

ANNUAL PROGRESS REPORT

April 2015 to March 2016

KVK Baragarh

Odisha

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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 2015 to March 2016
Summary of KVK Annual Report (Quantifiable Achievement) for the year 2015-16

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	18	226	
	On Going OFT	5	65	
	Technologies assessed (Completed OFT)	13	161	
	Technologies refined	-	-	
	On farm trials conducted	18	226	
2	Frontline demonstrations			
	Proposed Frontline demonstrations	18	220	
	On Going Frontline demonstrations	2	23	
	FLDs conducted on crops	13	155	
	Area under crops (ha.)	18.5	155	
	FLD on farm implement and tools	3	39	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	-	-	
	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.)	4	52	
3	Training Programmes	No. of Course	Duration (days)	Participants
	Farmers	50	50	1250
	Farm women	15	15	375
	Rural youth	10	20	150
	Extension personnel/ In service	6	6	90
	Vocational trainings	4	20	40
	Sponsored Training	1	1	30
	Total	86	112	1935
		No. of Programmes	Participants	
4	Extension Programmes	817	8744	
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	276.2	850	
	Planting material produced (nos.)	51835	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.)	-	-	

	Bio Products	Qty	Beneficiaries (nos.)	
	Bio Agents -Earth worm (Kg.)	-	-	
-	Trichoderma (kg.)	-	-	
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	4500	80	
	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	60	
	Soil sample tested	425	425	
	Water sample tested	-	-	
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	-	-	
	KVK-KMA (Message and beneficiaries)	48	5812	
	Convergence programmes	10	800	
	Sponsored programmes	1	30	
	KVK Progressive Farmers interaction	1	25	
	No. of Technology Week Celebrations	3	750	
	Attended HRD activities organized by ZPD	3	3	
	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.)		483384	
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.)	3	4	
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	No	-	
16		Filled	Vacant	
	Staff Position	13	3	
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 31.05.2016)

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	0	6	6	3	2	6	5	16	13

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	Senior Scientist & Head	VACANT								
Bargarh	Scientist 1	Mrs Susrita Sahu	Home Science	M.Sc.	Food & Nutrition	15600-39100 AGP-6000	19050+6000	22.12.2009	Permanent	OBC
Bargarh	Scientist 2	Mr. Nrusingh Charan Barik	Nematology	M.Sc.	Nematology	15600-39100 AGP-6000	19050+6000	30.04.2010	Permanent	OBC
Bargarh	Scientist 3	Sri. Sanat Kumar Meher	Horticulture	M.Sc.	Horticulture	15600-39100 AGP-6000	19050+6000	30.04.2010	Permanent	OBC
Bargarh	Scientist 4	Miss. Rukeiya Begum	Plant Science	M.Sc.	Seed Science & technology	15600-39100 AGP-6000	15600+6000	29.05.2015	Permanent	Others
Bargarh	Scientist 5	Miss Trupti Bhoi	Agriculture Extension	M.Sc.	Agriculture Extension	15600-39100 AGP-6000	15600+6000	03.11.2015	Permanent	Others
Bargarh	Scientist 6	Mr. Tarak Chandra Panda	Agriculture Engineering	M.Sc.	Process & Food Engineering	15600-39100 AGP-6000	15600+6000	04.12.2015	Permanent	Others
Bargarh	Programme Assistant	Sri Deepankar Jena	Plant Science	M.Sc.	Seed Science & technology	9300-34800 (GP-4200)	9710+4200	06.02.2015	Permanent	Others
Bargarh	Farm Manager	VACANT								
Bargarh	Computer Programmer	Sri. Sanat Kumar Meher	Computer	MCA		9300-34800 (GP-4200)	10560+4200	01.12.2012	Permanent	Others
Bargarh	Accountant / superintendent	VACANT								
Bargarh	Stenographer	Sri Sumant Kumar Jally		BA		5200-20200 GP-2400	5670 +2400	14.2.2014	Contractual	
Bargarh	Driver	Sri. A. Chhanda		Under Matric		PB-1(5200-20200) S-5	6600+1900	23-07-08	Contractual	
Bargarh	Driver	Sri. U. Pati		Under Matric		PB-1(5200-20200) S-5	5640+1900	14.2.2014	Contractual	
Bargarh	Supporting staff	Sri. S.L Debata		Under Matric		PB-1(4440-7440)S-5	5580+1300	28-07-08	Contractual	
Bargarh	Supporting staff	Sri.O.Khamari		Under Matric		PB-1(4440-7440)S-5	5580+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	Patrapali	2010	Bhatli	65	800	326
Bargarh	Ludupalli	2013	Ambabona	85	1120	725
Bargarh	Raisobha	2013	Bhatli	60	2500	620
Bargarh	Bandhapalli	2014	Sohela	85	813	303
Bargarh	Garmunda	2015	Attabira	13	452	105
Bargarh	Saradhapali	2016	Bhatli	65	1125	665

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	2015	Kharif	Severe yield loss of Kharif paddy due to sudden outbreak of blast disease	Assessment of picoxystrobin as preactive spray against blast	Assessment	IDM	Paddy	Irrigated	13	45.92	48	47.3	23792	25500	23755	Preventive spraying of Picoxystrobin 25SC after 30DAT@ 1.5 ml/lit and 2 nd spraying after 10 days
Bargarh	2015	Kharif	Poor yield of citrus due to attack of leaf minor and psyllid	Assessment of chemical against citrus leaf minor and psyllids	Assessment	IPM	Citrus	Rainfed	13	80.4	140.3	126.8	115800	245510	136800	Alternate Spraying of Dimethioate 30 EC @ 2ml/lit followed by spraying of Thiomethoxam 25 WG @ 0.3 gm/lit after 8 days interval
Bargarh	2015-16	Rabi	Yield loss of Rabi paddy due to attack of BPH at maturing stage	Assessment of Pymetrozine 50 WG against BPH attacking in Rabi Paddy	Assessment	IPM	Paddy	Irrigated	13	48.3	52.1	50.2	24305	28835	25110	Spraying of pymetrozine 50 WG (Chess)@ 80 gm/ac twice at the interval of 10 days after appearance of the insect

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	2015-16	Rabi	Poor yield of Rabi Groundnut due to PSND	Assessment of IDM strategy for control of PSND in Rabi Groundnut	Assessment	IDM	Groundnut	Irrigated	13	18	23.2	22.1	51300	70200	68300	Seed treatment with Imidacloprid 70 WS @ 1gm + Mancozeb @ 3gm per Kg of seed. Border cropping with 3-4 rows of maize and spraying of NATIVO (Tebucolazole +Trifloxystrobin) @ 160 gm/acre after appearance of the disease
Bargarh	2015-16	Rabi	Less yield, more irrigation water, weed problem, disease & pest problem incase of furrow irrigation	Assessment on Performance of Drip Irrigation in Tomato	Assessment	Micro Irrigation	Tomato	Irrigated	5	342	430	-	138000	182000	-	Drip irrigation is preferable in Rabi or summer season due to more yield
Bargarh	2015-16	Kharif	Low yield due to High wilting Percentage	Assessment of Wilt Resistant Tomato - Hybrid Swarna Sampad	Assessment	Varietal evaluation	Tomato	Rainfed	13	490	230	520	1,60,000	47400	1,75,000	Swarna sampad is suitable for the area with wilting problem,good for fresh consumption but due to very thin skin it is not suitable for long distance transport.
Bargarh	2015-16	Rabi	More number of male flower and ultimately less yield	Assessment of Ethrel for changing the sex ratio in pumpkin	Assessment	Prod& Mgt	Pumpkin	Irrigated	13	180	216	-	44000	48000	56000	Application of Ethrel 100 PPM at 2 leaves & 3 leaves stages will increase the yield 20 %
Bargarh	2015-16	Rabi	Local variety with small size,low weight and less yield	Assessment of Pointed gourd Var. Swarna Alukik	Assessment	varietal evaluation	Pointed gourd	Irrigated	13	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	

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	2015-16	Rabi	Local variety with more number male plant	Assessment of Hybrid Papaya var. Red Lady	Assessment	varietal evaluation	Papaya	Irrigated	13	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	
Bargarh	2015-16	Kharif	Khandagiri variety is very susceptible to drought	Assessment of yield potential of CR Borodhan-2 in rainfed condition	Assessment	varietal evaluation	Paddy	rainfed	13	24.5	27.6	29.3	9325	12970	15585	CR Boro Dhan 2 can be grown in kharif .It can be tested for its performance in Rabi.
Bargarh	2015-16	Kharif	Local variety with very less productivity	Assessment of Pigeon pea Variety Kamika	Assessment	varietal evaluation	Arhar	rainfed	13	5.6	6.9	7.5	9000	15800	18510	Kamika is high yielding but it is long duration .so if irrigation facility will be there than the yield will increase.
Bargarh	2015-16	Rabi	Traditional transplanting with over crowding of plant inviting more insect and disease pest	Assessment of different planting SRI	Assessment	Prod & Mgt	Paddy	irrigated	13	4.5	5.22	5.34	20840	25890	27800	Planting with 20 x 20 cm is at par with 25 x 25 cm
Bargarh	2015-16	Rabi	Local variety with very less productivity	Assessment of sesamum Variety Nirmala	Assessment	varietal evaluation	sesamum	irrigated	13	9.2	10.7	12.9	22700	28000	35450	Nirmala is giving good yield and suitable for bargarh.
Bargarh	2015-16	Rabi	Low production and productivity	Assessment of knowledge & adoption level of farmers towards SSI in sugarcane	Assessment	Impact of technology	Sugarcane	Irrigated	13							

