

(iv) Sponsored training:

KVK	Discipline	No. conducted	Duration (days)	No. of beneficiary					Sponsoring agency
				Male	Female	SC	ST	Total	
Boudh	Crop production	-	-	-	-	-	-	-	-
	Crop protection	1	7	15	-	1	1	15	ATMA, Boudh
	Horticulture	-	-	-	-	-	-	-	-
	Soil Science	-	-	-	-	-	-	-	-
	Animal Science	-	-	-	-	-	-	-	-
	Fishery Science	-	-	-	-	-	-	-	-
	Home Science	-	-	-	-	-	-	-	-
	Extension Education	7	57	-	135	11	29	175	Mission Shakti
	Forestry	-	-	-	-	-	-	-	-
	Agril. Engineering	-	-	-	-	-	-	-	-
	Others(Specify)	-	-	-	-	-	-	-	-
	Total		8	64	15	135	12	30	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	1	14	14	-	1	2	14
	Crop protection	2	1	14	14	-	-	7	14
	Horticulture	2	1	14	14	-	-	-	14
	Soil Science	-	-	-	-	-	-	-	-
	Animal Science	-	-	-	-	-	-	-	-
	Fishery Science	-	-	-	-	-	-	-	-
	Home Science	-	-	-	-	-	-	-	-
	Extension Education	1	-	07	7	-	-	-	14
	Forestry	-	-	-	-	-	-	-	-
	Agril. Engineering	-	-	-	-	-	-	-	-
	Others(Specify)	-	-	-	-	-	-	-	-
	Total		7	3	35	35	-	1	9

(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, 2020	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	32.08	21.57
	Greengram	Rabi, 2020-	TO 1 = The application of Pendimethalin @ 1	Cultivation of Green	6.7	4.5	48.88

		21	kg/ha as pre emergence TO 2 = The application of Imazethapyr @ 75 g/ha as post emergence at 20 DAS TO 3 - The application of Pendimethalin @ 1 kg/ha as pre emergence fb Imazethapyr @ 75 g/ha as post emergence at 20 DAS	gram without any weed management practices				
	Brinjal	Kharif, 2020	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 TO-2 TO 1 + Application of Spinosad 4 MI/ 10 lit at weekly intervals	Repeated sprays of one type of insecticide (Cypermethrin & Thimet)	256.86	207.31	23.90	

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	40	-	5	8	40
	Crop protection	4	4.0	10	38	2	-	-	40
	Horticulture	4	4.0	10	38	2	-	-	40
	Soil Science	-	-	-	-	-	-	-	-
	Animal Science	-	-	-	-	-	-	-	-
	Fishery Science	-	-	-	-	-	-	-	-
	Home Science	-	-	-	-	-	-	-	-
	Extension Education	1	-	10	10	-	-	2	10
	Forestry								
	Agril. Engineering								
	Others(Specify)								
Total		13	12	40	126	4	5	10	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	Kharif -2020	Swarna Shreya is suitable for rainfed low land and direct seeded aerobic condition with	Cultivation of paddy variety pooja.	38.0	30.2	25.82

	Variety Swarna Shreya		duration of 120-125 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 -2020	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	32.5	18.15	
	Demonstration on Integrated Weed Management in Cotton	Kharif -2020	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 without proper weed management	8.5	6.0	41.66	

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

KVK	Season	Crop	Variety	Area (ha)	No. of beneficiary				
					Male	Female	SC	ST	Total
Boudh	Kharif-2020	Blackgram	<i>Prasad</i>	10.0	25	-	1	4	25
	Kharif-2020	Greengram	IPM-02-03	10.0	25	-	2	3	25
	Kharif-2020	Pigeonpea	PRG-176	10.0	25	-	1	5	25
	Rabi 2020-21	Mustard	<i>Uttara</i>	50.0	125	-	2	5	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- 2020	Blackgram	Varietal evaluation	6.9	5.0	32.20
	Kharif- 2020	Greengram	Varietal evaluation	6.7	5.2	28.84
	Kharif- 2020	Pigeonpea	Varietal evaluation	12.9	9.96	29.51
	Rabi 2020-21	Mustard	Varietal evaluation	6.7	5.2	28.84

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	Special Day celebration	08	777
6	Field Day	4	200
7	Group meeting	5	125
8	Kissan Mela / Web Telecast	03	450
9	Lecture delivered as resource person	50	1250
10	Exposure visit	1	25
11	Leaflets	07	3500
12	Newsletter	-	-

6. Publication:

Sl.No.	Item	No.	No. of copies printed
1	Book/ Booklet	-	-
2	Leaflets	07	3500
3	Poster/Flex	-	-
4	News letter	-	-
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	30	3765

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 MridaParikhyak	Tested outside	Total	Tested in KVK lab.	Tested by MridaParikhyak	Tested outside	Total		
Boudh	-	100	-	100	20		-	-	120	400

