

PROFORMA FOR ANNUAL REPORT-2021 (January-December 2021)

1. GENERAL INFORMATION ABOUT THE KVK

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	http://ouat.nic.in

1.3. Name of Senior Scientist and Head with phone & mobile No.

Name	Telephone / Contact		
	Residence	Mobile	Email
Sri Tapan Kumar Das	At-KVK Campus, Paljhar, Boudh-762026	8249001807	tapandasouat@gmail.com

1.4. Year of sanction of KVK: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 1stJanuary, 2021)

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	Senior Scientist& Head	Tapan Kumar Das	Sr. Scientist & Head	Plant Protection	77,500	04/06/21	Temporary	Others
2	Subject Matter Specialist	Sasmita Priyadarshini	SMS(Agronomy)	Agronomy	61,300	12/06/18	Temporary	SC
3	Subject Matter Specialist	Mayuri Sing Sardar	SMS (Agril.Extn.)	Agril.Extn	61,300	31/07/18	Temporary	ST
4	Subject Matter Specialist	Vacant	-	-	-	-	-	-
5	Subject Matter Specialist	Vacant	-	-	-	-	-	-
6	Subject Matter Specialist	Vacant	-	-	-	-	-	-
7	Subject Matter Specialist	Vacant	-	-	-	-	-	-
8	Programme Assistant	Bikram Kesari Parimanik	Prog.Asst (Forestry)	Forestry	55,200	09/06/2021	Temporary	Others
9	Computer Programmer	Md. Sadakat Ali	Prog.Asst (Computer)	-	55,200	28/12/10	Temporary	Others
10	Farm Manager	Harapriya Sethy	Farm Manager	Horticulture	41,100	03/02/15	Temporary	SC
11	Accountant / Superintendent	Vacant	Accountant / superintendent	-	-	-	-	-
12	Stenographer	B. K. Behera	Stenographer	-	39,800	16/01/06	Temporary	SC
13	Driver	T. Sahoo	Driver	-	25,000	07/09/15	Temporary	Others
14	Driver	G.S.Choudhury	Driver	-	25,000	15/11/13	Temporary	Others
15	Supporting staff	B. Baral	Supporting staff	-	24,300	20/12/07	Temporary	Others
16	Supporting staff	K. Samal	Supporting staff	-	24,300	20/12/07	Temporary	Others

1.6. Total land with KVK (in ha)

S. No.	Item	Area (ha)
1	Cultivable Land i) High Land: 3.0 ii) Medium Land: 1.00	4.0
2.	Uneven Hilly & Degraded Forest	9.15
3.	Canal and Road	1.2
4.	KVK Campus Area	1.6
5.	Agro-Polytechnic campus	2.15
6	Diverted by Tahasildar Boudh for establishment of skill development centre & PHC Baghiapada	1.9
	Total	20.00

:

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
1.	Administrative Building	-	-	-	-	Yes	-	Use	ICAR
2.	Farmers Hostel	-	-	-	-	Yes	-	Use	ICAR
3.	Staff Quarters (6)	-	-	-	-	Yes	-	Use	ICAR
4.	Piggery unit	-	-	-	-	-	-	-	-
5	Fencing	-	-	-	-	-	-	-	-
6	Rain Water harvesting structure	-	-	-	-	-	-	-	-
7	Threshing floor	-	-	-	-	-	-	-	-
8	Farm godown	-	-	-	-	-	-	-	-
9.	Dairy unit	-	-	-	-	-	-	-	-
10.	Poultry unit	-	-	-	-	Yes	-	Use	RKVV
11.	Goatary unit	-	-	-	-	-	-	-	-
12.	Mushroom Lab	-	-	-	-	Yes	-	Use	ICAR

13.	Mushroom production unit	-	-	-	-	Yes	-	Use	ICAR
14.	Shade house	-	-	-	-	Yes	-	Use	ICAR
15.	Soil test Lab	-	-	-	-	Yes	-	Use	ICAR
16	Duckery unit	-	-	-	-	Yes	-	Use	ICAR

* 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	2005-06	3,84,042	200000	Condemned
Tractor	2005-06	4,34,088	85000	Running Condition
Motor cycle	2009-10	49,965	62000	Running Condition
Bolero	2019-20	8,00,000	-	Newly purchased

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
b. Farm machinery				
c. AV Aids				
i. Television (Philips)	31.3.2007	11,200	Good condition	ICAR
ii. Camera (Sony)	31.3.2007	9,900	Good condition	ICAR
iii. Camera (Sony)	31.3.2008	9,490	Good condition	ICAR
iv. Handy cam (Sony)	31.3.2012	24,700	Good condition	ICAR
v. GPS Camera	31.3.2016	22,500	Good condition	ICAR
vi. Camera	31.3.2018	10,169	Good condition	ICAR
vii. LED TV	31.3.2018	50,000	Good condition	ICAR
viii. LCD Projector	15.01.2010	86,000	Good condition	ICAR
ix. Picco Projector	31.3.2017	20,000	Good condition	ICAR
x. Ahuja Complier	31.3.2010	9,450	Good condition	ICAR

xi. Ahuja speaker Box	31.3.2010	7,300	Good condition	ICAR
xii. Ahuja codeless phone	31.3.2010	2,350	Good condition	ICAR
xiii. Ahuja stand mic phone	31.3.2010	1,740	Good condition	ICAR
xiv. Ahuja micro phone stand	31.3.2010	1,500	Good condition	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
i. Rotavetor	31.3.2012	30,000	Good condition	ICAR
ii. MC Thresher cum Fan type winner	31.3.2012	20,000	Good condition	ICAR
iii. Aspee power sprayer	31.3.2016	7,865	Good condition	ICAR
iv. M.B.Plough	31.3.2016	30,500	Good condition	ICAR
v. 9 type cultivator	31.3.2016	25,500	Good condition	ICAR
vi. Aspee Arush cutter	31.3.2016	25,300	Good condition	ICAR
vii. Weeder (Dry land)	31.3.2017	35,801	Good condition	ICAR
viii. Agrimate power mist blower	31.3.2017	8,400	Good condition	ICAR
ix. KNAPSM type battery operated sprayer	31.3.2017	4,410	Good condition	ICAR

1.8. Details SAC meeting* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	05.02.2021	36	➤ Popularisation of Agri-silvicultural model through KVK by live demonstration units at the crop cafeteria	➤ One Agri – Silviculture model has been developed in the Agro-forestry unit of crop cafeteria.	-
			➤ Increase soil health card targets for each KVK to be achieved	➤ Awareness programme on soil health management & soil testing conducted in collaboration with Agriculture dept. at different villages of the district. ➤ Celebrated World Soil Day in collaboration with Agriculture	

				dept, Boudh and Soil Health Card distributed to 50nos. of farmers	
			➤ Short duration & drought tolerant Rice variety to be promoted.	➤ Droughts tolerant paddy variety Swarna Shreya has been taken in FLD as short duration paddy crop (Duration: 120 days) ➤ Bio-fertilized paddy variety CR-310 & 311 has taken in OFT during Kharif-2021.	
			➤ The capacity of poultry unit to be increased and popularization of different improved poultry breeds	➤ The capacity of poultry unit has been increased upto 1200 chicks. Breeds like Kalinga Brown, polyshree, Kadaknath are has been provided to the SC Farmers under SCSP programme at village: Lundrujhore, Tentulipadar,Dhalpur	
			➤ Non-paddy crop to be promoted in the district as crop diversification.	➤ Crop Such as Groundnut ,Greengram ,Pigeonpea , Mustard (Oilseed & Pulses) has been taken in cluster demonstration Programme as crop diversification under different blocks of Boudh during Kharif & Rabi 2021-22. ➤ 1 no. of training conducted for awareness of farmer on crop diversification at village purnakatak including 30 nos. of F/FW. ➤ 1 no. of OFT on Sweet corn & 1no. of FLD on Cotton crop has been taken during Kharif-2021 at village	

				Badhigaon,purnakatak as crop	
			➤ Importance to be given on Late kharif onion	➤ Training programme on Cultivation of Kharif Onion conducted at Boudh, Kantamal & Harbhanga blocks in collaboration with Agriculture & Horticulture department at Lambokani , Rampur village of Boudh District. ➤ Title : Assessment of Onion Varieties of Kharif Season	
			➤ Potential HY varieties of Okra to be popularized.	➤ 2 nos.of F/FW training programme has been conducted at village Rampur & Kalapathar on popularization of HY Okra variety Arka Niketan including 50 nos. of Farmer.	
			➤ More focus is to be given to onion crops due to its feasibility and quality.	➤ One OFT on Assessment of Onion varieties such as Bhima Super & Arka Niketan has been conducted during Kharif- 2021 at village – Ereda and Rampur	
			➤ Nutri-garden with Nutrional calendar may be developed at KVK Farm mentioning types of suitable vegetables and time of sowing.	➤ Nutri-garden model with different vegetable types & sowing time has been developed in the crop cafeteria. 300 nos of vegetable seed kits has been distributed to different SHG groups and AWW of village-tutusingha,kanakpur,lundaberuni,ereda etc.	

			<ul style="list-style-type: none"> ➤ Popularization of vermi compost and Azolla production 	<ul style="list-style-type: none"> ➤ Training cum demonstration program was organized for the production of good quality vermi compost and Azolla at village Tetelenga of Boudh block including 100 farmers. HDPE beds and Azolla beds distributed among the farmers under SCSP programme. 	
			<ul style="list-style-type: none"> ➤ Production of Organic Vegetables to be promoted in KVK Farm 	<ul style="list-style-type: none"> ➤ Different vegetables such as Brinjal, Tomato, Chilli, Broccoli, Cabbage, Cauliflower, bittergourd, Onion etc has been grown in Organic way in the crop cafeteria as a demo unit . ➤ 1 no. of training has been conducted at village Khuntiapada on Organic Farming 	
			<ul style="list-style-type: none"> ➤ Awareness on vegetable nursery raising technique. 	<ul style="list-style-type: none"> ➤ Training cum demonstration programme has been imparted by KVK among the SHGs members for capacity building. 	
			<ul style="list-style-type: none"> ➤ Promote large scale production of Mushroom production. 	<ul style="list-style-type: none"> ➤ 3 nos. of RY and F&FW trainings cum demonstration programme conducted involving 75 nos. trainees at Kirla, Badhigaon, Gaundisara village. ➤ 2 demonstration on paddy straw mushroom and Oyster mushroom using threshed straw have been conducted. Training manual also 	

				provided.	
			➤ Popularization of Bee Keeping.	➤ 10 Nos. of bee box unit has been developed at KVK Farm. ➤ Awareness cum training programme on rearing honey bee covering 50 nos. of participants.	
			➤ Popularization of Backyard Poultry and different improved Poultry breeds.	➤ Poultry breeds like Kadaknath, Kalinga brown, Banaraj chicks of 21 days provided to 150 nos of beneficiaries for backyard poultry rearing at village Lundrujhor, Tetulipadar, Dhalpur under SCSP Programme.	
			➤ Emphasis should be given on convergence activities with line department.	➤ CFLD programme on Ground nut(var. Devi) has been conducted in collaboration with Agril. Dept. At Purnakatak, Harbhanga block and Khuntiapada village, Boudh block involving 25 nos. of farmers. ➤ Demonstration programme on Arhar variety PRG-176 has been conducted in collaboration with Agriculture dept. at Manamunda and Khatkhatia village of Kantamal block involving 30 nos. of farmers.	

