

ANNUAL PROGRESS REPORT

April 2014 to March 2015

Contents

Sl. No.	Particular	Page No
	Instructions for Filling the Format	03
	Summary of KVK Annual Report (Quantifiable Achievement) for the year 2013-14	04
1	General Information	06
2	On Farm Testing	10
3	Achievements of Frontline Demonstrations	15
4	Documentation of the need assessment conducted by the KVK for the training programme	24
5	Training programmes	25
6	Extension Activities	35
7	Literature Developed/Published (with full title, author & reference)	38
8	Production and supply of Technological products	39
9	Activities of Soil and Water Testing Laboratory	40
10	Rainwater Harvesting	41
11	Utilization of Farmer Hostel facilities	41
12	Utilization of Staff Quarter facilities	41
13	Details of SAC Meeting	41
14	Status of Kisan Mobile Advisory	43
15	Status of Convergence with agricultural schemes	43
16.	Status of Revolving Funds	44
17.	Awards & Recognition	44
18.	Details of KVK Agro-technological Park	44
19.	Farm Innovators	45
20.	KVK interaction with progressive farmers	45
21.	Outreach of KVK	45
22.	Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize	46
23.	KVK Ring	46
24.	Important visitors to KVK	46
25.	Status of KVK Website	46
26.	Status of E-connectivity	46
27.	Status of RTI	47
28.	Status of Citizen Charter	47
29.	Attended HRD activities organized by ZPD	47
30.	Attended HRD activities organized by DES	47
31.	Attended HRD activities by KVK Staff	48
32	Agri Alert report	48
33.	Details of Technological Week Celebration	49
34.	Interventions on Drought Mitigation	49
35.	Proposal of NICRA	51
36.	Proposed works under NAIP	52
37.	Case study / Success Story to be developed	52
38.	Action Photographs	54

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 2014 to March 2015

Summary of KVK Annual Report (Quantifiable Achievement) for the year 2014-15

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	11	143	
	On Going OFT	2	26	
	Technologies assessed (Completed OFT)	9	117	
	Technologies refined			
	On farm trials conducted	11	143	
2	Frontline demonstrations			
	Proposed Frontline demonstrations	10	130	
	On Going Frontline demonstrations	3	30	
	FLDs conducted on crops	6	69	
	Area under crops (ha.)	6	69	
	FLD on farm implement and tools	1	13	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	2	26	
	FLD on Fisheries - Finger lings			
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	1	13	
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	4	52	
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	32	32	800
	Farm women	16	16	400
	Rural youth	6	12	90
	Extension personnel/ In service	4	7	90
	Vocational trainings	2	10	20
	Sponsored Training			
	Total	60	77	1400
		No. of programmes	Participants	
4	Extension Programmes	27	22196	
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	696.4	1524	
	Planting material produced (nos.)	105700	296	
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.)	500	43	
	Bio Products	Qty	Beneficiaries (nos.)	

	Bio Agents -Earth worm (Kg.)		
	Trichoderma (kg.)		
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	5956	35
	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.)	4	2000
	KVK News letter	2	1000
	SAC Meetings conducted	2	47
	Soil sample tested	60	60
	Water sample tested		
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)		
	KVK-KMA (Message and beneficiaries)	123	1725
	Convergence programmes	2	950
	Sponsored programmes	2	420
	KVK Progressive Farmers interaction	1	25
	No. of Technology Week Celebrations	1	700
	Attended HRD activities organized by ZPD	1	1
	Attended HRD activities organized by DES	5	5
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)		
9	Current status of Revolving Funds (Amt. in Rs.)		22133
10		No. of blocks	No. of villages
	Outreach of KVK in the District	12	113
11		ICAR	SAU Others
	No. of important visitors to KVK (nos.)		2
12		Working (Yes/No)	No. of Update
	Status of KVK Website	yes	30
13		Application received	Application disposed
	Status of RTI (nos.)		
14		Query received	Query dissolved
	Citizen Charter (nos.)		
15		Working (Yes/No)	No. of programme viewed
	E-connectivity	yes	4
16		Filled	Vacant
	Staff Position	11	5
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)		2
18	Publication received from ICAR /other organization (nos.)		6
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, 2015

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Bargarh	16	1	1	6	2	3	3	6	5	16	11

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
Bargarh	Programme Coordinator	Dr. M.K.Tripathy	Entomology	Ph.D	Entomology	37400-67000 AGP-9000	43250+ 9000	27-10-09	Permanent	Others
Bargarh	Subject Matter Specialist1	Mrs S. Sahu	Home Science	MSc	Food & Nutrition	15600-39100 AGP-6000	19050+ 6000	22-12-09	Permanent	Others
Bargarh	Subject Matter Specialist2	Sri N. C. Barik	Nematology	M.Sc.	Nematology	15600-39100 AGP-6000	19050+ 6000	30-04-10	Permanent	Others
Bargarh	Subject Matter Specialist3	Vacant								
Bargarh	Subject Matter Specialist4	Vacant								
Bargarh	Subject Matter Specialist5	Vacant								
Bargarh	Subject Matter Specialist6	Vacant								
Bargarh	Programme Assistant	Sri D. Jena	Seed. Sc	MSc	Seed Science	9300-34800 (GP-4200)	9300+4200	6.2.2015	Permanent	Others
Bargarh	Farm Manager	Sri K.M Biswal		BSc		9300-34800 (GP-4200)	15600+ 4200	26-09- 2011	Permanent	Others
Bargarh	Computer Programmer	Sri M.K Sahu	Computer	MCA		9300-34800 (GP-4200)	13450+ 4200	27.01.2006	Permanent	Others
Bargarh	Accountant / superintendent	Vacant								
Bargarh	Stenographer	Sri S.K Jally		BA		5200-20200 -GP-2400	5430 +2400	14.2.2014	Contractual	
Bargarh	Driver	Sri. A. Chhanda		Under		PB-	5870+	23-07-08	Contractual	

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
				Matric		1(5200-20200) S-5	1900			
Bargarh	Driver	Sri. U. Pati		Under Matric		PB-1(5200-20200) S-5	5200+1900	14.2.2014	Contractual	
Bargarh	Supporting staff	Sri. S.L Debata		Under Matric		PB-1(4440-7440)S-5	4990+1300	28-07-08	Contractual	
Bargarh	Supporting staff	Sri.O.Khamari		Under Matric		PB-1(4440-7440)S-5	4990+1300	28-07-08	Contractual	

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
Bargarh	West Central Table Land	12	248	1,478,833	74%	89177	203550	0.24 ha

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)
Bargarh	Bandhapalli	2014	Shohella	85	813	303
Bargarh	Garmunda	2014	Attabira	13	452	105
Bargarh	M.Gandpali	2008	Bijepur	67	1410	237
Bargarh	Ludupalli	2013	Ambabona	85	1120	725
Bargarh	Raisobha	2013	Bhatli	60	2500	620
Bargarh	Patrapali	2010	Bhatli	65	800	326

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

KVK Name	THRUST AREA
Bargarh	Crop Diversification
Bargarh	Reclamation of degraded land
Bargarh	Integrated Nutrient Management practices
Bargarh	Integrated Disease and Pest Management Practices
Bargarh	Quality seeds and seedlings production
Bargarh	Income generating activities for rural women/ School dropouts
Bargarh	Value addition in seasonal vegetables
Bargarh	Integrated farming system
Bargarh	Integrated fish farming
Bargarh	Proper health management of domestic animals & birds
Bargarh	Market and production strategies
Bargarh	Recycling of farm wastes for vermicompost
Bargarh	Farm mechanization
Bargarh	Off season vegetable cultivation
Bargarh	Promotion of nutritional garden
Bargarh	Introduction of suitable varieties with improved packages of practices
Bargarh	Effective use of family labour through need based livelihood option
Bargarh	Command Area Development with proper Irrigation management
Bargarh	Agro forestry in waste land, Soil & water conservation

