

## **PROFORMA FOR ANNUAL REPORT2017-18 (April 2017to March 2018)**

### **1. GENERAL INFORMATION ABOUT THE KVK, BOUDH**

1.1. Name and address of KVK with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
At-Paljhar, P.O.-Salunki, Dist-Boudh, Pin-762026	-	-	kvkboudh.ouat@gmail.com

1.2 .Name and address of host organization with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
Orissa University of Agriculture & Technology, Bhubaneswar-751003	0674-2397970	0674-2397780	<a href="http://ouat.nic.in">http://ouat.nic.in</a>

1.3. Name of the Programme Coordinator with phone & mobile No.

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr.Sutanu Kumar Satapathy	At-KVK Campus, Paljhar, Boudh-762026	9437619310	satapathysutanu@gmail.com

**1.4. Year of sanction of KVK:** Krishi Vigyan Kendra, Boudh was established by ICAR in 01.07.2005 under the control of Orissa University of Agriculture and Technology at Paljhar farm. Boudh district is bounded by River Mahanadi & Angul District to the north, Kandhamal District to the south, Nayagarh District to the east and River Tel & Subarnapur District to the west, covering a geographical area of 3098 sq km, the district lies between 20° 22' N to 20° 50' North Latitude and 83° 34'E to 84°49' East Longitude.

1.5. Staff Position (as on 1<sup>st</sup> April, 2017)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/ OBC/ Others)
1	Programme Coordinator	S. Satapathy	Sr. Scientist & Head	Horticulture	15600-39100 AGP -6000	01-07-16	Temporary	Others
2	Subject Matter Specialist	A.B Das	Scientist	Agril. Extension	15600-39100 AGP -6000	25/06/12	Temporary	SC
3	Subject Matter Specialist	Ms J R Mallick	Scientist	Entomology	15600-39100 AGP -6000	05/01/16	Temporary	ST
4	Subject Matter Specialist	B.P.Giri	Scientist	Horticulture	15600-39100 AGP -6000	08/10/09	Temporary	Others
5	Subject Matter Specialist	Vacant	-	-	-	-	-	-
6	Subject Matter Specialist	Vacant	-	-	-	-	-	-
7	Subject Matter Specialist	Vacant	-	-	-	-	-	-
8	Programme Assistant	Vacant	-	-	-	-	-	-
9	Computer Programmer	Md. Sadakat Ali	Prog. Asst (Computer )	-	9300-34800 AGP- 4200	28/12/10	Temporary	Others
10	Farm Manager	Harapriya Sethy	Farm Manager	Horticulture	9300-34800 AGP-4200	03/02/15	Temporary	SC
11	Accountant / Superintendent	T.Pani	Accountant / superintendent	-	9300-34800 AGP-4600	29/12/10	Permanent	Others
12	Stenographer	B. K. Behera	Stenographer	-	5200- 20000 AGP -2400	16/01/06	Temporary	SC
13.	Driver	T. Sahoo	Driver	-	5200-20200 AGP-1900	07/09/15	Temporary	Others
14.	Driver	G.S.Choudhury	Driver	-	5200-20200 AGP-1900	15/11/13	Temporary	Others
15.	Supporting staff	B. Baral	Supporting staff	-	4440-14680 AGP-1300	20/12/07	Temporary	Others
16.	Supporting staff	K. Samal	Supporting staff	-	4440-14680 AGP-1300	20/12/07	Temporary	Others

### 1.6. Total land with KVK (in ha)

S. No.	Item	Area (ha)
1	Under Buildings	
2.	Under Demonstration Units	
3.	Under Crops	
4.	Orchard/Agro-forestry	
5.	Others with details	
	<b>Total</b>	

*Total area should be matched with breakup*

## 1.7. Infrastructure Development:

#### A) Buildings and others

13.	Mushroom production unit	-	-	-	-	Yes	-	Use	ICAR
14.	Shade house	-	-	-	-	-	-	-	-
15.	Soil test Lab	-	-	-	-	Yes	-	Use	ICAR
16	Others,Please Specify	-	-	-	-	-	-	-	-

\* If not in use then since when and reason for non-use

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
TATA SUMO				Running Condition

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
<b>a. Lab equipment</b>				
<b>b. Farm machinery</b>				
<b>c. AV Aids</b>				

D) Farm implements

#### 1.8. Details SAC meeting\* conducted in the year

\* Salient recommendation of SAC in bullet form

*Attach a copy of SAC proceedings along with list of participants*

2.a. District level data on agriculture, livestock and farming situation (2017-18)

Sl. no.	Item	Information
1	Major Farming system/enterprise	Rice-pulses, Rice Oilseeds, Rice-rice, Rice-Vegetables, Sugarcane, Cotton, Goatery, Diary
2	Agro-climatic Zone	Western Central Table land
3	Agro ecological situation	Hot to sub humid
4	Soil type	Black soil, Mixed red & Black, Red soil
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	
6	Mean yearly temperature, rainfall, humidity of the district	
7	Production of major livestock products like milk, egg, meat etc.	