* Salient recommendation of SAC in bullet form

Attach a copy of SAC proceedings along with list of participants

List of participants present in the Rabi 17th SAC meeting with their address and status in the meeting.

Sl. No	Designation &Address	Status
1	Hon'ble Vice-Chancellor, OUAT,BBSR	Chairman
2	Dean Extension Education, OUAT,BBSR	Conduct the meeting
3	Joint Director, Extension Education, OUAT, BBSR	Member
4	Director, ATARI, Kolkata	Member
5	Director, CHES, IIHR, BBSR	Member
6	Principal Scientist, IIWM,BBSR	Member
7	ADR, RRTTS, Chiplima Sambalpur	Member
8	DDF,Bolangir	Member
9	CDAO, Boudh	Member
10	CDVO,Boudh	Member
11	DFO,Boudh	Member
12	AFO,Boudh	Member
13	ADH, Boudh	Member
14	PD, Watershed	Member
15	Dy. Director of NHRDF,Boudh	Member
16	DDM,NABARD,Boudh	Member
17	DSWO, Boudh	Member
18	DPC, Boudh	Member
19	DAO,Boudh	Member
20	DM,OAIC,Boudh	Member
21	ZM,OSSC, Ltd., Boudh	Member
22	SCO,OSSOPCA,Bolangir	Member

23	GM,DIC,Boudh	Member
24	Secretary RMC,Boudh	Member
25	Director, RSETI,Boudh	Member
26	Lead Bank Manager, Boudh	Member
27	Executive Engineer, OLIC,Boudh	Member
28	Sr.Scientist & Head, KVK, Angul	Special Invitee
29	Sr.Scientist & Head, KVK, Sonepur	Special Invitee
30	Sr.Scientist & Head, KVK, Kandhamal	Special Invitee
31	Representative Doordarshan/AIR	Member
32	Progressive Farmer	Member
33	Progressive Farmer	Member
34	Progressive Farmer	Member
35	Progressive Farmer	Member
36	Sr.Scientist & Head, KVK, Boudh	Member-Secretary

2.a. District level data on agriculture, livestock and farming situation (2021)

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	Green gram	4.92
		Black gram	4.50

		Pigeonpea	7.32
		Sesamum	4.01
		Green gram	4.92
6	Mean yearly temperature, rainfall, humidity of the district	A mean maximum summer temperature 48.5° centigrade and mean winter temperature 9.5° centigrade.	
7	Production of major livestock products like milk, egg, meat etc.	Milk	25.13 (000 MT)
		Egg	14.59 (Mill No)
		Meat	2468.65 (M.T)
		Fish (Fresh water)	5167.60 (in MT)
		Egg	14.59 (Mill No)

Note: Please give recent data only

2.b. Details of operational area / villages (2021)

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-1
Palaspat	Boudh	Training, OFT (PP), OFT(Hort),FLD
Lambakani	Harbhanga	Training, OFT (PP), CFLD Activity, Module Activity-2

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2020) for its development and action plan

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

2.1 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 tested:										No. of technologies demonstrated:													
Number of OFTs		Number of farmers								Number of FLDs		Number of farmers											
Target	Achievement	Target	Achievement								Target	Achievement	Target	Achievement									
			SC	ST	Others		Total							SC	ST	Others		Total					
			M	F	M	F	M	F	M	F				M	F	M	F	M	F	T			
7	7	49	3	-	7	2	30	7	40	9	49	13	13	130	4	-	21	10	81	14	106	24	130

Training										Extension activities													
Number of Courses		Number of Participants								Number of activities		Number of participants											
Target	Achievement	Target	Achievement								Target	Achievement	Target	Achievement									
			SC		ST		Others		Total					SC		ST		Others		Total			
M	F	M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	F	T		
50	34	1250	68	-	191	-	591	-	850	-	850	500	431	50000	221	198	752	658	33000	740	33973	1596	35569

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
10.0	6.0	500000	428070

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
-	-	200	150

* Give no. only in case of fish fingerlings

Publication by KVks							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Book/ Booklet	03	1500	-	-	-	-	-
Leaflets	05	2000	-	-	-	-	-
Poster/Flex	19	19	-	-	-	-	-
News letter	01	500	-	-	-	-	-
News paper Coverage	08	Mass	-	-	-	-	-
Popular Articles	-	-	-	-	-	-	-
Technical bulletins	04	15	-	-	-	-	-
Technical report	06	30	-	-	-	-	-
Training material	01	125	-	-	-	-	-
Year planner	01	20	-	-	-	-	-
CDs/ DVDs	08	200	-	-	-	-	-
Total	48	3284	-	-	-	-	-

1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On Farm Trial	Assessment of different Sweetcorn varieties in upland Rainfed condition.
2.	Problem diagnosed	Less awareness on Sweetcorn varieties
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed
4.	Source of Technology (ICAR/AICRP/SAU/other, please specify)	IARI-2018-19
5.	Production system and thematic area	Rainfed Upland
6.	Performance of the Technology with performance indicators	Cost of Intervention, Additional income over Additional cost, Yield per ha, B:C Ratio.
7.	Final recommendation for micro level situation	TO1- Variety- VL Sweet corn 1(FSCH18) TO2- Variety-Pusa Super Sweet corn-1
8.	Constraints identified and feedback for research	TO1- VL Sweet corn 1-Enhanced sweetness with grain yield (10.8t/ha) TO2- Pusa Super Sweet Corn-1- Enhanced sweetness with a good grain (9.3t/ha) and fodder 16.2 (t/ha)
9.	Process of farmers participation and their reaction	Farmers are appreciated

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 Cobs/ plant	% change in Yield	Test wt. (100 grain wt.)						
FP	07	1/Plant	-	-	-	68.8	20,000	1,19,680	99,680	3.98
TO1		2/Plant	28.4%	-	-	88.4	18,000	1,75,584	1,55,584	5.85
TO2		2/Plant	34.59%	-	-	92.6	18,000	1,80,967	1,62,967	6.09

OFT-2

1.	Title of On Farm Trial	Assessment of biofortified rice varieties for nutritional security
2.	Problem diagnosed	Scope for nutritional security of farm family through biofortified rice vars
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	NRRI,2014
5.	Production system and thematic area	Medium ,Irrigated Land
6.	Performance of the Technology with performance indicators	Cost of Intervention,Additional income over Additional cost, Yield per ha,B:C Ratio.
7.	Final recommendation for micro level situation	TO1- Rice variety CR-Dhan-310 TO2- Rice variety CR-Dhan-311
8.	Constraints identified and feedback for research	CR-Dhan-310: Medium Duration -125-130 Days,Semi-dwarf plant- 110cm with medium slender and good grain quality ,yield-4.5 t/ha, & contain 10.2 % Protein.

		CR Dhan-311: It has high protein content 10.1% and moderately high level of Zinc Content (20PPM) in 10% polished rice, medium duration 125-130 days, semi dwarf-110 cm, good grain quality with average yield of 5.5 t/ha.
9.	Process of farmers participation and their reaction	Farmers are appreciated

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 grains/panicle	% change in Yield	Test wt. (100 grain wt.)						
FP	07	118.0	-	-	-	33.2	30,000	64,408	34,408	2.1
TO1		129.0	21.0	-	-	40.2	28,000	75,988	47,988	2.59
TO2		120.5	12.9	-	-	37.5	28,000	70,750	42,750	2.4

OFT-3

1.	Title of On Farm Trial	Assessment of Onion Varieties of Kharif Season
2.	Problem diagnosed	Low yield due to Unavailability of Suitable variety.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed
4.	Source of Technology (ICAR/AICRP/SAU/other, please specify)	DOGR, Pune, 2015
5.	Production system and thematic area	Upland and Irrigated Kharif
6.	Performance of the Technology with performance indicators	Cost of Intervention, Additional income over additional investment, Yield (q/ha), B:C ratio & farmer feedback.

