ACHIEVEMENT REPORT OF KVK, BOUDH ,<u>APRIL,2019 TO MARCH, 2020</u> Submit word file report through mail ID<u>ddeuebpdee4@gmail.com</u>only

1. (i)Trainingfor farmers& farm women:

KVK	Discipline	No. conducted	No. of beneficiary							
	_		Male	Female	SC	ST	Total			
Boudh	Crop production	10	163	-	21	66	250			
	Crop protection	9	162	-	20	43	225			
	Horticulture	10	173	-	19	58	250			
	Soil Science	-	1	-	-	ı	1			
	Animal Science	-	1	-	-	ı	1			
	Fishery Science	-	1	-	-	ı	1			
	Home Science	-	1	-	-	ı	1			
	Extension Education	9	169	-	15	41	225			
	Forestry	-	-	-	-	-	-			
	Agril. Engineering	-	-	-	-	-	-			
	Others(Specify)	-	-	-	-	-	-			
	Total	38	667	-	75	208	950			

(ii)Training for rural vouths:

KVK	Discipline	No. conducted	No. of beneficiary						
			Male	Female	SC	ST	Total		
Boudh	Crop production	1	10	-	1	4	15		
	Crop protection	1	9	-	1	5	15		
	Horticulture	1	11	-	1	3	15		
	Soil Science	-	-	-	-	-	1		
	Animal Science	-	-	-	-	-	1		
	Fishery Science	-	-	-	-	-	-		
	Home Science	-	-	-	-	-	ı		
	Extension Education	1	10	-	2	3	15		
	Forestry	-	-	-	-	-	1		
	Agril. Engineering	-	-	-	-	-	1		
	Others(Specify)	-	-	-	_	-	-		
	Total	4	40	-	5	15	60		

(iii)Training for Extension personnel:

KVK	Discipline	No. conducted	No. of beneficiary						
	_		Male	Female	S.C.	S.T.	Total		
Boudh	Crop production	-	-	-	-	-	-		
	Crop protection	-	-	-	-	-	-		
	Horticulture	-	-	-	-	-	-		
	Soil Science	-	-	-	-	-	-		
	Animal Science	-	-	-	-	-	-		
	Fishery Science	-	-	-	-	-	-		
	Home Science	-	-	-	-	-	-		
	Extension Education	-	-	-	-	-	-		
	Forestry	-	-	-	-	-	-		
	Agril. Engineering	-	-	-	-	-	-		
	Others(Specify)	-	-	-	-	-	-		
	Total	-	-	-	-	-	-		

(iv)Sponsored training:

KVK	Discipline	No.	Duration		No. of b		Sponsoring		
		conducted	(days)	Male	Female	SC	ST	Total	agency
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:

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

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

KVK	Crop/ Compone nt	Seaso n	Technology Assessed (Give in detail)	Farmers' practice (Give in detail)	OFT yield (q/ha)	Yield in farmers' practice (q/ha)	% increas e 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

		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	without any weed management practices			
Brinjal	Kharif, 2019	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 Ml/ 10 lit at weekly intervals	Repeated sprays of one type of insecticide (Cypermethi rin & Thimet)	56.86	47.31	20.18

3. (i) Frontline demonstration (general):

KVK	Discipline Discipline	No.	Area	Enterprise	No. of beneficiary				
	•	conducted	(ha.)	(no.)	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	1	2	4	40
	Soil Science	-	-	-	-	1	-	ı	-
	Animal Science	-	-	-	-	1	-	1	1
	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	Demonstrati on 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	Cultivatio n of paddy variety Naveen.	38.0	30.2	25.82

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

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

KVK	Season	Crop	Variety	Area	ľ	No. of ben	eficia	ary	
				(ha)	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	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				No. of
	Tested in KVK lab.	Tested by MridaPari khyak	Teste d outsid e	Total	Test ed in KV K lab.	Tested by MridaParik hyak	Tested outside	Total	d total (soil + water)	soil health card issued
Boudh	55	100	-	155	10	-	-	10	165	400

8. Scientific Advisory Committee Meeting:

	or service interest and committee interests.									
KVK	Kharif		Rabi							
	Date No. of participants		Date	No. of participants						
Boudh			27.01.2020	31						