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
Bargarh	Low yield of oil seed and pulses due to soil acidity	Soil Analysis	Padampur, Paikamal, Jharabandha, Sohela , Bhatli
Bargarh	Low family income due to mono cropping in rain fed areas	PRA	Attabira, Bheden, Barpali, Bargarh
Bargarh	Imbalance use of manures and fertilizers in vegetables leading to low productivity	Soil Analysis, PRA	Padampur, Paikamal, Jharabandha,

			Sohela , Bhatli
Bargarh	Distress sale of fruits and vegetables due to lack of storage facility	PRA	Bijepur, Bhatli, Sohela
Bargarh	Severe infestation of insect pest and disease of vegetables	Field Visit, Diagnostic survey	Attabira, Bheden, Barpali, Bhatli
Bargarh	Underutilization and low productivity of fish ponds	PRA	Attabira
Bargarh	Drudgery of farm women	PRA	Padampur, Paikamal, Jharabandha, Sohela , Bhatli
Bargarh	Low productivity of country birds	PRA	Attabira, Bhatli Bheden, Barpali, Bargarh
Bargarh	Low yield of rulling paddy var. Swarna(MTU-7029) due to susceptibility to diseases and pest	PRA, Diagnostic Visit	Attabira, Bheden, Barpali, Bargarh
Bargarh	Low productivity of animal resources	PRA	Padampur, Paikamal, Jharabandha, Sohela , Bhatli
Bargarh	Collar rot in groundnut	FLD, Diagnostic Visit, Farmer Meeting	Padampur, Paikamal, Jharabandha, Bhatli
Bargarh	Underutilization of paddy straw	PRA	Attabira, Bheden, Barpali, Bhatli
Bargarh	Lack of suitable variety for Kharif greengram	Farmers meeting, diagnostic visit	Padampur, Paikamal, Gaisialat, Sohela

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)	T ₃	FP (T ₁)	RP (T ₂)	T ₃	
Bargarh	2014	Kharif	Low yield due to high incidence of American boll worm in cotton	Assessment of eco friendly practices for management of ABW in cotton	Assessment	Integrated Pest management	Cotton	Rainfed	13	7.92	18		14000	26000		Spraying Emamectin Benzoate 5% SG @ 200gm/ha is safer to natural parasites and predators Planting castor as border crops increases population of natural parasites and predators.
Bargarh	2014-15	Kharif	Low yield of groundnut due to complete defoliation by Spodoptera litura	Assessment of chemical Profen phos 50EC @ 2 ml/lit for controlling Spodoptera litura in groundnut	Assessment	Integrated Pest management	Groundnut	Rainfed	13	11.75	16		29000	41000		Application of insecticides with long residual toxicity is helpful for controlling <i>Spodoptera litura</i>
Bargarh	2014-15	Rabi	Loss of quality and yield of potato due to infestation	Assessment of IDM schedule for management of late blight disease of	Assessment	Integrated Disease management	Potato	Irrigated	13	180	234		56000	81000		Early planting of potato before second fortnight of November is a must to avoid late blight disease.

			of a number of diseases	potato													
Bargarh	2014-15	Rabi	Poor yield due to infestation of white grub in sugarcane	Assessment of chemical management strategy against white grub in sugarcane	Assessment	Integrated pest management	Sugarcane	Rainfed	13								Continuing Collection and killing of adult white grubs at the time of earthing up.
Bargarh	2014-15	Kharif	Low yield due to severe infestation of weeds	Assessment of weedicides in Groundnut	Assessment	Weed management	Groundnut	Rainfed	13	11.3	14.7	16.3	13100	24500	30100		post emergence of application of Imizathapyre@750ml/ha at 15-20DAS to control weeds
Bargarh	2014-15	Rabi	Low yield from local variety	Assessment of tissue culture banana varieties .	Assessment	Varietal Evaluation	Banana	Rainfed	13								Continuing

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)
Bargarh	Assessment of eco friendly practices for management of ABW in cotton	No. of Balls per plant	22	65	40000	43000		54000	69000		14000	26000		1.35	1.6	

Bargarh	Assessment of chemical Prpfenphos 50EC@2ml ml/lit for controlling <i>Spodoptera litura</i> in groundnut	No. of affected plants per m ²	3.5	1.5	30000	35000	59000	76000	29000	41000	1.9	2.1				
Bargarh	Assessment of IDM schedule for management of late blight disease of potato	Bulb size (gm)	150	190	70000	82000	126000	163800	56000	81000	1.8	2.0				
Bargarh	Assessment of chemical management strategy against white grub in sugarcane	Cane length (inch)														
Bargarh	Assessment of weedicides in Groundnut	Weeds/m ²	13	1.6	43400	49000	50900	56500	73500	81500	13100	24500	30600	1.3	1.5	1.6
Bargarh	Assessment of tissue culture banana varieties .	No. of plant affected/sq. mt	Continuing													

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
Bargarh	2014	Kharif	Low efficiency and high	Assessment of mahua seed	Assessment	Drudgery reduction	Decortication of mahua seeds done by mahua seed	Handy implement , decortication capacity 8-10 kg/hr, implement is	Rainfed	13	Time money could be saved and drudgery is reduced to 85% by

			degree drudgery of farm women during decortating of mahua seeds	decorticator for drudgery reduction			decorticator having weight 14-15 kg made up of mild steel and wooden bar	operated manually in sitting posture .			using Mahua seed decortitor
Bargarh	2014	Kharif	Low income from local variety of marigold cultivation	Assessment of Ceracole variety of marigold	Assessment	Income generation	Seedling treatment with Bavistin@2gm/lit, spacing at 45X30 cm	Available in different colours, Yield is more than local variety which can be cultivated throughout the year	irrigated	13	Pinching of apical shoots at 40 DAT makes the plant bushy so as to give more yield
Bargarh	2014-15	Rabi	Poor economic status of farm women from house hold activities during lean period	Assessment of Hypsizygos Ulmarius of mushroom	Assessment	Income generation	Cutting of rice straw into 2-3 inches size, sterilization of straw in hot water, scientific method of bed preparation in polythene. Harvesting, grading and packaging practices	Light bluish in colour, slight tastier than oyster mushroom	Rainfed	13	18 % more yield can be obtained from blue oyster mushroom which is more tastier than oyster mushroom.
Bargarh	2014-15	Rabi	Low efficiency & high drudgery of farm women during stripping of groundnut	Assessment of groundnut stripper	Assessment	Drudgery reduction	Stripping of groundnut done by groundnut stripper, overall dimension in mm 690X690X200	Handy implement , working capacity 11kg pod/hr/worker	irrigated	13	Time money could be saved and drudgery is reduced to 76% by using Groundnut stripper
Bargarh	2014-15	Rabi	High drudgery due to use of traditional winnowing by Basket (kula)	Assessment of manual Rice grain winnower for drudgery reduction.	Assessment	Drudgery reduction	T ₂ : Use of hand operated fan type winnower T ₃ : Use of hoper type hand operated paddy winnower	Use of hoper type hand operated paddy winnower	Irrigated	13	Time, money along with 29% drudgery can be effectively saved by use of rice grain winnower.

