

**ANNUAL PROGRESS
REPORT**
January 2020 to December 2020
**KRISHI VIGYAN KENDRA,
JAJPUR**



OUAT, BHUBANESWAR



PROFORMA FOR ANNUAL REPORT 2020 (January 2020 to December 2020)

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	
KrishiVigyan Kendra, Jajpur PO: Barchana, Dist.: Jajpur (Odisha), PIN - 754296	Ph.: 06725-226005		jajpurkvk@yahoo.co.in kvkjajpur.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	0674-2397362	9937563162	deanextensionouat@yahoo.com deanextension_ouat@rediffmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Mr. Lalita Kumar Mohanty	KrishiVigyan Kendra, Jajpur PO: Barchana Dist.: Jajpur (Odisha),	9438044584	jajpurkvk@yahoo.co.in kvkjajpur.ouat@gmail.com

1.4. Year of sanction of KVK: 2002

1.5. Staff Position (as on 1st Jan, 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	Mr. Lalita Ku. Mohanty	Agronomy	Agronomy	15,600-39,100 Rs. 32,740/-	12.06.2018	Contractual	Others
2	Subject Matter Specialist	Mrs. Babita Mishra	Horticulture	Horticulture	15,600-39,100 Rs. 32,740/-	13.08.2014	Contractual	Others
3	Subject Matter Specialist	Mr. Subrata Ku. Panigrahi	Agril. Extension	Agril. Extension	15,600-39,100 Rs. 33,730/-	21.05.2018	Contractual	Others
4	Subject Matter Specialist	Dr.(Mrs.)BijayalaxmiMohanta	Ag.Engg	Ag.Engg	15,600-39,100 Rs. 29,950/-	12.04.2012	Contractual	Others
5	Subject Matter Specialist	Mr. Subhasis Dash	Soil Science	Soil Science	15,600-39,100 Rs.29,950/-	11.06.2013	Contractual	Others
6	Subject Matter Specialist	Vacant	-	-	-	-	-	-
7	Subject Matter Specialist	Vacant	-	-	-	-	-	-
8	Programme Assistant	Mr. Siba Prasad Mishra	Horticulture	Horticulture	9,300-34,800 Rs.22,550/-	08.02.2019	Contractual	Others
9	Computer Programmer	Mrs. Sangita Panda	Computer	Computer	9,300-34,800 Rs.19,880/-	02.09.2014	Contractual	Others
10	Farm Manager	Mr. Bipra Charan Swain	Agronomy	Agronomy	9,300-34,800 Rs.17,650/-	27.07.2013	Contractual	Others
11	Accountant / Superintendent	vacant	-	-	-	-	-	-
12	Stenographer	Mr. TruptiRanjanBarik	Steno	Steno	5,200-20,200 Rs.11,560/-	29.06.2012	Contractual	Others
13.	Driver	Mr. Pravat Ku. Naik	-	-	5,200-20,200 Rs.10,480/-	5.11.2015	Contractual	Others
14.	Driver	MamtazAlli Khan	-	-	5,200-20,200 Rs.9,870/-	08.07.2013	Contractual	Others
15.	Supporting staff	Sri Bhagira Dalei	-	-	4,440-14,680 Rs.8,480/-	08.07.2014	Contractual	Others
16.	Supporting staff	vacant	-	-	-	-	-	-

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	0.051
2.	Under Demonstration Units	5.489
3.	Under Crops	6.0
4.	Orchard/Agro-forestry	-
5.	Others with details	-
	Total	11.54 ha

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	-	-	-	-	-	510	Use	ICAR
2.	Farmers Hostel	-	-	-	-	-	450	Use	ICAR
3.	Staff Quarters (6)	-	-	-	-	-	-	-	-
4.	Piggery unit	-	-	-	-	-	-	-	-
5	Fencing								
6	Rain Water harvesting structure	-	-	-	-	-	-	-	-
7	Threshing floor	-	-	-	-	-	770	Use	ICAR
8	Farm godown		-	-	-	-	-	126	Use
9.	Dairy unit								
10.	Poultry unit								
11.	Goatary unit								
12.	Mushroom Lab								
13.	Mushroom production unit								
14.	Shade house								
15.	Soil test Lab								
16	Others, Please Specify (seed grader)						64	Use	RKVY
	Vermicompost unit								
	Azolla unit								
	Implement shed								