Note: Please give recent data only

2.b. Details of operational area / villages (2017-18)

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1	Boudh	Boudh	Amthapada	Paddy Pigeonpea Onion Vegetable Goatery	Paddy-Paddy Pigeonpea Onion	Drought tolerant variety Short duration , Pod borer damage

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2017-18) for its development and action plan

Name of village	Block	Action taken for development
Rampur	Boudh	Training, OFT (PP), OFT(Hort),FLD
Isirisinga	Boudh	Training, OFT (PP), OFT(Hort),FLD,
Amthapada	Boudh	Training, OFT (PP), OFT(Hort),FLD, Module Activity
Palaspat	Boudh	Training, OFT (PP), OFT(Hort),FLD
Lambakani	Harbhanga	Training, OFT (PP), CFLD Activity

2.1 Priority thrust areas

S. No	Thrust area
1.	Crop diversification and varietal substitution
2.	Integrated Nutrient Management practices in crops
3.	Acid soil reclamation
4.	Integrated Pest & Disease Management
5.	Improving productivity of horticultural crops
6.	Farm mechanization, post-harvest and soil and water conservation
7.	Drudgery reduction
8.	Scientific management of Goatery, Apiary, Fishery & Dairy
9.	Organic farming
10.	Post-Harvest Management and Value Addition
11.	Soil and Water Conservation
12.	Organic farming-use of vermicompost, Azolla and biofertiliser

### 3. TECHNICAL ACHIEVEMENTS

#### 3.A.Details of target and achievement of mandatory activities by KVK during the year

OFT						FLD							
No. of technologies:			No. of technologies:			Number of FLDs			Number of farmers				
Target	Achievement	Target	Achievement	SC/ ST	Others	Total	Target	Achievement	Target	Achievement	SC/ ST	Others	Total
08	08	56	18	44	56	56	11	11	110	18	92	110	

Training						Extension activities							
Number of Courses		Number of Participants				Number of activities		Number of participants					
Target	Achievement	Target	Achievement	SC/ ST	Others	Total	Target	Achievement	Target	Achievement	SC/ ST	Others	Total
49	49	1110				1110	36	37	229	253	476	729	

Seed production (q)				Planting material (in Lakh)			
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement

Livestock strains and fish fingerlings produced (in lakh)*				Soil, water, plant, manures samples tested (in lakh)			
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement

\* Give no. only in case of fish fingerlings

Publication by KVKS		
Item	Number	No. circulated
Research paper		
Seminar/conference/ symposia papers		
Books		
Bulletins		
News letter	1	500
Popular Articles		
Book Chapter		
Extension Pamphlets/ literature	10	5000
Technical reports		
Electronic Publication (CD/DVD etc)		
<b>TOTAL</b>		

1 Achievements on technologies assessed and refined

## OFT-1

1.	Title of On farm Trial	
2.	Problem diagnosed	
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	
4.	Source of Technology	
5.	Production system and thematic area	
6.	Performance of the Technology with performance indicators	
7.	Final recommendation for micro level situation	

8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

*Thematic area:*

Problem definition:

Technology assessed:

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs./ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						

Results:

**Please provide all the OFTs in same format**

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Cereals

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
				Proposed	Actual	SC/ST	Others	Total	
1.									
2.									
3.									
4.									

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O					

In both the Tables, information of same crop should be provided. For example, if in Table 3.2A crops are mentioned as a,b,c,d etc., in the table for Details of farming situation, the same crop should be mentioned in the identical sequence.

## Performance of FLD

## Oilseeds:

## Frontline demonstrations on oilseed crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Maize	Weed Management	Use of Atrazine @ 2kg/ha at pre emergence stag	10	1.0	4.8	3.6	33	22880	42480	19600	1.85	21150	34300	13200	1.62
Paddy	INM	Green manuring with Dhanicha @ 25 kg / ha, application of Azospirillum , PSB & 75 % N, P <sub>2</sub> O <sub>5</sub> & full K <sub>2</sub> O	10	1.0	3.2	2.7	18	19800	34000	14200	1.74	17350	28150	10800	1.62
Paddy	Weed Management	Pre-emergence application of Pretilachlor (6%) @ 660g/ha at 3-7 DAT	10	2.0	31.6	28.5	10	19500	31650	12150	1.62	18200	28500	10300	1.56
<b>Total</b>			30	4.0	39.6	34.8	61	62180	108130	45950	5.21	56700	90950	34300	4.8

\* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST

## Pulses

## Frontline demonstration on pulse crops: NA

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)	% Increase	*Economics of demonstration (Rs./ha)	*Economics of check (Rs./ha)
------	---------------	-------------------------------------	----------------	-----------	--------------	------------	--------------------------------------	------------------------------

\* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST

## Other crops

## Livestock

\* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST

## Fisheries : NA

\* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST

## Other enterprises

\* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST

## Women empowerment

Category	Name of technology	No. of demonstrations	Observations		Remarks
			Demonstration	Check	
Farm Women					
Pregnant women					
Adolescent Girl					
Other women					
Children					
Neonatal					
Infants					