8. Scientific Advisory Committee Meeting:

KVK	Kharif		Rabi	
	Date	No. of participants	Date	No. of participants
Boudh	-	-	27.11.2020	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 benefitted
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
1	Boudh	Mushroom Training	9-14 July, 2019	15	-	1	1	15

15. Seed & Quality Planting Material production:

(i) Achievement Kharif 2019: Paddy seed: NA

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

(ii) Achievement Rabi 2020 -21: Paddy seed: NA

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

(iii) Achievement on seed production of non-paddy crops:**a. Pulses:**

KVK	Crop	Variety	Class	Area (ha.)	Production (q)	Yield (q/ha.)
Boudh	Pigeonpea	PRG-176	Foundation	2.0	4qtls	2.0

b. Oilseed crops: NA

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

c. Other crops:

KVK	Crop	Variety	Class	Area (ha.)	Production (q)	Yield (q/ha.)
Boudh	Dhanicha	L S	-	1.0	1.14	1.14

(iv) Quality planting material production:

KVK	Name of plant	Variety	Seedling production (Nos.)
Boudh	Brinjal	JK-8031	1130
	Onion	Bhima Super, Bhima Dark Red	3,70,000
	Chilli	Arka sweta	1000
	Tomato	Arka Rakshyak, Arka Samrat	15,060
	Papaya	Red lady	1145
	Cabbage	Harekrishna	1030
	Cauliflower	Megha	1560

(v) Fruit production: NA

Name of KVK	Name of fruit crops	Total no. of fruit plants	Total no. of bearing plants	Quantity produced (Kg.)	Sale proceed (Rs.)

(vi) Other materials produced:

KVK	Name of the item	No./ Kg .produced
Boudh	Colocassia corm	2.10 qtl
	Onion bulb	3.0 qtl
	Elephant foot yam	1.5 qtl
	Vermicompost	5.0 qtl
	Mushroom	0.5 qtl
	Brinjal	0.6 qtl
	Chilli	0.55 qtl
	Tomato	2.20 qtl
	Banana	1.5 qtl
	Papaya	2.2 qtl
	Pumpkin	1.8 qtl

(vii) Economics of revolving fund activities:

KVK	Expenditure (Rs.)	Gross return (Rs.)	Net profit (Rs.)
Boudh	1,07,255	1,89,337	1,74,627

16. Achievement of programme on doubling the farmers' income:

KVK	Title	Details of technology	Yield (q/ha)		%increase	Cost of Production (Rs)	Net return (Rs)	B:C
			Demo.	FP				
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	Onion = 150 q/ha	13	35000	23,000	1.65
			Pumpkin = 190 q/ha	Pumpkin = 180 q/ha	6	25,000	17,550	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	Paddy= 35	14	11,000	8,000	1.72
			Green gram =5.0	Green gram =4.0	25	20,000	11,000	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	Paddy= 35.0	14	11,000	7,000	1.63
			Green gram -6.0	Green gram =5.0	20	23,500	13,500	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	Bird wt 97 kg	28	6,900	4,200	1.60
			Mushroom 184 kg	Mushroom 17.3 kg m	96	12,880	11,646	1.90

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

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

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

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				

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
Jyoti Rekha Mallick	Scientist, Plant Protection	Awareness-cum- Skill Development for Management of Fall Army Worm (FAW)	Krushi Bhawan, Bhubaneswar	24.06.2019
Jyoti Rekha Mallick	Scientist, Plant Protection	Training of Master Trainers on Safe Use of Pesticides and e-pest Surveillance through Mobile App.	Krushi Bhawan, Bhubaneswar	7-8 Aug, 2019
Dr. Sutanu Kumar Satapathy	Senior Scientist & Head	Behavioural Skills for Scientists of SAU and KVKs	MANAGE, Hyderabad	18 th Nov, 2019 to 27 th Nov, 2019
Sasmita Priyadarshini	SMS, Agronomy	Model Training Course on Integrated Weed Mangement	DWR, Jabalpur	12 th Dec to 18 th Dec, 2019
Dr. Sutanu Kumar Satapathy	Senior Scientist & Head	Agro-Ecosystem Analysis for Participatory Planning	DEE,OUAT , BBSR	17 th Feb, 2020 to 21 st Feb, 2020
Mayuri Sing Sardar	SMS, Agrl.Extension	Agro-Ecosystem Analysis for Participatory Planning	DEE,OUAT , BBSR	17 th Feb, 2020 to 21 st Feb, 2020
Mayuri Sing Sardar	SMS, Agrl.Extension	Farmers Fair -cum - Regional Workshop and Agro-BioDiversity Exhibition	M.S.Swami nathan Hall, OUAT, BBSR	7 th March, 2020

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

(i)Research paper:-

Impact of climate change on Rice (*Oryza sativa* L.) by S.S.Nanda,S.K.Satapathy,Md. R. Chowdhury, S.Das and K.Sar

23. Awards and recognitions received during 2020-21: 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: Nil

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

**-Sd-
Senior Scientist and Head
KVK,Boudh**