2.4 Economic Performance Home Science OFT:

KVK name	OFT Title	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		Savings in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Barg arh	Assessment of mahua seed decorticator for drudgery reduction	1.7 kg/hr	9.8 Kg/hr	402.35 KJ/min/kg	57.55 KJ/min/kg	127	114	85.6	476														
Barg arh	Assessment of Ceracole variety of marigold													175000	188000	204000	268000	10200	13400	29000	80000	61000	1.42
Barg arh	Assessment of Hypsizygous Ulmarius of mushroom													4700/100bed	4700/100bed	8800/100bed	10400/100bed	2.2kg/bed	2.6kg/bed	4100	5700	1600	2.2
Barg arh	Assessment of groundnut stripper	2.8 kg/hr	10.6 Kg/hr	211.7 KJ/min/kg	50.5 KJ/min/kg	117	111	76.1	278														
Barg arh	Assessment of manual Rice grain winnower for drudgery reduction	29 kg/hr	T2-45kg/hr T3-49kg/hr	20.27 kJ/min/kg	T2-16.2kJ/min/kg T3-14.2kJ/min/kg	119	T2-132 T3-128	T2-19.8 T3-29.7	T2-55 T3-68														

2.5 Feedback from KVK to Research System

Name of KVK	Feedback
Bargarh	Screening of drought resistant cotton variety
Bargarh	Synthesis of suitable anti feedants against <i>Spodoptera litura</i>
Bargarh	Production of potato in sensitive variety for the reason so that it can be cultivated throughout the year.
Bargarh	Production of sugarcane variety resistant to borers and white grub.
Bargarh	Development of bigger size multicoloured marigold
Bargarh	Fitting of gear system in manual operated mahua seed decorticator to enhance speed & efficiency
Bargarh	Provision of safety handle in manual operated groundnut stripper

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
Bargarh	Ginger	Integrated disease Management	Application of neem cake @500kg/ha during planting, Rhizome treatment with Bavistin@1gm/ltr of water, spraying Nativo(Tebuconazole+Trifloxystrobin)@160gm/acre at 60 and 75 DAP	Training & demonstrations, radio talk, TV talk	11	85	65
Bargarh	Brinjal	Integrated disease Management	Spraying Chlorantraniliprole 18.5SC @ 0.2ml/lit at 60 & 90 DAP alternate with spraying of neem pesticides @ 5ml/lit. at 75 and 100 DAP	Training & demonstrations, radio talk, TV talk	15	98	72
Bargarh	Rice	Integrated disease Management	Seed treatment with <i>T. viridae</i> @ 5gm/kg and spraying Ridomil 72MZ @ 2.5gm/lit.	Training & demonstrations, radio talk, TV talk	9	54	39
Bargarh	Bitter gourd	Integrated disease Management	Spraying Thiomithoxam 25WG@ 0.2gm/lit followed by neem pesticides @ 5ml/lit. at 45 and 65 DAS	Training, Interactive demonstration	7	32	40
Bargarh	Hybrid Napier	Income generating activities	Cultivation of Hybrid Napier and feeding management of cows	Training, Interactive demonstration	6	27	35
Bargarh	Poultry	Income	Rearing and feeding management along with	Training & Demonstration	9	12	-

		generating activities	vaccination of poultry				
Bargarh	Marigold	Income generating activities	HYV with suitable INM and IPDM practices of Marigold	Training & Demonstration	7	24	10
Bargarh	Sugarcane stripper	Drudgery reduction	Detrashing of sugarcane by using sugarcane stripper	Training & Demonstration	9	80	105

Note-

* Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.

*Crop name should be spelled correct and standard English name should be i.e Chick pea in place of gram, Paddy in place of Rice , brinjal in place of egg plant etc.

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

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

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
Bargarh	2014	Kharif	Integrated Pest management	Use of new generation pesticide Denotifuran 20 SG for control of BPH in Kharif Rice	Rice	Swarna	1.0	38.95	48.3	24	1	1	11		13
Bargarh	2014	Kharif	Integrated Pest management	Spraying of malathion 50 EC @ 2.5 ml/lit	Pointed Gourd	Swarna Aloukik	0.4	55	135	145	1	3	9		13
Bargarh	2014-15	Rabi	Integrated disease management	Planting suckers after paring and parlinage, application of carbofuran 3G @40gm/plant and neemcake @250 gm/plant, spraying of plantomycin@1 gm/lit	Banana	G-9	1.0	Continuing			1		12		13

Bargarh	2014-15	Rabi	Integrated disease management	Seed treatment with Vitavax power @2.5 gm/kg, followed by <i>Trichoderma viridae</i> @5 gm/kg and spraying of Ridomil 72 MZ @ 2.5 gm/lit	Tomato	BT-10	1.0	210	262	24.7	1	1	11	13
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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)
Bargarh	Use of new generation pesticide Denotifuran 20 SG for control of BPH in Kharif Rice	Paddy	BPH Population per hill after 10 days of spraying	3.5	1.5	36200	40000	52200	64800	16000	24800	1.4	1.6
Bargarh	Spraying of Malathion 50 EC @ 2.5 ml/lit twice	Pointed Gourd	Fruit wt. (gm)	35	57	98000	105000	200000	250000	102000	145000	2	2.3
Bargarh	Planting suckers after paring and parlinage, application of carbofuran 3G @20gm/plant and neemcake @250 gm/plant, spraying of plantomycin@1 gm/lit	Banana	Continuing										

Bargarh	Seed treatment with Vitavax power @2.5 gm/kg, followed by <i>Trichoderma viridae</i> @5 gm/kg and spraying of Ridomil 72 MZ @ 2.5 gm/lit	Tomato	Avg. fruit wt (gm)	80	122	72000	80000	210000	262000	138000	182000	2.9	3.2
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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
Bargarh	2014	Kharif	Value addition	Low income from watermelon due to poor knowledge in value addition	Preparation of watermelon Squash by addition of 750 gm sugar with 1 lit watermelon juice with 5 gm of citric acid and 2 gm of potassium metabisulphite	Water melon (Sugar baby)	Preparation of Watermelon squash	Homestead	13	13
Bargarh	2014	Kharif	Nutritional management	Poor milk yield due to vitamin and mineral deficiency.	Supplementation of vitamin-mineral mixture @ 30gm / day improve the health of cow and milk yield	dairy	Use of vitamin and mineral mixture in milk production of cow	homestead	13	13
Bargarh	2014-15	Rabi	Income Generating activities	Low income from rearing of local poultry bird	Rearing and feeding management along with vaccination of poultry	poultry	Rearing of rainbow rooster breed of poultry	homestead	100 numbers	13

Bargarh	2014-15	rabi	Drudgery Reduction	Drudgery during setting by axe and loss of cane	Use of sugarcane bud chipper for cutting of sets, working capacity -250 Nos of buds/hr	Sugar cane bud chipper	Use of sugar cane bud chipper	irrigated	2 numbers	13
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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/mi n		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Savings in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2				
Bargarh	Preparation of watermelon Squash by addition of 750 gm sugar with 1 lit watermelon juice with 5 gm of citric acid and 2 gm of potassium metabisulphate											100kg	140 bottle	4200	800	6300			800	2100	1300	1.5	
Bargarh	Supplementation of vitamin-mineral mixture @ 30gm / day improve the health of cow and milk yield											600lt/cow/4 month	732lt/cow/4 month	10200	11470	16800	20496			6600	9026	2426	1.78
Bargarh	Rearing and feeding management along with											55 no of egg/ annum	172 no of egg/ annum	3300 / 10 polt ry	5500/ 10 polt ry	6250	14680	1.75 kg / annum	4.1kg / annum	2950	9180	6230	2.6

	vaccination of poultry																					
Bargarh	Use of sugarcane bud chipper for cutting of sets, working capacity -250 Nos of buds/hr	155k g/ hr	27 5	3.5 kj/m in / kg	2.2 kj/m in / kg	11 3	12 0			37 %			77 %									

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Bargarh	Paddy	Field day	1	70	Attended by district agricultural officers
Bargarh	Pointed Gourd	TV talk	1	Mass	Broad cast by DD, Sambalpur
Bargarh	Tomato	Group visit	1	150	Visited demo plot on the occasion of Kisan mela
Bargarh	Watermelon squash	Exhibition, Training	2	60	Squash has been exhibited in the Farmer's Fair
Bargarh	Vitamin and mineral mixer	Training	1	25	Video Show has been presented
Bargarh	Rain rooster Poultry	Field day, Training	2	75	Attended by line Department officers

Bargarh	Sugarcane bud chipper	Training	1	25	Attended by line Department officers
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3.7 Details of FLD on crop hybrids.

