

ANNUAL PROGRESS REPORT

April 2016 to March 2017

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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. Grey 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 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 2016 to March 2017

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

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	08	-	
	On Going OFT	-	-	
	Technologies assessed (Completed OFT)	08	40	
	Technologies refined	-	-	
	On farm trials conducted	-	-	
2	Frontline demonstrations	-	-	
	Proposed Frontline demonstrations	-	-	
	On Going Frontline demonstrations	-	-	
	FLDs conducted on crops	08	190	
	Area under crops (ha.)	-	65	
	FLD on farm implement and tools	-	-	
	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.)	-	-	
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers		01	
	Farm women		01	
	Rural youth	05	01	174
	Extension personnel/ In service	11	01	249
	Vocational trainings	01	19	10
	Sponsored Training	13	01	354
	Total			
		No. of programmes	Participants	
4	Extension Programmes			
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)			
	Planting material produced (nos.)			
6	Livestock	Qty	Beneficiaries (nos.)	
	Livestock strains (Nos)	-	-	
	Milk Yield - Cow, Buffelo etc. (in liter)	-	-	
	Fish (Kg.)	-	-	
	Fingerlings (nos.)	-	-	
	Poultry-Eggs (nos.)	-	-	
	Ducks (nos.)	-	-	
	Chicks etc. (nos.)	-	-	

7	Bio Products	Qty	Beneficiaries (nos.)
	Bio Agents -Earth worm (Kg.)	11000	NSP Bhatapara
	Trichoderma (kg.)	-	-
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	-	-
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)	-	-
8	Any other significant achievement in the Zone	Nos.	Participants/ beneficiaries
	Award (Best KVK award and scientist and farmer's award)	-	-
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	05	mass
	KVK News letter		
	SAC Meetings conducted	01	60
	Soil sample tested	1400	7000
	Water sample tested	-	-
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	-	-
	KVK-KMA (Message and beneficiaries)	36	55595
	Convergence programmes	-	-
	Sponsored programmes	13	354
	KVK Progressive Farmers interaction	-	-
	No. of Technology Week Celebrations	-	-
	Attended HRD activities organized by ZPD	04	10
	Attended HRD activities organized by DES	07	12
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	-	-
9	Current status of Revolving Funds (Amt. in Rs.)	206272.00	
10		No. of blocks	No. of villages
	Outreach of KVK in the District	06	820
11		ICAR	SAU Others
	No. of important visitors to KVK (nos.)	04	
12		Working (Yes/No)	No. of Update
	Status of KVK Website	Yes	06
13		Application received	Application disposed
	Status of RTI (nos.)	Nil	Nil
14		Query received	Query dissolved
	Citizen Charter (nos.)	Nil	Nil
15		Working (Yes/No)	No. of programme viewed
	E-connectivity	Nil	Nil
16		Filled	Vacant
	Staff Position	11	05
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)		
18	Publication received from ICAR /other organization (nos.)	Nil	
19		Particulars	Organization
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)		

GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs on March, 2017

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Bhatapara	16	1	0	6	5	3	2	6	4	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
Bhatapara	Programme Coordinator	Shri Samir Kumar Tamrakar	Horticulture	M.Sc.(Hort.)	Horticulture	15600-39100 AGP-6000/-	21600	27.11.2016	Temporary	OBC
Bhatapara	Subject Matter Specialist1	Er. P.D.Verma	Agril. Engg.	M. Tech. (FMP)	Farm Machinery & Power	15600-39100 AGP-5400/-	21000	6.9.2012	Temporary	OBC
Bhatapara	Subject Matter Specialist2	Neetu Verma	Agronomy	M.Sc. (Agronomy)	Nutrient Management	15600-39100 AGP-5400/-	21000	7.9.2012	Temporary	OBC
Bhatapara	Subject Matter Specialist3	Shri Pradeep Kashyap	Soil Science	M.Sc. (Soil Science)	Soil Science	15600-39100 AGP-5400/-	21000	7.9.2012	Temporary	OBC
Bhatapara	Subject Matter Specialist4	Dr. Amit Shukla	Horticulture	PhD.(Hort.)	Horticulture	15600-39100 AGP-5400/-	21000	28.9.2012	Temporary	Gen.
Bhatapara	Subject Matter Specialist5	Deepmala Kindo	Plant pathology	M.Sc. (Plant pathology)	Plant Pathology	15600-39100 AGP-5400/-	21000	7.9.2012	Temporary	ST
Bhatapara	Subject Matter	Vacant	Livestock	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant

Name of KVK	Sanction post	Name of the incumbent	Discipline	Higist degree	Subject of specilization	Pay scale	Present pay	Date of joiing	Per./Temp.	Category
	Specialist6									
Bhatapara	Programme Assistant	Vacant	Entomology	Vacant	Vacant	9300-34800 AGP-4200/-	Vacant	Vacant	Vacant	Vacant
Bhatapara	Farm Manager	Aarti Verma	Agronomy	M.Sc. (Agronomy)	Agronomy	9300-34800 AGP-4200/-	13500	12.9.2012	Temporary	OBC
Bhatapara	Computer Programmer	Smt. Deepkala Thakur	Comp. Sc.	B.E. (Comp. Sc.)	Comp. Sc.	9300-34800 AGP-4200/-	13500	21.9.2012	Temporary	ST
Bhatapara	Accountant / superintendent	Syed Javed Ali	-	Metric	Commerce	5200-20200 AGP-2800/-	15610	03.05.1989	Temporary	Gen.
Bhatapara	Stenographer	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant
Bhatapara	Driver	Shri Tikam Dhruw	-	8th	8 th	5200-20200 AGP-1900/-	8810	17.4.2008	Temporary	ST
Bhatapara	Driver	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant
Bhatapara	Supporting staff	Shri Naindas Banjare	-	5th	5 th	4750-7440 AGP-1300/-	7480	8.2.2006	Temporary	SC
Bhatapara	Supporting staff	Shri Ashok Satnami	-	5th	5 th	4750-7440 AGP-1300/-	7480	8.2.2006	Temporary	SC