## Farm implements and machinery

\* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

**\*\* BCR= GROSS RETURN/GROSS COST**

## Demonstration details on crop hybrids





### Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back

### Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days				
2.	Farmers Training				
3.	Media coverage				
4.	Training for extension functionaries				

### Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2017 and Rabi 2017-18:

#### A. Technical Parameters:

Sl. No	Crop demonstrated	Existing (Farmer's ) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Pigeonpea	Kandule (Desi)	6.8			7.32	Asha + Improved package of practices IMP	50	20	9.1	7.1	8.1			
2	Greengram	Tola Muga	7.8			8.1	Improved package of practices IMP	25	10	8.8	8.2	8.5			
3	Blackgram	Kaduabiri	6.8			7.5	Blackgram var. Prasad with NPK 20:40:20 ha with need based pest plant protection measure	25	10	8.2	7.8	8.0			

4	Greengram	Chaitimuga	8.1				Greengram var. IPM-02-03 with NPK 20:40:20 ha with need based pest plant protection measure	125	50	9.2	8.8	9.0		
5	Mustard	Kuji soresa	4.5				Mustard var. M-27 with NPK 30:20:15 ha with need based pest plant protection measure	25	10	6.9	4.7	5.8		
6	Groundnut	Bhuin Chana	11.8				Groundnut var. K-6 with NPK 30:20:15 ha with need based pest plant protection measure	25	10	15.8	12.6	14.2		
7	Sunflower	Kusumi	5.8				Sunflower var. MSFH-17 with NPK 30:20:15 ha with need based pest plant protection measure	25	10	8.2	6.4	7.4		

### B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1	Pigeonpea (ASHA) with Improved	16880	27200	10320	1.61	18500	32400	13900	1.75

	package of Practices								
2	Greengram (IPM-02-03) with NPK 20:40:20 ha with need based pest plant protection measure	24425	35100	10675	1.43	22250	38250	16000	1.71
3	Blackgram var. Prasad with NPK 20:40:20 ha with need based pest plant protection measure	23350	34700	11350	1.48	21550	37650	16100	1.74
4	Greengram var. IPM-02-03 with NPK 20:40:20 ha with need based pest plant protection measure	22450	36450	14000	1.62	20800	40500	19700	1.94
5	Mustard var. M-27 with NPK 30:20:15 ha with need based pest plant protection measure	23100	33750	10650	1.46	20500	43500	23000	2.12
6	Groundnut var. K-6 with NPK 30:20:15 ha with need based pest plant protection measure	31600	53100	21500	1.68	31250	63900	32650	2.04

7	Sunflower var. MSFH-17 with NPK 30:20:15 ha with need based pest plant protection measure	10650	17400	6750	1.63	11200	22200	11000	1.98
---	---	-------	-------	------	------	-------	-------	-------	------

### C. Socio-economic impact parameters

Sl. No .	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household )	Selling Rate (Rs/Kg )	Produc e used for own sowing (Kg)	Produce distribute d to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/hous e hold)
1	Pigeonpea (Asha)	15200	250	40	30	10	Domesti c needs	01
2	Greengram IPM-02-03	8500	300	45	10	10	Domesti c needs	01
3	Blackgram (Prasad)	6800	27	45	10	5	Domesti c needs	01
4	Greengram (IPM-02-03)	40500	324	45	10	10	Domesti c needs	01
5	Mustard (M-27)	4500	180	75	10	10	Domesti c needs, Local Sale	01
6	Groundnut (K-6)	1180	47	50	40	40	Domesti c needs, Local Sale	01
7	Sunflower (MSFH-17)	580	23	30	-	-	Domesti c needs, Local Sale	01

### D. Oilseed Farmers' perception of the intervention demonstrated

Sl. No .	Technologi es demonstrated	Farmers' Perception parameters						
		Suitabilit y to their farming	Likings (Preferenc e)	Affordabilit y	Any negative effect	Is Technology acceptable	Suggestions, for change/improveme nt, if any	

	(with name)	system				to all in the group/village	
1	Mustard (M-27) Improved package of practices with NPK 30:20:15 & need based plant protection measures	Bunded upland	Line Deptt. Officers	Good	Early showing results more yield & resulting more oil content	Yes	Must be plasticized in irrigated patches
2	Groundnut (K-6) Improved package of practices with NPK 30:20:15 & need based plant protection measures	Upland	Line Deptt. Officers	Good	Field preparation with Gypsum & Sulphur gives better yield	Yes	Soil treatment with Chloropyriphus may be initiated in termite & white grub prone areas
3	Sunflower (MSFH-17) Improved package of practices with NPK 30:20:15 & need based plant protection measures	Upland	Line Deptt. Officers	Good	Field preparation with Gypsum + Sulphur & Micronutrient gives better yield	Yes	Pollination of behaviour with artificial agents (With hand and clean muslin cloth) should be encourage. Irrigation should be provided at seed setting to maturity stage.