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

4. Feedback System

4.1. Feedback of the Farmers to KVK

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption
Bargarh	Spraying 2 % urea @ 45 DAS and 55DAS, Spraying Sectin (Fenamidone 10 + Mancozeb 50 WDG) 60 WG @ 600 gm/acre after appearance of the disease during 2 nd fortnight of February in Potato	Field visit	Improves crop growth and enhances tuber production.	6 villages 35 farmers in an area of 10 ha

Bargarh	Spraying of chloropyriphos 1.5 DP @ 25 Kg/ha during final land preparation. Proper earthing up, regular irrigation and spraying of chloropyriphos 20EC@ 20ml/lit after appearance of the insect in Sugarcane.	Field visit, Group discussion	Deeping sugarcane sets in cow dung slurry mixed with chloropyriphos kills white grubs present in soil and attacking sugarcane sets.	Spread in 4 villages by 17 farmers in an area of 15 ha
Bargarh	Spraying of new generation pesticide Denotifuran 20 SG for control of BPH in Kharif Paddy	Group meeting and individual contact	Controls BPH by one spray only	Nearby 10 villages involving 500 farmers in an area of 350 ha.
Bargarh	Spraying of Malathion 50 EC @ 2.5 ml/lit	Palli sabha	Saves foliage for longer period from attack of Epilachena beetle and gives extra yield	Nearby 7 villages involving 62 farmers in an area of 35 ha
Bargarh	Preparation of watermelon Squash by addition of 750 gm sugar with 1 lit watermelon juice with 5 gm of citric acid and 2 gm of potassium metabisulphite	Method demonstration , Group discussion	Far m women could able to an extra money and water melon juice can be available throughout the year	4 SHG of 3 villages are interested for this technology
Bargarh	Supplementation of vitamin-mineral mixture @ 30gm / day improve the health of cow and milk yield	Training, interaction	The milk yield is substantially increased to 22%	26 Dairy keepers of nearby 5 villages are adopted this

Bargarh	Rearing and feeding management along with vaccination of rainbow rooster poultry	Group discussion, Field day, Training	This breed of poultry is gaining rapid growth and egg laying capacity is more than the local.	42 poor women of nearby 6 villages are interested for this breed.
Bargarh	Use of sugarcane bud chipper for cutting of sets, working capacity -250 Nos of buds/hr	Training, Method demonstration	Working output is more and drudgery is reduced, The loss of mileable sugar cane is also reduced.	33 sugarcane growers of 6 villages are interested for this equipment.
Bargarh	Decortication of mahua seeds done by mahua seed decorticator having weight 14-15 kg made up of mild steel and wooden bar	Method demonstration, Training	Time money and labour can be saved by using this equipment	38 farm women of 4 villages are interested for this
Bargarh	Var. Ceracole, Seedling treatment with Bavistin@2gm/lit, spacing at 45X30 cm	Training, Field Day	It can be grown throughout the year	8 farmers of 3 villages are interested to grow this variety in commercial basis
Bargarh	Cutting of rice straw into 2-3 inches size, sterilization of straw in hot water, scientific method of bed preparation in polythene. Harvesting, grading and packaging practices	Training, G.D. Method of demonstration.	It can replace paddy straw mushroom in winter and more testier than oyster	22 farm women of 5 villages are interested for this
Bargarh	Stripping of groundnut done by groundnut stripper, overall dimension in mm 690X690X200	Method demonstration, Training	Time money and labour can be saved by using this equipment	46 farmers 7 villages interested for this

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Bargarh	Public demand, disussion at district level meeting,SAC&ZREAC

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
Bargarh	Farmer&farmwomen	PRA,group meeting	05.06.2014,12.07.2014,08.08.2014,07.09.2014 Bandhapalli.Sarkanda,jartla,Nagaon,Narangpur	450
Bargarh	Rural youth	Pallisabha,Questionaries	11.06.2014,21.08.2014,23.10.2014,28.12.2014 Ghugurapalli, ludupalli,gartiapalli,	230
Bargarh	Inservice	Workshop,strategy meeting	05.05.2014,11.10.2014,4.12.2014	150

Abbreviation Used

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

5. TRAINING PROGRAMMES

1. Training programmes should be strictly covered under above mentioned thematic areas only,
2. For category, training type and thematic area, mention code/abbreviations only

Table 5.1. Details of Training programmes conducted by the KVKs

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Bargarh	FW	OFC	CRP	Improved cultivation technology of Red gram	1	1	0	0	0	0	4	0	21	0
Bargarh	FW	OFC	CRP	Improved cultivation practices of groundnut	1	1	0	0	0	0	19	0	6	0
Bargarh	FW	OFC	CRP	Crop diversification in rainfed upland	1	1	0	0	0	0	2	0	23	0
Bargarh	FW	OFC	CRP	Integrated farming system	1	1	0	0	0	0	0	0	25	0
Bargarh	FW	OFC	CRP	Intercropping in upland crops	1	1	1	0	0	0	0	0	24	0
Bargarh	FW	OFC	CRP	IPM in pigeon pea	1	1	0	0	0	0	1	0	24	0
Bargarh	IS	OFC	PLP	Biological control of crop pest	1	2	1	0	1	1	2	0	16	4
Bargarh	FW	OFC	CRP	Cultivation technology of Rabi pulses	1	1	1	0	3	0	0	0	21	0
Bargarh	IS	OFC	PLP	Recent advances in implementable pest management technologies	1	2	0	0	0	0	3	0	21	1
Bargarh	FW	OFC	CRP	Improved cultivation practices of Rabi Groundnut	1	1	0	0	4	0	3	0	18	0
Bargarh	IS	OFC	PLP	New frontiers of pest managements technologies against insect pest attacking pulse crops	1	2	0	1	0	0	4	1	14	5
Bargarh	FW	OFC	CRP	Improved cultivation practices of cowpea	1	1	0	0	0	0	5	0	20	0

Bargarh	FW	OFC	CRP	Cultivation practices of cowpea and greengram	1	1	0	0	0	0	2	0	23	0
Bargarh	FW	OFC	CRP	Improved cultivation practices of mustard	1	1	0	0	0	0	7	0	18	0
Bargarh	FW	OFC	HOV	Method of raising vegetable seedlings	1	1	0	0	0	0	1	0	24	0
Bargarh	FW	OFC	HOV	Production technology of tuber crops	1	1	0	0	0	0	0	0	19	6
Bargarh	FW	OFC	PLP	Pre-sowing pest and disease management techniques in field crops	1	1	0	0	4	0	8	0	13	0
Bargarh	FW	OFC	PLP	Management of store grain pests	1	1	0	0	2	0	4	0	19	0
Bargarh	FW	OFC	PLP	IPDM for Cotton	1	1	0	0	0	0	1	0	24	0
Bargarh	FW	OFC	PLP	Management of leaf defoliators in groundnut & Greengram	1	1	0	0	2	0	2	0	21	0
Bargarh	FW	OFC	PLP	Integrated pest management for Sugarcane	1	1	0	0	0	0	0	0	25	0
Bargarh	FW	OFC	PLP	Biointensive insect pest and disease management of agricultural crops	1	1	0	0	0	0	0	0	25	0
Bargarh	FW	OFC	PLP	Management of aphid in cowpea	1	1	0	0	3	0	0	0	22	0
Bargarh	FW	OFC	PLP	Relatively eco-safe and IPM favorable modern generation pesticides and their use in field and vegetable crops	1	1	0	0	3	0	0	0	22	0
Bargarh	FW	OFC	PLP	IDM for wilt management in ginger	1	1	0	0	0	0	0	0	25	0