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

KVK Name	Agro-climatic zone	No . of Blocks	No. of Panchayats	Population	Literacy	SC and ST Population	No. of farmers	Average land holding
Bhatapara	Chhattisgarh Plain	6	499	496890	69%	184346	197760	1.20 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)
Bhatapara	Mohbhatta	2015	Simga	35 Km.		
Bhatapara	Seetapar	2015	Simga	30 Km		
Bhatapara	Pendri	2015	Bhatapara	10 Km		
Bhatapara	Kukrachunda	2015	Bhatapara	15 Km		
Bhatapara	Maldi	2015	Bhatapara	7 Km		
Bhatapara	Gurra	2015	Bhatapara	8 Km		
Bhatapara	Khairi	2015	Bhatapara	3 Km		
Bhatapara	Marrakona	2015	Simga	10Km		
Bhatapara	Rajadhar	2015	Bhatapara	4 km		
Bhatapara	Sarwani	2015	Kasdol	75 Km		

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

KVK Name	THRUST AREA
Bhatapara	Achieve yield potential of crop varieties
Bhatapara	Reduction in the cost of cultivation to get higher B:C ratio
Bhatapara	Promotion of bold seeded pulse production, particularly Pigeon pea.
Bhatapara	Promotion of green fodder for improvement in milk production for small and marginal dairy holders.
Bhatapara	Promotion of group marketing of vegetables for small and marginal farmers.
Bhatapara	Integrated nutrient management and correction of micronutrient deficiencies
Bhatapara	Promotion of integrated pest management in vegetables.
Bhatapara	Promotion low cost storage techniques of cereals, pulse, and vegetables for small and marginal farmers.
Bhatapara	Promotion of judicious use of water, pesticide and fertilizer.
Bhatapara	Rainfed Mechanization.
Bhatapara	Drudgery reduction and manual power harnessing through farm machinery and equipments.
Bhatapara	Promotion of technologies to improve availabilities of fixed nutrient in the soil through bio fertilizer.

Bhatapara	Promotion of soil test based fertilizer recommendation for major crop in the district.
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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
Balodabazar-Bhatapara	Rice var. Mahamaya is popular but became old var. And susceptible for Blast.	Group discussion and Survey	Most of the villages of the District Baloda Bazar- Bhatapara
Balodabazar-Bhatapara	Low productivity of Rice due to improper method of sowing.	Village visit and base line survey with the extension officers of Agril. Deptt.	Most of the villages of the District Baloda Bazar- Bhatapara
Balodabazar-Bhatapara	Low productivity of Soybean due to improper method of sowing.	Village visit and base line survey with the extension officers of Agril. Deptt.	Sum of the villages of the District Baloda Bazar- Bhatapara
Balodabazar-Bhatapara	Improper utilization of soil moisture in rabi crops(Wheat, Chickpea)	Village visit and base line survey with the extension officers of Agril. Deptt.	Most of the villages of the District Baloda Bazar- Bhatapara
Balodabazar-Bhatapara	Poor economic yield in Utera lathyrus in vertisol	Group discussion, Monthly Workshop and Survey	Most of the villages of Kasdol and Bilaigarh Block
Balodabazar-Bhatapara	Loss of marketable yield due to Yellow Vein Mosaic disease in Okra	Group discussion, Monthly Workshop and Survey	Most of the villages of the District Baloda Bazar- Bhatapara
Balodabazar-Bhatapara	Low yield and high infestation of Aphid due to late sown of Mustard Variety (December).	Group discussion, Monthly Workshop and Survey	Most of the villages of the District Baloda Bazar- Bhatapara
Balodabazar-Bhatapara	Low yield due to heavy infestation of Pod Borer in Chickpea	Group discussion, Monthly	Most of the

		Workshop and Survey	villages of the District Baloda Bazar- Bhatapara
Balodabazar-Bhatapara	Low yield due to leaf curl and wilt disease in Chilli and Tomato	Group discussion, Monthly Workshop and Survey	Most of the villages of the District Baloda Bazar- Bhatapara
Balodabazar-Bhatapara	Injudicious use of insecticide to control fruit and shoot borer in Brinjal.	Group discussion, Monthly Workshop and Survey	Most of the villages of the District Baloda Bazar- Bhatapara
Balodabazar-Bhatapara	Low yield due to heavy infestation of weeds in Okra	Group discussion, Monthly Workshop and Survey	Most of the villages of the District Baloda Bazar- Bhatapara
Balodabazar-Bhatapara	Low yield due to use of local Varieties of Black gram and Lathyrus.	Group discussion and Survey	Most of the villages of the District Baloda Bazar- Bhatapara
Balodabazar-Bhatapara	Post Harvest losses in vegetables due to unavailability of storage facilities.	Group discussion and Survey	Most of the villages of the District Baloda Bazar- Bhatapara

2. On Farm Testing (OFT)

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
- Kindly mention realistic estimated yield of your crop under trail.
- If crop has been not yet harvested, mark it * on that