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 picoxystrobin as pre-emptive spray against blast	Yield q/ha	45.92	48	38200	39300	40100	61992	64800	63855	23792	25500	23755	1.62	1.64	1.59
Bargarh	Assessment of chemical against citrus leaf minor and psyllids	No of fruits /plants	1005	1754	85200	105290	180200	201000	350800	317000	115800	245510	136800	2.35	3.33	1.75
Bargarh	Assessment of Pymetrozine 50 WG against BPH attacking in Rabi Paddy	Yield q/ha	48.3	52.1	40900	41500	43200	65205	70335	68310	24305	28835	25110	1.59	1.69	1.58
Bargarh	Assessment of IDM strategy for control of PSND in Rabi Groundnut	Yield q/ha	18	23.2	38200	42300	41600	90000	116000	110500	51300	70200	68300	2.35	2.75	2.65
Bargarh	Assessment on Performance of Drip Irrigation in Tomato	Yield q/ha	342	430	72000	8000	-	210000	262000	-	138000	182000	-	2.9	3.2	-
Bargarh	Assessment of Wilt Resistant Tomato -Hybrid Swarna Sampad	Yield q/ha	490	520	90000	65000	85000	245000	115000	260000	155000	50000	175000	2.72	1.7	2.88
Bargarh	Assessment of Ethrel for changing the sex ratio in pumpkin	Yield q/ha	180	216	46000	48000	52000	90000	96000	108000	44000	48000	56000	1.95	2.0	2.07
Bargarh	Assessment of Pointed gourd Var. Swarna Alukik	Yield q/ha	Cont.													
Bargarh	Assessment of Hybrid Papaya var. Red Lady	Yield q/ha	Cont.													
Bargarh	Assessment of yield potential of CR Borodhan-2 in rainfed condition	Yield q/ha	24.5	29.3	25200	27050	26900	34525	40020	42485	9325	12970	15585	1.37	1.48	1.57
Bargarh	Assessment of Pigeon pea Variety Kamika	Yield q/ha	5.6	7.5	17000	18650	18990	28000	34500	37500	9000	15850	18510	1.64	1.84	1.97
Bargarh	Assessment of different planting SRI	Yield q/ha	45	53.4	44410	49800	49630	65250	75690	77430	20840	25890	27800	1.46	1.51	1.56
Bargarh	Assessment of sesamum Variety Nirmala	Yield q/ha	9.2	12.9	23300	25500	29050	46000	53500	64500	22700	28000	29050	1.97	2.09	2.22
Bargarh	Assessment of knowledge & adoption level of farmers towards SSI in sugarcane	% tech adopted	Cont.													

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	2015	Kharif	Low income from local duck breed	Assessment of white pekin breed of duck	Assessment	Small scale income generation activities	T2 - Rearing of Khaki Campbell breed of ducks T3- Rearing of white pekin breed of duck	Rapid growth rate, suitable for meat purpose, egg laying capacity is more than local	Home stead	13	White pekin breed is more suitable for meat purpose as it gains more body weight than the khaki Campbell and local duck respectively
Bargarh	2015	Kharif	Low income from rearing of local poultry birds	Assessment of Chhabro breed of poultry	Assessment	Small scale income generation activities	T2 – Rearing of rainbow rooster poultry T3- Rearing management of Chhabro breed of poultry	Suitable for backward farming, heavy breed, multi colored	Home stead	13	Chhabro breed is suitable breed for backward farming as its gains rapidly growth rate than rainbow rooster & local poultry
Bargarh	2015-16	Rabi	Poor economic status of farm women from house hold activities during lean period and the consumer preferences for oyster mushroom is less due to its hardy nature.	Assessment of Hypsizygous Ulmarious mushroom	Assessment	Small scale income generation activities	T2 – Cultivation of pleurotus eoas (Pink color) mushroom T3 - Cultivation of Hypsizygous Ulmarious (blue color) mushroom	Cutting of paddy straw into 2- 3 inches size, sterilization of straw in hot water, scientific method of bed preparation in polythene, harvesting, grading and packaging practices	Home stead	13	Mushroom grower can adopt Hypsizygous Ulmarious cultivation as its gives more yield with better taste than pleurotus sajor caju & pleurotus eoas.
Bargarh	2015-16	Rabi	Low efficiency and high degree drudgery of farm women during weeding	Assessment of twin wheel hoe weeder	Assessment	Drudgery reduction	T2 – Weeding by rake weeder T3 – Weeding by using twin wheel hoe weeder	Handy implement, lighter in weight, easy to operate	Irrigated	13	Time, money along with 52.7% & 28.97% drudgery can be saved by using twin wheel hoe weeder & rake weeder respectively

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		Savi ng in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Bargarh	Assessment of white pekin breed of duck	Co nt	-	-	-	-	-	-	-	-	-	No of Eggs/ Mont h- 10	T2 - 22 T3 - 13	-	-	-	-	Body weight (kg./6 months) - 1.6	T2 - 2.1 T3 - 3.3	-	-	-	-
Bargarh	Assessment of Chhabro breed of poultry	Co nt	-	-	-	-	-	-	-	-	-	No of Eggs/ Mont h- 5	T2 - 15 T3 - 13	-	-	-	-	Body weight (kg) - 1.1	T2 - 3.1 T3 - 3.4	-	-	-	-
Bargarh	Assessment of Hypsizygous Ulmarious mushroom	-	-	-	-	-	-	-	-	-	-	-	-	T2 - 5100 T3 - 5100	9900	T2 - 10350 T3 - 11700	2.2 kg/bed	T2 - 2.3 T3 - 2.6	4800	T2 - 5250 T3 - 6600	T2 - 450 T3 - 1800	T2 - 1.97 T3 - 2.29	
Bargarh	Assessment of twin wheel hoe weeder	42	T2 - 69 T3 - 134	10.7	T2 - 7.6 T3 - 5.06	102	T2 - 110 T3 - 126	-	T2 - 28.9 T3 - 52.7	-	T2 - 64 T3 - 219	-	-	-	-	-	-	-	-	-	-	-	-

2.5 Feedback from KVK to Research System

Name of KVK	Feedback
Bargarh	Different chemicals for preventive spray to control outbreak of Blast stages.
Bargarh	Screening different citrus varieties resistant to leaf minor.
Bargarh	Evaluation of different technologies for eradication BPH.
Bargarh	Research for temperature factor for PSND disease in ground nut.
Bargarh	More weed control, more yield against less water use.

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	Potato	Integrated Pest Management	Use of new generation pesticide Denotifuran 20 SG for control of BPH in Kharif Rice	Training & demonstrations, radio talk, TV talk	21	185	165
Bargarh	Pointed gourd	Integrated Pest Management	Spraying of malathion 50 EC @ 2.5 ml/lit	Training & demonstrations, radio talk, TV talk	17	300	500
Bargarh	Banana	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	Training & demonstrations, radio talk, TV talk	19	254	201
Bargarh	Tomato	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	Training, Interactive demonstration	12	120	60
Bargarh	Water melon (Sugar baby)	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	Training & Demonstration	4	20	-
Bargarh	dairy	Nutritional management	Supplementation of vitamin-mineral mixture @ 30gm / day improve the health of cow and milk yield	Training, Interactive demonstration	8	90	-
Bargarh	poultry	Income Generating activities	Rearing and feeding management along with vaccination of poultry	Training, Interactive demonstration, Publication	12	150	-
Bargarh	Sugar cane bud chipper	Drudgery Reduction	Use of sugarcane bud chipper for cutting of sets, working capacity - 250 Nos of buds/hr	Training, Interactive demonstration, Field day	14	140	110

