advisory committee meeting

25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	Malkangiri	22.05.2011	21	346

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	No. of Call mate to Hub by KVK			

27. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks

28. Status of Citizen Charter

Sr. No.	Name of KVK	Query received(Nos)	Query Disposed(Nos)	Remarks
1	Malkangiri	10	10	

29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
	Total			

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

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Malkangiri	Sri Hemanta Kumar Sahoo, Sri Nigamananda Behera	PC SMS(Agronomy)	1 1	

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Malkangiri	2	2

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

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

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

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology

34. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

Name of KVK	Crops	Area (ha)	Number of beneficiaries

Farmers-scientists interaction on livestock management

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

Animal health camps organized

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

Seed distribution in drought hit states

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

Seedlings and Saplings distributed

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

Bio-control Agents

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

Bio-Fertilizer

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

Vermis Produced

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

Large scale adoption of resource conservation technologies

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

Awareness campaign

Name of KVK	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers

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

2. Proposed Extension Activities in NICRA Village

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

3. Proposed Training Activities in NICRA Village

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

4. Proposed Activities for Fodder Bank

Established (Years)	Capacity	Current Status

5. Proposed Activities for Seed Bank

Established (Years)	Capacity	Current Status

6. Public Representative/District Administration Visited in NICRA Village

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

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

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

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, Impact

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1	Malkangiri		2

SUCCESS STORY-1

1. Name of the technology : INM in hybrid Rice
2. Name and address of farmer : Sri Sanjay Kumar Pujari of village Pradhaniguda, Block-Malkangiri, Dist- Malkangiri.

Sri Sanjay Kumar Pujari aged about 30 years usually cultivates hybrid rice in both kharif and summer season. But he was ignorant about Integrated Nutrient Management practices in hybrid rice as a result he was harvesting a very low yield subsequently leading to poor economic return.

KVK – Intervention:

Taking this in to account KVK, Malkangiri conducted an on-farm testing on integrated nutrient management in hybrid rice variety JKRH-401. Sri Sanjay Kumar Pujari a progressive farmer of this village Pradhaniguda came forward to adopt this technology in hybrid rice variety JKRH-401 following recommended fertilizer dose of 120 – 60 - 60 kg NPK/ha with zinc sulphate 25 kg/ha, borax 10 kg/ha and need based plant protection measures.

Out put of the technology :

Sri Sanjay Kumar Pujari harvested yield to the tune of 65.3 q/ha from the trial plot as against 45.7 q/ha from the plot with the traditional practice. So far as tillering is concerned on an average 35 effective tillers/hill were obtained in the trial port as against 20 tillers in traditional practice.

Out come of the technology

He was able to earn a gross return of Rs. 81,625 per ha with investing Rs. 29,800 in the demonstrated plot as compared to gross return of Rs. 57,125 per ha and cost production of Rs. 25,400 in local check plot. The net return from the demonstrate plot was Rs.51,825 as against Rs. 31,725 in the local check plot.

Farmer's reaction and feed back

Sri Sanjay Kumar Pujari was very much impressed and realized the higher return from the hybrid rice JKRH-401 with integrated nutrient management practice. Though the cost of hybrid seed is more but he is interested to cultivate this hybrid owing to its more additional income.

Extent of diffusion of technology

The higher yield with higher net return realised by Sri Pujari gave a positive impact on the minds of the other farmers of the villages and near by villages for adopting this technology in the coming years.



SUCCESS STORY-2

1. **Name of the technology** : Introduction of off-season tomato cultivation variety, Utkal Kumari.
2. **Name and address of farmer** : Sri Jagabandhu Pangi, At-Pedawada, Block-Malkangiri, Dist- Malkangiri.
3. **Initial Status** :

Pedawada is one of the adopted village of Krishi Vigyan Kendra, Malkangiri located in Malkangiri Sadar block of Malkangiri district. The total no. of farm families of this village are 87 dominated by schedule tribes. Agriculture is the primary mean of their livelihood. Rice is the main crop during kharif season with average yield of 25 q/ha. The paddy lands in the village are mostly upland which resulted in low productivity with low monetary return. Sri Jagabandhu Pangi is one of the progressive farmer of the village. He has 1 hectare of upland where he grows rice during kharif but the return from the kharif rice is not so profitable. He was in search of some alternative crop from which he can earn a very remunerative income.

KVK – Intervention:

Taking this in to account KVK, Malkangiri conducted a Front Line Demonstration on off-season tomato cultivation using wilt tolerant tomato variety Utkal Kumari in the adopted village Pedawada. Sri Jagabandhu Pangi a progressive farmer of the village Pedawada came forward to cultivate off-season tomato variety Utkal Kumari in his own field with full technical support from KVK, Malkangiri.

Innovative Extension Approach:

The training, farmers' group meeting and regular field visit were made by the scientists of KVK Malkangiri and periodic suggestions were given to the farmers to have a bumper harvest from off-season tomato cultivation.

Output and outcome of the technology

Sri Jagabandhu Pangi of the village Pedawada a progressive farmer who follow this technology and cultivated tomato in his own field in Kharif 2013. He got a yield of 281.4 q/ha from demonstrated plot. The gross return obtained from the demonstrated plot was Rs. 2,81,400 with investment of Rs. 67,400 per hectare . He earned a net profit of Rs. 2,14,00 per ha from tomato cultivation as compared to Rs. 12,200 per ha from paddy.

Sri Jagabandhu Pangi is very much convinced with the performance of the off-season tomato cultivation with variety Utkal Kumari.

Being inspired by the success of Sri Jagabandhu Pangil,, other farmers of the village and neighbouring villages have started cultivation of tomato during kharif season in uplands.



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) –