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	
Balodabar-Bhatapara	2015-16	Kharif	Water logging, less production in soybean	Assesment of Broad bed seed cum fertilizer drill for ridge and furrow method of soybean cultivation in different spacing..	Assessment	Farm Mechanization	Soybean	Irrigated	05	12.30	19.56	-	21780	44616	-	
Balodabar-Bhatapara	2016-17	Kharif	Yield losses in rainy season (kharif) due to weed infestation in Okra	Assessment of weed management in Okra	Assessment	Weed Management	Okra	Irrigated	05	95	120	-	45000	75000	-	
Balodabar	2016-	Kharif	Sheath	Assessment	Assessment	Disease	Rice	Rainfed	05	36.60	40.70	-	22880	30243	-	

zar-Bhatapara	17		blight & stem borer is one of the major problem in the district causing serious yield losses	of Chemicals against Sheath Blight & insect pests of Rice		Management / PLP										
Balodabazar-Bhatapara		Kharif	due to improper management of sfertilizer	Assessment of INM in Rice	Assessment	INM	Rice	Rainfed	05	32.23	44.31		24778.1	38335.7	-	
Balodabazar-Bhatapara		Kharif	due to improper management of fertilizer	Assessment of INM in Soybean	Assessment	INM	Soybean	Irrigated	05	11.7	17.2		16383	29328	-	
Balodabazar-Bhatapara	2016-17	Rabi	Delay in sowing due to not availability of optimum field condition for preparation.	Assessment of Zero till seed cum fertilizer drill for line sowing of mustard.	Assessment	Farm Mechanization	Mustard	Irrigated	05	8.2	9.8		19810	28790	-	
Balodabazar-Bhatapara	2016-17	Rabi	Because of the disease incidence in tomato crop farmers suffers 35 to 40 % yield loss.	Assessment of Hybrid cv. Arka Rakshak of Tomato	Assessment	Varietal Evaluation	Tomato	Irrigated	05	700	800		245000	305000	-	
Balodabazar-Bhatapara	2016-17	Rabi	Low yield due to fusarium wilt	Assessment of Trichoderma in fusarium wilt of	Assessment	IDM		Irrigated	05	229.60	264.80		54700	80231	-	

				Brinjal												
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2.2 Economic Performance

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

KVK Name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/Refinement)	Thematic Area	Details of Technology Selected for Assessment	Characteristics of Technology / Variety / Product / Enterprise	Farming / Enterprise Situation	No. of trials	Recommendations
Balodabazar-Bhatapara	2016-17	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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

KVK name	OFT Title	Performance Indicator / Parameter													
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Cardiac Cost of Work		% Saving of cardiac Cost	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
Balodabazar-Bhatapara	2016-17	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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

KVK name	OFT Title	Performance Indicator / Parameter											
		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Balodabazar-Bhatapara	2016-17	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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

KVK name	OFT Title	Performance Indicator / Parameter													
		Composition of product		Input used		outcome (Kg)		Cost of input		Incremental income		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Balodabazar-Bhatapara	2016-17	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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

KVK name	OFT Title	Performance Indicator / Parameter				Nutrient Intake (Unit)								Anthropometric measurements					
		Name of vegetable/Fruit/Product		Per capita Consumption gm/ day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)		Increase in Weight (Kg)		Increase in Height (cm)		Increase in BMI (%)	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
Balodabazar-Bhatapara	2016-17	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Balodabazar-Bhatapara	2016-17	Nil	Nil

2.5 Feedback from KVK to Research System

Name of KVK	Feedback
Balodabazar-Bhatapara	

3. Achievements of Frontline Demonstrations (FLD)

3.1. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated and popularized during previous years and recommended for large scale adoption in the district

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha

Note-

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

3.2 Details of FLDs implemented

KVK Name	year	Season	The matic 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
Balodabazar-Bhatapara	2016-17	Kharif	Farm Mechanization	Demonstration of Tractor Drawn Seed cum fertilizer drill for line sowing of paddy	Paddy	Mahamaya	05	39.04	41.85	7.19	01	04	07	0	12
Balodabazar-Bhatapara	2016-17	Kharif	Farm Mechanization	FLD on tractor driven axial flow multi-crop thresher for paddy threshing	Paddy	Mahamaya	05	1.30	9.98	668	03	02	07	0	12
Balodabazar-Bhatapara	2016-17	Kharif	INM	Demonstration of Soil Test Based Fertilizer application on Rice	Paddy	Mahamaya	05	31.2	44.5	42.62	0	0	12	0	12
Balodabazar-Bhatapara	2016-17	Kharif	Disease Management	FLD on management of blast disease of Paddy var. Mahamaya	Paddy	Mahamaya	05	36.61	42.55	16.22	0	04	08	0	12
Balodabazar-Bhatapara	2016-17	Rabi	Farm Mechanization	FLD on Zero till seed cum fertilizer drill for line sowing of wheat	Wheat	Ratan	05	24.80	27.50	10.89	0	12	0	0	12

Balodabazar-Bhatapara	2016-17	Rabi	Farm Mechanization	FLD on Seed cum fertilizer drill for line sowing of Chickpea	Chickpea	JG-14	05	11.8	16.2	37.29	04	05	03	0	12
Balodabazar-Bhatapara	2016-17	Rabi	IPM	Demonstration on Integrated Pest Management in Gram Pod Borer	Chickpea	Jaki- 9218	05	9.71	13.47	38.72		02	10	0	12
Balodabazar-Bhatapara	2016-17	Rabi	INM	Demonstration on foliar application of water soluble fertilizer on growth and yield of Cauliflower	Cauliflower		05	455	665	46	0	0	0	05	05

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)
Balodabazar-Bhatapara	Demonstration of Tractor Drawn Seed cum fertilizer drill for line sowing of paddy	Paddy	(No. of panicles m ⁻²)	227	243	43241	35777	43241	60677	13365.00	24900.00	1.31	1.70
Balodabazar-Bhatapara	FLD on tractor driven axial flow multi-crop thresher for paddy threshing	Paddy	Energy required for threshing one tonne of crop (kWh)	9.8	19.4	289	203	167	68	26540	29460	1.73	2.99