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	Gen	Total
Bargarh	2015	Kharif	Integrated Pest management	Spraying 1% urea @ 45 and 55 DAS, Spraying sectin 60 WG @600 gm/acre (Fenamidone 10% + mancozeb 50%) after appearance of the disease	Patato	Kufrichanramuckhi	1.0	180	232	28	2	1	10		13
Bargarh	2015	Kharif	Integrated Pest management	Popularization of light trap for control of for control of rice pest. 8 traps/acre	Paddy	Khudrat	1.0	39.3	42.8	8.9	3	2	8		13
Bargarh	2015-16	Rabi	Integrated disease management	5-6 times release of <i>T.Chillonis</i> @20000/Acre, starting from 30DAT, installation of pheromone trap@8/ha, Spraying of multineem 0.3% @ 5 ml/lit	Paddy	MTU 7029	1.0	46.2	48.9	5.8	3	8	2		13
Bargarh	2015-16	Rabi	Integrated disease management	Application of neem cake @ 5 q/ha, treatment of root cuttings with imidacloprid 200SL and Vitavax power @ 2.5 gm/litre, spraying of metalaxyl + mancozeb @ 2.5 gm /lit in rootzone after appearance of the disease.	Pointed gourd	Swarna Aloukik	1.0	102	135	32	2	5	6		13
Bargarh	2015-16	Rabi	Farm Machineries	Demonstration on use of self propelled rice transplanter	Paddy	-	1.0	Man days/ha – 36	Man days/ha – 3	91	1	4	8		13
Bargarh	2015	kharif	Varietal evaluation	Popularization of kharif onion variety AFDR	Onion	AFDR	0.4	160	185	15.6	0	8	5	0	13
Bargarh	2015	Kharif	Varietal evaluation	Popularization of zinger variety suprava	zinger	Suprava	0.04	108	125`	15.7	3	2	8	0	13
Bargarh	2015	kharif	Prod & Mgt	Pond based Integrated Farming System	ChilliCabbage,Cauliflo	Greeny,Swana sampad,Kanchi	1	-	-	-	2	3	5	0	10
Bargarh	2015-16	Rabi	INM	Boron application in Cauliflower@ 3gm/L at 30,40,50 DAT	Cauliflower	Barkha	2	187	209	11.76	0	4	6	0	10
Bargarh	2015	Kharif	INM	Demonstration on INM in Green gram	Green gram	PDM-54	2	5.2	6.4	15.3	0	2	11	0	13
Bargarh	2015-16	Rabi	INM	Demonstration on sulphur application in mustard	Mustard	Black Gold	2	11.6	12.8	10.3	0	2	11	0	13
Bargarh	2015-16	Rabi	IWM	Popularization of Herbicide application in Groundnut	Groundnut	TAG36A	4	15.8	18.6	17.72	0	2	11	0	13
Bargarh	2015-16	Rabi	Varietal evaluation	Popularization of Hybrid paddy cv AJAY	Rice	AJay	0.4	42	54	19	0	0	5	0	5
Bargarh	2015-16	Rabi	ICT	Information through KMS	-	-	-	-	-	-	1	3	9	0	13

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	Spraying 1% urea @ 45 and 55 DAS, Spraying sectin 60 WG @600 gm/acre (Fenamidone 10% + mancozeb 50%) after appearance of the disease	Patato	Average tuber size/gm	130	182	85000	97000	130000	182000	45000	65000	1.52	1.87
Bargarh	Popularization of light trap for control of for control of rice pest. 8 traps/acre	Paddy	Yield q/ha	38.4	46.4	39700	42300	51840	62640	12040	14340	1.30	1.48
Bargarh	5-6 times release of <i>T.Chillonis</i> @20000/Acre, starting from 30 DAT, installation of pheromone trap@8/ha, Spraying of multineem 0.3% @ 5 ml/lit	Paddy	Yield q/ha	46.2	49.3	40700	43100	62370	66555	21600	23455	1.53	1.54
Bargarh	Application of neem cake @ 5 q/ha, treatment of root cuttings with imidacloprid 200SL and Vitavax power @ 2.5 gm/litre, spraying of metalaxyl + mancozeb @ 2.5 gm /lit in rootzone after appearance of the disease.	Pointed gourd	Yield q/ha	98	121	103000	110000	196000	242000	93000	132000	1.90	2.2
Bargarh	Demonstration on use of self propelled rice transplanter	Paddy	Cost of operation (Rs)	7200	3000	36200	27120	52200	54760	16000	27640	1.4	2
Bargarh	Popularization of kharif onion variety AFDR	Onion	Yield(q/ha)	160	185	49000	55000	160000	185000	111000	130000	3.26	3.36
Bargarh	Popularization of zinger variety suprava	zinger	Yield(q/ha)	108	125	76000	81000	162000	187500	86000	106500	2.13	2.31
Bargarh	Pond based Integrated Farming System	Chilli, Cabbage, Cauliflower	Yield(q/ha)	Cont.									
Bargarh	Boron application in Cauliflower@ 3gm/L at 30,40,50 DAT	Cauliflower	Yield(q/ha)	187	209	63000	65800	149600	167200	86000	101400	2.37	2.54
Bargarh	Demonstration on INM in Green gram	Green gram	Yield(q/ha)	5.2	6.4	13700	15600	31200	38400	17500	22800	2.27	2.46
Bargarh	Demonstration on sulphur application in mustard	Mustard	Yield(q/ha)	11.6	12.8	22600	23800	52200	57600	29600	33800	2.30	2.42
Bargarh	Popularization of Herbicide application in Groundnut	Groundnut	Yield(q/ha)	15.8	18.6	31500	32800	63200	74400	31700	41600	2.0	2.36
Bargarh	Popularization of Hybrid paddy cv AJAY	Rice	Yield(q/ha)	42	54	29000	33700	59220	76140	30220	42440	2.04	2.26
Bargarh	Information through KMS	-	-	Cont..									

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	2015	Kharif	Drudgery reduction	Low efficiency & high degree drudgery of farm women during decorating of mahua seeds	Decortications of mahua seeds done by mahua seed decorticator having weight 14-15 kg made up of mild steel and wooden bar	Mahua decorticator	Drudgery reduction by using Mahua seed decorticator	Homestead	13	13
Bargarh	2015	Kharif	Small scale income generating activities	Low income from local variety of seasonal marigold cultivation	Seedling treatment with Bavistin @2gm /lit, spacing @45X45cm, need based plant protection measures	Marigold	Cultivation of caracole variety of marigold	Irrigated	0.4	13
Bargarh	2015-16	Rabi	Small scale income generating activities	No low germination and high mortality rate of seedlings in open nursery bed	Low cost poly tunnel can cover the bed in height from 2 feet from soil and can partially controlled the temperature and humidity making the micro climate condusive for better growth of seedling	Low cost poly tunnel	Raising seedling inside low cost poly tunnel	Irrigated	13	13
Bargarh	2015-16	Rabi	Drudgery reduction	Low efficiency & high degree drudgery of farm women during stripping of ground nut	Stripping of groundnut by groundnut stripper over all dimension in mm 690X690X200	Groundnut stripper	Drudgery reduction by using Groundnut stripper	Irrigated	13	13

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		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			
Bargarh	Decortications of mahua seeds done by mahua seed decorticator having weight 14-15 kg made up of mild steel and wooden bar	Kg/hr 1.8	9.7	353.3	58.14	126	114	-	83.5	-	483	-	-	-	-	-	-	-	-	-	-	-	-	-
Bargarh	Seedling treatment with Bavistin @2gm /lit, spacing @45X45cm, need based plant protection measures	-	-	-	-	-	-	-	-	-	-	-	-	171 000	180 000	206 000	272 000	103q.	136q.	350 00	920 00	570 00	1.5	

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		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		
Bargarh	Low cost poly tunnel can cover the bed in height from 2 feet from soil and can partially controlled the temperature and humidity making the micro climate conducive for better growth of seedling	-	-	-	-	-	-	-	-	-	-	1440 seedling/bed	1860 seedling/bed	1100	1140	1440	1860	-	-	340	720	380	1.69
Bargarh	Stripping of groundnut by groundnut stripper over all dimension in mm 690X690X200	Kg/hr 2.6	10.7	224.4	50.9	116	112	-	77.3	-	311	-	-	-	-	-	-	-	-	-	-	-	-

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Bargarh	Potato	Field day	1	70	Attended by district agricultural officers
Bargarh	Paddy	Group meeting	4	400	Attended by SCS member
Bargarh	Pointed gourd	Field day	1	50	Attended by horticulture dept. personnel
Bargarh	Onion	Field Day	1	25	Attended by BTM
Bargarh	Zinger	Field Day	1	25	Attended by BTM
Bargarh	IFS	Field Day	1	25	Attended by BTM
Bargarh	Green gram	Field Day	1	50	Attended by district agricultural officers
Bargarh	Mustard	Field Day	1	50	Attended by SCS member
Bargarh	Groundnut	Field Day	1	50	Attended by BTM
Bargarh	Mahua decorticator	Exhibition, Training	2	225	Exhibited in the farmers fair
Bargarh	Marigold	Publication, Field day	2	550	Publication on marigold cultivation
Bargarh	Low cost poly tunel	Group visit, training	2	40	Visited demo plot
Bargarh	Groundnut stripper	Field day, training	2	55	Attended by line department office

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 1% urea @ 45 and 55 DAS, Spraying sectin 60 WG @600 gm/acre (Fenamidone 10% + mancozeb 50%) after appearance of the disease	Field visit	Improves crop growth and enhances tuber production.	9 villages 45 farmers in an area of 20 ha
Bargarh	Popularization of light trap for control of for control of rice pest. 8 traps/acre	Field visit, Group discussion	Helps in pest surveillance	Spread in 14 villages by 77 farmers in an area of 95 ha
Bargarh	5-6 times release of <i>T.Chillonis</i> @20000/Acre, starting from 30 DAT, installation of pheromone trap@8/ha, Spraying of multineem 0.3% @ 5 ml/lit	Group meeting and individual contact	Controls BPH by one spray only	Nearby 10 villages involving 400 farmers in an area of 250 ha.
Bargarh	Application of neem cake @ 5 q/ha, treatment of root cuttings with imidacloprid 200SL and Vitavax power @ 2.5 gm/litre, spraying of metalaxyl + mancozeb @ 2.5 gm /lit in rootzone after appearance of the disease.	Palli sabha	Save the crop from root rot disease and improves keeping quality of fruit storage life of fruit by two days	Nearby 13 villages involving 102 farmers in an area of 52 ha
Bargarh	Demonstration on use of self propelled rice transplanter	Training, Method demonstration	Suitable where less man power is available and causes more yield	Nearby 5 villages involving 50 farmers in an area of 35 ha
Bargarh	Rearing and feeding management along with vaccination of Chhbro poultry	Group discussion, Training	This breed of poultry is gaining rapid growth rate than rainbow rooster & local poultry	24 poor women of nearby 4 villages are interested for this breed.
Bargarh	Drudgery reduction by using twin wheel hoe weeder	Training, Method demonstration	Working output is more and drudgery is reduced.	16 farm women of 3 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	39 farm women of 5 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	12 farmers of 4 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 demonstration.	It can replace paddy straw mushroom in winter and more testier than oyster	32 farm women of 6 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	48 farmers 6 villages interested for this

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Bargarh	Ratoon technology of atleast 10 years for pointed gourd
Bargarh	Assessment of productivity of cross bred from white pekin & khaki Campbell
Bargarh	Development of cross bred of rainbow rooster & Chhabro.