Bargarh	FW	OFC	PLP	Cultural practices as a door step for pest control	1	1	0	0	4	0	1	0	4	16
Bargarh	FW	OFC	PLP	IPM for pointed gourd	1	1	0	0	2	0	2	0	21	0
Bargarh	FW	OFC	PLP	Application of microbes for management of vegetable crops	1	1	0	0	5	0	4	0	8	8
Bargarh	RY	ONC	PLP	Preparation for sprayable formulation from cow urine	1	2	0	0	0	0	0	0	15	0
Bargarh	FW	ONC	PLP	IDM In banana	1	1	0	0	1	0	0	0	24	0
Bargarh	FW	OFC	PLP	Wilt management of tomato	1	1	0	0	1	0	0	0	24	0
Bargarh	FW	OFC	PLP	IPDM for Rabi pulses	1	1	0	0	1	0	2	0	22	0
Bargarh	FW	OFC	PLP	Pest management strategies for organic crop production	1	1	0	0	0	0	1	0	24	0
Bargarh	FW	OFC	PLP	Biological pest control for Rabi paddy	1	1	0	0	0	0	0	0	25	0
Bargarh	FW	OFC	PLP	IPM for watermelon	1	1	0	0	3	0	5	0	17	0
Bargarh	RY	ONC	PLP	Lac culture for income generation	1	2	0	0	0	0	0	0	15	0
Bargarh	FW	OFC	PLP	Use of biobotanicals for control of rice pests	1	1	0	0	0	0	0	0	25	0
Bargarh	FW	OFC	WOE	Cultivation techniques of tuber crops in kitchen garden	1	1	0	0	0	0	0	20	0	5
Bargarh	FW	OFC	WOE	Value addition of water melon	1	1	0	0	0	0	0	20	0	5
Bargarh	FW	OFC	WOE	Use of small agricultural implements for drudgery reduction	1	1	0	0	0	0	0	1	0	24
Bargarh	FW	OFC	WOE	Cultivation techniques and uses of hybrid napier	1	1	0	0	0	0	0	1	0	24
Bargarh	FW	OFC	WOE	Value addition of lemon	1	1	0	0	0	0	0	1	0	24
Bargarh	FW	OFC	WOE	Raising of vegetable seedlings in nursery	1	1	0	0	0	0	0	0	0	25
Bargarh	RY	ONC	WOE	Paddy straw mushroom cultivation for income generation	1	2	0	0	0	0	0	0	0	15
Bargarh	FW	OFC	WOE	Techniques of paddy straw mushroom cultivation	1	1	0	0	0	0	0	2	0	23

Bargarh	FW	OFC	WOE	Planning layout and crop rotation in kitchen garden	1	1	0	0	0	0	0	4	0	21
Bargarh	FW	OFC	WOE	Storage of cereal & pulses by use of ITKs	1	1	0	0	0	14	0	5	0	6
Bargarh	FW	OFC	WOE	Value addition to tomato	1	1	0	0	0	0	0	21	0	4
Bargarh	RY	ONC	WOE	Cultivation technology of marigold for income generation	1	2	0	0	0	0	0	0	0	10
Bargarh	RY	ONC	WOE	Preparation of vermicompost unit For self employment	1	2	0	0	0	0	0	0	0	15
Bargarh	FW	OFC	WOE	Use of azolla as supplementary feed stuff for milch cows	1	1	0	0	0	0	0	6	0	19
Bargarh	FW	OFC	WOE	Use of agricultural tools related to rice cultivation practices for drudgery reduction	1	1	0	0	0	8	0	11	0	6
Bargarh	FW	OFC	WOE	Rearing management of dual purpose poultry bird in backyard	1	1	0	0	0	0	0	3	0	22
Bargarh	FW	OFC	WOE	Techniques of oyster mushroom cultivation	1	1	0	0	0	0	0	3	0	22
Bargarh	RY	ONC	WOE	Oyster mushroom cultivation for additional income	1	2	0	0	0	0	0	3	0	12
Bargarh	IS	OFC	WOE	Balanced diet for pregnant women	1	1	0	0	0	2	0	0	0	13
Bargarh	FW	OFC	WOE	Value addition to mango	1	1	0	0	0	1	0	0	0	24
Bargarh	FW	OFC	WOE	Value addition to milk	1	1	0	0	0	0	0	0	0	25

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	
Bargarh	Maintenance of agricultural plant protection implements	Enterprise	Small scale income generation	5	0	0	1	0	0	0		9	0

Bargarh	Value addition to fruits and vegetables	Enterprise	Small scale income generation	5	0	0	0	0	0	0	2	0	8
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Table 5.3. Details of training programme conducted for livelihood security in rural areas by the KVKs

Name of KVK	Training title	Self employed after training			Number of persons employed elsewhere
		Type of units	Number of units	Number of persons employed	

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	

Bargarh	Improved cultivation technology of Red gram	25	17	21	6.5	10.3	9400	16000	1. 80 2. 140 3. 23%, 58% 70%
Bargarh	Improved cultivation practices of groundnut	25	9	16	9.2	11.8	48000	58500	1. 44 2. 62 3. 43%, 28%, 21%
Bargarh	Crop diversification in rainfed upland	25	12	21	9.5	13	13000	18000	1.121 2. 230 3.75%, 36%, 38%
Bargarh	Integrated farming system	25	14	24	102	142	12450	29600	1. 17 2. 30 3. 71%, 39%, 137%
Bargarh	Intercropping in upland crops	25	12	23	5.6	8.5	7000	12500	1. 210 2. 400 3.91%, 51%, 78%
Bargarh	IPM in pigeon pea	25	19	27	6.7	10.6	9600	16700	1.120 2. 150 3.42%, 58%, 73%
Bargarh	Biological control of crop pest	25	13	19	39	48	9500	12700	1. 250 2. 420 3. 46%, 23%, 33%
Bargarh	Cultivation technology of Rabi pulses	25	11	27	6.3	8.2	9800	16300	1.109 2. 170 3.54%, 30%, 66%
Bargarh	Recent advances in implementable pest management technologies	25	27	35	48	87	10600	14700	1.130 2. 200 3.81%, 38%, 30%
Bargarh	Improved cultivation practices of Rabi Groundnut	25	21	33	12.8	20.3	20000	36000	1.57 2. 100 3.57%, 58%, 80%
Bargarh	New frontiers of pest managements technologies against insect pest attacking pulse crops	25	15	23	5.9	8.2	9300	14600	1.90 2. 140 3.53%, 38%, 56%

Bargarh	Improved cultivation practices of cowpea	25	17	28	4.2	7.3	5000	8300	1.45 2. 98 3.64%, 73%, 60%
Bargarh	Cultivation practices of cowpea and greengram	25	19	31	4.6	7.9	8700	12600	1.40 2. 102 3.63%, 71%, 84%
Bargarh	Improved cultivation practices of mustard	25	19	34	6.3	11.4	9500	17600	1.70 2. 203 3.785, 80%, 85%
Bargarh	Method of raising vegetable seedlings	25	20	30	126	217	46000	87000	1.12 2. 56 3.50%, 72%, 89%
Bargarh	Production technology of tuber crops	25	19	25	117	178	19000	35000	1.25 2. 40 3.31%, 52%, 84%
Bargarh	Pre-sowing pest and disease management techniques in field crops	25	18	29	11.3	15.7	14000	22000	1.340 2. 410 3.61%, 38%, 57%
Bargarh	Management of store grain pests	25	14	26	43	47	7000	10000	1.100 2. 280 3.85%, 9%, 30%
Bargarh	IPDM for Cotton	25	11	24	11.5	14.7	14500	20000	1.90 2. 150 3.27%, 27%, 37%
Bargarh	Management of leaf defoliators in groundnut & Greengram	25	17	28	10.3	14.2	15000	21000	1.270 2. 340 3.64%,37%,40%
Bargarh	Integrated pest management for Sugarcane	25	16	24	1000	1260	17000	24000	1.60 2. 75 3.50%, 26%, 41%