Balodabazar -Bhatapara	Demonstration of Soil Test Based Fertilizer application on Rice	Paddy	No. of tillers/m ²	188.6	228.8								
						22300	25600	45864	65415	23564	39815	2.05	2.55
Balodabazar -Bhatapara	FLD on management of blast disease of Paddy var. Mahamaya	Paddy	Disease index	14.80	8.60	30404.80	29374	54419.40	61240.2	24014.60	31866.2	0.79	1.10
Balodabazar -Bhatapara	FLD on Zero till seed cum fertilizer drill for line sowing of wheat	Wheat	No. of Panicle/m ²)	162	179	23190	21025	38440	42625	15250	21600	1.66	2.03
Balodabazar -Bhatapara	FLD on Seed cum fertilizer drill for line sowing of Chickpea	Chickpea	No. of pods/plant	36	48	50980	40270	87480	63720	36500	23450	1.72	1.58
Balodabazar -Bhatapara	Demonstration on Integrated Pest Management in Gram Pod Borer	Chickpea	% Pod Damage	19.68	12.71	20057	17300.00	47593.25	36957.00	27536.25	19657.00	1.16	1.37
Balodabazar -Bhatapara	Demonstration on foliar application of water soluble fertilizer on growth and yield of Cauliflower	Cauliflower	Fruit Weight (g)	400	650	70000	72000	227500	332500	157500	260500	3.25	4.61

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

KVK name	Year	Season	Thematic Area	Problem Identified	Technology to be Demonstrated as Solution to the Identified Problem	Crop/ Enterprise (In which crop Enterprise or Farming Activity)	Name of Variety/Technology/Enterprises	Farming Situation	Proposed area (ha)	No. of Beneficiaries
Balodabazar-Bhatapara	2016-17	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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

KVK name	OFT Title	Performance Indicator / Parameter													
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Cardiac Cost of Work		% Saving of cardiac Cost	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
Balodabazar-Bhatapara	2016-17	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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

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

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

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

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

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

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Balodabazar - Bhatapara	Nil	Nil	Nil	Nil	Nil

3.7 Details of FLD on crop hybrids.

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

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
Balodabazar - Bhatapara	Nil	Nil	Nil	Nil

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Balodabazar - Bhatapara	

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
Bhatapara	IS (Monthly Workshop)	Group discussion and survey	KVK, Bhatapara	30-35 Agril. Extension Officers in each Training.

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
Balodabazar-Bhatapara	FW	ONC	PLP	Training prog on Importance of Seed treatment	01	01	2	0	10	0	3	0	7	0
Balodabazar-Bhatapara	FW	ONC	PLP	Training prog on IPM in Kharif Crops	01	01	1	0	7	0	1	0	6	0
Balodabazar-Bhatapara	FW	ONC	PLP	Training prog on IDM in Kharif Crops	01	01	0	0	0	0	0	0	25	0
Balodabazar-Bhatapara	FW	ONC	PLP	Training prog on Insect pest management in Rabi pigeonpea	01	01	0	0	0	0	0	0	16	0
Balodabazar-Bhatapara	FW	ONC	PLP	Training prog on Making of Trichoderma	01	01	0	0	0	0	11	0	4	0
Balodabazar-Bhatapara	FW	ONC	PLP	Training prog on IDM in Rabi Crops	01	01	1	0	0	0	1	0	20	0
Balodabazar-Bhatapara	FW	ONC	PLP	Training prog on IPM in Kharif Crops	01	01	1	0	16	4	0	0	17	0
Balodabazar-Bhatapara	FW	OFC	PLP	Training prog on management of Store grain pest	01	01	0	0	0	0	1	0	15	0
Balodabazar-Bhatapara	FW	OFC	PLP	Training prog on IPM in Rice	01	01	0	0	0	0	0	0	15	0
Balodabazar-Bhatapara	FW	OFC	PLP	Training prog on IDM in Rice	01	01	0	0	0	0	21	0	0	0
Balodabazar-Bhatapara	FW	OFC	PLP	Training prog on insect pest management in	01	01	0	0	10	10	0	0	0	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
				pigeonpea										
Balodabazar-Bhatapara	FW	OFC	PLP	Training prog on insect pest management in soybean	01	01	0	0	1	4	0	6	1	2
Balodabazar-Bhatapara	FW	OFC	PLP	Training prog on mushroom production technique	01	01	0	0	38	0	0	0	5	0
Balodabazar-Bhatapara	FW	OFC	PLP	Training prog on IPM in Rabi Crops	01	01	0	0	0	0	0	0	25	0
Balodabazar-Bhatapara	FW	OFC	OTH	Training on Awareness of Parthenium grass at Village Sendri	01	01	0	0	0	15	0	0	0	0
Balodabazar-Bhatapara	FW	OFC	OTH	Disease management in paddy	01	01	0	0	0	0	0	0	21	0
Balodabazar-Bhatapara	FW	OFC	OTH	IPM in chickpea	01	01	0	0	0	0	0	0	24	0
Balodabazar-Bhatapara	FW	OFC		Disease management in Rabi Pigeon Pea Crop	01	01	0	0	0	0	0	0	20	0
Balodabazar-Bhatapara	IS	OFC	OTH	In service training off campus in simga	01	01	4	0	1	1	0	0	12	4
Balodabazar-Bhatapara	FW	OFC	PLP	Training on lac cultivation	01	01	0	0	0	0	0	0	1	0
Balodabazar-Bhatapara	FW	OFC	OTH	Training on swachh Bharat Abhiyan	01	01	0	0	0	0	2	2	21	1
Balodabazar-Bhatapara	FW	ONC	CPR	Production tech. of Kharif crop	01	01	2	0	10	0	3	0	7	0
Balodabazar-Bhatapara	FW	OFC	HOV	Post harvest management of Horticultural crops	01	01	1	0	7	0	1	0	6	0
Balodabazar-Bhatapara	FW	OFC	HOV	Weed management in Vegetables	01	01	0	0	0	0	0	0	25	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Balodabazar-Bhatapara	FW	OFC	HOV	Nursery raising in Vegetable	01	01	0	0	0	0	0	0	16	0
Balodabazar-Bhatapara	FW	OFC	HOV	Production technique of Rabi crops	01	01	0	0	0	0	11	0	4	0
Balodabazar-Bhatapara	FW	OFC	HOV	Nursery plant production techniques	01	01	1	0	0	0	1	0	20	0
Balodabazar-Bhatapara	FW	OFC	HOV	Water management in vegetables	01	01	1	0	16	4	0	0	17	0
Balodabazar-Bhatapara	FW	OFC	OTH	nutrient management in bitter gourd	01	01	0	0	0	0	0	0	20	0
Balodabazar-Bhatapara	FW	OFC	OTH	cultivation of Arka Rakshak	01	01	0	0	0	0	0	0	22	0
Balodabazar-Bhatapara	FW	ONC	HOV	Training programme on fruit crop	01	01	0	0	0	0	12	0	14	0
Balodabazar-Bhatapara	FW	ONC	HOV	Low cost storage techniques in vegetable	01	01	0	0	0	0	3	0	12	0
Balodabazar-Bhatapara	FW	ONC	HOV	Post harvest management of Horticultural crops	01	01	0	0	13	0	0	0	2	0
Balodabazar-Bhatapara	FW	ONC	HOV	Water management in vegetables	01	01	0	0	0	0	2	0	18	0
Balodabazar-Bhatapara	FW	ONC	HOV	Orchard establishment technique	01	01	3	0	2	1	36	6	27	1
Balodabazar-Bhatapara	FW	ONC		Vermicomposting	01	01	0	0	0	0	0	0	39	6
Balodabazar-Bhatapara	FW	ONC	CRP	Production technique of Pigeon Pea	01	01	0	0	5	0	0	0	21	0
Balodabazar-Bhatapara	FW	ONC		Mushroom Production Technique	01	01	0	0	14	23	0	0	0	11