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	06.06.2015, 15.07.2015, 04.08.2015, 23.09.2015 Nalichuan, Grindola, Boipali, Kanhepali, Kallajhuri	480
Bargarh	Rural youth	Pallisabha, Questionaries	17.06.2015, 11.08.2015, 13.10.2015, 15.12.2015 Sarkanda, Dhumapali, Khutulipali	235
Bargarh	Inservice	Workshop, strategy meeting	13.05.2015, 5.10.2015, 10.12.2015	166

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)	Target for No. of participants	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bargarh	FW	OFC	PLP	Use of ITKs for stored grain pest management	1	1	25	-	-	2	-	1	-	22	-
Bargarh	FW	OFC	PLP	Nursery management for disease control	1	1	25	5	-	2	-	3	-	15	
Bargarh	FW	OFC	PLP	Biological control of scale insects infesting pointed gourd	1	1	25	10	-	1	-	2	-	12	
Bargarh	FW	OFC	PLP	Biological control of early shoot borer in sugarcane	1	1	25	-	-	-	-	-	-	25	-
Bargarh	FW	OFC	PLP	Viral diseases management in pulses	1	1	25	-	-	-	-	1	-	24	-
Bargarh	FW	OFC	PLP	Use of pheromone trap in IPM practice	1	1	25	-	-	-	-	2	-	23	-
Bargarh	FW	OFC	PLP	IDM on blast, sheath rot diseases of paddy	1	1	25	-	-	12	-	-	-	13	-
Bargarh	FW	OFC	PLP	Use of ITK for pest control of paddy	1	1	25	-	-	-	-	2	-	23	-
Bargarh	RY	ONC	PLP	Preparation of spray solution and spraying method from botanicals	1	2	10	5	-	2	-	2	-	1	
Bargarh	FW	OFC	PLP	Pod borer management in pulses	1	1	25	2	-	3	-	2	-	18	
Bargarh	FW	OFC	PLP	Aphid management in cruciferous plants with botanicals	1	1	25	5	-	2	-	3	-	15	
Bargarh	FW	OFC	PLP	Management of root knot nematode in vegetables (Tomato, Brinjal, Potato, Pointed gourd)	1	1	25	10	-	1	-	2	-	12	
Bargarh	FW	OFC	PLP	Control of early/late blight in potato	1	1	25	-	-	-	-	-	-	25	-
Bargarh	FW	OFC	PLP	Management of red rot in sugarcane	1	1	25	-	-	-	-	1	-	24	
Bargarh	FW	OFC	PLP	Use of ITK for pest control	1	1	25	-	-	12	-	-	-	13	-
Bargarh	FW	OFC	PLP	Use of adjustment technology for pest control	1	1	25	5	-	2	-	3	-	15	-
Bargarh	FW	OFC	PLP	Use of herbal pesticides for the control of insects pest	1	1	25	5	-	2	-	3	-	15	
Bargarh	RY	ONC	PLP	Bee keeping	1	2	10	5	-	1	-	2	-	2	
Bargarh	IS	OFC	PLP	Rodent management of field crops and house hold materials	1	1	10	3	-	2	-	1	-	4	

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bargarh	IS	OFC	PLP	Eco friendly management of soil borne nimatodes	1	1	10	2	-	1	-	2	-	5	-
Bargarh	FW	OFC	WOE	Value addition to milk	1	1	25	-	1	-	-	-	9	-	15
Bargarh	FW	OFC	WOE	Planning and management of nutritional garden in backyard	1	1	25	-	-	-	7	-	18	-	-
Bargarh	FW	OFC	WOE	Techniques of paddy straw mushroom cultivation	1	1	25	-	-	-	-	-	10	-	15
Bargarh	FW	OFC	WOE	Value addition of chilli	1	1	25	-	-	-	-	-	7	-	18
Bargarh	FW	OFC	WOE	Value addition of lemon	1	1	25	-	-	-	18	-	7	-	-
Bargarh	FW	OFC	WOE	Rearing management of ducks in backyard	1	1	25	-	-	-	1	-	9	-	15
Bargarh	FW	OFC	WOE	Use of agricultural tools related to groundnut cultivation practices for drudgery reduction	1	1	25	-	-	-	-	-	9	-	16
Bargarh	FW	OFC	WOE	Rearing management of dual purpose poultry bird in backyard	1	1	25	-	-	-	-	-	6	-	19
Bargarh	FW	OFC	WOE	Raising of vegetable seedlings under low cost poly tunnel	1	1	25	-	-	-	-	-	12	-	13
Bargarh	FW	OFC	WOE	Use of small agricultural implements for drudgery reduction	1	1	25	-	-	-	-	-	1	-	24
Bargarh	FW	OFC	WOE	Cultivation technology of marigold for income generation	1	1	25	-	-	-	-	-	5	-	20
Bargarh	FW	OFC	WOE	Value addition to tomato	1	1	25	-	-	-	-	-	-	-	25
Bargarh	FW	OFC	WOE	Cultivation techniques and uses of hybrid napier	1	1	25	-	-	-	-	-	14	-	11
Bargarh	FW	OFC	WOE	Techniques of blue oyster mushroom cultivation	1	1	25	-	-	-	-	-	2	-	23
Bargarh	FW	OFC	WOE	Use of azolla as supplementary feed stuff for milch cows	1	1	25	-	-	-	-	-	1	-	24
Bargarh	RY	ONC	WOE	Paddy straw mushroom cultivation for income generation	1	2	25	-	-	-	-	-	10	-	15
Bargarh	RY	ONC	WOE	Preparation of vermicompost unit For self employment	1	2	25	-	6	-	-	-	6	-	3
Bargarh	RY	ONC	WOE	Oyster mushroom cultivation for additional income	1	2	25	-	-	-	-	-	-	-	15
Bargarh	RY	OFC	WOE	Use of azolla as a supplemental feed stuff for poultry	1	2	25	-	-	-	-	-	2	-	13
Bargarh	IS	OFC	WOE	Balanced diet for pregnant women	1	1	25	-	-	-	3	-	1	-	11
Bargarh	FW	OFC	AEG	Use of Drip Irrigation in Vegetable Crops	1	1	25	0	0	0	0	13	0	12	0
Bargarh	FW	OFC	AEG	Use of Tractor drawn Seed Drill in Ground Nut	1	1	25	1	0	0	0	0	0	24	0
Bargarh	FW	OFC	AEG	Use of Rider Type Rice Transplanter	1	1	25	3	0	2	0	0	0	20	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bargarh	FW	OFC	AEG	Technology of Mulching in Agriculture	1	1	25	1	0	2	0	10	0	12	0
Bargarh	FW	OFC	CRP	Germination improvement techniques of crop seeds by coating and pelleting	1	1	25	5	1	1	1	3	2	8	4
Bargarh	FW	OFC	CRP	Management of organic matter in field or sustainable crop production	1	1	25	-	-	4	-	2	-	13	6
Bargarh	FW	OFC	CRP	Production technology of crop seeds	1	1	25	-	-	-	-	6	-	16	3
Bargarh	FW	OFC	CRP	Importance of seed quality	1	1	25								
Bargarh	FW	OFC	CRP	Production technology of groundnut in rainfed area	1	1	25	1	-	-	-	5	-	19	-
Bargarh	FW	OFC	CRP	Effect of seed dormancy on production of quality seeds and its viability vigour and germination	1	1	25	-	2			5	-	-	18
Bargarh	FW	OFC	CRP	Effect of INM on quality seed production	1	1	25	5	1	1	1	3	1	9	4
Bargarh	FW	OFC	CRP	Quality seed production in cole crops	1	1	25	-	-	-	-	4	1	12	8
Bargarh	FW	OFC	CRP	Seed production technology in solanecious vegetables	1	1	25	3	-	2	-	3	-	15	2
Bargarh	FW	OFC	CRP	Scientific seed production techniques in green gram	1	1	25	-	-	-	-	3	8	4	10
Bargarh	FW	OFC	CRP	Seed production technologies for blackgram	1	1	25	-	-	2	-	-	1	10	12
Bargarh	FW	OFC	CRP	Seed certification techniques	1	1	25	1	-	-	3	1	6	3	11
Bargarh	RY	OFC	CRP	Seed certification and production technology of paddy seeds	1	2	15	-	-	-	-	1	1	4	9
Bargarh	RY	OFC	CRP	Production technology of commercial vegetable seeds	1	2	15	-	-	1	-	-	-	14	-
Bargarh	IS	OFC	CRP	Techniques of good quality pulse seed production	1	2	25	3	-	2	-	3	2	12	3
Bargarh	IS	OFC	CRP	Techniques of good quality oilseed production	1	1	15	4	-	-	-	1	-	10	-
Bargarh	FW	OFC	OTH	Formation of Farmers club	1	1	25	-	-	-	-	8	-	17	-
Bargarh	FW	OFC	Micro Irrigation	Use of plastic in agriculture system	1	1	25	-	-	-	1	-	7	-	17
Bargarh	FW	OFC	SFM/LPM	Azolla cultivation as both poultry feed and & green manure	1	1	25	2	-	2	-	12	-	9	-
Bargarh	FW	OFC	Income Generation	Mushroom Cultivation	1	1	25	-	-	-	-	4	-	21	-
Bargarh	FW	OFC	OTH	Record keeping of SHG	1	1	25	-	-	-	1	-	7	-	17
Bargarh	FW	OFC	HOV	Off season cultivation	1	1	25	-	-	-	-	2	-	16	7