Bargarh	Biointensive insect pest and disease management of agricultural crops	25	19	31	46	54	12000	20000	1. 20 2. 40 3. 63%, 17%, 66%
Bargarh	Management of aphid in cowpea	25	15	27	4.9	7.3	6800	12000	1. 30 2. 55 3. 80%, 48%, 76%
Bargarh	Relatively eco-safe and IPM favorable modern generation pesticides and their use in field and vegetable crops	25	16	25	140	190	40000	65000	1. 90 2. 150 3. 56%, 35%, 62%
Bargarh	IDM for wilt management in ginger	25	19	29	120	170	60000	85000	1. 40 2. 102 3. 52%, 41%, 41%
Bargarh	Cultural practices as a door step for pest control	25	15	25	40	46	12000	16000	1. 130 2. 180 3. 66%, 15%, 33%
Bargarh	IPM for pointed gourd	25	14	23	120	156	56000	72000	1. 55 2. 77 3. 64%, 30%, 28%
Bargarh	Application of microbes for management of vegetable crops	25	17	26	130	178	39000	56000	1. 210 2. 315 3. 64%, 36%, 43%
Bargarh	Preparation for sprayable formulation from cow urine	15	23	31	46	52	12000	17000	1. 45 2. 47 3. 34%, 13%, 41%

Bargarh	IDM In banana	25	27	40	100	120	43000	56000	1. 20 2. 25 3.48%,20%,30%
Bargarh	Wilt management of tomato	25	26	45	180	230	62000	84000	1. 95 2. 150 3.73%,27%, 35%
Bargarh	IPDM for Rabi pulses	25	39	53	8.3	12.1	20000	31000	1.170 2. 300 3.35%, 45%, 55%
Bargarh	Pest management strategies for organic crop production	25	19	25	120	156	63000	85000	1.300 2. 450 3. 31%, 30%, 34%
Bargarh	Biological pest control for Rabi paddy	25	17	23	49	56	13000	21000	1.380 2. 410 3. 35%, 14%, 61%
Bargarh	IPM for watermelon	25	18	35	160	210	60000	82000	1.43 2. 66 3.94%, 31%, 36%
Bargarh	Lac culture for income generation	15	14	23	13.5	21.5	40000	56000	1.2 2. 7 3.64%, 59%, 65%
Bargarh	Use of biobotanicals for control of rice pests	25	27	37	55	59	17000	25000	1. 327 2. 470 3. 37%, 7%, 47%
Bargarh	Cultivation techniques of tuber crops in kitchen garden	25	46	64	120	180	70000	104100	1. 4 2. 16 3. 39%, 20%, 31%
Bargarh	Value addition of water melon	25	13	21	-	-	800	1300	1.3 2. 14 3.61%, -, 62.5%
Bargarh	Use of small agricultural implements for drudgery reduction	25	17	23	-	-	13000	18000	1.8 2. 38 3.35%, -, 38%
Bargarh	Cultivation techniques and uses of hybrid napier	25	16	23	156 lit/month	85 li/month	1650	2000	1.4 2. 22 3.43%, 18%, 21%

Bargarh	Value addition of lemon	25	18	22	-	-	2500	4250	1.4 2. 14 3. 22%, -, 70%
Bargarh	Raising of vegetable seedlings in nursery	25	41	62	6500	10000	2100	3500	1.8 2. 24 3.51%,35%,66%
Bargarh	Paddy straw mushroom cultivation for income generation	15	36	52	-	1.3 kg/bed	-	3700	1.6 2. 48 3.44%,100%, 100%
Bargarh	Techniques of paddy straw mushroom cultivation	25	38	54	-	1.25 kg/bed	-	3600	1.7 2. 49 3.42%,100%,100%
Bargarh	Planning layout and crop rotation in kitchen garden	25	48	62	220	280	85000	109600	1.7 2. 32 3. 29%,27%,29%
Bargarh	Storage of cereal & pulses by use of ITKs	25	46	63	8.2	9.1	29000	32600	1.12 2. 64 3.36%,10.9%,12%
Bargarh	Value addition to tomato	25	16	21	-	-	1000	2400	1.4 2. 14 3.31%,-,140%
Bargarh	Cultivation technology of marigold for income generation	15	39	52	102	135	200000	270000	1.6 2. 14 3. 33%, 32%, 35%
Bargarh	Preparation of vermicompost unit For self employment	15	23	30	-	5.7	-	3990	1.7 2. 32 3.30%,100%,100%
Bargarh	Use of azolla as supplementary feed stuff for milch cows	25	14	18	210 lit/month	240 lit/month	2500	3600	1.5 2. 18 3.28%, 14%, 44%

Bargarh	Use of agricultural tools related to rice cultivation practices for drudgery reduction	25	24	32	-	-	38000	44000	1.12 2. 64 3.33%,-, 15.7%
Bargarh	Rearing management of dual purpose poultry bird in backyard	25	41	62	1.75 kbw 55 eggs	4.2 kbw 170 eggs	6250	14680	1.14 2. 112 3. 51%, 140%, 134%
Bargarh	Techniques of oyster mushroom cultivation	25	20	38	-	2.2 kg/bed	-	8800	1.6 2. 20 3.90%, 100%, 100%
Bargarh	Oyster mushroom cultivation for additional income	15	33	42	2.2 kg/bed	2.6 kg/bed	4100	5700	1.6 2. 20 3.27%,18%,39%
Bargarh	Balanced diet for pregnant women	15	44	52	-	-	0	0	1.12 2. 65 3.40%
Bargarh	Value addition to mango	25	38	54	-	-	2600	4500	1.14 2. 72 3.42%, -, 73%
Bargarh	Value addition to milk	25	43	64	-	-	2800	4000	1.12 2. 52 3.48%,-,-42%

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			
Bargarh	Field Day	12	7	139	86	82	32	7	4	Popularisation of location specific technologies	Performance assessment of crop and live stocks	harvesting
Bargarh	Kisan Mela	2	1	153	77	85	24	18	3	Creating awareness	new technologies	Bootleaf stage
Bargarh	Kisan Ghosthi	6	8	67	14	27	8	3	1	Group approach	Income generating activities	Sowing time

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			
Bargarh	Exhibition	2	2	13330	682	573	328	64	23	Exhibit proven technologies	Farm machinarie, value added product	Harvesting stage
Bargarh	Film Show	20	17	192	114	93	42	28	6	Enhancement of knowledge	Organic farming, Protected cultivation	Tillering stage
Bargarh	Method Demonstrations	10	8	81	38	21	12	4	2	Skill development	Preparation of value added products	Flowering
Bargarh	Farmers Seminar	8	3	25	14	13	8	3	2	Solving the queries	Income generation activities	Sowing time
Bargarh	Workshop	4	2	27	2	9	4	5	1	Capacity building	Farm mechanisation	Tillering stage
Bargarh	Group meetings	10	12	96	26	38	14	8	6	Privatise the problem	Seed availability, disease pest incidence	Transplanting
Bargarh	Lectures delivered as resource persons	15	14	182	57	78	12	8	8	Knowledge enhancement	Crop diversification	workshop
Bargarh	Newspaper coverage	4	4	Mass						Popularisation of KVK technologies	Achievement of KVK	Special day
Bargarh	Radio talks	6	4	mass						Mass approach	Awareness regarding ecofriendly technologies	Milking stage
Bargarh	TV talks	8	8	Mass						Popularisation of trial technologies	Income generating activities	Pod development stage
Bargarh	Popular articles	4	4	838	302	618	222	18	9	Knowledge enhancement	Information regarding IPM, INM, Cultivation technology	Pulse crop
Bargarh	Extension Literature	4	2	537	132	216	96	12	7	Change of knowledge, attitude	Achievement of KVK	land preparation
Bargarh	Farm advisory Services	120	125	64	32	19	5	-	-	Seeking solution for	Protected cultivation,	Through out the