7.	Final recommendation for micro level situation	TO1- Bhima Super TO2- Arka Niketan
8.	Constraints identified and feedback for research	T O ₁ Bhima Super - Bulbs are dark Red in colour, flat, globular in shape, matured in 95-100 DAT. Recommended for growing on Kharif season to all over the country & Yield 20-22 t/ha. T O ₂ - Arka Niketan- Bulbs are globular with thin neck. Attractive colour, plant matured 145 DAT average yield 34 ton/ha.
9.	Process of farmers participation and their reaction	Farmers are appreciated

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
		Bulb Diameter	% change in Yield	Test wt. (100 grain wt.)						
FP	07	7.6	-	-	-	213.85	1,10,000	2,13,000	1,03,000	1.93
TO1		8.31	23.94	-	-	264.0	1,20,000	2,64,000	1,44,000	2.2
TO2		6.44	16.90	-	-	249.28	1,20,000	2,49,000	1,29,000	2.07

OFT-4

1.	Title of On Farm Trial	Assessment of Application of growth regulator in chilli.
2.	Problem diagnosed	Low yield due to heavy flowers fruit drop
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed
4.	Source of Technology (ICAR/	TNAU-2015

	AICRP/SAU/other, please specify)	
5.	Production system and thematic area	Upland Irrigated Vegetable-Vegetable
6.	Performance of the Technology with performance indicators	Cost of Intervention, Additional income over Additional investment, Yield (q/ha), B:C ratio
7.	Final recommendation for micro level situation	TO1- Spray of NAA @ 10 ppm at 60 and 90 days after planting reduce flower drop and increased fruit set TO2- Spray of Triacontanol @ 1.25ml/liter at 40 , 60 and 80th days of planting reduce flower drop and increased fruit set
8.	Constraints identified and feedback for research	Foliar application of growth regulator reduce flower and fruit drop and increase yield.
9.	Process of farmers participation and their reaction	Farmers are appreciated

Table:

Technology option	No. of trials	Yield component			(% change in yield	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs./ha)	Net return (Rs./ha)	BC ratio
		No.of Fruits/plan ts	No. of spikelet per panicle	Test wt. (100 grain wt.)						
FP	07	67	-	-	-	89	1,10,000	2,22,500	1,12,500	2.0
TO1		81.4	-	-	17.97	105	1,20,000	2,62,500	1,42,500	2.1
TO2		92.4	-	-	26.96	113	1,30,000	3,39,000	2,09,000	2.6

OFT-5

1.	Title of On Farm Trial	Assessment of novel insecticides for management of rice stem borer.
2.	Problem diagnosed	Severe infestation of rice stem borer during nursery and transplanting stage.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	AICRP, Chiplima, SLREC Proceeding-2018
5.	Production system and thematic area	Low land irrigated, Rice – Rice cropping pattern
6.	Performance of the Technology with performance indicators	Cost of Intervention, Additional Income over additional Investment Yield(q/ha). B:C Ratio and farmer feedback.
7.	Final recommendation for micro level situation	TO1- Nursery soil treatment with chlorantraniliprole 0.4 G @ 0.4kg/10 cent before 7 days of uprooting of seedling+ application of 0.4G @ 10kg/ha at 20 DAT + Spraying of Cartap hydrochloride 50 SP @ 750 g/ha at 50 DAT TO2- Same as T O 1 except spraying with chlorantraniliprole in place of cartap at 50 DAT
8.	Constraints identified and feedback for research	Chlorantraniliprole 0.4 % G and chlorantraniliprole 20 SC are broad-spectrum insecticide with its unique mode of action which provides an effective control measures against stem borer
9.	Process of farmers participation and their reaction	Farmers are appreciated

Table:

Technology option	No. of trials	Yield component			% change in Yield	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		% of dead hearts	% of white ear heads.	No. of Damaged Plant/m ²						
FP	07	11	08	4	-	39			41,440	1.8
TO1		01	02	1	18.75	48			56,080	2.1
TO2		0	0	0	21.2	49.5			59,020	2.5

OFT-6

1.	Title of On Farm Trial	Assessment of Efficacy of novel fungicides against purple blotch in Onion in upland irrigated during Rabi season.
2.	Problem diagnosed	Reduced bulb size due to high incidence of purple blotch in Rabi Onion
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	RRTTS, Bhawanipatna-2017-18
5.	Production system and thematic area	Upland irrigated
6.	Performance of the Technology with performance indicators	Cost of Intervention, Additional Income over additional Investment Yield (q/ha). B: C Ratio and farmer feedback.
7.	Final recommendation for micro level situation	TO1- Seed treatment with (Carboxyn=Thiram)@ 2.5 gram per kg of seed along with foliar application of Tebuconazol 25 EC @ 1 ml /Lit of water TO2- Seed treatment with (Carboxyn=Thiram)@ 2.5 gram per kg of seed along with foliar application of Azoxystrobin 23 SC @ 1 ml/Lit of water

8.	Constraints identified and feedback for research	Seed treatment with (Carboxyn=Thiram) protect the crop from early disease incidence and foliar spray of novel fungicides effectively reduces the cost of production
9.	Process of farmers participation and their reaction	Farmers are appreciated

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.)						
FP	07									
TO1			Continuing...							
TO2										

OFT-7

1.	Title of On Farm Trial	Assessment of different planting time for better market price of Tomato.
2.	Problem diagnosed	Distress sale of Tomato in Rabi season.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	International journal of agricultural research innovation & technology, www.ijarit.webs
5.	Production system and thematic area	Upland Irrigated, Extensive, Rice-Vegetable
6.	Performance of the Technology with performance indicators	Yield /ha, B:C ratio and Economics
7.	Final recommendation for micro level situation	TO1- Planting of seedling 1 month before onset of normal planting

		period. TO2- Planting of seedling 1 month after onset of normal planting period.
8.	Constraints identified and feedback for research	1.Advancing of planting time by 1 month to help in capturing higher market price in initial period. 2.Delaying of planting by 1 month to help in capturing higher market price.
9.	Process of farmers participation and their reaction	Farmers are appreciated

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.)						
FP	07									
TO1			Continuing...							
TO2										

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		
						M	F	M	F	M	F	M	F	T
1	Paddy	Varietal Evaluation	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	1.0	1.0	-	-	-	-	10	-	10	-	10
2	Paddy	Varietal Evaluation	TO 1-Geetanjali: Aromatic, Duration-135 days,suitable for irrigated Soil,An erect plant type ,it possess good grain quality after cooking,,Yield-6-10 tonnes /ha.	1.0	1.0	-	-	-	-	10	-	10	-	10
3	Paddy	Varietal Evaluation	Swarna Shreya is suitable for rainfed low land and direct seeded aerobic condition with duration of 120-125 days. It has capacity to withstand drought and also tolerance to many disease and insects. Average productivity of this variety is 4.5 to 5.0 t/ha.	1.0	1.0	-	-	-	-	10	-	10	-	10
4	Groundnut	Integrated Weed Management	Pre-emergence application of Oxyflurofen @ 0.04kg/ha ,followed by	1.0	1.0	-	-	-	-	10	-	10	-	10

			early post emergence of Imazathepyr @0.12kg/ha.												
5	Okra	Integrated Weed Management	Pre-emergence application of pendimethalin @ 6 ml/L + one hand weeding was found effective for maximum fruit yield (122.46q/ha) and lowest weed count after 20 DAS, 40 DAS & 60 DAS with B:C ratio 1.49 in Okra.	1.0	1.0	-	-	-	-	10	-	10	-	10	-
6	Brinjal	Integrated Nutrient Management	Application of N-125 kg, P-50 kg, K-50 kg/ha, 5 kg of Azospirilum & PSB each and Foliar application of Boron @ 2gm/lit of water	1.0	1.0	-	-	-	-	10	-	10	-	10	-
7	Onion	Integrated Weed Management	Pre - emergence application of Pendimethalin @ 0.2 % or oxyflurofen + one hand weeding at 40 to 60 DAT is best in reducing cost of cultivation and increasing yield.	1.0	1.0	-	-	-	-	10	-	10	-	10	-
8	Tomato	Integrated Disease Management	Arka Rakshak First F1 hybrid with triple disease resistant to TYLCV, BW and early blight. Fruits square round, large(90-100g),deep red coloured and	1.0	1.0	-	-	-	-	10	-	10	-	10	-

			firm. Suitable for fresh market and processing. Yield: 75-80 t/ha. in 140 days. Seed 100g/ha. Transplanting at a spacing of 90*60 cm.												
9	Watermelon	Integrated Disease Management	Rotational spraying of spinetor @ 1ml/lit, acetamaprid, 0.5ml/lit, fipronil @ 1.5ml/lit and alpha-cyhalothrin @ 1ml/lit at weekly interval protectect the crop from viral diseases.	1.0	1.0	-	-	-	-	10	-	10	-	10	-
10	Okra	Integrated Pest Management	Seed Treatment with Imidacloprid 600 FS @ 5 gm / Kg, Installation of Yellow Sticky Trap @ 50 / ha and spraying Acetamiprid 20 SP @ 0.3 gm / Lit. at 30 and 45 DAS proved to be the best practice in controlling the white fly and reducing the YVMV in okra	1.0	1.0	-	-	-	-	10	-	10	-	10	-
11	Brinjal	Integrated Disease Management	Treatment seedling root dip in Chloramphenicol @ 200ppm/l+ Soil application of Bleaching powder @ 25kg/ha and drenchin of streptocycline and coper oxychloride effectively reduces the bacterial wilt	1.0	1.0	-	-	-	-	10	-	10	-	10	-

			incidence in solanaceous vegetables.														
12	Cotton	Integrated Pest Management	Planting of maize as border crop around the field, intercropping of cowpea @ 8:2 ratio. Application of Azadirachtin 0.15% @ 1.5 Lit./ ha twice @ 30 & 45 DAS. And Flonicamid 50% WG @ 175 gm/ha twice at 10 days interval reduces the severe incidence of sucking pests	1.0	1.0	-	-	-	-	10	-	10	-	10	-		

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 ₂ O ₅	K ₂ 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 : NA

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
Total															

* 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

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
	Total														

* 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 : NA

Livestock : 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

Fisheries : NA

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demons ration	Check		Demons ration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Common carps																	
Mussels																	
Ornamental fishes																	
Others (pl.specify)																	
		Total															

* 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 : NA

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demons ration	Check		Demons ration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	Enterprise development															
Button mushroom																
Vermicompost																
Sericulture																
Apiculture																
Others (pl.specify)																
		Total														

* 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 : NA

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 : 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**

Demonstration details on crop hybrids : NA

Technical Feedback on the demonstrated technologies :

Sl. No	Crop	Feed Back
1.	Paddy(Hasant)	High yielding,BPH tolerant thtas why farmers are interested to adopt this variety.
2.	Tomato(Arka Rakshak)	High yielding ,Tripple resistant to disease so highly demand to the farmers.