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bargarh	FW	OFC	HOV	Cultivation practices of Kharif Tomato	1	1	25	-	-	-	-	2	-	23	-
Bargarh	FW	OFC	HOS	Cultivation of Kharif Onion	1	1	25	1	-	-	-	14	-	10	-
Bargarh	FW	OFC	HOS	INM in chili	1	1	25	2	-	-	-	5	-	18	-
Bargarh	FW	OFC	HOV	Single line trellis in cucumber	1	1	25	1	-	-	-	10	2	12	-
Bargarh	FW	OFC	HOF	Cultivation of tissue culture banana	1	1	25	-	-	-	-	6	2	8	9
Bargarh	FW	OFC	HOV	Cultivation of Sweet potato	1	1	25	11	4	-	-	6	-	3	1
Bargarh	FW	OFC	HOF	Use of plant growth regulator in citrus	1	1	25	-	-	-	-	-	1	5	19
Bargarh	FW	OFC	HOV	Maintenance of care of colocasia	1	1	25	-	1	-	1	-	11	-	12
Bargarh	FW	OFC	HOV	Low volume high value crop	1	1	25	-	-	-	-	6	-	15	4
Bargarh	FW	OFC	HOF	INM in papaya	1	1	25	4	-	-	-	2	-	19	-
Bargarh	FW	OFC	HOF	INM in oil palm	1	1	25	1	-	2	-	10	-	12	-
Bargarh	RY	ONC	HOF	Paining and layout orchard	1	2	15	-	-	-	-	1	-	14	-
Bargarh	RY	ONC	HOV	Nursery raising technique in vegetable	1	2	15	-	-	-	-	7	-	8	-
Bargarh	IS	ONC	HOV	Use of mulches in horticulture crop	1	1	15	3	-	-	-	2	1	6	3
	FW	OFC	HOS	Cultivation and preservation of turmeric	1	1	25	1	-	-	-	12	-	12	-

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	Preparation of spray able formulation from botanicals	Enterprise	Small scale income generation	5	-	-	-	-	-	-	-	10	
Bargarh	Value addition to fruits and vegetables	Enterprise	Small scale income generation	5	-	-	-	-	-	3	-	7	
Bargarh	Planting material production technology	Crop	Small scale income generation	5	-	-	-	-	2	-	8	-	
Bargarh	Scientific seed production technology in groundnut	Crop	Crop production	5	1	-	-	-	3	-	6	-	

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	
Bargarh	Use of Drip Irrigation in Vegetable Crops	25	21	30	190	220	180000	200000	1. 44 2. 62 3. 43%, 28%, 21%
Bargarh	Use of Tractor drawn Seed Drill in Ground Nut	25	24	32	12.8	20.5	47000	57500	1. 64 2. 26 3. 23%, 18%, 12%

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	Use of Rider Type Rice Transplanter	25	12	19	49	53	45000	48000	1. 400 2. 210 3. 33%, 9%, 8%
Bargarh	Technology of Mulching in Agriculture	25	15	24	130	178	39000	56000	1. 35 2. 55 3. 32%, 21%, 14%
Bargarh	Use of ITKs for stored grain pest management	25	17	21	6.5	10.3	9400	16000	1. 80 2. 140 3. 23%, 58%, 70%
Bargarh	IDM on blast, sheath blight disease of paddy	25	9	16	9.2	11.8	48000	58500	1. 44 2. 62 3. 43%, 28%, 21%
Bargarh	Nursery management for disease control	25	12	21	9.5	13	13000	18000	1.121 2. 230 3.75%, 36%, 38%
Bargarh	Biological control of scale insects infesting pointed gourd	25	14	24	102	142	12450	29600	1. 17 2. 30 3. 71%, 39%, 137%
Bargarh	Biological control of early shoot borer in sugarcane	25	12	23	5.6	8.5	7000	12500	1. 210 2. 400 3.91%, 51%, 78%
Bargarh	Viral diseases management in pulses	25	19	27	6.7	10.6	9600	16700	1.120 2. 150 3.42%, 58%, 73%
Bargarh	Use of pheromone trap in IPM practice	25	13	19	39	48	9500	12700	1. 250 2. 420 3. 46%, 23%, 33%
Bargarh	IDM on blast, sheath rot diseases of paddy	25	11	27	6.3	8.2	9800	16300	1.109 2. 170 3.54%, 30%, 66%
Bargarh	Thripes control in chilli	25	27	35	48	87	10600	14700	1.130 2. 200 3.81%, 38%, 30%
Bargarh	Wilt disease control in Arhar	25	21	33	12.8	20.3	20000	36000	1.57 2. 100 3.57%, 58%, 80%
Bargarh	Use of ITK for pest control of paddy	25	15	23	5.9	8.2	9300	14600	1.90 2. 140 3.53%, 38%, 56%

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	Preparation of spray solution and spraying method from botanicals	25	17	28	4.2	7.3	5000	8300	1.45 2. 98 3.64%, 73%, 60%
Bargarh	Aphid management in Cruciferous plants with botanicals	25	19	31	4.6	7.9	8700	12600	1.40 2. 102 3.63%, 71%, 84%
Bargarh	Pod borer management in pulses	25	19	34	6.3	11.4	9500	17600	1.70 2. 203 3.785, 80%, 85%
Bargarh	Aphid management in cruciferous plants with botanicals	25	20	30	126	217	46000	87000	1.12 2. 56 3.50%, 72%, 89%
Bargarh	Management of root knot nematode in vegetables (Tomato, Brinjal, Potato, Pointed gourd)	25	19	25	117	178	19000	35000	1.25 2. 40 3.31%, 52%, 84%
Bargarh	Control of early/late blight in potato	25	18	29	11.3	15.7	14000	22000	1.340 2. 410 3.61%, 38%, 57%
Bargarh	Management of red rot in sugarcane	25	14	26	43	47	7000	10000	1.100 2. 280 3.85%, 9%, 30%
Bargarh	Non-chemical methods of pest control	25	11	24	11.5	14.7	14500	20000	1.90 2. 150 3.27%, 27%, 37%
Bargarh	Use of ITK for pest control	25	17	28	10.3	14.2	15000	21000	1.270 2. 340 3.64%, 37%, 40%
Bargarh	Use of neem for pest control in rabi crop	25	16	24	1000	1260	17000	24000	1.60 2. 75 3.50%, 26%, 41%
Bargarh	Use of adjustment technology for pest control	25	19	31	46	54	12000	20000	1.20 2. 40 3. 63%, 17%, 66%
Bargarh	Use of herbal pesticides for the control of insects pest	25	15	27	4.9	7.3	6800	12000	1.30 2. 55 3.80%, 48%, 76%
Bargarh	Bee keeping	25	16	25	140	190	40000	65000	1. 90 2. 150 3.56%, 35%, 62%