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			
										instant problem	Livestock management	year
Bargarh	Scientific visit to farmers field	116	132	325	141	182	106	6	4	Monitoring and evaluation	Productivity assessment	Seedling stage, Maturing stage
Bargarh	Farmers visit to KVK	400	426	164	112	101	149	-	-	Demo unit visit	Crop cafetaeria, vermicompost and mushroom demo unit	Growing stage
Bargarh	Diagnostic visits	36	32	36	16	32	10	6	2	Diagnosis of field problem	Incidence of disease and pests	Tillering stage
Bargarh	Exposure visits	1	0									
Bargarh	Ex-trainees Sammelan	2	2	28	4	12	3	2	1	Impact Analysis	Income generating activities	Post harvest time
Bargarh	Soil health Camp	1	2	56	22	8	10	3	1	Awareness	Testing of pH of soil and use of balanced dose of fertilizer	Ploughing stage
Bargarh	Animal Health Camp	1	0									
Bargarh	Agri mobile clinic	-	0									
Bargarh	Soil test campaigns	1	2	56	22	8	10	3	1	Awareness	Testing of pH of soil and use of balanced dose of fertilizer	Ploughing stage
Bargarh	Farm Science Club conveners meet	10	10	128	0	38	0	8	0	Skill and knowledge development	Off season fruit and vegetable cultivation	Pre sowing
Bargarh	Self Help Group conveners meetings	8	8	-	76	-	21	-	8	Capacity building	Adoption of small scale homestead enterprise	Post harvest
Bargarh	Mahila Mandals conveners meetings	2	2	-	21	-	7	-	2	Women empowerment	Mushroom growers	cultivation

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			
Bargarh	Celebration of important days	3	3	68	16	33	22	7	4	Significance of important days	Akshya Trito, World food day, Women in agriculture day	Sowing, flowering, grainfilling

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
Bargarh	12.8.2014	Quarterly	500	500
Bargarh	21.1.2015	Quarterly	500	500

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Bargarh	Booklet (Odia)	Baigyanika padhatire harada chasa	Dr. M.K Tripathy	500
Bargarh	Booklet (Odia)	Muga O biri phasalare roga o poka niyantrana	Sri. N.C Barik	500
Bargarh	Booklet (Odia)	Byabasayika Gendu phula chasa	Smt. S. Sahu	500
Bargarh	Booklet (Odia)	Gokhadya pain maka o baragudi chasa	Dr. M . K Tripathy, Smt. S. Sahu, Sri. N.C Barik	500
Bargarh	Research publication	Rhizome rot disease in ginger .. a challenge to farmers of Bargarh district, Nation Symposium on Management options for enhancing farm productivity and livelihood security under changing climate	Sri. N.C Barik & Dr. M.K Tripathy	300

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.)
Bargarh	Cereals	Paddy	MTU 1010	122	284260-	160	200-
Bargarh	Cereals	Paddy	Lalat	313.8	718602	563	480
Bargarh	Cereals	Paddy	CR-Borodhan-2	100.6	225794	184	133
Bargarh	Cereals	Paddy	Ranidhan	134.8	325003	210	190
Bargarh	Cereals	Paddy	CR-Borodhan-2	Harvested			
Bargarh	Cereals	Paddy	Lalat	Harvested			
Bargarh	Pulse	Pigeon pea	Asha	7.3	50596	60	70
Bargarh	Pulse	Black gram	PU-31	3.3	22750	25	13
Bargarh	Oilseed	Groundnut	Smruti	14.6	88666	20	15
Bargarh	Oilseed	Sesamum	Prachi	Harvested			

8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Bargarh	Vegetables	Tomato	Utkal raja	2400	1200	22	0.12
Bargarh	Vegetables	Brinjal	VNR 218	400	200	4	0.02
Bargarh	Vegetables	Chilli	Utkal Ava	600	300	4	0.03
Bargarh	Vegetables	Drum stick	PKM-1	80	400	4	0.4
Bargarh	Fruit	Papaya	Red lady	120	1440	4	0.4
Bargarh	Spice	Onion	Red ball, Bheema super, AFDR, AFLR, N-53, Black beauty	102000	25500	9	1.4

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.)
Bargarh	Bio Agents	Vermicompost	5956	-	41697	35	12
	Bio Agents						
	Bio Fertilizer						
	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
Bargarh	Poultry	Rainbow rooster	Chick	500	25000	43

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)
Bargarh	Running	2004-05	NPK, Organic carbon, pH, EC etc	60	60	11	0	60

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)
Bargarh	Nil							

12. Utilization of Staff Quarters facilities

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
Bargarh	1995	1998	-	-	Inhabitable condition

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Bargarh	23.7.2014	26	<ol style="list-style-type: none"> 1. Minimum 2000 farmers should be register under KMAS service. 2. Replace 10 year paddy varieties in seed production programme and other programmes. 3. Performance of greengram variety <i>Kadua</i> and <i>Chikini</i> are be studied. 4. Groundnut area should be expanded near farm ponds to avoid difficulties during harvesting. 5. Economics of ridger type paddy transplanter is to be studied. 6. Popularisation of Soyabean as intercrop in Cotton. 7. Replace soil drenching chemical copper oxychloride by bavistin. 8. For management of <i>Spodoptera litura</i> in groundnut Profenphos 50 EC is to be taken instead of Dichlorovos 76 EC.

			<ol style="list-style-type: none"> 9. The dose of Chloropyriphos for management of Sugarcane white grub to be taken as 5 ml/lit. 10. Popularisation of drumseeder with specific spacing. 11. SMS (PP) and SMS (HS) should work together for increasing productivity and value addition of watermelon. 12. The strategy for management of Rhizome rot in ginger is to be disseminated. 13. Cultivation of castor crop as border crop in cotton is to be popularize. 14. Feeder museum is to be developed in KVK, campus. 15. Assessment of Mohua seed Decorticator for drudgery reduction is to be made through women interest groups. 16. Popularization of sweet corn in the district. 17. Varietal trial of oyster mushroom through hypsizygous ulmarius 18. Popularisation of calcium supplement with vitamin and mineral mixture 19. Performance of groundnut stipper for drudgery reduction.
Bargarh	19.2.2015	21	<ol style="list-style-type: none"> 1. Promotion of soybean cultivation in the district as sole crop and inter crop with sugarcane and cotton. 2. Experiment of performance of greengram variety <i>Kadua</i> and <i>Chikini</i> are be taken during Kharif 2015. 3. Replace present sugarcane varieties with varieties with high sucrose content and resistant to red rot disease. 4. Technology for management of rhizome rot in ginger disseminated through mass media and publications. 5. FLD on management of <i>Spodoptera litura</i> in groundnut by using Profenphos 50 EC is to be repeated. 6. Performance of integrated farming system should be highlighted. 7. Cultivation of castor crop as border crop in cotton is to be popularized by taking seeds from castor breeder RRTTS, Bhawanipatna. 8. Feeder museum is to be developed in KVK, campus. 9. Repeat OFT on assessment of Mohua seed Decorticator for drudgery reduction is to be made through women interest groups.

			<p>10. Popularization of sweet corn and baby corn in the district.</p> <p>11. Popularisation of farming system at least 12 villages of the district i.e 1 village per block by help of line departments</p> <p>12. Drop OFT on tissue culture banana.</p> <p>13. Develop 2 villages in the district by help of KVK and line department.</p> <p>14. Emphasis should be given on promotion of non-paddy crops in uplands.</p> <p>15. Popularisation of oyster mushroom through hypsizygous ulmarius.</p> <p>16. Popularisation of calcium supplement with vitamin and mineral mixture.</p> <p>17. Importance should be given on popularisation of small tools among farm women</p> <p>18. SWOT analysis should be done for all 12 blocks of the district.</p> <p>19. Develop farmers promoters in the district.</p> <p>20. Work along with all line departments including NABARD for up-liftment of tribals and promotion of horticultural crops</p>
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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.		
Bargarh	123	1725	34	Farmers portal	IPM, INM, Use of bio agents, value addition, drudgery reduction, ICM, Livestock management, weather etc

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
Bargarh	ATMA	State	40000	Technological	Attabira, Bhatli, Bijepur,	

				verification trial-five, Farmers-scientist interaction-two, Field days-four	Ambabona,	
Baragrh	BGREI	State	161500	Monitoring paddy demonstrations in 12 blocks both during Kharif and rabi season	Attabira. Bheden, Shohella, padmpur Gaisilot, Bhatli, Paikamal. Bijepur, Jharbandh, Ambabona, Barpalli & Bargarh	
Bargarh	NABARD	State	10000	Farmers fair	M. Gandapalli	