Extension and Training activities under FLD : NA

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	27.10.21,10.11.21,26.12.21 & 27.12.21	04	200	
2.	Farmers Training	08.07.21,14.07.21,30.07.21,12.08.21,14.08.21,15.09.21, 25.09.21	07	175	
3.	Media coverage	25.08.21, 27.08.21, 18.09.21,29.09.21, 07.10.21, 15.10.21,16.10.21,12.01.22	08	-	
4.	Training for extension functionaries	21.09.21, 23.11.21,13.11.21	03	30	

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif2021 and Rabi 2021-2022:

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	Kandula	9.5	145	54	-650	Use of HYV PRG176; Seed treatment with carboxin+ thiram; Application of	50	20	14.0	11.8	12.9	2.94q	8.45q	-2.1q

							herbicides (pendimethalin and imazethapyr)								
2	Greengram	Jhainmoog	6.7	503	476	1204	Use of HYV(IPM-02- 14)Seed treatment with carboxin+ thiram; Application of herbicides (pendimethalin 2.5 lit/ha Application of Imidacloprid @0.4 ml/litcontrol sucking pest attack	25	10	7.5	5.7	6.7	1.63	1.90	-5.7
3	Groundnut	AK -12-24	14.5	15.5 (q)	17.2(q)	20(q)	use of HYV seed(Devi)Seed treatment, Use of Herbicide: Imazethapyr and Plant protection chemicals	25	10	20.5	15	17.75	44	30	12

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	Use of HYV(PR-G-176) Seed treatment with carboxin+thiram; Application of herbicides(pen dimethalin and imazethapyr)	22650	43200	20550	1.9	24200	51600	27400	2.1
2	Use of HYV(IPM-02-14)Seed treatment with carboxin+thiram; Application of herbicides (pendimethalin 2.5 lit/ha Application of Imidacloprid @0.4 ml/lit/control sucking pest attack	27650	37100	9450	1.34	20200	46900	17700	1.6

3	use of HYV seed-Seed treatment, Use of Herbicide Imazethapyr and Plant protection chemicals	23000	96795	73795	3.62	22500	113225	89725	4.78
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C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1	Pigeon pea (PRG-176)	12900	50	40	100	190	for next season farming and house expenses	90
2	Green gram (IPM-02-014)	670	500	70	70	100	sold as seed	household expenditure
3	Groundnut	20000	1500	60	1000	2000	sold as seed	household expenditure

D. Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (With name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1	use of HYV seed-Devi Seed treatment, Use of Herbicide	Yes	yes	Yes	No	Yes	

	Imazethapyr and Plant protection chemicals						
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E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
HYV Pigeonpea variety (PRG-176) Medium duration: 150 days; Plant ht:140-227 cm; 50% flowering: 110-125 days; 75% flowering: 160-202 days; seeds brown, oval; 100 seed wt: 10.2-11.2 g; Potential yield:15-16q/ha; Resistant to <i>fusarium</i> wilt and sterility mosaic	Well in farmer's field	Demonstrated technology of improved variety with seed treatment; weed management by herbicides and proper plant protection measures resulted higher grain yield and profit as compared to local check under CFLD programme resulted.	Farmers were convinced with the technology and decided to cultivate this variety in next season with same package of practices.
HYV Greengram (IPM-02-14) released on 2012, Potential yield:12.4q /ha; Duration: 75-80 days, Resistant to YMV.	Excellent in field condition	Demonstrated technology of improved variety with seed treatment; weed management by herbicides and proper plant protection measures resulted higher grain yield and profit as compared to local check under CFLD programme resulted.	suitability to their farming system

use of HYV seed-Seed treatment, Use of Herbicide Imazethapyr and Plant protection chemicals	Excellent in field condition	Demonstrated technology of improved variety with seed treatment; weed management by herbicides and proper plant protection measures resulted higher grain yield and profit as compared to local check under CFLD programme resulted.	suitability to their farming system
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F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Field day (Pigeonpea)	22.12.2021	50
2	Field day (greengram)	18.10.2021	50
3	Field day (groundnut)	26.12.2021	50
4	Training programme(Pulse seed preservation)	22.11.2021	25

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





H. Farmers' training photographs



I. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Pigeon Pea	i) Critical input	156,050	156,050	Nil
	ii) TA/DA/POL etc. for monitoring	10450	10450	
	iii) Extension Activities (Field day)	7500	7500	Nil
	iv) Publication of literature	6000	6000	Nil
	Total	180,000/-	180,000/-	Nil

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Greengram	i) Critical input	80750	80750	Nil
	ii) TA/DA/POL etc. for monitoring	5500	5500	
	iii) Extension Activities (Field day)	3750	3750	Nil
	iv) Publication of literature	-	-	Nil
	Total	90000	90000	Nil

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Ground nut	i) Critical input	92,250	92,250	Nil
	ii) TA/DA/POL etc. for monitoring	8,800	8,800	
	iii) Extension Activities (Field day)	3750	3750	Nil
	iv) Publication of literature	14,000	14,000	Nil

	Total	1,18,800	1,18,800	Nil
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3.3 Achievements on Training (Including the sponsored and FLD training programmes):

A) Farmers and farm women (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management	1	12	03	15	05	03	08	02	-	02	19	06	25
Integrated water management	1	21	-	-	2	-	-	2	-	-	25	-	25
Integrated Nutrient Management	1	16	-	-	4	-	-	5	-	-	25	-	25
Production and use of organic inputs	1	05	08	13		10	10		02	02	05	20	25
Management of Problematic soils	1	18	-	18	3	-	3	4	-	4	25	-	25
Micro nutrient deficiency in crops	1	21	-	21	2	-	2	2	-	2	25	-	25
Nutrient Use Efficiency													
Balance Use of fertilizer	1	11	04	15	06	02	08	01	01	02	18	07	25
Soil & water testing	1	14	02	16	04	-	04	05	-	05	23	02	25
others													
Total													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	1	12	03	15	05	03	08	02	-	02	19	06	25
Design and development of low/minimum cost diet	1	21	-	-	2	-	-	2	-	-	25	-	25
Designing and development for high nutrient efficiency diet	1	16	-	-	4	-	-	5	-	-	25	-	25
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs	1	18	-	18	3	-	3	4	-	4	25	-	25
Storage loss minimization techniques	1	21	-	21	2	-	2	2	-	2	25	-	25
Value addition	1												
Women empowerment	1	12	03	15	05	03	08	02	-	02	19	06	25

Thematic Area	No. of Courses	No. of Participants									Grand Total			
		Other			SC			ST						
		M	F	T	M	F	T	M	F	T	M	F	T	
Shrimp farming														
Edible oyster farming														
Pearl culture														
Fish processing and value addition														
Others														
	Total													
IX. Production of Input at site														
Seed Production														
Planting material production														
Bio0agents production														
Bio0pesticides production														
Bio0fertilizer production														
Vermi0compost production														
Organic manures production														
Production of fry and fingerlings														
Production of Bee0colonies and wax sheets														
Small tools and implements														
Production of livestock feed and fodder														
Production of Fish feed														
Mushroom production														
Apiculture														
Others														
	Total													
X. Agriculture Extension														
Stress management & enhancing work efficiency in agriculture	1	19	-	-	2	-	-	4	-	-	25	-	25	
Staggered planting methods in tomato to avoid glut in market	1	17	-	-	3	-	-	5	-	-	25	-	25	
Soil sampling methods & nutrient management	1	21	-	-	2	-	-	2	-	-	25	-	25	
Role of farmer producer organization in strengthening farmers economy	1	16	-	-	4	-	-	5	-	-	25	-	25	
Group leadership and management of SHGs	1	18	-	-	3	-	-	4	-	-	25	-	25	
WTO and IPR issues														
Others														
	Total	5	91	-	-	14	-	-	21	-	-	125	-	125
XI. Agro forestry														
Forest nursery and its management	1	17	-	-	3	-	-	5	-	-	25	-	25	
Growing of Acacia mangium for profit	1	21	-	-	2	-	-	2	-	-	25	-	25	
Teak farming	1	16	-	-	4	-	-	5	-	-	25	-	25	

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Multi Purpose Trees and their cultivation	1	20	-	-	2	-	-	3	-	-	25	-	25
Agro-forestry systems	1	19	-	-	2	-	-	4	-	-	25	-	25
Total	5	93	-	-	13	-	-	19	-	-	125	-	125
XII. Others (Pl. Specify)													
GRAND TOTAL	25	464	0	0	66	0	0	96	0	0	625	0	625

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Integrated Nutrient Management and its importance in Sustainable Agriculture	02	9	-	-	3	-	-	3	-	-	15	-	15
Awareness on different Organic Formulations such as Amrit pani, Jeeva amrit etc for organic food production.	02	9	-	-	3	-	-	3	-	-	15	-	15
Protected cultivation of vegetables	02	8	-	-	2	-	-	5	-	-	15	-	15
Post harvest management of vegetables	02	9	-	-	3	-	-	3	-	-	15	-	15
Safe use of pesticide, method of spraying & spraying techniques	02	7	-	-	3	-	-	5	-	-	15	-	15
Production techniques of paddy straw and oyster mushroom production	02	10	-	-	2	-	-	3	-	-	15	-	15
Income generation through understanding of marketing strategy and marketing channel	02	9	-	-	2	-	-	4	-	-	15	-	15
Post harvest management and its value addition of oyster mushroom	02	10	-	-	2	-	-	3	-	-	15	-	15
Propagation of Bamboo through culm cutting method	02	11	-	-	1	-	-	3	-	-	15	-	15
Mushroom Production													
Others													
Total	18	82	0	0	21	0	0	32	0	0	135	0	135

C) Extension Personnel (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Organic Farming –Method of Preparation of	01	10	-	-	10	-	-	-	-	-	10	-	10

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Vermicompost & Vermi wash													
Physiological disorder in fruits crops	01	10	-	10	-	-	-	-	-	-	10	-	10
Identification of insect pest & diseases of major crops of Boudh district & its management practices	01	10	-	10	-	-	-	-	-	-	10	-	10
Rejuvenation of old orchards	01	10	-	10	-	-	-	-	-	-	10	-	10
Application of ICT in Agriculture	01	10	-	10	-	-	-	-	-	-	10	-	10
Motivational and communication skills for extension personnel	01	10	-	10	-	-	-	-	-	-	10	-	10
Lac cultivation	01	10	-	10	-	-	-	-	-	-	10	-	10
Gender mainstreaming through SHGs													
Other													
Total	07	70	-	70	-	-	-	-	-	-	70	-	70

D) Farmers and farm women (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Scientific method of paddy cultivation and Importance of Line Sowing.	1	19	-	-	2	-	-	4	-	-	25	-	25
Integrated Weed Management in Paddy.	1	17	-	-	3	-	-	5	-	-	25	-	25
Importance of growing of pulse crop for alleviating pulse deficit in odisha	1	21	-	-	2	-	-	2	-	-	25	-	25
Integrated Nutrient Management in Arhar.	1	16	-	-	4	-	-	5	-	-	25	-	25
SafetSafety and precaution for herbicide uses.	1	18	-	-	3	-	-	4	-	-	25	-	25
Weed Management in pulses and oilseed crops.	1	19	-	-	2	-	-	4	-	-	25	-	25
Package & practices of Rabi oilseed crop-mustard	1	17	-	-	3	-	-	5	-	-	25	-	25
Nursery management													
Integrated Crop Management													
Soil & water conservation													
Integrated nutrient Management													
Production of organic inputs													
Others													
Total	7	127	0	0	19	0	0	29	0	0	175	0	175
II. Horticulture													
a) Vegetable Crops													
INM in solanaceous vegetable	1	17	-	-	3	-	-	5	-	-	25	-	25