### E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Pigeonpea (ASHA) with Improved package of Practices	Line sowing with East West direction of 45 x 20 cm	Line sowing with balance fertilizer application gives better result over local check	Farmers are appreciated with the line sowing as such technology enhance good intercultural operation by yield maximization
Greengram- Var. IPM- 02-03) with NPK 20:40:20 ha with need based pest plant protection measure	Line sowing with East West direction of 30 x 10 cm	Line sowing NPK 20:40:20 with full $P_2O_5$ + $\frac{1}{2} N_2$ as a basal & $\frac{1}{2} N_2$ + Full $k_2O$ at 30 DAS	Farmers are appreciated with the line sowing as such technology enhance good intercultural operation by yield maximization
Blackgram var. Prasad with NPK 20:40:20 ha with need based pest plant protection measure	Line sowing with East West direction of 30 x 10 cm	Line sowing NPK 20:40:20 with full $P_2O_5$ + $\frac{1}{2} N_2$ as a basal & $\frac{1}{2} N_2$ + Full $k_2O$ at 30 DAS	Farmers are appreciated with the line sowing as such technology enhance good intercultural operation by yield maximization
Greengram var. IPM-02-03 with NPK 20:40:20 ha with need based pest plant protection measure	Line sowing with East West direction of 30 x 10 cm	Line sowing NPK 20:40:20 with full $P_2O_5$ + $\frac{1}{2} N_2$ as a basal & $\frac{1}{2} N_2$ + Full $k_2O$ at 30 DAS	Farmers are appreciated with the line sowing as such technology enhance good intercultural operation by yield maximization
Mustard var. M-27 with NPK 30:20:15 ha with need based pest plant protection measure	Line sowing with East West direction of 30 x 10 cm	Line sowing NPK 80:40:20 with full $P_2O_5$ + $\frac{1}{2} N_2$ as a basal & $\frac{1}{2} N_2$ + Full $k_2O$ at 30 DAS & Sulphur (Amonium Sulfate) @ 30kg/ha during land preparation	Farmers are appreciated with the line sowing as such technology enhance good intercultural operation by yield maximization
Groundnut var. K-6 with NPK 30:20:15 ha with need based pest plant protection measure	Line sowing with East West direction of 20 x 10 cm	Line sowing NPK 20:40:20 with full $P_2O_5$ + $\frac{1}{2} N_2$ as a basal & $\frac{1}{2} N_2$ + Full $k_2O$ at 30 DAS & foliar application of Boron @ 1 kg/ha at pre flowing stage	Farmers are appreciated with the line sowing as such technology enhance good intercultural operation by yield maximization
Sunflower var. MSFH-17 with NPK 30:20:15 ha with need based pest	Line sowing with East West direction of 45 x 30 cm	Line sowing NPK 20:40:20 with full $P_2O_5$ + $\frac{1}{2} N_2$ as a basal & $\frac{1}{2} N_2$ +	Farmers are appreciated with the line sowing as such technology enhance

plant protection measure		Full k <sub>2</sub> O & Multi micro nutrient @ 10kg/ha at 30 DAS & foliar application of Boron @ 1 kg/ha at pre flowing stage	good intercultural operation by yield maximization
--------------------------	--	---	--

#### **F. Extension activities under FLD conducted:**

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Field day	Dt. 18.11.2017 village- Majhisahi	50 Nos.
2	Field day	Dt. 20.11.2017 village- Kanakpur	50 Nos.
3	Diagnostic Field Visit	Dt. 13.8.2017 village- Majhisahi & Amthapada	15 Nos.
4	Farmers Interaction	Dt. 17.10.2017 village- Kanakpur, Amthapada, Gochapada, Isirisinga, Brahminipalli	35 Nos.

**G. Sequential good quality photographs (as per crop stages i.e. growth & development)**

## **H. Farmers' training photographs**

## I. Quality Action Photographs of field visits/field days and technology demonstrated.

## **J. Details of budget utilization**

Crop (Provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input			
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day)			
	iv) Publication of literature			
	Total			

### **K. List of Farmer under FLD (Crop wise)**

## Crop1: Sunflower

Crop Summary														
Name of farmer	Farmer's name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)	Soil test	Recommendations	Brief	Variety	Seed quantity	Demo. Yield (q/ha)	Yield of local check	% increase
John Doe	John Doe	Greenfield	Block A	9876543210	john.doe@example.com	40°30'N 75°45'E	Soil test results	Based on soil test results	Brief description	Variety A	500 kg	5000 q/ha	5000 q/ha	5%



chand	Chand														
Pabitra Pradhan	Ragh u Prad han	Badh igao n	Bo udh	-	-	84°16.1 83	20°49. 425	Yes							
Khag eswar Thak ur	Niod hi Thak ur	Badh igao n	Bo udh	-	-	84°16.1 83	20°49. 425	Yes							
Parak hita Swai n	Braj a Swai n	Badh igao n	Bo udh	-	-	84°16.1 83	20°49. 425	Yes							
Chitr asena Swai n	Ang ada Swai n	Badh igao n	Bo udh	-	-	84°16.1 83	20°49. 425	Yes							
Balm iki Pradhan	Hari Prad han	Lam baka ni	Bo udh	-	-	84°15.4 59	20°49. 230	Yes							
Ranje et Pradhan	Mah ePra dhan	Lam baka ni	Bo udh	-	-	84°15.4 59	20°49. 230	Yes							