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	Rodent management of field crops and house hold materials	25	19	29	120	170	60000	85000	1.40 2. 102 3.52%, 41%, 41%
Bargarh	Eco friendly management of soil borne nimatodes	25	15	25	40	46	12000	16000	1.130 2. 180 3.66%,15%,33%
Bargarh	Formation of Farmers club	25	14	23	120	156	56000	72000	1. 55 2. 77 3. 64%,30%,28%
Bargarh	Use of plastic in agriculture system	25	17	26	130	178	39000	56000	1. 210 2. 315 3.64%,36%, 43%
Bargarh	Azolla cultivation as both poultry feed and & green manure	25	23	31	46	52	12000	17000	1. 45 2. 47 3.34%, 13%, 41%
Bargarh	Under utilization of rice straw	25	27	40	100	120	43000	56000	1. 20 2. 25 3.48%,20%,30%
Bargarh	Record keeping of SHG	25	26	45	180	230	62000	84000	1. 95 2. 150 3.73%,27%, 35%
Bargarh	Value addition to milk	25	39	53	8.3	12.1	20000	31000	1.170 2. 300 3.35%, 45%, 55%
Bargarh	Planning and management of nutritional garden in backyard	25	19	25	120	156	63000	85000	1.300 2. 450 3. 31%, 30%, 34%
Bargarh	Techniques of paddy straw mushroom cultivation	25	17	23	49	56	13000	21000	1.380 2. 410 3. 35%, 14%, 61%
Bargarh	Value addition of chilli	25	18	35	160	210	60000	82000	1.43 2. 66 3.94%, 31%, 36%
Bargarh	Value addition of lemon	25	14	23	13.5	21.5	40000	56000	1.2 2. 7 3.64%, 59%, 65%
Bargarh	Rearing management of ducks in backyard	25	27	37	55	59	17000	25000	1. 327 2. 470 3. 37%, 7%, 47%

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	Use of agricultural tools related to groundnut cultivation practices for drudgery reduction	25	46	64	120	180	70000	104100	1. 4 2. 16 3. 39%, 20%, 31%
Bargarh	Rearing management of dual purpose poultry bird in backyard	25	17	28	4.2	7.3	5000	8300	1.45 2. 98 3.64%, 73%, 60%
Bargarh	Raising of vegetable seedlings under low cost poly tunnel	25	19	31	4.6	7.9	8700	12600	1.40 2. 102 3.63%, 71%, 84%
Bargarh	Use of small agricultural implements for drudgery reduction	25	19	34	6.3	11.4	9500	17600	1.70 2. 203 3.785, 80%, 85%
Bargarh	Cultivation technology of marigold for income generation	25	20	30	126	217	46000	87000	1.12 2. 56 3.50%, 72%, 89%
Bargarh	Value addition to tomato	25	19	25	117	178	19000	35000	1.25 2. 40 3.31%, 52%, 84%
Bargarh	Cultivation techniques and uses of hybrid napier	25	18	29	11.3	15.7	14000	22000	1.340 2. 410 3.61%, 38%, 57%
Bargarh	Techniques of blue oyster mushroom cultivation	25	14	26	43	47	7000	10000	1.100 2. 280 3.85%, 9%, 30%
Bargarh	Use of azolla as supplementary feed stuff for milch cows	25	11	24	11.5	14.7	14500	20000	1.90 2. 150 3.27%, 27%, 37%
Bargarh	Paddy straw mushroom cultivation for income generation	15	17	28	10.3	14.2	15000	21000	1.270 2. 340 3.64%, 37%, 40%
Bargarh	Preparation of vermicompost unit For self employment	15	16	24	1000	1260	17000	24000	1.60 2. 75 3.50%, 26%, 41%
Bargarh	Oyster mushroom cultivation for additional income	15	19	31	46	54	12000	20000	1.20 2. 40 3. 63%, 17%, 66%
Bargarh	Use of azolla as a supplemental feed stuff for poultry	15	15	27	4.9	7.3	6800	12000	1.30 2. 55 3.80%, 48%, 76%

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	Balanced diet for pregnant women	15	16	25	140	190	40000	65000	1. 90 2. 150 3. 56%, 35%, 62%
Bargarh	Germination improvement techniques of crop seeds by coating and pelleting	25	18	29	11.3	15.7	14000	22000	1. 340 2. 410 3. 61%, 38%, 57%
Bargarh	Management of organic matter in field or sustainable crop production	25	14	26	43	47	7000	10000	1. 100 2. 280 3. 85%, 9%, 30%
Bargarh	Production technology of crop seeds	25	11	24	11.5	14.7	14500	20000	1. 90 2. 150 3. 27%, 27%, 37%
Bargarh	Importance of seed quality	25	17	28	4.2	7.3	5000	8300	1. 45 2. 98 3. 64%, 73%, 60%
Bargarh	Production technology of groundnut in rainfed area	25	19	31	4.6	7.9	8700	12600	1. 40 2. 102 3. 63%, 71%, 84%
Bargarh	Effect of seed dormancy on production of quality seeds and its viability vigour and germination	25	19	34	6.3	11.4	9500	17600	1. 70 2. 203 3. 785, 80%, 85%
Bargarh	Effect of INM on quality seed production	25	20	30	126	217	46000	87000	1. 12 2. 56 3. 50%, 72%, 89%
Bargarh	Quality seed production in cole crops	25	19	25	117	178	19000	35000	1. 25 2. 40 3. 31%, 52%, 84%
Bargarh	Seed production technology in solanecious vegetables	25	18	29	11.3	15.7	14000	22000	1. 340 2. 410 3. 61%, 38%, 57%
Bargarh	Scientific seed production techniques in green gram	25	14	26	43	47	7000	10000	1. 100 2. 280 3. 85%, 9%, 30%
Bargarh	Seed production technologies for blackgram	25	11	24	11.5	14.7	14500	20000	1. 90 2. 150 3. 27%, 27%, 37%
Bargarh	Seed certification techniques	25	17	28	10.3	14.2	15000	21000	1. 270 2. 340 3. 64%, 37%, 40%

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	Seed certification and production technology of paddy seeds	15	16	24	1000	1260	17000	24000	1.60 2. 75 3.50%, 26%, 41%
Bargarh	Production technology of commercial vegetable seeds	15	19	31	46	54	12000	20000	1.20 2. 40 3. 63%, 17%, 66%
Bargarh	Techniques of good quality pulse seed production	25	15	27	4.9	7.3	6800	12000	1.30 2. 55 3.80%, 48%, 76%
Bargarh	Techniques of good quality oilseed production	15	16	25	140	190	40000	65000	1. 90 2. 150 3.56%, 35%, 62%
Bargarh	Formation of Farmers club	25	17	28	4.2	7.3	5000	8300	1.45 2. 98 3.64%, 73%, 60%
Bargarh	Use of plastic in agriculture system	25	19	31	4.6	7.9	8700	12600	1.40 2. 102 3.63%, 71%, 84%
Bargarh	Azolla cultivation as both poultry feed and & green manure	25	19	34	6.3	11.4	9500	17600	1.70 2. 203 3.785, 80%, 85%
Bargarh	Under utilization of rice straw	25	20	30	126	217	46000	87000	1.12 2. 56 3.50%, 72%, 89%
Bargarh	Record keeping of SHG	25	19	25	117	178	19000	35000	1.25 2. 40 3.31%, 52%, 84%
Bargarh	Off season cultivation	25	18	29	11.3	15.7	14000	22000	1.340 2. 410 3.61%, 38%, 57%
Bargarh	Cultivation practices of Kharif Tomato	25	14	26	43	47	7000	10000	1.100 2. 280 3.85%, 9%, 30%
Bargarh	Cultivation of Kharif Onion	25	11	24	11.5	14.7	14500	20000	1.90 2. 150 3.27%, 27%, 37%
Bargarh	INM in chili	25	17	28	10.3	14.2	15000	21000	1.270 2. 340 3.64%, 37%, 40%

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	Single line trellis in cucumber	25	16	24	1000	1260	17000	24000	1.60 2. 75 3.50%, 26%, 41%
Bargarh	Cultivation of tissue culture banana	25	19	31	46	54	12000	20000	1.20 2. 40 3. 63%, 17%, 66%
Bargarh	Cultivation of Sweet potato	25	15	27	4.9	7.3	6800	12000	1.30 2. 55 3.80%, 48%, 76%
Bargarh	Use of plant growth regulator in citrus	25	16	25	140	190	40000	65000	1. 90 2. 150 3.56%, 35%, 62%
Bargarh	Maintenance of care of colocasia	25	17	28	4.2	7.3	5000	8300	1.45 2. 98 3.64%, 73%, 60%
Bargarh	Low volume high value crop	25	19	31	4.6	7.9	8700	12600	1.40 2. 102 3.63%, 71%, 84%
Bargarh	INM in papaya	25	19	34	6.3	11.4	9500	17600	1.70 2. 203 3.785, 80%, 85%
Bargarh	INM in oil palm	25	20	30	126	217	46000	87000	1.12 2. 56 3.50%, 72%, 89%
Bargarh	Paining and layout orchard	15	19	25	117	178	19000	35000	1.25 2. 40 3.31%, 52%, 84%
Bargarh	Nursery raising technique in vegetable	15	18	29	11.3	15.7	14000	22000	1.340 2. 410 3.61%, 38%, 57%
Bargarh	Use of mulches in horticulture crop	15	14	26	43	47	7000	10000	1.100 2. 280 3.85%, 9%, 30%
Bargarh	Cultivation and preservation of turmeric	25	11	24	11.5	14.7	14500	20000	1.90 2. 150 3.27%, 27%, 37%