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Others													
	Total (f)												
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
	Total (g)												
	Total(a-g)												
III. Soil Health and Fertility Management													
Soil fertility management	1	14	03	17	3	-	3	5	-	5	25	-	25
Integrated water management	1	17	04	21	2	-	2	2	-	2	25	-	25
Integrated Nutrient Management	1	16	-	-	4	-	-	5	-	-	25	-	25
Production and use of organic inputs	1	18	-	-	3	-	-	4	-	-	25	-	25
Management of Problematic soils	1	15	04	19	2	-	2	4	-	4	25	-	25
Micro nutrient deficiency in crops	1	17	04	21	2	-	2	2	-	2	25	-	25
Nutrient Use Efficiency													
Balance Use of fertilizer	1	17	-	-	3	-	-	5	-	-	25	-	25
Soil & water testing	1	21	-	-	2	-	-	2	-	-	25	-	25
others													
	Total												
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
	Total												
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	1		17	17		06	06		02	02		25	25
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet	1		15	15		07	07		03	03		25	25
Minimization of nutrient loss in processing	1		14	14		09	09		02	02		25	25

Thematic Area	No. of Courses	No. of Participants										Grand Total		
		Other			SC			ST						
		M	F	T	M	F	T	M	F	T	M	F	T	
Total	5	91	0	0	14	0	0	20	0	0	125	0	125	
XI. Agro forestry														
Cultivation of medicinal plants and their uses	1	21	-	-	2	-	-	2	-	-	25	-	25	
Meeting of fuel wood equipment through homestead forestry	1	16	-	-	4	-	-	5	-	-	25	-	25	
Cultivation of lemon grass	1	18	-	-	3	-	-	4	-	-	25	-	25	
Environmental pollution	1	19	-	-	2	-	-	4	-	-	25	-	25	
Forest and climate change	1	17	-	-	3	-	-	5	-	-	25	-	25	
Social forestry	1	21	-	-	2	-	-	2	-	-	25	-	25	
Minor forest products	1	16	-	-	4	-	-	5	-	-	25	-	25	
Saal trees and products derived from it.	1	18	-	-	3	-	-	4	-	-	25	-	25	
Total														
XII. Others (Pl. Specify)														
GRAND TOTAL	8	146	0	0	23	0	0	31	0	0	200	0	200	

E)RURAL YOUTH (Off Campus) : NA

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Total													

F) Extension Personnel (Off Campus) : NA

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Production and use of organic inputs													
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other													
Total													

G) Consolidated table (ON and OFF Campus) : NA

i. Farmers & Farm Women

ii. RURAL YOUTH (On and Off Campus) : NA

iii. Extension Personnel (On and Off Campus) : NA

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

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Crop Production	F/FW	1. Scientific method of paddy cultivation and Importance of Line Sowing.	01 day	1. Off Campus	12	13	25	8	4	12
	F/FW	2. Integrated Weed Management in Paddy.	01 day	2. Off Campus	15	10	25	8	2	10
	F/FW	3. Importance of growing of pulse crop for alleviating pulse deficit in odisha	01 day	3. Off Campus	14	11	25	10	7	17
	F/FW	4. Integrated Nutrient Management in Arhar.	01 day	4. Off Campus	16	09	25	09	07	16
	F/FW	5. Awareness on Soil Testing and Soil Health Management	01 day	5. On Campus	15	10	25	06	03	09
	F/FW	6. Awareness on use of Bio-fertilizers for sustainable food production and in increasing soil fertility.		6. On Campus	17	08	25	06	04	10
	F/FW	7. Safety and precaution for herbicide uses.	01 day	7. Off Campus	20	05	25	07	01	08
	F/FW	8. Weed Management in pulses and oilseed crops.	01 day	8. Off Campus	22	03	25	10	0	10
	F/FW	9. Importance and Package and practices of millet crop-Ragi	01 day	9. On Campus	20	05	25	06	0	06
	F/FW	10. Package & practices of Rabi oilseed crop-mustard	01 day	10. Off Campus	16	09	25	05	03	08
	F/FW	11. Package and practices for cultivation of sweet corn and its market value	01 day	11. On Campus						
	F/FW	12. Residue management in Rice by the use of waste Decomposer	01 day	12. On Campus	18	07	25	08	02	10
	RY	13. Integrated Nutrient Management and its importance in Sustainable Agriculture	02 days	13. On Campus	15	0	15	05	0	05
	RY	14. Awareness on different Organic Formulations such as Amrit pani, Jeeva amrit etc for organic food production.	02 days	14. On Campus	15	0	15	08	0	08
	In-Service		01 day							

		15. Organic Farming –Method of Preparation of Vermicompost & Vermi wash		15. On Campus	10	0	10	04	0	04
Horticulture	F/FW	1. INM in brinjal	01 day	Off Campus	15	10	25	06	03	09
	F/FW	2. Training on physiological disorder of tomato	01 day	Off Campus	18	07	25	05	02	07
	F/FW	3. Training of agrotechniques of kharif onion	01 day	Off Campus	16	09	25	06	03	09
	F/FW	4. weed management in okra	01 day	Off Campus	25	0	25	08	0	08
	F/FW	5. INM in chilli	01 day	Off Campus	14	11	25	04	02	06
	F/FW	6. INM in solanaceous vegetable	01 day	Off Campus	25	0	25	10	0	10
	F/FW	7. Use of plant growth regulator in vegetable	01 day	Off Campus	14	11	25	05	02	07
	F/FW	8. Agrotechniques of banana cultivation	01 day	Off Campus	15	10	25	04	03	07
	F/FW	9. Water management in fruit crops	01 day	Off Campus	12	13	25	05	03	08
	F/FW	10. Package of practices of oilpalm cultivation	01 day	Off Campus	18	07	25	08	02	10
	F/FW	11. off season vegetable cultivation	01 day	Off Campus	23	03	25	08	0	08
	RY	12. Protected cultivation of vegetables	02 days	On Campus						
	RY	13. Post harvest management of vegetables	02 days	On Campus						
	In Service	14. Physiological disorder in fruits crops	01 days	On Campus						

Plant Protection	F/FW	1. IPM modules for BPH management in low land rainfed rice.	01 day	Off Campus	12	13	25	8	4	12
	F/FW	2. Disease management practices of rice in low land transplanted condition	01 day	Off Campus	15	10	25	8	2	10
	F/FW	3. Integrated pest management of fall army worm in maize	01 day	Off Campus	14	11	25	10	7	17
	F/FW	4. Identification and pest management of cotton in upland rain fed condition	01 day	Off Campus	16	09	25	09	07	16
	F/FW	5. Identification and integrated pest management of viral diseases of vegetables crops	01 day	Off Campus	15	10	25	06	03	09
	F/FW	6. Identification and pest management of watermelon and pumpkin	01 day	Off Campus	17	08	25	06	04	10
	F/FW	7. Post harvest management and storage of rabi onion	01 day	Off Campus	20	05	25	07	01	08
	F/FW	8. Identification and pest management of kharif onion	01 day	Off Campus	22	03	25	10	0	10
	F/FW	9. Identification and management of storage pests of serials pulses and oilseed	01 day	Off Campus	20	05	25	06	0	06
	F/FW	10. Identification & management of grasshoppers different crops .	01 day	Off Campus	16	09	25	05	03	08
	RY	11. Safe use of pesticide, method of spraying & spraying techniques	02 days	On Campus	18	07	25	08	02	10
	RY	12. Production techniques of paddy straw and oyster mushroom production	02 days	On Campus	15	0	15	05	0	05
	In-Service	13. Identification of insect pest & diseases of major crops of Boudh district & its management practices	01 day	On Campus	15	0	15	08	0	08
	Vocational	14. Bee keeping	05 days	On Campus						

					10	0	10	04	0	04
Agril.Extension	F/FW	1. Group leadership and management of SHGs.	01 day	Off Campus	12	13	25	04	03	07
		2. Staggard planting methods in Tomato to avoid glue in Market	01 day	Off Campus	15	10	25	06	03	09
		3. Doubling Farmers Income through Integrated Farming System Model	01 day	Off Campus	25	0	25	12	0	12
		4. Integrated Farming system an approach for climate change mitigation and natural resource management.	01 day	Off Campus	18	07	25	05	02	07
					16	09	25	06	03	09
		5. Good Agricultural Practices and enhanced resource use efficiency for Doubling Farmer Income	01 day	Off Campus	25	0	25	08	0	08
		6. Grading of Agricultural Produce for marketing and storage	01 day	Off Campus	14	11	25	04	02	06
		7. Farm planning for profit maximization	01 day	Off Campus	25	0	25	10	0	10
					14	11	25	05	02	07
		8. Role of Farmer producer organizations in strengthening farmers economy.	01 day	Off Campus	15	10	25	04	03	07
		9. Stress management and enhancing work efficiency in Agriculture.	01 day	Off Campus	12	13	25	05	03	08
		10. Training on marketing linkage on Rabi Onion.	02 days	On Campus	15	0	15	08	0	08
		11. Potential entrepreneurial opportunity in livestock system.	02 days	On Campus	15	0	15	08	0	08
		12. Potential entrepreneurial opportunity in Agri-horti system.	02 days	On Campus	15	0	15	06	0	06
					15	0	15	04	0	04
		13. Income generation through understanding of Marketing strategy and marketing channel.	02days	On Campus	10	0	10	03	0	03
		14. Post-harvest management and its value addition of oyster Mushroom	01 day	On Campus						
		15. Application of ICT in Agriculture	01 day	On Campus						

