

(iv) Sponsored training:

KVK	Discipline	No. conducted	Duration (days)	No. of beneficiary					Sponsoring agency
				Male	Female	SC	ST	Total	
Boudh	Crop production	-	-	-	-	-	-	-	-
	Plant protection	1	5		15	7	3	15	ATMA
	Horticulture	-	-	-	-	-	-	-	-
	Soil Science	-	-	-	-	-	-	-	-
	Animal Science	-	-	-	-	-	-	-	-
	Fishery Science	-	-	-	-	-	-	-	-
	Home Science	-	-	-	-	-	-	-	-
	Extension Education	7	57	-	135	11	29	175	Mission Sakti
	Forestry	-	-	-	-	-	-	-	-
	Agril. Engineering	-	-	-	-	-	-	-	-
	Others(Specify)	-	-	-	-	-	-	-	-
Total		8	62	-	150	18	32	190	

2. (i) On-Farm Testing:

KVK	Discipline	No. conducted	Area (ha)	Enterprise (no.)	No. of beneficiary				
					Male	Female	SC	ST	Total
Boudh	Crop production	2	0.5	07	11	-	1	2	14
	Crop protection	2	0.5	07	10	-	1	3	14
	Horticulture	2	0.5	07	11	-	-	3	14
	Soil Science	-	-	-	-	-	-	-	-
	Animal Science	-	-	-	-	-	-	-	-
	Fishery Science	-	-	-	-	-	-	-	-
	Home Science	-	-	-	-	-	-	-	-
	Extension Education	1	-	07	9	-	1	4	14
	Forestry	-	-	-	-	-	-	-	-
	Agril. Engineering	-	-	-	-	-	-	-	-
	Others(Specify)	-	-	-	-	-	-	-	-
Total		7	1.5	28	41	-	3	12	56

(ii) Salient achievements of On –Farm Testing (OFT) (Best three):

KVK	Crop/ Component	Season	Technology Assessed (Give in detail)	Farmers' practice (Give in detail)	OFT yield (q/ha)	Yield in farmers' practice (q/ha)	% increase in yield
Boudh	Paddy	Kharif, 2019	TO 1- Hasanta (OR-2328-5) suitable for rainfed /irrigated shallow low land, 145 days duration, Avg.yield: 3.9 t/ha tolerant to BPH, WBPH, Blast, Leaf folder TO 2- Pratikshya suitable for shallow low land, 145 days duration, Avg.yield: 4.5 t/ha resistant to Blast,field tolerant to BPH and other major pests.	Swarna	39.0	26.08	49.53
	Greengram	Rabi, 2019-20	TO 1 = The application of Pendimethalin @ 1 kg/ha as pre emergence	Cultivation of Green gram	6.2	4.5	37.7

			<p>TO 2 = The application of Imazethapyr @ 75 g/ha as post emergence at 20 DAS</p> <p>TO 3- The application of Pendimethalin @ 1 kg/ha as pre emergence fb Imazethapyr @ 75 g/ha as post emergence at 20 DAS</p>	without any weed management practices			
	Brinjal	Kharif, 2019	<p>TO 1- Collection and destruction of damaged shoots & fruits, installation of pheromone traps for Lorbonalis @ 25 nos. /ha & release of Trichogramma chilonis @ 50000/ha 10 days interval 6 times followed by spraying of Neem oil 1500 ppm @ 5ml/lit at weekly intervals</p> <p>TO-2 TO 1 + Application of Spinosad 4 MI/ 10 lit at weekly intervals</p>	Repeated sprays of one type of insecticide (Cypermethrin & Thimet)	56.86	47.31	20.18

3. (i) Frontline demonstration (general):