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
Balodabazar-Bhatapara	FW	ONC	OTH	Training on Awareness of Parthenium grass at Village	01	01	0	0	6	0	0	0	15	0
Balodabazar-Bhatapara	FW	OFC	HOV	Low cost storage techniques in vegetable	01	01	0	0	0	0	0	0	27	0
Balodabazar-Bhatapara	FW	OFC	SFM	Methods of biofertilizer application in vegetables	01	01	0	0	0	0	0	0	27	0
Balodabazar-Bhatapara	FW	OFC	HOV	Orchard establishment technique	01	01	0	0	0	0	0	0	27	0
Balodabazar-Bhatapara	FW	OFC	PLP	Judicious use of pesticide in vegetables	01	01	0	0	0	0	0	0	28	0
Balodabazar-Bhatapara	FW	OFC	CPR	Improved cultivation of chickpea	01	01	0	0	0	0	0	0	33	0
Balodabazar-Bhatapara	FW	OFC	CPR	Weed Management in Kharif crops	01	01	0	0	0	0	0	0	26	0
Balodabazar-Bhatapara	FW	OFC	SFM	Vermicompsting	01	01	0	0	15	0	0	0	0	0
Balodabazar-Bhatapara	FW	OFC	CPR	SRI Method	01	01	1	0	8	0	2	0	10	0
Balodabazar-Bhatapara	FW	OFC	CPR	Cultivation of Pigeon Pea	01	01	0	0	0	0	9	0	18	0
Balodabazar-Bhatapara	FW	OFC	CPR	Weed Management in Rabi crops	01	01	4	0	3	0	1	0	11	0

Table 5.2. Details of Vocational training programmes for Rural Youth conducted by the KVKs

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries							
					Gen		SC		ST		Others	
					M	F	M	F	M	F	M	F
Balodabazar-	Training programme Mushroom Production	Enterprise	-	01	3	0	0	1	3	2	25	6

Bhatapara												
Balodabazar-Bhatapara	Training programme Awareness of Parthenium grass	-	-	01	4	0	2	1	0	1	12	6
Balodabazar-Bhatapara	Training programme on making of Trichoderma	Enterprise	-	01	0	0	0	0	1	1	16	2
Balodabazar-Bhatapara	Training programme Mushroom Production	Enterprise	-	01	2	0	0	0	1	1	12	24
Balodabazar-Bhatapara	Training programme on Mushroom Production	Enterprise	-	01	0	0	0	1	0	2	18	27

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	
Balodabazar	Nil	Nil	Nil	Nil	Nil

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		
Balodabazar-Bhatapara	Production technique of Pigeon Pea	CPR	ONC	FW	2 Days	01	1	0	10	0	8	0	2	0	NFSM Scheme (Dept. of Agriculture)	-
Balodabazar-Bhatapara	Weed Management in Kharif crops	CPR	OFC	FW	01	01	0	0	18	0	0	0	9	0	ATMA	-
Balodabazar-Bhatapara	Cultivation of Pigeon Pea	CPR	ONC	FW	2 Days	01	4	0	11	0	3	0	1	0	ATMA	-
Balodabazar-Bhatapara	SRI Method	CPR	OFC	FW	01	01	0	0	39	6	0	0	0	0	AMBUJA	-