**a) Crop 2: Mustard**

Name of farmer	Father's name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMS format)	Soil testing done (Yes/No)	Recommendations based on soil test value	Brief technology intervention	Variety	Seed quantity used	Demo. Yield (q/ha)	Yield of local check q/ha	% increase
						Latitude	Longitude					H	L	A
Jhan tu Dang a	Bais haba Dang a	Kana kpur	Bo udh			84°13. 593	20°44. 667	Yes						
Giris h Chandra pradh an	Ark ur pradh an	Kana kpur	Bo udh			84°13. 593	20°44. 667	Yes						
Alek ha Sahu	Baris ta sahu	Kana kpur	Bo udh			84°13. 709	20°44. 764	Yes						



ur	Thku r													
Basa nta Swai n	Banc hanid hi Swai n	Badh igaon	Bo udh		84°16. 182	20°49. 334	Yes							
Sunil Prad han	Hima nsu pradh an	Badh igaon	Bo udh		84°15. 459	20°49. 230	Yes							
Nara pradh an	Dirju pradh an	Badh igaon	Bo udh		84°15. 459	20°49. 230	Yes							
Balar am Dehu ry	Giris h dehury	Baun suni	Bo udh		84°04. 137	20°49. 008	Yes							
Nara yan dehury	Raha s biuha ri Dehury	Baun suni	Bo udh		84°04. 226	20°49. 079	Yes							

### 3.3 Achievements on Training (Including the sponsored and FLD training programmes):

#### **A) Farmers and farm women (on campus)**





## **B) Rural Youth (on campus)**



### **C) Extension Personnel (on campus)**

#### **D) Farmers and farm women (off campus)**





**E) RURAL YOUTH (Off Campus)**



## **F) Extension Personnel (Off Campus)**

## **G) Consolidated table (ON and OFF Campus)**

### i. Farmers & Farm Women







## ii. RURAL YOUTH (On and Off Campus)

### iii. Extension Personnel (On and Off Campus)

*Please furnish the details of training programmes as Annexure in the proforma given below*

#### *H) Vocational training programmes for Rural Youth*

### *Details of training programmes for Rural Youth*

\*training title should specify the major technology /skill transferred

## I) Sponsored Training Programmes

### 3.4. A. Extension Activities (including activities of FLD programmes)

MahilaMandals Conveners meetings											
Celebration of important days (specify)											
Sankalp Se Siddhi											
Swatchta Hi Sewa											
MahilaKisan Divas											
Any Other (Specify)											
Total											

### B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	
Radio talks	
TV talks	
Popular articles	
Extension Literature	
Other, if any	

### 3.5 a. Production and supply of Technological products

#### *Village seed*

Crop	Variety	Quantity of seed (q)	Value (Rs)	No. of farmers involved in village seed production	Number of farmers to whom seed provided
Total					

#### *KVK farm*

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided
Pigeonpea	Ujwala PRG-176	7 qt	84,700	23
Dhanicha	Local	0.5 qt	2,000	09
Blackgram	Prasad	0.8 qt	3,540	08
<b>Grand Total</b>		<b>8.3 qt</b>	<b>90,240</b>	<b>40</b>

### Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided
<b>Vegetable seedlings</b>				
Cauliflower	Snow ball	1500	1500	05
Cabbage	Pride of India	1500	1500	07
Tomato	Utkal Pragyan	20700	20700	11
Brinjal	JK Desi	767	767	03
Onion	Bhima Super & Bhima Dark Red	336000	16800	09
Colocassia	Muktekeshi	2 qtl	2000	29
<b>Fruits</b>				
Mango	Amarapalli	91	3185	13
Guava				
Lime				
Papaya	Red lady	50	1000	10
Banana				
Others				
Ornamental plants				
Medicinal and Aromatic				
Plantation				
Spices				
Turmeric				
Tuber				
Elephant yams				
Fodder crop saplings				
Forest Species				
<b>Total</b>		<b>360608</b>	<b>47452</b>	

### Production of Bio-Products

Name of product	Quantity	Value (Rs.)	No. of Farmers benefitted
	Kg		
Bio-fertilizers			
Bio-pesticide			
Bio-fungicide			
Bio-agents			
Others, please specify.			
<b>Total</b>			

## Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Small ruminants				
Sheep				
Goat				
Other, please specify				
Poultry				
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)	Rain booster	200	12000	07
Piggery				
Piglet				
Others (Pl. specify)				
Fisheries				
Indian carp				
Exotic carp				
Mixed carp				
Fish fingerlings				
Spawn				
Others (Pl. specify)				
Grand Total				

**3.5. b. Seed Hub Programme-“Creation of Seed Hubs for Increasing Indigenous Production of Pulses in India”**

i) Name of Seed Hub Centre:

Name of Nodal Officer :	
Address :	
e-mail :	
Phone No. : Mobile :	

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2017	Pigeonpea	Ujala (PRG-176)	10 qt	1.5 ha	7 qts	Foundation
	Dhanicha	Local		1.5 Acre	0.5 qts	
Rabi 2017-18	Blackgram	Prasad	1 qt	1 Acre	0.8 qts	TL

iii) Financial Progress

Fund received (2016-17 and 2017-18)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2016-17				
2017-18				

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

3.6. (A) Literature Developed/Published (with full title, author & reference)

Item	Title	Author's name	Number	Circulation
Research paper				
Seminar/conference/symposia papers				
Books				
Bulletins				
News letter				
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature				
Technical reports				
Electronic Publication (CD/DVD etc)				
<b>TOTAL</b>				

N.B.: Please enclose a copy of each. In case of literature prepared in local language please indicate the title in English

(B) Details of HRD programmes undergone by KVK personnel:

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.					
2.					
3.					
4.					
5.					
6.					
7.					

3.7. Success stories/Case studies, if any (two or three pages write-up on 1-2best case(s) with suitable action photographs)

Name of farmer	
Address	
Contact details (Phone, mobile, email Id)	
Landholding (in ha.)	
Name and description of the farm/enterprise	
Economic impact	
Social impact	
Environmental impact	
Horizontal/ Vertical spread	

3.8. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year

3.9. a. Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

Sl. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)

3.10. Indicate the specific training need analysis tools/methodology followed by KVKS

3.11. a. Details of equipment available in Soil and Water Testing Laboratory

Sl. No	Name of the Equipment	Qty.


## 3.11.b. Details of samples analyzed so far :

Number of soil samples analyzed			No. of Farmers	No. of Villages	Amount realized (in Rs.)
Through mini soil testing kit/labs	Through soil testing laboratory	Total			
	-				

## 3.11.c. Details on World Soil Day

Sl. No.	Activity	No. of Participants	No. of VIPs	Name (s) of VIP(s)	Number of Soil Health Cards distributed	No. of farmers benefitted

## 3.12. Activities of rain water harvesting structure and micro irrigation system

No of training programme	No of demonstrations	No of plant material produced	Visit by the farmers	Visit by the officials

## 3.13. Technology week celebration

Type of activities	No. of activities	Number of participants	Related crop/livestock technology

## 3.14. RAWE/ FETprogramme - is KVK involved? (Y/N)

No of student trained	No of days stayed
ARS trainees trained	No of days stayed

## 3.15. List of VIP visitors (Minister/ MP/MLA/DM/VC/ZilaSabhadipati/Other Head of Organization/Foreigners)

Date	Name of the person	Purpose of visit

## 4. IMPACT

4.1. Impact of KVK activities (Not to be restricted for reporting period).

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants

4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread

Give information in the same format as in case studies

4.3. Details of impact analysis of KVK activities carried out during the reporting period

4.4. Details of innovations recorded by the KVK

Thematic area	
Name of the Innovation	
Details of Innovator	
Back ground of innovation	
Technology details	
Practical utility of innovation	

4.5. Details of entrepreneurship development

<b>Entrepreneurship development</b>	
Name of the enterprise	
Name & complete address of the entrepreneur	
Role of KVK with quantitative data support:	
Timeline of the entrepreneurship development	
Technical Components of the Enterprise	
Status of entrepreneur before and after the enterprise	
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. ( Economic viability of the enterprise):	
Horizontal spread of enterprise	

4.6. Any other initiative taken by the KVK

## 5. LINKAGES

### 5.1. Functional linkage with different organizations

Name of organization	Nature of linkage

5.2. List of special programmes undertaken during 2017-18 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies (**information of previous years should not be provided**)

### a) Programmes for infrastructure development

Name of the programme/scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)

(b) Programme for other activities (training, FLD,OFT, Mela, Exhibition etc.)

Name of the programme/scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)

## 6. PERFORMANCE OF INFRASTRUCTURE IN KVK

### 6.1. Performance of demonstration units (other than instructional farm)

## 6.2. Performance of Instructional Farm (Crops)


6.3. Performance of Production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.					

6.4. Performance of instructional farm (livestock and fisheries production)

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.							
2.							
3.							

6.5. Utilization of hostel facilities

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
Total :			

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed:

No. of staffquarters: 6 Nos

Date of completion: 24.04. 2012

Occupancy details:

Months	Q I	Q II	Q III	Q IV	Q V	Q VI
01.06.2012						
Alloted to staff of KVK,Boudh	3R	E-2	E-2	E-3	E-4	2RA

7. FINANCIAL PERFORMANCE

## 7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Current KVK Account	SBI, Baghiapada	Baghiapada, Boudh	11758917116
Revolving Account	SBI, Baghiapada	Baghiapada, Boudh	30586643554

7.2. Utilization of funds under CFLD on Oilseed (*Rs. In Lakhs*)

Item	Released by ICAR		Expenditure		Unspent balance as on -
	Kharif	Rabi	Kharif	Rabi	
		125500			
		124500			
		25000			