KVK	Discipline	No. conducted	Area (ha.)	Enterprise (no.)	No. of beneficiary				
					Male	Female	SC	ST	Total
Boudh	Crop production	4	4.0	10	27	-	5	8	40
	Crop protection	4	4.0	10	30	-	3	7	40
	Horticulture	4	4.0	10	34	-	2	4	40
	Soil Science	-	-	-	-	-	-	-	-
	Animal Science	-	-	-	-	-	-	-	-
	Fishery Science	-	-	-	-	-	-	-	-
	Home Science	-	-	-	-	-	-	-	-
	Extension Education	1	-	10	8	-	-	2	10
	Forestry								
	Agril. Engineering								
	Others(Specify)								
Total		13	12.0	40	99	-	10	21	130

(ii) Salient achievements of frontline demonstration (general) (Best three):

KVK	Title	Season	Intervention (Give in detail)	Farmers' practice (Give in detail)	FLD yield (q/ha)	Yield in farmers' practice (q/ha)	% increase in yield
Boudh	Demonstration on drought tolerant paddy Variety	Kharif -2019	Swarna Shreya is suitable for rainfed low land and direct seeded aerobic condition with duration of 120-125	Cultivation of paddy variety Naveen.	38.0	30.2	25.82

	Swarna Shreya		days. It has capacity to with stand drought and also tolerance to many disease and insects. Average productivity of this variety is 4.5 to 5.0 t/ha.					
	Demonstration on weed management in paddy in kharif.	Kharif -2019	Pendimethalin is a pre emergence herbicide which gives wide spectrum of weed control like grasses, sedges and broadleaf weeds. The mode of action of herbicide is inhibition of root and shoot growth resulting in inhibition of emergence. Bispyribac sodium is a post emergence herbicide which also gives wide spectrum of weed control with ALS inhibitions mode of action restricting production of essential amino acids.	Paddy cultivation with no use of herbicide	38.4	30.2	27.15	
	Demonstration on Integrated Weed Management in Cotton	Kharif -2019	Application of Pre-emergence Pendimethalin @ 1.0 kg ai/ha with post emergence application of Quizalop p-ethyl@50 g ai/ha at 30 DAS followed by one hoeing at 50 DAS is recommended for achieving the highest boll weight	Cotton cultivation with out proper weed management	8.5	6.0	41.6	

4. (i) Cluster demonstration on oilseed & pulse:

KVK	Season	Crop	Variety	Area (ha)	No. of beneficiary				
					Male	Female	SC	ST	Total
Boudh	Kharif-2019	Blackgram	Prasad	10.0	20	-	1	4	25
	Kharif-2019	Greengram	IPM-02-03	10.0	20	-	2	3	25
	Kharif-2019	Pigeonpea	PRG-176	10.0	19	-	1	5	25
	Rabi 2019-20	Mustard	Uttara	50.0	18	-	42	12	125

(ii) Salient achievements under Cluster demonstration on oilseed and pulse:

KVK	Season	Crop	Intervention (Give in detail)	FLD yield(q/ha)	Local yield(q/ha)	% increase in yield over local
Boudh	Kharif- 2019	Blackgram	Varietal evaluation	6.4	5.1	36.77
	Kharif- 2019	Greengram	Varietal evaluation	6.5	5.0	33
	Kharif- 2019	Pigeonpea	Varietal evaluation	8.4	5.2	35.84
	Rabi 2019-20	Mustard	Varietal evaluation	6.4	5.2	23

5. Other extension activities:

Sl.No.	Extension Activities	No. of activities	No. of beneficiaries
1	Scientist visit to farmers fields	82	215
2	Farmers visits to KVK	206	206
3	44 CD Film Shows	14	330
4	KMAS	42	32508
5	Spl. Day celebration	2	80
6	Field Day	3	150
7	Group meeting	6	150
8	Kissan Mela / Web Telecast	2	200
9	Lecture delivered as resource person	7	150
10	Exposure visit	2	35
11	Leaflets	2	190
12	Newsletter	2	500