Balodabazar-Bhatapara	Production technique of Pigeon Pea	CPR	ONC	FW	01	01	0	0	21	0	5	0	0	0	NFSM Scheme (Dept. of Agriculture)	-
Balodabazar-Bhatapara	Mushroom Production Technique	PLP	OFC	FW	01	01	0	0	0	11	14	23	0	0	ATMA	-
Balodabazar-Bhatapara	Disease management in Pigeon Pea Crop	PLP	OFC	FW	01	01	0	0	20	0	0	0	0	0	ATMA	-
Balodabazar-Bhatapara	Water management in vegetables	HOV	OFC	FW	01	01	0	0	27	0	0	0	0	0	ATMA	-
Balodabazar-Bhatapara	Disease management in Rabi Pigeon Pea Crop	PLP	OFC	FW	01	01	0	0	27	0	0	0	0	0	ATMA	-
Balodabazar-Bhatapara	Training prog on Making of Trichoderma	PLP	OFC	FW	01	01	0	0	27	0	0	0	0	0	ATMA	-
Balodabazar-Bhatapara	Training prog on IDM in Kharif Crops	PLP	OFC	FW	01	01	0	0	28	0	0	0	0	0	ATMA	-
Balodabazar-Bhatapara	Training on lac cultivation	PLP	ONC	FW	01	01	0	0	33	0	0	0	0	0	ATMA	-
Balodabazar-Bhatapara	Training prog on IPM in Rabi Crops	PLP	OFC	FW	01	01	0	0	26	0	0	0	0	0	ATMA	-

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		
Balodabazar-Bhatapara	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	

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	
Balodabazar-Bhatapara	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials				
				M	F	M	F	M	F	Purpose	Topic s	Crop Stages
Balodabazar-Bhatapara	Field Day	13	08	45	0	70	0	05	0	-	-	-
Balodabazar-Bhatapara	Kisan Mela	2	01	140	142	180	22	17	08	-	-	-
Balodabazar-Bhatapara	Kisan Ghosthi	6	03	83	8	90	10	05	02	-	-	-
Balodabazar-Bhatapara	Exhibition	-	-	-	-	-	-	-	-	-	-	-
Balodabazar-Bhatapara	Film Show	2	-	-	-	-	-	-	-	-	-	-
Balodabazar-Bhatapara	Method Demonstrations	1	-	-	-	-	-	-	-	-	-	-
Balodabazar-Bhatapara	Farmers Seminar	-	-	-	-	-	-	-	-	-	-	-
Balodabazar-Bhatapara	Workshop	-	-	-	-	-	-	-	-	-	-	-
Balodabazar-Bhatapara	Group meetings	2	2							-	-	-
Balodabazar-Bhatapara	Lectures delivered as resource persons	10	-	-	-	-	-	-	-	-	-	-
Balodabazar-Bhatapara	Newspaper coverage	10	17	Mass	Mass	Mass	Mass	Mass	Mass	-	-	-
Balodabazar-Bhatapara	Radio talks	5	-	Mass	Mass	Mass	Mass	Mass	Mass	-	-	-
Balodabazar-Bhatapara	TV talks	2	01	Mass	Mass	Mass	Mass	Mass	Mass	-	-	-
Balodabazar-Bhatapara	Popular articles	10	06	Mass	Mass	Mass	Mass	Mass	Mass	-	-	-
Balodabazar-	Extension Literature	4	03	Mass	Mass	Mass	Mass	Mass	Mass	-	-	-

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials				
				M	F	M	F	M	F	Purpose	Topic s	Crop Stages
Bhatapara												
Balodabazar-Bhatapara	Farm advisory Services	50	36	19250	9290	20315	6520	165	55	-	-	-
Balodabazar-Bhatapara	Scientific visit to farmers field	25	27	50	-	37	-	3	-	-	-	-
Balodabazar-Bhatapara	Farmers visit to KVK	500	1327	622	175	320	110	75	25	-	-	-
Balodabazar-Bhatapara	Diagnostic visits	50	69	102	-	54	-	5	-	-	-	-
Balodabazar-Bhatapara	Exposure visits	1	03	84	-	42	-	-	-	-	-	-
Balodabazar-Bhatapara	Ex-trainees Sammelan	-	-	-	-	-	-	-	-	-	-	-
Balodabazar-Bhatapara	Soil health Camp	2	01	140	42	80	22	17	08	-	-	-
Balodabazar-Bhatapara	Animal Health Camp	-	-	-	-	-	-	-	-	-	-	-
Balodabazar-Bhatapara	Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-
Balodabazar-Bhatapara	Soil test campaigns	1	-	-	-	-	-	-	-	-	-	-
Balodabazar-Bhatapara	Farm Science Club conveners meet	-	-	-	-	-	-	-	-	-	-	-
Balodabazar-Bhatapara	Self Help Group conveners meetings	-	-	-	-	-	-	-	-	-	-	-
Balodabazar-Bhatapara	Mahila Mandals conveners meetings	-	-	-	-	-	-	-	-	-	-	-
Balodabazar-Bhatapara	Celebration of important days (World environment day)	-	01	-	-	-	-	7	3	-	-	-

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
Balodabazar-Bhatapara	April- June 2016	Three months	500	500
Balodabazar-Bhatapara	July- Sep 2016	Three months	500	500
Balodabazar-Bhatapara	Oct-Dec 2016	Three months	500	500
Balodabazar-Bhatapara	Jan-March 2017	Three months	500	500

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Balodabazar-Bhatapara	Leaflet	Faslon men Gandhak ka Mahattav	Shri Pradeep Kumar Shri Sameer Kumar Tamrakar Er. P.D.Verma Neetu Verma Dr. Amit Shukla Deepmala Kindo Smt. Aarti Verma Er. Parmanand	
Balodabazar Bhatapara	Folder	Khad ki dakshata badhane hetu Sujhav	Shri Pradeep Kumar Shri Sameer Kumar Tamrakar Er. P.D.Verma Neetu Verma Dr. Amit Shukla Deepmala Kindo Smt. Aarti Verma	
Balodabazar Bhatapara	Folder	Pramukh paudh poshak tatvo ke gundharm	Shri Pradeep Kumar Shri Sameer Kumar Tamrakar Er. P.D.Verma Neetu Verma Dr. Amit Shukla Deepmala Kindo Smt. Aarti Verma	