H) Vocational training programmes for Rural Youth : NA

a) Details of training programmes for Rural Youth

*training title should specify the major technology /skill transferred

b) Details of participation: NA

I) Sponsored Training Programmes : NA

a) Details of Sponsored Training Programme

Sl.N o	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of participants	Sponsoring Agency
					PF/RY/EF			
01	Petroleum Conservation Research Association	Conservation of energy in the sector of Industry, Agriculture, Domestic and Commercial.	September	04 days 15.09.2021 18.09.2021 21.09.2021 22.09.2021	PF	04	120	PCRA

b) Details of participation : NA

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

Advisory Services	134	488	272	760	38	-	-	-	488	272	760
Scientific visit to farmers field	143	400	73	473	37	-	-	-	400	73	473
Farmers visit to KVK	322	300	22	322	39	-	-	-	300	22	322
Diagnostic visits	-	-	-	-	-	-	-	-	-	-	-
Exposure visits	3	25	-	25	5	-	-	-	25	-	25
Ex-trainees Sammelan	-	-	-	-	-	-	-	-	-	-	-
Soil health Camp	-	-	-	-	-	-	-	-	-	-	-
Animal Health Camp	-	-	-	-	-	-	-	-	-	-	-
Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-
Soil test campaigns	-	-	-	-	-	-	-	-	-	-	-
Farm Science Club	-	-	-	-	-	-	-	-	-	-	-
Conveners meet											
Self Help Group	-	-	-	-	-	-	-	-	-	-	-
Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
MahilaMandals	-	-	-	-	-	-	-	-	-	-	-
Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
Celebration of important days	1	45	5	50	-	-	-	-	45	5	50
Sankalp Se Siddhi	-	-	-	-	-	-	-	-	-	-	-
Swatchta Hi Sewa	-	-	-	-	-	-	-	-	-	-	-
MahilaKisan Divas	-	-	-	-	-	-	-	-	-	-	-
Any Other (Specify)	-	-	-	-	-	-	-	-	-	-	-
Total	623	3483	1619	5102	247	175	53	228	3658	1672	5330

B. Other Extension activities

Nature of Extension Activity	No. of activities
Book/ Booklet	03
Leaflets	02
Poster/Flex	19
News letter	01
News paper Coverage	04
Popular Articles	-

Technical bulletins	04
Technical report	06
Training material	-
Year planner	01
CDs/ DVDs	08
TOTAL	48

3.5 a. Production and supply of Technological products : NA

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					
					SC		ST		Other	
					M	F	M	F	M	F
Total										

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided					
				SC		ST		Other	
				M	F	M	F	M	F
Pigeonpea	PRG-176	4.0	6000	-	-	-	-	-	-
Dhanicha	TL	1.0	750	-	-	-	-	-	-
Grand Total	-	5.0	6750						

Grand Total

Production of planting materials by the KVKS

Production of Bio-Products: NA

Production of livestock materials : NA

Turkey											
Emu											
Ducks											
Others (Pl. specify)											
Piggery											
Piglet											
Hog											
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: NA

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

ii) Quality Seed Production Reports : NA

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2020						
Rabi 2020-21						

Summer/Spring 2021						
Kharif 2021						
Rabi 2021-2022						

iii) Financial Progress

Fund received (2017-18, 2018-19, 2019-20, 2020-21, 2021-22)	Expenditure (Rs. in lakh)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2017-18	-	-	-	-
2018-19	-	-	-	-
2019-20	8.07	-	-	Repair & Renovation work of Administrative Building & Farmers Hostel
2020-2021	-	-	-	-
2021-2022	-	-	-	-

iv) Infrastructure Development: NA

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
Book/ Booklet	Vermicompost Propduction	Dr. Sutanu	150	150

		Kumar Satapathy, Sasmita Priyadarshini, Mayuri Sing Sardar		
Leaflets	<ul style="list-style-type: none"> • Leaflet on Seed treatment • Leaflet on IWM on Paddy • Leaflet on Package and practices of Ground nut • Leaflet on Package and practices of Pigeon pea • Leaflet on Package and practices of Mustard • 	Sj. Tapan Kumar Das Sasmita Priyadarshini, Mayuri Sing Sardar -	05	1800
Poster/Flex	-	Sj. Tapan Kumar Das Sasmita Priyadarshini, Mayuri Sing Sardar	500	425
News letter		-	-	-
News paper Coverage	08	-	08	Mass
Popular Articles	-	-	-	-
Technical bulletins	-	-	04	15
Technical report	-	-	06	30
Training material	-	-	-	-
Year planner	-	-	01	20
CDs/ DVDs	-	-	08	200
Total	-	-	30	3765

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: NA

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) : NA

Name of farmer	Sri Kshetrabasi Naik
Address	Village-Rampur, G.P:- Telibandha, Dist-Boudh
Contact details (Phone, mobile, email Id)	Mob: 09668209671
Landholding (in ha.)	1.5 ha
Name and description of the farm/enterprise	Sri Kshetrabasi Naik is an innovative farmer of village Rampur of Boudh district. He has 1.5 ha of land. Out of which 0.6 ha is upland. He used to cultivate paddy in Kharif season & green gram in Rabi season from which he was getting low return. He was in search some better crop for earning more profit than paddy.
Economic impact	He cultivates early cauliflower in 0.25 ha area & Brinjal in 0.25 ha in Kharif season, Onion in 0.3 ha in late Kharif season & Tomato in 0.2 ha in spring summer. He is able to fetch higher market price from early cauliflower crop
Social impact	The socioeconomic condition of Sri Kshetrabasi Naik has been improved. He has become an ideal farmer in his locality. Farmer of his village & neighboring village are seeking suggestion from him for off season cultivation.
Environmental impact	Other farmers of his village was motivated towards agriculture and allied sector only for inspire from Mr. Naik.
Horizontal/ Vertical spread	With the success of Sri K.Naik farmers of his village have shown are showing interest for off season cultivation. Now farmers are cultivating early cauliflower in 3 ha area in that village. Besides farmers have started growing off season vegetable like Kharif Onion, Kharif Tomato in that village

	 	 
2. Name of farmer	Sri Pradeep Kumar Bhanja	
Address	At- Lambakani, GP- Harbhanga, Dist- Boudh	
Contact details (Phone, mobile, email Id)	Mobile No : 9556135707	
Landholding (in ha.)	3.0 ha	
Name and description of the farm/ enterprise	Through Sri P.Bhanja was a small farmer but he was innovative & dynamic. Being exposed to multifarious activities of KVK he was inspired for cultivation of such crops that can give more return per unit area. He attended training on off season vegetable cultivation organised by KVK. He was also supplied with extension literature of off season vegetable cultivation. Later he expressed his interest for such crops which can be cultivated in off season. He was included as beneficiaries in mandatory activity of KVK like OFT, FLD	
Economic impact	Now he cultivates Paddy, Greengram, and Vegetables. Besides he is also cultivating livestock like kept cows, Chicks, fingerlings etc. He is also raising vegetable seedling in low cost plastic tunnel during Kharif season. After meeting his own demand for vegetable seedling he also sale surplus seedling to other farmer.	
Social impact	Sri. P.Bhanja set himself as a role model for farmer of his village & other neighbouring village. Other farmers of his village have also started off season vegetable cultivation in a 6 Ac of Area.	
Environmental impact	More than 45 nos of farmers are also motivated by him.	
Horizontal/ Vertical spread	Farmers of other adjacent village like Badhigaon, Khuntiapada, Nuapalli have also started	

	off season vegetable cultivation in small scale initially.
	 

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

Sl. No.	Name/ Title of the technology	Name/ Details of the Innovator(s)	Brief details of the Innovative Technology

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) : NA

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

b. Give details of organic farming practiced by the farmer : NA

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)
1	Vegetables(Brinjal , Tomato etc)	2-4 ha	100-120 qt	78nos.	yes

3.10. Indicate the specific training need analysis tools/methodology followed by KVKs : NA

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed

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

Sl. No	Name of the Equipment	Qty.
1	Mridaparikshaka	01
2	Distillation system	01
3	Digestion system	01
4	Acid neutralization scrubber	01
5	Digestion tube	01
6	Precision balance	01
7	Digital balance	01
8	Magnetic stirrer	01
9	Rectangular hot plate	01
10	Bouycous hydrometer	01
11	Flame photometer	01
12	Spectrophotometer	01
13	Double distillation unit	01
14	Distillation apparatus power supply	01
15	Rotary shaker	01
16	PH,EF,TDS combined meter	01
17	Digital soil moisture meter	01

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			
100	20	120	500	14	-

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
1	World Soil Day	100	18	Sj. Lalatendu Mishra, Collector cum District Magistrate 2. Smt. Joshna Rani Bhoi, President Zilla Parishada	50	100

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

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 : NA

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

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

No of student trained	No of days stayed
01	180 days

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
26.08.2021	DSWO, DPC (Mission Sakti)	National Campaign programme on Food & Nutrition for farmers.

17.09.2021	PD DRDA, CDAO, DD (NHRDF), DPC (Mission Sakti), FO (IFFCO)	International year of millets 2023 & National campaign on Poshan Abhiyan & Tree Plantation
28.09.2021	ADH, Boudh & AAO, Boudh	Farmers Scientist Interface on climate resilient varieties technologies and practices.
15.10.2021	Hon'ble Vice Chancellor & Dean Extension Education	Attended Mahila Kisan Divas & monitoring of KVK activities.
11.01.2022	All the Heads of all Deptt.	For attending 18 th SAC Meeting

4. IMPACT

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

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 : NA

(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 : NA

Sl. No.	Brief details of technology	Impact of the technology in subjective terms	Impact of the technology in objective terms

4.4. Details of innovations recorded by the KVK : NA

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 : NA

Entrepreneurship development	
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 : NA

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
Odisha University of Agriculture &	Given Technical guidance and arranging extension activities,

Technology	different types of workshop programme. Arrangements of RAWE programme for students.
Collectorate	<ul style="list-style-type: none"> • Grievance day meeting • Agril Production council meeting • Periodical technical/ consultative meeting.
Agriculture department	<ul style="list-style-type: none"> • Arranged In service training to AAO &VAWs and extension activities, skill training programme under ATMA . • Assessing the training needs of farmers in areas of crop improvement,production,protection and mechanization. • Involved in mid monthly DLREI meeting. • Field Day programme • Jointly Diagnostic field visit with KVK scientist to affected Field of the district. • Arranged farmers scientist interaction programme. • Attended Sac meeting as a Sac members and giving valuable suggestion.
Horticulture Department	<ul style="list-style-type: none"> • Assessing the training needs of farmers in areas of crop improvement,production,protection and mechanization with collaboration of agril dept. and KVK. • Seedling supply demonstration programme. • NHM training programme • Attended as a Resource person for Mission Shakti training programme • Jointly Diagnostic field visit with KVK scientist to affected Field of the district. • Attended Sac meeting as a Sac members and giving valuable suggestion.
District Social Welfare Society/Mission Shakti.	<ul style="list-style-type: none"> • Arrangements for supply of WSHGs group members for Mission Shakti training programme. • Involved in Poshan Maah programme for AWW and farm women. • Jointly organized different type of Nutri garden or Nutritional security programme for AWW,Farm women, Pregnant woman, Lactating mothers.
State Bank of India(LDM)	<ul style="list-style-type: none"> • Given financial guidance to the women self-help group members for further facilities to get loan for starting their entrepreneurship.
Animal Husbandry department	<ul style="list-style-type: none"> • Advisory services. • Supply of chicks of different types of poultry breeds. • Conducting veterinary campaign for farmers. • Organized collaborative workshop programme with KVK of