* 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
Bolero	Purchased on 17.03.2020	8,00,000/-	10173 km	Functioning
Tractor	Purchased on	3,74,233	2425hr	Functioning

	31.03.2005			
Motor Cycle	Purchased on 31.03.2011	50,000/-	16,000km	Functioning

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Nitrogen analyzer	2010-11	4,26,000	Working	ICAR
PH meter	2010-11	9,898	Working	ICAR
Hot were oven	2010-11	13,200	Working	ICAR
Spectro photo meter	2010-11	2,96,888	Working	ICAR
EC	2010-11	30,000	Working	ICAR
Flame photometer	2010-11	35,600	Working	ICAR
Auto clave	2010-11	62,000	Working	RKVY
Laminar Air flow	2010-11	49,000	Working	RKVY
Hot Air oven	2010-11	15,000	Working	RKVY
Electronic Balance	2010-11	21,000	Working	ICAR
Stabilizer	2013-14	19,860	Working	Contingency
Rotary flask shaker	2013-14	41,000	Working	Contingency
Flame photometer	2013-14	850	Working	Contingency
Quartzcuvette	2013-14	9,450	Working	Contingency
Mini Soil kit	2016-17	1,50,000	Working	ICAR
Moisture meter	2017-18			
b. Farm machinery				
MB Plough	2012-13	26,000	Working	RF
Nine tin Cultivator	2012-13	20,500	Working	RF
Nineteen seed cum fertilizer drill	2015-16	45,000/-	Working	ICAR
Axial flow thresher	2015-16	1,41,000	Working	ICAR
Land laveller	2015-16	14,000	Working	ICAR
c.AV Aids				
Laptop	2008-09	50,000	Working	ICAR
Honda Generator	2010-11	50,000	Working	ICAR
Digital Camera	2011-12	20,000	Working	ICAR
HP printer	2011-12	8000	Working	ICAR
Public address system	2011-12	25,000	Working	ICAR
Printer cum Xerox	2015-16	50,000	Working	ICAR
Laptop	2016-17	50,000	Working	ICAR
Desktop Computer	2016-17	50,000	Working	ICAR
Printer Cum Xerox	2016-17	15000	Working	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
MB Plough	2012-13	26,000	Working	RF
Nine tin Cultivator	2012-13	20,500	Working	RF
Nineteen seed cum fertilizer drill	2015-16	45,000/-	Working	ICAR
Axial flow thresher	2015-16	1,41,000	Working	ICAR
Land laveller	2015-16	14,000	Working	ICAR

1.8. Details of SAC meeting* conducted in the year

Sl. No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
					Conducted in the month of February, 2021

* Salient recommendation of SAC in bullet form

Attach a copy of SAC proceedings along with list of participants

2.a. District level data on agriculture, livestock and farming situation (2018-19)

Sl. no.	Item	Information
1	Major Farming system/enterprise	North Easter Coastal plain Zone mid central table land zone
2	Agro-climatic Zone	Low lying flood prone Saline Soil Red Laterite Rainfed Alluvial Rainfed River vally alluvial medium rainfall Light laterite (High rainfall)
3	Agro ecological situation	Alluvial, Saline soil Alluvial, Alluvial Red Laterite, Red Laterite Alluvial, Red Laterite
4	Soil type	Paddy-28.36qtl/ha, Groundnut-15.95qtl/ha Green gram-3.15qtl/ha
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Average rainfall-1246.8mm Min yearly temperature -28.5 ⁰ Average humidity-84-87%
6	Mean yearly temperature, rainfall, humidity of the district	North Easter Coastal plain Zone mid central table land zone
7	Production of major livestock products like milk, egg, meat etc.	Milk-78.92 milk TMT, Egg-334.93 lakh egg Meat-1099.97 MT

Note: Please give recent data only

2.b. Details of operational area / villages (2018-19)

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		Rasulpur	Dihakuransa	Paddy, groundnut Vegetables	Lack of proper crop management practice in field, vegetable and pulses and other cash crops Micronutrients deficiency in groundnut Deterioration of existing varieties use by the farmers in field and horticultural crops. Scarcity of labour	Improved crop management practices in cereals, Pulses, vegetables and cash crops. Micronutrient application in groundnut Varietals substitution in field and horticultural crops. Farm mechanisation
2		Binjharpur	Jari	Paddy Poultry	Lack of proper crop management practice in field, vegetable and pulses and other cash crops Lack of knowledge on improved breed.	Improved crop management practices in cereals, Pulses, vegetables and cash crops. Entrepreneurship development in poultry
3		Dharmasala	Choromuha	Paddy Greengram Vegetable	Lack of proper crop management practice in field, vegetable and pulses and other cash crops Deterioration of existing varieties use by the farmers in field and horticultural crops.	Improved crop management practices in cereals, Pulses, vegetables and cash crops. Varietals substitution in field and horticultural crops.