6. Publication:

Sl.No.	Item	No.	No. of copies printed
1	Book/ Booklet	03	3000
2	Leaflets	02	2000
3	Poster/Flex	19	19
4	News letter	02	1000
5	News paper Coverage	04	Mass
6	Popular Articles	-	-
7	Technical bulletins	04	15
8	Technical report	06	30
9	Training material	-	-
10	Year planner	01	20
11	CDs/ DVDs	08	200
	Total	49	6284

7. Soil and water sample analysis:

KVK	Soil				Water				Grand total (soil + water)	No. of soil health card issued
	Tested in KVK lab.	Tested by MridaPari khyak	Tested outside	Total	Tested in KVK lab.	Tested by MridaParikhyak	Tested outside	Total		
Boudh	55	100	-	155	10	-	-	10	165	400

8. Scientific Advisory Committee Meeting:

KVK	Kharif		Rabi	
	Date	No. of participants	Date	No. of participants
Boudh			27.01.2020	31

9. Awareness programme on Pradhanmantri Phasal BimaYojana: NA

KVK	Date	Participants				
		Male	Female	SC	ST	Total
Boudh	-	-	-	-	-	-

10. Farmers' fair: NA

KVK	Date	Venue: Village & Block	Participants				
			Male	Female	SC	ST	Total
Boudh	-	-	-	-	-	-	-

11. Kissan mobile advisory service (KMAS):

KVK	No. of message sent	No. of farmers benefited	No. of extension functionary benefited
Boudh	42	32508	325

12. HRD activities under taken:NA

Title of the HRD Programme	Date	No. of participants	Category of participation
-	-	-	-

13. NICRA Activities (For NICRA KVKs): NA

KVK	Name of NICRA Village	Climate vulnerability
-	-	-

(Give module-wise results)

14. Skill development training: NA

Sl.no.	Name of KVK	Name of the trade	Date of training	No. of participants				
				Male	Female	SC	ST	Total
Boudh	-	-	-	-	-	-	-	-

15. Seed & Quality Planting Material production:

(i) Achievement Kharif 2019: Paddy seed: NA

KVK	Variety	Class	Area (ha)	Production (q)	Yield (q/ha)
Boudh	-	-	-	-	-

Boudh	Pigeon pea Fallow	Pod borer management by alternate spraying of Lamda cyalothrin @ 2 ml/lt. @ Indoxacarb @ 1ml/lt. at 15 days interval STBF Seed treatment	7.5	6.1	23	18,300	14,000	1.76
	Homestead	➤ Feed management in poultry bird ➤ Supply of mineral mixture @ 50 g/cow ➤ Mushroom 20 beds/month	25 kg Rs. 2000 Dairy (2 nos. of cows)= 450 lit. milk/ yr	Birds = 20 kg Rs. 1500 Diary	25	1500	1,000	1.66
	Brinjal-Pumpkin (Rs.80,000/ha)	STBF Thrips management (Thiomethoxam @200g/ha) Application of ethrel @200 ppm at 2 & 4 leaf stage in Pumpkin	Onion = 170 q/ha Pumpkin = 190 q/ha	Onion = 150 q/ha Pumpkin = 180 q/ha	13 6	35000 25,000	23,000 17,550	1.65 1.70
	Rice(Lalat)– green gram (Local) Rice- 30 q/ha Green gram- 3 q/ha (Rs.14000/ha)	Green manuring of Dhaincha Use of LCC for nitrogen management Greengram var.IPM 02-3/02-14 IPM for YMV (yellow sticky trap @ 50/ha, Thiomethoxam spray @ 200 g/ha	Paddy= 40 Green gram =5.0	Paddy= 35 Green gram =4.0	14 25	11,000 20,000	8,000 11,000	1.72 1.55
	Rice (Pooja)– Green gram (local) (limited irrigation) Rice- 32 q/ha Green gram- 3.5 q/ha (Rs.19000/ha)	STBF (i)Moong IPM-02-3/ IPM 02-14 yellow sticky trap @ 50/ha and Thiomethoxam spray @ 200 g/ha	Paddy= 40.0 Green gram -6.0	Paddy= 35.0 Green gram =5.0	14 20	11,000 23,500	7,000 13,500	1.63 1.57
	Desi Poultry (Rs. 1200) Diary -2 nos. (Rs. 4,000)	Feed management Mineral mixture supplements for dairy Shed management Developing mushroom production unit	Bird wt 124 kg Mushroom 184 kg	Bird wt 97 kg Mushroom 17.3 kg m	28 96	6,900 12,880	4,200 11,646	1.60 1.90