	<ul style="list-style-type: none"> • NADCP for foot and mouth disease. • Attended Sac meeting as Sac members and giving valuable suggestions.
Watershed and soil conservation department	<ul style="list-style-type: none"> • Organizing awareness programme or training jointly with KVK for planting and bund development, water harvesting structure development and demonstration programme. • Attended as a resource person for different type of extension activities programme. • Attended Sac meeting as a SAC member and giving valuable suggestions.
NABARD	<ul style="list-style-type: none"> • Involve in farmers group discussion. • Discussion with FPOs for better marketing. • Training to the farmers.
Forestry	<ul style="list-style-type: none"> • Awareness created about Afforestation programme. • Collaborative programme with KVK about Plantation programme. • Distribution of quality planting material to the farmers of the district.
KVK Subarnapur	<ul style="list-style-type: none"> • Input purchase(Supply of Kadaknath chicks) • Supply of resource person for different types of extension training programme, workshop, SAC meeting, Exhibitions etc. • Exposure visit.
NGOs	<ul style="list-style-type: none"> • Arranged awareness programme on different type of agricultural activities, social issues etc. • Organized training programmes. • Attended SAC meeting

5.2. List of special programmes undertaken during 2021 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**) : NA

a) Programmes for infrastructure development : NA

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.)
Petroleum Conservation Research Association	Create awareness about conservation of energy in the sector of Industry, Agriculture, Domestic and commercial.	15.09.2021 18.09.2021 21.09.2021 22.09.2021	PCRA	28,000

6. PERFORMANCE OF INFRASTRUCTURE IN KVK : NA

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

Sl. No.	Name of demo Unit	Year of estt.	Area(Sq.mt)	Details of production			Amount (Rs.)		Remarks
				Variety/breed	Produce	Qty.	Cost of inputs	Gross income	
1.	Poultry	2005-06	21ft*12 ft	Kalinga Brown, Sonali, Kadaknath, Banraj	2000	1	90,000	1,40,000	
2.	IFS	2016-17	143ft*42ft	Fish	1qt	1	5000	20,000	
3.	Vermicom post	2010-11	23ft*11ft		40qt	6 bed	28,000	60000	
4.	Mushroom unit	2016-17	27ft*13 ft	Paddy straw and oyster mushroom	2 qt	1 no.	12500	30000	
5.	Polyhouse	2010-11	18ft*60ft	Different type of vegetable seedlings	1000000	1 no.	60,000	1,80,000	
6.									
7.									
	Total						195500	430000	

6.2. Performance of Instructional Farm (Crops) :

Name Of the crop	Date of sowing	Date of harvest	Ar ea (ha)	Details of production	Amount (Rs.)	Remarks
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				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Onion(Kharif)	15.08.2021	03.01.2022	0.04	AFDR	Bulk	1.2	2000	3600	
Onion(Kharif)	16.08.2021	04.01.2022	0.04	Bhima Super	Bulk	1.3	2000	3900	
Tomato	15.07.2021	03.10.2021	0.04	Laxmi	Bulk	1.0	1000	3000	
Brinjal	14.06.2021	10.10.2021	0.04	JK-8031	Bulk	1.0	1100	3200	

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

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.	Poultry	Banraj,Kalinga brown,Sonali,Kadaknath	Chicks	2000	90,000	1,40,000/-	
2.							
3.							

6.5. Utilization of hostel facilities : NA

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: 06

Date of completion:

Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI
01.06.2012						
	3R	E-1	E-2	E-3	E-4	2RA
Allotted to staff of KVK,Boudh						

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 1 st April, 2021
	Kharif	Rabi	Kharif	Rabi	
Ground nut	1,20,000		1,20,000		Nil
Mustard		60,000		60,000	Nil

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2021
	Kharif	Rabi	Kharif	Rabi	
Pigeon Pea AND Green Gram	2,70,000		2,70,000		Nil

2019.5. Utilization of KVK funds during the year 2021-22(Not audited) :

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	8800000	6400000	-
2	Traveling allowances	120000	90000	50000
3	Contingencies			
<i>A</i>	Office stationaries (OE)			
<i>B</i>	POL Vehicle	440000	330000	330000
<i>C</i>	Meal Refreshment Training			
<i>D</i>	Training materials	330000	247500	247500
<i>E</i>	FLD	165000	123750	123750
<i>F</i>	OFT	165000	123750	123750
<i>G</i>	SCSP Contingency	900000	665000	665000
<i>H</i>	HRD	30000	-	-
<i>I</i>	Library	10000	10000	10000
<i>J</i>	Swachhta Expenditure	15000	15000	15000
TOTAL (A)				
B. Non-Recurring Contingencies				
1	Equipment & Furniture	200000	200000	200000
2	Works (Installation of Deep bore well)	500000	-	-
3				
4				
TOTAL (B)				
C. REVOLVING FUND		-	-	-
GRAND TOTAL (A+B+C)		11875000	8205000	1765000

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

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year (Kind + cash)
2019-20	2,00,000	1,42,715	71,299	2,71,416
2020-21	2,71,416	1,43,718	97,923	3,17,211
2021-22	117211	112000	60000	169211

7.6. (i) Number of SHGs formed by KVKs : NA

(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities :

- **Nursery Raising techniques of vegetables seedling,**
- **Vermicompost Production**
- **Creat awareness about Poshan**
- **Nutrinol garden and Nutri thali**
- **Mushroom Production**
- **Backyard Poultry Rearing**

(iii) Details of marketing channels created for the SHGs

Women self-help groups who have been adopted nursery raising technique and vermicomposting production as an entrepreneur they have also started selling their products seasonally or round the year and become economically independent. Maximum WSHGs are mostly interested in paddy straw mushroom production because of high demand in market.

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
NA	NA	NA	NA	NA	NA

8. Other information

8.1. Prevalent diseases in Crops: NA

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 programme	Period		No. of the participant		Amount of Fund Received (Rs)
	From	To	M	F	

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. *mKisan*Portal (National Farmers' Portal/ SMSPortal)

Type of message	No. of messages	No. of farmers covered
Crop	36	32508

Livestock	-	
Fishery	-	
Weather	3	32508
Marketing	1	32508
Awareness (COVID-19)	8	32508
Training information	-	
Other	-	
Total	48	32508

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 KVK	
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 Swachh Bharat Programme : NA

Date/ Duration of Observation	Activities undertaken
06.10.2021	Display of banner at prominent places, taking swachhata pledge
11.10.2021	Cleanliness drive including cleaning of offices, corridors and premises.
16.12.2021	Cleanliness and sanitation drive in the saleising village
17.12.2021	Promoting clean and green technologies and organic faring practices in kitchen garden.
20.12.2021	Swachata awareness at local level involving farmers farm women and village youth
23.12.2021	Celebration of special day- Kisan diwas (Farmers Day) inviting farmers. Experience sharing on swachhata initiatives by farmers & villages.

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)		
Total		

9.6.Observation of National Science day: NA

Date of Observation	Activities undertaken

9.7. Programme with SeemaSurakshaBal/ BSF : NA

Title of Programme	Date	No. of participants

9.8. Agriculture Knowledge in rural school : NA

Name and address of school	Date of visit to school	Areas covered	Teaching aids used

Give good quality 1-2 photograph(s)

9.9. Details of Swachhta Hi Surakshaprogramme(16-31.12.2021) organized : NA

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
01	<ul style="list-style-type: none"> Display of banner at prominent places, taking swachhata pledge Cleanliness drive including cleaning of offices, corridors and premises. 	Kanakpur	25	-	-
02	Cleanliness and sanitation drive in the saleising village	Saleising	30	-	-
03	Promoting clean and green technologies and organic faring practices in kitchen garden.	Khuntiapada	25	-	-
04	Swachata awareness at local level involving farmers farm women and village youth	Ereda	25	-	-
05	Celebration of special day- Kisan diwas (Farmers Day) inviting farmers. Experience sharing on swachhata initiatives by farmers & villages.	KVK Campus,Boudh	30	-	-

9.10. Details of MahilaKisan Divas programme(15.10.2021) organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Mahila Kisan Divas	03	50	Hon'ble Vice Chancellor & Dean Extension Education	Dr.Pawan Kumar Agarwal Dr.Prasenjit Mishra

9.11. No. of Progressive/Innovative/Lead farmer identified (category wise): NA

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise
1.	Manoj Kumar Pradhan	Bhejimal,Harbhanga,Boudh Pin-762026 Ph:8144491306	Nursery Raising in Protray technique
2.	Subigyan Ranjan Pradhan	Jubrajpur,Lunibahal, Harbhanga,Boudh Pin-762013 Ph-9078169141	Integrated Farming System
3.	Soumitree Pradhan	Patalipada, Ambajhari,Boudh Pin-762015 Ph-8658542121	IFS and Brooding management of chicks
4.	Kuna Bagha	Panuasahi,Boudh, NAC(1 No. Ward) Pin-762014 Ph-7077905859	Feeding management, Processing of Milk and its product.