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Bargarh	30163765041	341862	22133	22133

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Bargarh	1	Best farmer of the district	OUAT, Bhubaneswar	0

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.)
1	Bargarh	Yes	ZPD, DES

b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
Bargarh	Crop Cafeteria	Tomato, Ridge gourd, brinjal, Cucumber, Khada, Bitter gourd, Okra, Chilli, Pumpkin
Bargarh	Technology Desk	
	Visitors Gallery	
	Technology Exhibition	
	Technology Gate-Valve	

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1	Crop diversification in upland	Groundnut,Pigeon pea,Mango, Blackgram,Marigold, , Sesamum
2	Horticultural crop	Brinjal,Cucumber,Ridge gourd,Okra,Pumpkin Greens(Leutia), Tomato

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	Bargarh	Saroj Kumar Bhoi	Hybrid paddy seed producer	At-Bandhapalli, Po-Ghens, Block-Sohela, Dist-Bargarh Mobile No-9937119971
2	Bargarh	Nilakantha Saha	IFS	At/po-Bhatli, Block-Bhatli, Dist-Bargarh Mob-9178235849
3	Bargarh	Dileswari Nayak	Rainbow rooster breed of Poultry rearing	At-Sardhapalli, Po-Badmal, block-Bhatli, Dist-Bargarh Mob-9937789714
4	Bargarh	Bharat Kumar Nayak	Line sowing of Blackgram cultivation	At—Ghugurapalli, Po-Block-Ambabana, Dist-Bargarh Mob-8018738607
5	Bargarh	Mirabai Dandsena	Marigold cultivation	At/po-Bhatli, Block-Bhatli, Dist-Bargarh Mob-9090437252
6	Bargarh	Santosh Kumar Gartia	Intercropping of pigeon pea in groundnut	At-Mahulapalli, Po-Badipata, block-Paikamal, Dist-Bargarh Mob-9938909025
7	Bargarh	Duryodhan Meher	SRI method of paddy cultivation	At-T. Gandapali, Po-Kharmunda, block-Bijepur, Dist-Bargarh Mob-8018693733
8	Bargarh	Pruthibiraj Mahapatra	Groundnut cultivation	At-Narangapur, po-Bichua, Block-Bhatli, Dist-BargarhMob- Mob-9178471197
9	Bargarh	Subrat Sahu	SSI on sugarcane	At-Nagaon, po-Garvana, Block-Sohela, Dist-Bargarh Mob-9777657423
10	Bargarh	Malaya Barik	Drip irrigation in banana	At-patrapalli, Po-Nuagada, Block-Bhatli, Dist-BargarhMob- 8763148414

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	7.11.2014	25

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Bargarh	6	6	37	76

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.
Bargarh	Sambalpur, Sonepur	Manpower, machinery , critical inputs	Rearing of fingerlings

24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Bargarh	Prof. S.S. Nanda	1.10.2014		OUAT, Bhubaneswar		Beautification of campus
Bargarh	Prof. S.S. Nanda	19.2.2015		OUAT, Bhubaneswar		Proper inspection of boundary wall construction

25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	Bargarh	April 2011	126	4122

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			
Bargarh							

27. Status of RTI

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

28. Status of Citizen Charter

Sr. No.	Name of KVK	Query received(Nos)	Query Disposed(Nos)	Remarks
1	Bargarh	0	0	0

29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Bargarh	Sri M.K Sahu	Prog. Asst. (Comp)	1	Managing IT projects in KVK
	Total		1	

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Bargarh	1	1

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Bargarh	Smt. Susrita Sahu	SMS(HSc)	Recent advances in Home science, Animal science and Fishery science for rural development	Knowledge on ragi miller
Bargarh	Sri N.C Barik	SMS(PP)	Appropriateness of different farm technologies in Plant protection, Horticulture, Forestry and Ag.	Use of fruitfly trap in cucumber

			Engg. sectors	
Bargarh	Sri M.K Sahu	Prog. Asst. (Comp)	Development of competency in computer related work in KVK System	Details on online reporting
Bargarh	Sri K.M Biswal	Farm manager	Appropriateness of different farm technologies in Plant protection, Horticulture, Forestry and Ag. Engg. sectors	Pond based farming system
Bargarh	Sri S. K jally	Steno comp. operator	Development of competency in computer related work in KVK System	Timely reporting & proper documentation

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Bargarh	5	5

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
Bargarh	Lectures organized	5	50	Tuber crops
Bargarh	Film show	4	80	Protected cultivation, Off season vegetable cultivation,
Bargarh	Farm Visit	1	18	Paddy, groundnut, mushroom, vermicompost, Poly house
Bargarh	Diagnostic visit	1	8	BLB in Paddy
Bargarh	Distribution of Literature (No.)	6	500	News letter & Booklet
Bargarh	Distribution of Planting materials (No.)	1000	40	Vegetable seedlings
Bargarh	Total number of farmers visited the technology week		700	

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

Verns Produced

Name of KVK	Verns 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

Pointed gourd cultivation pointed out progressive farmer

Introduction - The philosophy and ideas of IPM are now widely accepted in the political and scientific arena, still the practical implementation of IPM is very poor especially in the case of pointed gourd in the village Dadangapali of Bargarh district.

KVK Intervention - So keeping this view in the mind KVK, Bargarh insisted a young dynamic farmer Sri Bruhaspati Padhan of that village to grow pointed gourd in a scientific manner. Before that he is growing pointed gourd of local variety in conventional method which frequently intested by Epilachena beetle and other fungal diseases. Therefore he was getting low yield leads to very low income. To overcome this KVK advised him to cultivate OUAT released var. Swarna Alaukik with male and female planting materials in 9:1 ratio in single line trailing system. Through field visit he was suggested to follow field treatment, planting material treatment, recommended doses of fertilizer with controlled irrigation. He sprayed Malathion 50E.C.@2.5ml/litr twice at 90 and 100DAS and collected & destructed larvae from affected leaves especially to control Epilachena beetle through FLD.

Output - Following this above technology he got an yield of 80quintal /acre from which he earned a net profit of Rs. 82,000/-. He purchased a motor bike out that profit through which he transports the vegetables to the market.

Impact - He is now become a leading farmer for all other pointed gourd cultivators of nearby 4 villages. Now the technology has been spread up to 45 acres covering 29 farmers.



White gold enlighten the farmers status

Introduction -Cotton is a major commercial crop in the rainfed upland regions of Bargarh district especially in block of Paikamala, Padampur, Gaisilat. The farmers were getting poor yield due to traditional cultivation practices and poor management practices of pest and diseases.

KVK Intervention -Through field visit by discussion with cotton growers, KVK has taken a combating step into this in the village of Karichuan. An enthusiastic farmer Indrajit Bariha has been insisted to follow seed treatment @3g. thiram/kg. of seed, border crop as castor and integrated nutrient management @80:40:40 NPK/ha., Spraying of Emamectin benzoate 5%SG @ 200gm/ha twice at 10 days interval to manage American Bollworm, the serious pest of cotton.

Output - By adopting this, the crop attend very luxuriant growth and produced more as much as 65no of balls/plant. He obtained on yield of 18 quintal /ha with a net profit of Rs14000/ha.

Impact - This inspired many other farmers of the nearby area to go for cotton cultivation.



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

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) –

<p>Improved production technology of pigeon pea (Arhar)</p>	<p>TRAINING TO FARMER & FARM WOMEN</p>	<p>Management of ABW in cotton</p>
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Management of late blight disease in potato



Controlling Spodoptera litura in Groundnut



Mahua seed decorticator for drudgery reduction



Marigold Cultivation



Farmer's fair & Exhibition



SAC MEETING

**Programme Coordinator
KVK, Bargarh**