7.3. Utilization of funds under CFLD on Pulses (*Rs. In Lakhs*)

Item	Released by ICAR		Expenditure		Unspent balance as on 1 <sup>st</sup> April 2013
	Kharif	Rabi	Kharif	Rabi	
	275520	-			

## 7.4. Utilization of KVK funds during the year 2017-18(Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
<b>A. Recurring Contingencies</b>				
1	Pay & Allowances			
2	Traveling allowances	1,00,000	1,00,000	1,00,000
3	Contingencies			
A	OE (Stationery, Electric, tel, etc)			
B	Pol/ Vehicle	4,00,000	4,00,000	4,00,000
C	Training			
D	Trg, T. Material, Exten act, Rural Youth	3,10,000	3,10,000	3,10,000
E	FLD	2,60,000	2,60,000	2,60,000
F	OFT	1,30,000	1,30,000	1,30,000
G	Sankalp Se Siddhi	80,000	80,000	80,000
H	Maintenance of Building	3,00,000	3,00,000	3,00,000
<b>TOTAL (A)</b>		<b>15,80,000</b>	<b>15,80,000</b>	<b>15,80,000</b>
<b>B. Non-Recurring Contingencies</b>				
1	AC (2 Nos)	1,00,000	1,00,000	96,000
2	Laptop (1 No)	50,000	50,000	50,000
3	Inverter	25,000	25,000	25,000
4	Laser Printer	13,000	13,000	13,000
5	Digital Camera	12,000	12,000	12,000
6	LG LED TV	50,000	50,000	50,000
7	Conference Table	50,000	50,000	50,000
<b>TOTAL (B)</b>		<b>3,00,000</b>	<b>3,00,000</b>	<b>2,96,000</b>
<b>C. REVOLVING FUND</b>				
<b>GRAND TOTAL (A+B+C)</b>				

## 7.5. Status of revolving fund (Rs. in lakh) for last three years

Year	Opening balance as on 1 <sup>st</sup> April	Income during the year	Expenditure during the year	Net balance in hand as on 1 <sup>st</sup> April of each year (Kind + cash)
2015-16	1,06,024	1,98,536	74,088	2,30,472
2016-17	2,30,472	1,27,891	1,08,363	2,50,000*
2017-18	2,00,000*	1,42,715	71,299	2,71,416

\*Received from Comptroller, OUAT Vide LtNo. 150/DEE dt. 24.6.2017

\*Refunded to DEE, OUAT Vide ChNo. 734642 Dt. 31.3.2017 Vide LtNo. 161 Dt. 31.3.2017

7.6. (i) Number of SHGs formed by KVKs  
(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities  
(iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activity	Season	With line department	With ATMA	With both

8. Other information

8.1. Prevalent diseases in Crops

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)

8.2. Prevalent diseases in Livestock/Fishery: NA

Name of the disease	Species affected	Date of outbreak	Number of death/ Morbidity rate (%)	Number of animals vaccinated	Preventive measures taken in pond (in ha)

9.1. Nehru YuvaKendra(NYK) Training: NA

Title of the training	Period	No. of the participant	Amount of Fund

programme	From	To	M	F	Received (Rs)

#### 9.2. PPV & FR Sensitization training Programme: NA

Date of organizing the programme	Resource Person	No. of participants	Registration (crop wise)	
			Name of crop	No. of registration

#### 9.3. mKisanPortal (National Farmers' Portal/ SMSPortal)

Type of message	No. of messages	No. of farmers covered
Crop	35	32508
Livestock	-	
Fishery	-	
Weather	3	32508
Marketing	2	32508
Awareness	2	32508
Training information	-	
Other	-	
<b>Total</b>	<b>42</b>	<b>32508</b>

#### 9.4. KVK Portal and Mobile App: NA

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	
2.	No. of farmers registered in the portal	
3.	Mobile Apps developed by KV	
4.	Name of the App	
5.	Language of the App	
6.	Meant for crop/ livestock/ fishery/ others	
7.	No. of times downloaded	

#### 9.5. a. Observation of Swacha Bharat Programme

Date of Observation	Activities undertaken

#### b. Details of Swachhta activities with expenditure: NA

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office		
2. Basic maintenance		
3. Sanitation and SBM		

4. Cleaning and beautification of surrounding areas		
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste		
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level		
8. Swachhta Workshops		
9. Swachhta Pledge		
10. Display and Banner		
11. Foster healthy competition		
12. Involvement of print and electronic media		
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)		
14. No of Staff members involved in the activities		
15. No of VIP/VVIPs involved in the activities		
16. Any other specific activity (in details)		
<b>Total</b>		

#### 9.6. Observation of National Science day

Date of Observation	Activities undertaken

#### 9.7. Programme with Seema Suraksha Bal (BSF)

Title of Programme	Date	No. of participants

#### 9.8. Agriculture Knowledge in rural school:

Name and address of school	Date of visit to school	Areas covered	Teaching aids used
Govt. High School, Mendhimal, Boudh	03.12.2017	-	white boards, Leaflets