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	Topics	Crop Stages
				M	F	M	F	M	F			
Bargarh	Field Day	10	10	212	108	64	21	7	5	Spread out the new technologies	Crop cutting, yield assessment	Harvesting stage
Bargarh	Kisan Mela	1	1	191	150	44	45	9	1	Awareness	New varieties	
Bargarh	Kisan Ghosthi	10	10	89	21	25	15	1	5	Capacity building	Self employment	
Bargarh	Exhibition	3	3	1855	488	566	299	85	55	Exhibit new technologies	Banaraja, Khaki Campbell, Paddy winner	
Bargarh	Film Show	15	15	225	38	150	85	11	10	Awareness	Green & Poly house technology	
Bargarh	Method Demonstrations	7	7	33	5	18	15	0	0	Skill development	Preparation of botanicals	
Bargarh	Farmers Seminar	4	4	60	25	30	15	3	7	Income generation	Integrated approach	
Bargarh	Workshop	2	2	13	12	18	10	2	4	Knowledge enhancement	Use of power sprayer and small implements	Tillering stage and PI stage
Bargarh	Group meetings	15	15	101	30	58	27	7	8	Disease diagnosis	Seed borne leaf curl, disease	Seedling stage and trailing stage
Bargarh	Lectures delivered as resource persons	20	16	225	75	80	20	30	12	Teaching	IPM, ICM, Crop diversification, value addition	All stage
Bargarh	Newspaper coverage	9	9	mass						Awareness	SAC, Achievement of KVK	
Bargarh	Radio talks	4	4	Mass						Awareness	Skill development, income generation	
Bargarh	TV talks	4	4	Mass						Mass coverage	Organic farming, protected cultivation, production of bi products	

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	Topics	Crop Stages
				M	F	M	F	M	F			
Bargarh	Popular articles	2	2	130	45	30	21	14	2	Knowledge enhancement	Use of bio agents, Information about agricultural schemes	
Bargarh	Extension Literature	4	4	1240	360	428	22	24	6	Change of attitude	Income generation through self employment	
Bargarh	Farm advisory Services	120	120	210	60	70	10	50	30	More yield	Timely irrigation and drainage	Maturity stage
Bargarh	Scientific visit to farmers field	121	143	138	93	89	49	4	0	To solve Field problems	Control of gall midge, blast, panicle mite, F&M disease of cow, Ranikhet disease of poultry	
Bargarh	Farmers visit to KVK	355	384	214	59	57	54	3	1	Collection of seedlings	High yielding varieties, spawn	
Bargarh	Diagnostic visits	121	143	138	93	89	49	14	6	To solve Field problems	Irrigular fruiting of maize, uneven flowering of paddy	
Bargarh	Exposure visits	0	0									
Bargarh	Ex-trainees Sammelan	1	1	6	15	2	2			Change of knowledge	Rearing poultry birds	
Bargarh	Soil health Camp	3	3	22	3	15	8			Awareness	Testing of pH of soil	
Bargarh	Animal Health Camp	1	1	68	12	16	4	4	2			
Bargarh	Agri mobile clinic	0	0									
Bargarh	Soil test campaigns	4	4	44	11	30	10	3	1	Awareness	Application of fertilizer based on soil test report	
Bargarh	Farm Science Club conveners meet	8	8	97	0	53	0	6	0	Change analysis	Farm mechanization	
Bargarh	Self Help Group conveners meetings	12	12	0	108	0	72	0	6	Adoption	Value addition and vocational activities	
Bargarh	Mahila Mandals conveners meetings	2	2	0	12	0	8	0	2	Enhancement of their income	Dairy management	
Bargarh	Celebration of	3	3	120	50	45	40	7	3	Celebration	Food security, Income	

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	Topics	Crop Stages
				M	F	M	F	M	F			
	important days (World environment day)										security, women Empowerment	

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	01.06.2015	Quarterly	500	500

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Bargarh	Compendium	Skill up-gradation training programme on "Poultry and small ruminants rearing techniques"	Miss Trupti Bhoi, Mrs. Susrita Sahu	50
Bargarh	Booklet (Odia)	Samasya Bahula Muttuka o ahara parichalana	Mrs Susrita Sahu, Mr.Sanat Kumar Meher, Miss Rukeiya Begam	500
Bargarh	Booklet (Odia)	Kushi Upadanare jibanu sara byabahara o gurutwa	Mrs Susrita Sahu, Mr. Nrusingh Crahan Barik, Miss Trupti Bhoi,	500
Bargarh	Booklet (Odia)	Ausidhiya Brukshya abong ahara upakarita	Mrs Susrita Sahu, Mr.Sanat Kumar Meher, Mr. Nrusingh Crahan Barik	500
Bargarh	Special day celebration	Special day celebration	Mrs Susrita Sahu	500
Baragarh	Leaflet	Pradhan Matri Fasal Bima Yojana	-	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.)
Bargarh	Cereals	Paddy	Pratikhya	210.6	280		

KVK Name	Major group/class	Crop	Variety	Quantity (qt.)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Bargarh	Cereals	Paddy	Manaswini	67.8	140		
Bargarh	Cereals	Paddy	MTU 1010	Standing	360		

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	Vegetable Seedlings	Tomato	-	14600		40	2
Bargarh	Vegetable Seedlings	Marigold	-	20000		35	1.5
Bargarh	Vegetable Seedlings	Brinjal	-	1600		20	1
Bargarh	Vegetable Seedlings	Broccoli	-	1725		20	1
Bargarh	Vegetable Seedlings	Carliflower	-	1910		25	1
Bargarh	Vegetable Seedlings	Cabbage	-	1000		10	
Bargarh	Vegetable Seedlings	Capsicum	-	900		10	
Bargarh	Vegetable Seedlings	Chilli	-	100		10	

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-fertilizer	Vermicompost	2330	7	16310	40	10

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	Status of	Year of	Details	No. of	No. of Farmers	No. of	Amount	Soil report distributed to the

Name	establishment of Lab	establishment		Samples		Villages	realized	farmers (Nos)
Bargarh	Not working	2004-05	NPK, Organic carbon, pH, EC etc	425	425	36	0	425

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	3 rd Nov-2 nd Dec	2015	Skill Upgradation training programme on “ Poultry and small ruminants rearing techniques”	30 days	30	30	-	30
Bargarh	17 th March-18 th March	2016	Exposure visit organized by BAIF Sambalpur	2 Days	25	2		30

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	0	0	

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations

Bargarh	07-08-2015	30	The training should be done in cluster approach at block level and BDO, Samiti Sabhya, should be informed about technologies.
			Monitoring on light trap for stem borer and other pests.
			To drop OFT on RIR as it is very docile so take any other breed like Chhabro, Kalinga Brown, Denim red etc
			Regarding OFT on Swarna Sampad, the Chairman suggested for planting on different dates as in season the price is dipping very low so that the date of planting can be standardise for better return.
			Seed production programme on Kharif onion
			Publication on Rainbow rooster and it should be distributed among large section of farming community
			On demonstration of Paddy varieties Lalat, the Chairman suggested to drop varies and technology which is more than 10 years. But the Sr. Scientist from RRTTS. Dr. S.Tripathy informed the house that sum of the popular variety like Lalat was denotified and again renotified as Lalat-1 as it is still a polar among the farmers
			OFT on bud necrosis and leaf webber infestation in groundnut
			Diagnostic visit for panicle mite and wider publicity of prevention panicle mites
			Vegetable seed production
			Instead of spine gourd promotion of pointed gourd variety Swarna Aloukik should be taken as a large number of farmers growing pointed gourd
			Training of value addition of milk
			Pre Rabi animal health camp
			Mass awareness programme on paddy-fodder cropping system in place of paddy-fallow cropping system.
Training for fodder cultivation and feed management			
OFT to be taken in Jhain Muga with the help of Agriculture Department in winter			
22-12-2015	30	1. The DDA, Bargarh suggested that the training should be more concentrated in all demonstration unit of KVK with joint collaboration of line departments and KVK adopted villages.	
		2. ADH suggested for the demonstration on wilt resistant var. Of cauliflower at Ambabhona and Bijepur block.	
		3. FLD on Arhar-Soyabean intercropping system for rainfed areas was replaced with FLD on popularization of sulphur application in mustard for Scientist Plant Science as per the suggestion of DDA Bargarh as mustard is the major crop of the district.	
		4. DDA Bargarh advised to give trials on use of neem cake and neem leaf compost.	
		5. On demonstration of Mung var. Jhain AO, Bargarh suggested at forum.	
		6. FLD on rice transplanter by KVK both on-campus and off-campus was suggested in the meeting.	
		7. DPD ATMA Bargarh suggested for publication of book on package and practices for irrigated and non- irrigated belt separately.	
		8. FLD on performance of oxyflorofen 23.5 EC in weed management of groundnut was suggested instead of FLD on HYV	

		<p>scented rice Nuadhusera (CR-Sugandhadhan-3) for crop diversification by replacing more area of paddy to groundnut.</p> <p>9. The CDVO, Bargarh emphasized on training of fodder cultivation.</p> <p>10. PPO Bhatli suggested for demonstration on bio-control agents by application of tricho card.</p> <p>11. IPM against BPH of paddy through non-chemical method at KVK in a pilot basis was suggested by PPO Bargarh.</p> <p>12. He also recommended that there should be a trial on comparison of different chemical fertilizers recommended for a particular disease control in a different plot but for same crop.</p> <p>13. NGO Debadutta Club suggested for conducting training programme on value addition of vegetable especially tomato.</p> <p>14. DFO, Bargarh recommended for popularization of pond based IFS.</p> <p>15. AHO Bhatli suggested to carry out an OFT on drip irrigation in tomato for Scientist Agril. Engineering.</p> <p>16. Sugarcane development Officer, Bargarh advised to carry out an OFT on Assesment of knowledge and adoption level of farmer towards SSI in sugarcane for Scientist Agril. Extension.</p> <p>17. DPD ATMA, Bargarh recommended for a FLD on impact of KMAS were proposed for Scientist Agril. Extension.</p> <p>1.</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	48	5757	55	Farmer's Portal	Crop Production, Plant Protection, Marketing, Awareness, Livestock, Horticulture