4		Jajpur	Khadiyada	Paddy Greengram Vegetables Duckery	Lack of proper crop management practice in field, vegetable and pulses and other cash crops Deterioration of existing varieties use by the farmers in field and horticultural crops Unemployment problem of rural youth Scarcity of labour	Improved crop management practices in cereals, Pulses, vegetables and cash crops. Varietals substitution in field and horticultural crops Entrepreneurship development poultry, duckery Farm mechanisation
5		Sukinda	Sansailo	Paddy Goatery Mushroom	Lack of proper crop management practice in field, vegetable and pulses and other cash crops Local breed farming gives low farm income Unemployment problem of rural youth	Improved crop management practices in cereals, Pulses, vegetables and cash crops Entrepreneurship development ingoatary, mushroom.

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2018-19) for its development and action plan

Name of village	Block	Action taken for development
Dihakuransa	Rasulpur	• Farmers club formation, SHGs formation. • Improved crop management practices in cereals, Pulses, vegetables and cash crops. • Varietals substitution in field and horticultural crops • Farm mechanisation • Entrepreneurship development in poultry, duckery and mushroom cultivation • Vermi-compost pits,
Choromuha	Dharamasala	• Farmers club formation, SHGs formation. • Improved crop management practices in cereals, Pulses, vegetables and cash crops. • Varietals substitution in field and horticultural

		- crops • Farm mechanisation • Entrepreneurship development in poultry, duckery and mushroom cultivation • Vermi-compost pits,
Khadipada	Jajpur	• Farmers club formation, SHGs formation. • Improved crop management practices in cereals, Pulses, vegetables and cash crops. • Varietals substitution in field and horticultural crops • Farm mechanisation • Entrepreneurship development in poultry, duckery and mushroom cultivation • Vermi-compost pits,
Sunsilo	Sukinda	• Farmers club formation, SHGs formation. • Improved crop management practices in cereals, Pulses, vegetables and cash crops. • Varietals substitution in field and horticultural crops • Farm mechanisation • Entrepreneurship development in poultry, duckery and mushroom cultivation • Vermi-compost pits,
Jari	Binjharpur	• Farmers club formation, SHGs formation. • Improved crop management practices in cereals, Pulses, vegetables and cash crops. • Farm mechanisation • Entrepreneurship development in poultry, duckery and mushroom cultivation • Vermi-compost pits,

Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	Assessment of IWM in greengram
2.	Problem diagnosed	Heavy weed infestation in greengram
3.	Details of technologies selected for assessment/refinement	TO ₁ - Pre emergence application of herbicide Pendimethalin @2500ml/ha at 3DAS TO ₂ - Post emergence application of herbicide Imazethapyr @750ml/ha 15DAS
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OUAT, 2015
5.	Production system and thematic area	Rice based production system , IWM
6.	Performance of the Technology with performance indicators	Yield and WCE of both the new tech Options are higher than farmers practice. The WCE of TO1 and TO2 were 72% and 87 % respectively
7.	Final recommendation for micro level situation	TO2 is better than TO1
8.	Constraints identified and feedback for research	Te herbicide use in controlling weeds in greengram is very easy and time saving. Manual weeding is difficult and not economical
9.	Process of farmers participation and their reaction	The farmers became satisfied with the performance of weedicide and ensure to apply in future

Thematic area: IWM

Problem definition: **Heavy weed infestation in greengram**

Technology assessed: Assessment of IWM in greengram

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 Pods/pla nt	WCE %	Test wt. (100 grain wt.)						
FP- No weeding	7	29	-		Nil	5.2	19000	31200	12200	1.64
TO1- Pre emergence application of herbicide Pendimethalin @2500ml/ha at 3DAS	7	41	72.3		Nil	6.9	20000	41400	21400	2.07
TO2- Post emergence application of herbicide Imazethapyr @750ml/ha 15DAS	7	52	87.5		Nil	7.9	20000	47400	27400	2.37