9. Awareness programme on Pradhanmantri Phasal BimaYojana: NA

	74 11 Water con programme on reasonable reason 2 mar 1 June 1 111								
KVK	Date	Participants							
		Male Female SC ST Tot							
Boudh	-	_	-	-	-	-			

10. Farmers' fair: NA

KVK	Date	Venue: Village & Block	Participants				
			Male Female SC ST Tota				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	Category of
		participants	participation
1	1	-	

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

(ii) Achievement Rabi 2019 -20: 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	LS	-	1.0	1.14	2.5

(iv) Quality planting material production:

	Try planting material		T
KVK	Name of plant	Variety	No. produced
Boudh	Brinjal	JK-8031	0.6 qtl
	Onion	Bhima Super, Bhima Dark Red	2.0 qtl
	Chilli	Agni	0.55 qtl
	Tomato	Arka Rakshyak, Arka Samrat	1.0 qtl
	Banana	Champa	1.5 qtl
	Papaya	Red lady	2.2 qtl
	Onion	NHRDF-3	2.0 qtl
	Pumpkin	MPH-2	1.8 qtl

(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	2.0 qtl
	Onion bulb	2.0 qtl
	Elephant foot yam	1.5 qtl
	Vermicompost	5.0 qtl
	Mushroom	0.5 qtl

(vii) Economics of revolving fund activities:

KVK	Expenditure (Rs.)	Gross return (Rs.)	Net profit (Rs.)
Boudh	1,07,255	2,81,882	81,882

16. Achievement ofprogramme on doubling the farmers' income:

10.	10. Achievement orprogramme on doubling the farmers income.											
KVK	Title	Details of	Yield	rield (q/ha) %incre		Cost of	Net	B:C				
		technology	Demo.	FP		Production	return					
						(Rs)	(Rs)	1				

	D:	Dadhamar						
	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	Onion = 170 q/ha	Onion = 150 q/ha	13	35000	23,000	1.65
		@200g/ha) Application of ethrel @200 ppm at 2 & 4 leaf stage in Pumpkin	Pumpkin = 190 q/ha	Pumpkin = 180 q/ha	6	25,000	17,550	1.70
Boudh	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	Paddy= 40	Paddy= 35	14	11,000	8,000	1.72
		Greengram var.IPM 02-3/02- 14 IPM for YMV (yellow sticky trap @ 50/ha, Thiomethoxam	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	spray @ 200 g/ha STBF (i)Moong IPM-02- 3/ IPM 02-14 yellow sticky trap @ 50/ha and Thiomethoxam	Paddy= 40.0 Green	Paddy= 35.0 Green	14	11,000	7,000	1.63
	Green gram- 3.5 q/ha (Rs.19000/ ha)	spray @ 200 g/ha	gram -6.0	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	Bird wt 124 kg	Bird wt 97 kg	28	6,900	4,200	1.60
	. , ,	Shed management Developing mushroom production unit	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	Area	Variety	Class	Production(q)	Cost of	Net		
		of			of		Production	return(Rs)		

	crop		seed	(Rs)	

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

KVK	Name of var.	Area(h	No. of	Details of	Yiel	Yield(q/ha)		Cost of	Net	B:C
		a)	farmer	Technology	Dem	FP	Increas	Produc	return	
			S	demonstrat	0		e	tion	(Rs)	
				ed				(Rs)		
Boudh	DRR-42			Drought		37.5				
		2.0	10	tolerant	44.4	(Navee	15.5	22500	13294	1.59
				rice Var.		n)				
	DRR-44			Drought		37.5				
		2.2	10	tolerant	42.0	(Navee	15.5	22350	13196	1.59
				rice Var		n)				
	Sahabhagidh			Drought		38.0				
	an	2.2	10	tolerant	48.0		20.8	22350	14200	1.61
				rice Var		(Lalat)				

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,H yderbad	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	KVK,Campus	21.08.2019	Chief Guest in Web
District Magistrate,Boudh			Telecast
Mrs. Banani Mahanty,IAS, Additional	KVK,Campus	31.10.2019	Official
Secretary			
Prof.Sanjaya Das,Dean	KVK,Campus	26.02.2020	5T Nodal officer of
CAET,OUAT,BBSR			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

-Sd-Senior Scientist and Head,KVK,Boudh