7.3 Details of Electronic Media Produced

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

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.)
Balodabazar-Bhatapara	Oilseed	Soybean	JS-9752	10.00	-	-	-
Balodabazar-Bhatapara	Oilseed	Mustard	C.G. Sarso	0.74	-	-	-
Balodabazar-Bhatapara	Pulses	Moong	Hum-12	5.00	-	-	-
Balodabazar-Bhatapara	Pulses	Pigeon Pea	Asha	22.00	-	-	-
Balodabazar-Bhatapara	Pulses	Gram	JG-14	17.00	-	-	-
Balodabazar-Bhatapara	Pulses	Field Pea	Paras	8.50	-	-	-
Balodabazar-Bhatapara	Pulses	Rabi Pigeon Pea	Asha	7.00	-	-	-
Balodabazar-Bhatapara	Cereals	Paddy	Rajeshwari	7.00	-	-	-
Balodabazar-Bhatapara	Cereals	Paddy	Mahamaya	17.00	-	-	-
Balodabazar-Bhatapara	Cereals	Maize	Ajeet Vjra	4.52	-	-	-
Balodabazar-Bhatapara	Cereals	Wheat	GW-366	6.84	-	-	-

8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Balodabazar-Bhatapara	Vegetable	Tomato	Arka- Rakshak	2662	100/-Plant	20	

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.)
Balodabazar-Bhatapara	Bio Agents	-	-	-	-	-	-
Balodabazar-Bhatapara	Bio Agents	-	-	-	-	-	-
Balodabazar-Bhatapara	Bio Fertilizer	Vermi compost	11000 kg	-	10/- Kg	NSP Bhatapara	-
Balodabazar-Bhatapara	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
Balodabazar-Bhatapara	-	-	-	-	-	-

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)
Balodabazar-Bhatapara	Working	2015	-	1400	7000	25	-	4000

9.2 Details of water samples analyzed so far :

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

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
Balodabazar-Bhatapara	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

11. Utilization of Farmers Hostel facilities

KVK Name	Months	Year	Title of the training course	Duration of training	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)	Accommodation available (No. of beds)
Balodabazar-Bhatapara	-	2016-17	*Used for DKSCARS, Bhatapara	-	-	-	-	-

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
Balodabazar-Bhatapara	-	-	-	-	-

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Balodabazar-Bhatapara	09.06.2016	60	-

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.		
Balodabazar-Bhatapara	36	55418	177	Farmers Portal	Delivered messages are based on seasonal recommendations

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
Balodabazar-Bhatapara	Nil	Nil	Nil	Nil	Nil	Nil

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Balodabazar-Bhatapara	10721612251	174870.00	206272.00	+31402.00

17. Awards & Recognitions

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

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.	Balodabazar-Bhatapara	YES	DES

b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
Balodabazar-Bhatapara	Crop Cafeteria	Kharif Crop Cafeteria-2016-17 1. Demonstration of Six improved variety of Rice- swarna,mahamaya,Sonamasuri,

		<p>Chandrabhasini, Purnima and MTU-1010</p> <p>2. Demonstration of Seven varieties of colocasia- Indira Arbi-1, IGSCOL-K10-2, IGSCOL-BL-12-1, White Growing, IGSCOL-K10-1, IGSCOL-E-6, IGSCOL-JS-12-1</p> <p>Rabi Crop Cafeteria-2016-17</p> <p>1. Demonstration of four varieties of Wheat -Kanchan,Ratan,GW-273 ,GW-366</p> <p>2. Demonstration of Bold seeded wilt resistance Varieties of Chickpea – JAKI, JG-14,JG-130, JG-226</p>
Balodabazar-Bhatapara	Technology Desk	Available in KVK
Balodabazar-Bhatapara	Visitors Gallery	
Balodabazar-Bhatapara	Technology Exhibition	Developed at KVK
Balodabazar-Bhatapara	Technology Gate-Valve	<p>1) Zero tillage</p> <p>2) Utera wheat</p> <p>3) Rabi arhar</p> <p>4) Green Shed Net House</p> <p>5) Integrated Pest Management (IPM)</p> <p>6) Integrated Nutrient Management (INM)</p> <p>7) Kitchen Garden</p> <p>8) Fruit Plantation</p> <p>9) Azola unit</p> <p>10) Vermi Composting unit</p>

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
Balodabazar-Bhatapara	Demonstration of improved variety of Rice	06
Balodabazar-Bhatapara	Demonstration of Seven varieties of colocasia	07
Balodabazar-Bhatapara	Demonstration of Wheat varieties	04
Balodabazar-Bhatapara	Demonstration of improved Chickpea varieties	04

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.	Balodabazar-Bhatapara	-	-	-

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.	-	-

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Balodabazar-Bhatapara	03	06	09	640

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

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

Sr. No.	Name of crop under Technology demonstration	Area under the programme	No. of Extension Activities	Remarks / Lessons learnt
01	Balodabazar-Bhatapara	-	-	-

23. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
01	Mahasamund	-	-
02	Kawardha	-	-