Give good quality 1-2 photograph(s)



## 9.9. Details of

### *‘Sankalp Se Siddhi’ Programme*

Date of programme	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha/ Rajyasabha ) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Door Dars han (Yes/ No)	Coverage by other chan nels (Nu mber )
				MLAs Attended the programme	Chairman ZilaPanchayat	Distt. Collect or/ DM	Bank Officia ls	Farmers	Govt. Official s, PRI member s etc.	Total		
6-9-2017	NA	01	NA	NA	01	01	02	350	13	368	NO	NO

#### 9.10. Details of Swachhta Hi Sewa programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
NA	NA	NA	NA	NA	NA

#### 9.11. Details of Mahila Kisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	The different agricultural schemes benefitting farm-Women community in the district. Emphasized the role of nutrition for the pregnant, lactating, newborn babies and adolescent girls.	07	About 50 nos farm women including SHG members have participated in the programme.	-	-

#### 9.12. No. of Progressive/Innovative/Lead farmer identified (category wise)

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise

### 9.13.HRD programmes attended by KVK person

Training programme/ Seminar/ Symposia/ Workshop etc attended	Duration	Name of the participants	Designation	Organizer of the training Programme

#### 9.14. Revenue generation

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.			
2.			
3.			

#### 9.15. Resource Generation:

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created

#### 9.16. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning

#### 9.17. Contingent crop planning

Name of the state	Name of district/K VK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK

### 10. Report on Cereal Systems Initiative for South Asia (CSISA)

- a) Year:
- b) Introduction / General Information:

	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Experiment 1						
Experiment 2						
Experiment 3						
Others (If any)						

11. Details of TSP

a. Achievements of physical output under TSP during 2017-18

Programmes	Physical achievements
Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)	
On-farm trials (Number)	
Frontline demonstrations (Number)	
Farmers training (in lakh)	
Extension personnel training (in lakh)	
Participants in extension activities (in lakh)	
Seed production (in tonnes)	
Planting material production (in lakh)	
Livestock strains and fingerlings production (in lakh)	
Soil, water, plant, manures samples testing (in lakh)	
Provision of mobile agro – advisory to farmers (in lakh)	
No. of other programmes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	

b. Fund received under TSP in 2017-18 (Rs. In lakh):

c. Achievements of physical outcome under TSP during 2017-18

S1. No.	Description	Unit	Achievements
1	Change in family income	%	
2	Change in family consumption level	%	
3	Change in availability of agricultural implements/ tools etc.	No. per household	

d. Location and Beneficiary Details during 2017-18

District	Sub-district	No. of Village covered	Name of village(s) covered	ST population benefitted (No.)		
				M	F	T

12. Progress report of NICRA KV (Technology Demonstration component) during the period  
(Applicable for KV identified under NICRA)

Natural Resource Management

Name of intervention undertaken	Numbers undertaken	No of units	Area (ha)	No of farmers covered / benefitted	Remarks

Crop Management

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted	Remarks

Livestock and fisheries

Name of intervention undertaken	Number of animal covered	Number of units	Area (ha)	No of farmers covered / benefitted	Remarks

Institutional interventions

Name of intervention undertaken	No of units	Area (ha)	No of farmers covered / benefitted	Remarks

Capacity building

Thematic area	No. of Courses	No. of beneficiaries		
		Males	Females	Total

Extension activities

Thematic area	No. of activities	No. of beneficiaries		
		Males	Females	Total

Detailed report should be provided in the circulated Performance Report.

**13. Awards/Recognition received by the KVK: NA**

Sl. No.	Name of the Award	Year	Conferring Authority	Amount	Purpose
-	-	-	-	-	-

**Award received by Farmers from the KVK district**

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose

**14. Any significant achievement of the KVK with facts and figures as well as quality photograph**

**15. Number of commodity based organizations/ farmers' cooperative society/ FPO formed/ associated with during last one year (Details of the group/society may be indicated)**

Sl. No.	Name of the organization/ Society	Trust Deed No.& date	Date of Trust Registration Address	Proposed Activity	Commodity Identified	No. of Members	Financial position (Rupees in lakh)	Success indicator

**16. Integrated Farming System (IFS)**

**Details of KVK Demo. Unit**

Sl. No.	Module details (Component-wise)	Area under IFS (ha)	Production (Commodity-wise)	Cost of production in Rs. (Component-wise)	Value realized in Rs. (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year
1	Farm pond	0.02	Under process	1,00,000	-	-	-

**17. Technologies for Doubling Farmers' Income**

Sl. No.	Name of the Technology	Brief Details of Technology (3-5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1					
2					

## 18. Report on Digital Farming Initiatives in Agriculture/ Digital Ag. Extension Service

Phase	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I (up-to 15.03.2018)	52	1993	-	-	-
II (up-to 24.04.218)					
Total					

## 19. Any other programme organized by KVK, not covered above: NA

Sl. No.	Name of the programme	Date of the programme	Venue	Purpose	No. of participants

\*\*\*