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				
Bargarh	RKVY	CENTRE				
Bargarh	DRDA	STATE				
Bargarh	BGREI	CENTRAL				
Bargarh	Others (Plz. Specify)					

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Bargarh	30163765041	22133	446951	483384

17. Awards & Recognitions

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

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 Patra	Use of sugarcane bud chipper	At-Patrapalli, po-Nuagada, Dist-Bargarh, Mob-7873131223
2	Bargarh	Jasbanta Budhia	Intercropping Ginger in banana	At-Raisuba, Po-Mulbar, Dist-Bargarh, Mob- 9556112085
3	Bargarh	Bilasini Khamari	Cultivation technology of marigold variety Pusa Basanti	At/Po-Kharsola, Dist-Bargarh, Mob-9937667111
4	Bargarh	Puspanjali Sadangi	Hybrid napier production	At-/Po-Kudapalli, Dist-Bargarh, Mob-9777404816
5	Bargarh	Jagyansini Nayak	IFS system	At-Pradhantikira, Po-Kubedega, Dist-Bargarh, Mob-9861172638
6	Bargarh	Dushmanta Patra	Drip irrigation in chilli	At-Ludupalli, po-Ambabana, dist-Bargarh, Mob-9777388768
7	Bargarh	Dineswar Sahu	SRI method	At/po-Purena, , Dist-Bargarh, Mob-9178522322
8	Bargarh	Tilotama Chanda	Supplementation of vitamin and mineral mixture to milch cows	At-Naikenpalli Po-Kadobahal, Dist-Bargarh, Mob-9777960469

9	Bargarh	Sachidananda Meher	Duckery with Khaki Camphbell	At/PO-Tukurla,Dist-Bargarh, Mob-8018942749
10	Bargarh	Gangadhar Pradhan	Summer vegetable	At-M.Gandapalli, po-Jaringi, Dist-Bargarh, Mob-9937678199

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	05.12.2015	200
2	23.12.2015	50
3	22.02.16	500

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.
1	Sambalpur, KVK	Manpower, machinery & Critical inputs	Techniques of Mango grafting
2	Sonepur, KVK	Manpower, machinery & Critical inputs	Dry land farming

24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Bargarh	Dr. Subhash Ch. Mohapatra	01-12-2015		JDE, OUAT, BBSR		During the visit of the skill upgradation training programme I feel privileged to be among all the KVK staff and participants. They fully concentrate with the trainees and resource person. This programme is an

						exemplary successful effort of this institute.
Bargarh	Dr. T.R. Athare	15-01-2016	Scientist, ICAR, ATARI, Jabalpur			I visited the cluster demonstration on groundnut in village Bonda and Ludupali. The one month crop is in good condition. Also the KVK interventions in Sansad Adarsh Gram on Mushroom, Tamato and Ginger, IFS are appreciable.
Bargarh	Dr. S.R.K. Singh	19-02-2016	Scientist, ICAR, ATARI, Jabalpur			We visited the KVK premises and initiated with scientists. They have given good picture of the agriculture and productivity. They are working with their zeal and knowledge.
Bargarh	Dr. B. Pradhan	14-03-2016			Professor, PBG, CA, OUAT, BBSR	We visited KVK, Bargarh, Gambharipali in connection with PPV & FRA meeting held at KVK, Sambalpur. The scientists and staffs are quite energetic to take up any work in the KVK. KVK is well main tended and crop fields are also ok.

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	02-04-2011	135	1978

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	Mr. N.C. Barik	Scientist Plant Pathology	1	
	Mr. S.K. Meher	Scientist Horticulture	1	
	Mr. T.C.Panda	Scientist Agril. Engin.	1	
	Total			

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Bargarh	3	3

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Bargarh	Mr. N.C. Barik	Scientist Plant Protection	IPM on oilseed and pulses in Orissa and Chhatisgarh	16-17 th April 2015
Bargarh	Mr. S.K. Meher	Scientist Horticulture	Nutrition rich vegetable crops	13-14 th August 2015
Bargarh	Mrs. S. Sahu and Mr. N.C. Barik	Scientist Home Science	Project report on and HRD training on Micro-irrigation, Minimal processing and KVK net	13-14 th August 2015
Bargarh	Miss R. Begum and Mr. D. Jena	Scientist Plant Science & PA (Plant Science)	Preparation of soil health card and its recommendation to the farmers	21 st Nov 2015
Bargarh	Mrs. S. Sahu and Mr. N.C. Barik	Scientist Home Science & Scientist Plant Protection	Issued and opportunity in agriculture in present agriculture scenario	28-29 th Jan 2015
Bargarh	Miss T. Bhoi	Scientist Agril Extension	Standard operational procedures of Farm-Science-Center	22-24 th Feb 2015
Bargarh	Mr. T.C.Panda	Scientist Agril Engineering	Training on Farm mechanism	29 Feb -3 March 2016
Bargarh	Mr. T.C.Panda	Scientist Agril Engineering	Technology justice	9 th Feb 2016
Bargarh	Mr. T.C.Panda	Scientist Agril Engineering	ISAE convention	19 th – 21 Jan 2016

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Bargarh	6	6

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

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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

Verms Produced

Name of KVK	Verms 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	Bargarh	1	-

Success stories

IFS - WHERE THERE IS A WILL, THERE IS A WAY

IFS established by a Thirty Nine year man is acted as Light House for those thousands of farmer who migrated from rural to urban city every year for earning and dropped agriculture as occupation because of their thinking that it will not turn into viable enterprise to get sustainable income round the year.

Sri Firoz Sahu is an enthusiastic and renowned farmer of Baulsingha Village of Bhatli Block of Bargarh district. Although he educated up to Inter-mediate, he is a successful and progressive agro-entrepreneur, perfectly suits to the proverb - **“Where there is a will, there is a way”**. He owns 20 acres of cultivated land where initially paddy were grown in traditional methods. Being curious he visited KVK, Bargarh and interacted with their scientists. Then a crop calendar was prepared by KVK personnel as per his existing resources and land topography. After that he was suggested to adopt pond based IFS (Integrated Farming System) which consists of a range of resource-saving practices that aim to achieve acceptable profits, and high and sustained production levels while maintaining eco-friendly environment. The components of his IFS are field crop, horticulture, pisciculture, livestock and vermi-composting unit.



Being exposed to KVK interventions he utilized the modern improved farm techniques in his farm enterprise and gives employment to other 4-5 people throughout the year. He has made a nursery bed for different types of vegetable & fruits. Every year he was participating in Dhanu Yatra of Bargarh district in which he had displayed his own exhibits for popularization of agricultural products among the farming community. He has 1 acre pond for pisciculture with 5000 fish-fingerlings each of Grass-carp, Rohi, Bhakura and Mirkali etc. He is growing vegetables like Cabbage, broccoli, pumpkin, pointed gourd and radish. He owns a 10-12 acre rice field var. silky in sowing method. Another attraction of his farm is Mango orchard having 200 plants like Langra, Amrapalii, Dusheri & Banganpalli etc. He has also grown fruits like pineapple, safeta, lime of 1000, 10 & 60 no of plants respectively. Extensively he is doing banana of G9 variety in 3 arce of land & 1.5 acre of Sweet corn sugar 75 variety. He has also one pair of improved breed of cow for milk purpose and is maintained with by-products obtained from the crop components.



He earned a gross income of approx. 15.30 lacs annually with an expenditure of Rs. 5.40 lacs. For his huge success and contribution towards agriculture he was awarded with many prizes like ATMA committee for fruits and vegetables, Krishi Mahotsav Sambalpur in 2014, Krishi Mahotsav Bhubaneswar in 2015 and Prakruti Bandhu award in 2015 at district level programme.



He developed a spirit that a man can be self employed and give employment to others from agriculture if he has interest and will power.

Photographs



Kharif 2015 - FLD on Sesamum (Oilseed)



Kharif 2015 - FLD on Arhar (Pulses)



Assessment of picoxystrobin as prevactive spray against blast



Popularization of light trap for control of for control of rice pest. 8 traps/acre



Assessment of yield potential of CR Borodhan-2 in rainfed condition



Decortications of mahua seeds done by mahua seed decorticator having weight 14-15 kg made up of mild steel and wooden bar



Swachh Bharat Aviyan



Demonstration of low cost poly tunnel for seedling raising



Integrated Farming System



Production of HYV ginger "SUPRAVA"



Kharif Onion Cultivation



Stripping of groundnut by groundnut stripper



BGERI Monitoring



Farmers fair At-Adarsh Sansad Gram (Vill- Nalichuan)

Sr. Scientist & Head
KVK, Bargarh