24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Balodabazar-Bhatapara	Shri Ramesh Bais, Sansad, Raipur	04.04.2016	-	-	01	-
Balodabazar-Bhatapara	Shri Shivratan Sharma, MLA, Bhatapara	04.04.2016	-	-	01	-
Balodabazar-Bhatapara	Smt. Poonam Markandey, Jila Panchayat Adhyaksh, Distt. Balodabazar-Bhatapara	04.04.2016	-	-	01	-
Balodabazar-Bhatapara	Shri S. Vasau Raju, Collector Zila Balodabazar Bhatapara	04.04.2016	-	-	01	-
Balodabazar-Bhatapara	Smt. Bharti Verma, President, Janpad Panchayat, Bhatapara	04.04.2016	-	-	01	-
Balodabazar-Bhatapara	Shri Ashwani Sharma, Upadhyaksh, Jila Panchayat, Balodabazar-Bhatapara	04.04.2016	-	-	01	-
Balodabazar-Bhatapara	Smt. Poonam Markandey, Jila Panchayat Adhyaksh, Distt. Balodabazar-Bhatapara	05.12.2016	-	-	01	-
Balodabazar-Bhatapara	Dr. S. Patil, Hon'ble Vice Chancellor, IGKV, Raipur	24.01.2017	-	01	-	-
Balodabazar-Bhatapara	Shri Shivratan Sharma, MLA,	24.01.2017	-	-	01	-

Bhatapara	Bhatapara					
Balodabazar-Bhatapara	Dr. A.K. Tiwari, Director & Coordinator Directorate of Pulses Development, Govt. of India, Min. of Agri -& FW (DAC&FW), 6th floor, Vindhyachal Bhavan	27.09.2016	01	-	-	-
Balodabazar-Bhatapara	Dr. M. Dutta, National Consultant (Oilseed, DAC & FW, GOI, New Delhi)	30.09.2016	01	-	-	-
Balodabazar-Bhatapara	Dr. A.P. Dwivedi, Sr. Scientist, ATARI Jabalpur	20.10.2016	01	-	-	-
Balodabazar-Bhatapara	Dr. S.R.K. Singh, Sr. Scientist, ATARI Jabalpur	20.12.2016	01	-	-	-
Balodabazar-Bhatapara	Dr. K.L. Nandeha, Principle Scientist, DES, IGKV, Raipur		-	01	-	-
Balodabazar-Bhatapara	Dr. M.P. Thakur, DES, IGKV, Raipur		-	01	-	-
Balodabazar-Bhatapara	Dr. S. Palewal		01	-		-
Balodabazar-Bhatapara	Dr. S.N. Agrawal Asstt. Vatenory surgeon, Bhatapara		-	01	-	-
Balodabazar-Bhatapara	Dr. S. Patil, Hon'ble Vice Chancellor, IGKV, Bhatapara		-	01	-	-

25. Status of KVK Website:

Sr.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
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No.				
1	Balodabazar-Bhatapara	01.06.2014	06	573

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			
Balodabazar-Bhatapara	Nil	Nil	Nil	Nil	Nil	Nil	Nil

27. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
01	Balodabazar-Bhatapara	Nil	Nil	

28. Status of Citizen Charter

Sr. No.	Name of KVK	Query received(Nos)	Query Disposed(Nos)	Remarks
01	Balodabazar-Bhatapara	Nil	Nil	

29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Balodabazar-Bhatapara	Er. P.D. Verma	SMS (Agril. Engg.)	02	
Balodabazar-Bhatapara	Shri Pradeep Kumar	SMS (Soil Sc.)	01	
Balodabazar-Bhatapara	Dr. Amit Shukla	SMS (Horticulture)	05	
Balodabazar-Bhatapara	Smt. Deepkala Thakur	Programme Asstt. (Computer)	02	
	Total	04	10	

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
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Balodabazar-Bhatapara	04	10
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30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Balodabazar-Bhatapara	Er. P.D. Verma	SMS (Agril. Engg.)	03	
Balodabazar-Bhatapara	Shri Pradeep Kumar	SMS (Soil Sc.)	01	
Balodabazar-Bhatapara	Dr. Amit Shukla	SMS (Horticulture)	02	
Balodabazar-Bhatapara	Smt . Deepmala Kindo	SMS (Plant Pathology)	02	
Balodabazar-Bhatapara	Smt. Deepkala Thakur	Programme Asstt. (Computer)	02	
Balodabazar-Bhatapara	Smt. Aarti Verma	Farm Manager	01	
Balodabazar-Bhatapara	Shri Syed Javed Ali	A.G.-I	01	
	Total	07	12	

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Balodabazar-Bhatapara	07	12

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
Balodabazar-Bhatapara	Nil	Nil	Nil	Nil

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Balodabazar-Bhatapara	Nil	Nil

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
Balodabazar-Bhatapara	-	-	-

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

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

34. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

Name of KVK	Crops	Area (ha)	Number of beneficiaries

Farmers-scientists interaction on livestock management

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

Animal health camps organized

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

Seed distribution in drought hit states

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

Seedlings and Saplings distributed

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

Bio-control Agents

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

Bio-Fertilizer

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

Vermis Produced

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

Large scale adoption of resource conservation technologies

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

Awareness campaign

Name of KVK	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers
Bhatapara	-	-	03	191	08	120	01	509	-	-	-	-

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
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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

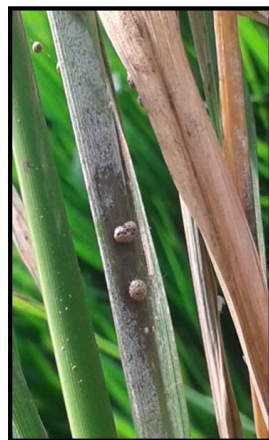
38. Well labeled Photographs for each activity of the KVK (Soft copies as well as hard copy- specially for all OFT along with the problem) –



Assessment of weed management in Okra



Assessment of Hybrid cv. Arka Rakshak of Tomato



Assessment of Chemicals against Sheath Blight & insect pests of Rice



Treated Plot



Untreated Plot



Wilt affected Plot



Assessment of *Trichoderma* in fusarium wilt of Brinjal



OFT on Zero till seed cum fertilizer drill for line sowing of mustard