17. Achievement on Pulses Seed Hub(For seed hub KVKs): NA

KVK	Season	Name of	Area	Variety	Class of	Production(q)	Cost of Production	Net return(Rs)
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		crop			seed		(Rs)	

18. Achievement on Head to Head trial of IRRI rice varieties

KVK	Name of var.	Area(ha)	No. of farmers	Details of Technology demonstrated	Yield(q/ha)		% Increase	Cost of Production (Rs)	Net return (Rs)	B:C
					Dem o	FP				
Boudh	DRR-42	2.0	10	Drought tolerant rice Var.	44.4	37.5 (Naveen)	15.5	22500	13294	1.59
	DRR-44	2.2	10	Drought tolerant rice Var	42.0	37.5 (Naveen)	15.5	22350	13196	1.59
	Sahabghadhan	2.2	10	Drought tolerant rice Var	48.0	38.0 (Lalat)	20.8	22350	14200	1.61

19. Achievement on KKA activities: NA

KVK	Name of activity	No. of farmers involved

20. Achievement on any special programme(ARYA/Centre of Excellence etc./ other special projects): NA

21. Brief report on workshops, summer courses, symposia, training programmes attended by KVK scientists:

Name of the Scientist participated	Designation	Topic	Place	Period
Sutanu Kumar Stapathy	SSH	Behavioural Skills for Scientists of SAU and KVKs.	MANAGE,Hyderabad	18 th Nov,2019 to 27 th Nov,2019
Jyoti Rekha Mallick	Scientist(PP)	Operational Modalities for KVKs	DEE,OUAT, BBSR	27 th Dec,2019 to 29 th Dec,2019
Sutanu Kumar Stapathy	SSH	Agro-Ecosystem Analysis for Participatory planning	DEE,OUAT, BBSR	17 th Feb,2020 to 21 st Feb,2020
Mayuri Sing Sardar	SMS	Agro-Ecosystem Analysis for Participatory planning	DEE,OUAT, BBSR	17 th Feb,2020 to 21 st Feb,2020

22. Research papers/ Books/ Book chapters/ Popular articles/ Technical Bulletins/Manuals developed: NA

23. Awards and recognitions received during 2018-19: NA

24. Externally funded projects operating and sanctioned: NA

Name of the KVK	Project title	Funding agency	Total outlay (Rs in lakh)	Period (from to)

25. Distinguished visitors, date and purpose of visit:

Name of the visitor	Place of visit	Date of visit	Purpose of visit
Mr.Gobardhana Debata,Deputy Secretary	KVK,Campus	22.06.2019	Nodal officer of Boudh District
Sj. Lalatendu Mishra, Collector cum District Magistrate,Boudh	KVK,Campus	21.08.2019	Chief Guest in Web Telecast
Mrs. Banani Mahanty,IAS, Additional Secretary	KVK,Campus	31.10.2019	Official
Prof.Sanjaya Das,Dean CAET,OUAT,BBSR	KVK,Campus	26.02.2020	5T Nodal officer of Boudh District

26. Infrastructure developed including maintenance and renovation : NA

Name of the KVK	Name of the infrastructure	Purpose	Funding agency	Status as on 31.03.2020

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Senior Scientist and Head,KVK,Boudh