5.	Chakamana Bishi	Unchabahali, Manamunda, Kantamal,Boudh Pin-762014 Ph-6370925806	Integrated Farming System
6.	Pradeep Kumar Bhanja	Lambakani,Boudh Pin-762014 Ph-8118942155	Integrated Farming System

9.12. Revenue generation : NA

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

9.13. Resource Generation:: NA

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

9.14. Performance of Automatic Weather Station in KVK : NA

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

9.15. Contingent crop planning : NA

Name of the state	Name of district/KVK	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) :NA

- 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. Celebration of World Food Day in 2021

Sl. No.	Activities undertaken	No. of VIPs attended	No. of participants		
			M	F	T
1	World Food Day	05	37	13	50

12. Progress report of NICRA KVK (Technology Demonstration component) during the period

(Applicable for KVKs identified under NICRA): NA

Natural Resource Management

Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted						Remarks		
				SC		ST		Other		Total		
				M	F	M	F	M	F	M	F	T

Crop Management: NA

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted								Remarks		
		SC		ST		Other		Total				
		M	F	M	F	M	F	M	F	T		

Livestock and fisheries: NA

Name of intervention undertaken	Number of animals covered	No of units	Area (ha)	No of farmers covered / benefitted								Remarks		
				SC		ST		Other		Total				
				M	F	M	F	M	F	M	F	T		

Institutional interventions : NA

Name of intervention undertaken	No of units	Area (ha)	No of farmers covered / benefitted								Remarks		
			SC		ST		Other		Total				
			M	F	M	F	M	F	M	F	T		

Capacity building: NA

Thematic area	No of Courses	No of beneficiaries		

Extension activities : NA

Detailed report should be provided in the circulated Performa: NA

13. Awards/Recognition received by the KVKG

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

Award received by Farmers from the KVK district: NA

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: NA

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): NA

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

16. Integrated Farming System (IFS) : NA

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
01	Pond		1qt	2000	15000	3000	
02	Poultry	21ft*12ft	2000	90,000	1,40,000	5000	

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 adoption of the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1	IFS	<ul style="list-style-type: none"> Backyard rearing of improved poultry breed, Scientific rearing of honey bee Scientific Pisciculture viz. liming, manuring, plankton density measurement, techniques of water quality management, feed management, Multiple stocking, harvesting Scientific vegetable cultivation. 	Rs. 3,60,000	150	 

						
2	Seedling of water melon are raised in poly bag in backyard	<ul style="list-style-type: none"> Mortality in traditional seed sowing was 23% while it was 6% in sowing seeds in ploy bag. Weed population was reduced due to faster growth of plant in later stage. Easy to take care of young seedling in backyard than in the main field which is labour and time saving. 	Rs.7,81,000	670		
3.	Paddy Straw Mushroom Production	<ul style="list-style-type: none"> Utilization of threshed paddy straw. Feeding material (Pulse powder) (3% of dry substrate), Spawn(3%), soaking (8hrs), followed by pH (6-7), straining (moisture 65%), bed layering, covering with polythene, harvesting at budding stage. 	Rs.0.65 Lakh.	890		

					
4.	Artificial brooding management in chicks	<ul style="list-style-type: none"> Brooding management for 21 days with floor space of 0.3 ft with help of chick guards, Artificial heat @1-3 watt/chick, feeder and drinkers @ 1 each for 50 birds. Vaccination against RD on 7th, 28th day IBD on 14th day 	120		
5.	Low Cost Polyhouse For Nursery Raising.	<ul style="list-style-type: none"> Raising of seedlings under low cost pre-fabricated GI frame and UV stabilised polyfilm. Follow proper technique of nursery raising of different vegetables. 	Rs.40,000(2 month)	250	

18. a) Information on **ASCI** Skill Development Training Programme, if undertaken during 2021 : NA

b) Information on Skill Development Training Programme (**Other than ASCI or less than 200 hrs.**, if any) if undertaken during 2021

Thematic area of training	Title of the training	Duration (in hrs.)	No. of participants						Fund utilized for the training (Rs.)	
			SC		ST		Other			
			M	F	M	F	M	F		

19. Information on NARI Project(if applicable) : NA

Name of Nodal Officer	No. of OFT on specified aspects	Title(s) of OFT	No. of FLD on specified aspects	No. of capacity development programme on specified aspects	Total no. of farm women/ girls involved in the project	Details of Issues related to gender mainstreaming addressed through the project

20. Specific programmes for the period

i. Achievements in SCSP (Scheduled Caste Sub-Plan) (Specific for SC farmers only):

Sl. No.	Activity	No. of SC farmers/ stakeholders		
		Male	Female	Total
1	On- farm trials			
2	Frontline demonstrations (4 Nos)	95	55	150
3	No. of Training programmes for farmers	10	15	25
4	Farmers trained (625)	375	250	625

5	No. of Training programmes for Extension Personnel			
6	Extension Personnel trained			
7	Participants in extension activities			
8	Distribution of seed	75	25	100
9	Planting material distributed			
10	Livestock strains and fingerlings distributed			
11	Soil, water, plant, manures samples tested			
12	Mobile agro-advisory provided to farmers			
13	Back yard Poultry	45	35	80

ii. Capacity building of farmers through training on Profitable Dairy Farming and Livestock Management (In case your KVK has Scientist (Animal/Veterinary Science)) : NA

Sl. No.	Title of the training	Date/ Duration	No. of Participants							
			SC		ST		Other		Total	
			M	F	M	F	M	F	M	F

iii. Status of Natural Farming : NA

Crop/ Commodity involved in Natural farming	Area covered under such farming (ha)	No. of farmers practicing Natural farming at present	Details of individual farmers (Name and Contact No.)	Organic component/ inputs used for such farming

iv. Farmer Producer Organizations :

a) General information

Sl. No.	Name & Address of FPO	Name & Contact No. of Head of FPO	No. of farmer members of FPO	Crop/ Enterprise dealt with by FPO	Kind of support provided by KVK in running/ starting of FPO (in brief)
01.	Palli Vikash Farmers	Rajkishor Agrawalla 9938205733	M F T	Fruits and Vegetables	From the Year - 2016 onwards, the Boudh KVK started their activity with the Palli

	At- Pitambarpur,Tileswar, Harbhanga,Boudh- 762013,Odisha Ph:7725509155 pallivikashfpc@gmail.com		314	21 0	524		Vikash Farmer. KVK had uplifted 5 to 6 progressive farmers to focus and encourage the other farmers to adopt their technological and economic achievements. The KVK's movement started in the fields of protected crop cultivation. Technical interventions were also made on Quality planting material production in fruit crops(Pineapple intercropped with mango),strawberry etc.
02.	Bhim Barul Krushak Producer Company Limited At-Sindhigora (Road Side Pada),P.O-Masinagora, Boudh-762018,Odisha Ph: 9668335622 e-mail: bkpcl@gmail.com	Durgacharan Chaulia 9668335622	223	12 5	348	Business of Mahua flower with traders, Supply of Paddy seeds to Farmers. Distribution of Onion seeds, Green gram to Farmers in convergence with KVK, Horticulture & Agriculture departments	KVK Emphasized on SRI technique for paddy, distributed pulse seeds under CFLD programme to their farmers. arranged training programme on rabi onion marketing problem
03.	Banani Krushak Producer Company Limited At/P.O.- Kantamal,Boudh- 762017,Odisha Ph-8260335602 e-mail: santoshmahakul1981@gmail.com	Santosh Mahakul 8260335602	211	17 5	386	Trading of Cotton and Green gram with traders. Supply of Cotton seed to farmers. Distribution of Onion Seeds, Green gram, Ground nut minikit to farmers in convergence with KVK, Horticulture & Agriculture departments	Provided pulse seeds under CFLDprogramme. They always bring their share holder to KVK for exposure visit, KVK have been organized 2to 3 classes during their visit according on their demand.
04.	Puda PahadKrushak Producer Company Limited At-Kanisimili, P.O.- Hargaon, P.S.-Kantamal,	Makhunu Sandha 9777325476	75	55	130	Distribution of Onion Seeds to farmers.	KVK has been arranged training programme on rabi onion cultivation and marketing problem

	Boudh-762017, Odisha Ph-8144620424 e-mail: ekadeshibhukta@gmail.com						
05	Banishree At/P.O.-Madhpur, Harbhanga, Boudh, Odisha Ph-8763805791 e-mail: peaceful2012@rediffmail.com	Sanat Pradhan 8763805791	142	12 8	270	Turmeric, Vegetables, NTFP	KVK highlighted the role of organic farming in agriculture for income generation and health of the consumers.
06	Salunki At/P.O.-Baghiapada, Boudh-762026, Odisha. Ph-7077774143 e-mail: peaceful2012@rediffmail.com	Ajit Pattanayak 9861684860	265	14 5	410	Vegetable, Pulses, Mushroom	KVK has been given training on Mushroom cultivation to the 6 nos. of farmers, distributed pulse seeds under CFLD programme.
07	Matima At/P.O.-Talgaon, Harbhanga, Boudh-762012, Odisha. Ph-9337705201 e-mail: peaceful2012@rediffmail.com	Anar Jani 9438827341	137	87	224	Paddy, Goatery, Vegetable	KVK Emphasized on the eco-friendly horticulture production in the region, SRI technique for paddy and also urged the farmers for adopting the organic farming by giving training.

b) Financial information : NA

Name & Address of FPO	Date of Registration	FPO Registered (Y/N)	Application Submitted for Registration (Y/N)	No. of shareholding farmer members	Equity Amount Collected (Rs.)	Bank Account Opened (Y/N)	Board Reconstituted after attaining minimum membership (Y/N)

v. Nutri-gardens (Village wise) :

Sl. No.	Name of village	Name of crop	Area under the crop (acre)	No. of farmers			Whether bio-fortified variety of crop used (If yes, mention variety & crop)
01	Kankakpur	Brinjal, Tomato, Cauliflower, Chilli	1.0	M	F	T	No
02	Tutumsingha	Bitter gourd, Okra, Tomato, Coriender, Cluster been, Palak & Methi	1.5	10	15	25	No
03	Polam	Chilli, Methi, Amaranthus, Tomato, Brinjal, Okra, Cauliflower	1.0	08	25	33	No
04	Badhigaon	Onion, Okra, Cauliflower, pumpkin, Bottlegourd, Cow pea, Brinjal	1.0	0	25	25	No
05	Lundrujhor	Tomato, Okra, Bitter gourd, Brinjal, Chilli, Methi, Palak, Amaranthus.	1.5	05	30	35	No
06	Tetelenga	Bitter gourd, Okra, Tomato, Coriender, Chilli, Methi, Palak, Amaranthus	1.5	12	22	34	No

vi. Progress report on scientific beekeeping (2020-21 & 2021-22) : NA

21. 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

22. Good quality action photographs (with proper caption) of overall achievements for KVK during the year (best 10)



Awareness Programme on Balanced Use of Fertilizer



Farmers- Scientists interaction on climate Resilient Varieties Technologies & Practices



International year of Millets 2023, Poshan Mahabhiyan & Tree Plantation Programme



Mahila Kisan Divas



National Campaign on Food & Nutrition



Celebration of World Food Day



Celebration of World Soil Day-2021



Hon'ble Prime Minister webcast programme with Farmers on Natural Farming



Demonstration of DRONE in National Farmers' darprogramme