OFT-2

1.	Title of On farm Trial	Assessment of Integrated Weed Management in Maize
2.	Problem diagnosed	Heavy weed infestation
3.	Details of technologies selected for assessment/refinement	TO ₁ - Weeding through earthing up at 15 DAS + Use of herbicide Atrazine 50% WP @ 2kg/ha at 20 DAS TO ₂ - Weeding through earthing up at 15 DAS +Use of herbicide Tembotrione 42% SC @287.5 ml/ha at 20 DAS

4.	Source of Technology (ICAR/AICRP/SAU/other, please specify)	OUAT 2019
5.	Production system and thematic area	IWM
6.	Performance of the Technology with performance indicators	Weed flora count, No of cobs/plant, cob weight(g.),1000 grain wt , weed control efficiency
7.	Final recommendation for micro level situation	Recommended for use of herbicide Tembotrione with earthing up for effective weed control and higher yield.
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area: IWM

Problem definition: **Heavy weed infestation**

Technology assessed: **Assessment of Integrated Weed Management in Maize**

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 cob/plant	Cob wt. in (g.)	Test wt. (g.)						
FP- Weeding through earthing up at 15 DAS + Use of herbicide 2-4-D @500g/ha at 30 DAS	7	1.1	200	310		43000	50000	1,29,000	79000	2.58
TO ₁ - Weeding through	7	1.2	235	335		45500	52000	1,36,500	84500	2.60

earthing up at 15 DAS + Use of herbicide Atrazine 50% WP @ 2kg/ha at 20 DAS										
TO ₂ - Weeding through earthing up at 15 DAS +Use of herbicide Tembotrione 42% SC @287.5 ml/ha at 20 DAS	7	1.4	240	340		47000	52000	1,41,000	89000	2.71

OFT-3

1.	Title of On farm Trial	Assessment of liming for higher productivity in groundnut
2.	Problem diagnosed	Low pod weight and low yield in groundnut
3.	Details of technologies selected for assessment/refinement	TO1: Application of soil test based fertiliser+0.2 LR (PMS) in furrows at the time of sowing TO2: Application of soil test based fertiliser+0.2 LR (PMS)+FYM 5t/ha in furrows at the time of sowing
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	RRTTS,Mahisapat,OUAT, 2011
5.	Production system and thematic area	Rice-Groundnut, Soil fertility management
6.	Performance of the Technology with performance indicators	Application of lime (PMS) @0.2 LR with FYM@5ton/ha enhance the yield 32.65% over farmer's practice, kernel weight is 37.52g. and also reduce the soil activity
7.	Final recommendation for micro level situation	Application of STBF+ Lime (PMS) @0.2 LR with FYM@5T/ha have synergistic effect on controlling soil acidity, improves base saturation, availability of calcium and magnesium fixation and also reduce poor pod filing in groundnut.

8.	Constraints identified and feedback for research	In order to keep the soil in good health in acid soil management it is necessary to use different soil ameliorating agent in acid soils, but PMS is not available in market. To achieve long term sustainability in crop production system it is necessary to research on alternative soil ameliorating agent which is available in the market.
9.	Process of farmers participation and their reaction	Farmers are satisfied with the technology & they got 32.65 % increase in yield over farmers practice.

Thematic area: soil fertility management

Problem definition: Low pod weight and low yield in groundnut

Technology assessed: Assessment of liming for higher productivity in groundnut

Table:

Technology option	No. of trials	Yield component		Diseases/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		100 kernel wt. (g.)							
FP: No use of lime and application of soil test based fertilizer & FYM in lower dose	7	36.02		Nil	17.12	34800	68480	33680	1.96
TO1: Application of soil test based fertiliser+0.2 LR (PMS) in furrows at the time of sowing	7	37.0		Nil	20.84	35500	83360	47860	2.34
TO2: Application of soil test based fertiliser+0.2 LR (PMS)+FYM 5t/ha in furrows at the time of sowing	7	37.52		Nil	22.71	36600	90840	54240	2.48

OFT-4

1.	Title of On farm Trial	Assessment of nutrient supplementation through foliar application in greengram
2.	Problem diagnosed	Poor branching and low pod setting
3.	Details of technologies selected for assessment/refinement	TO1: 75% N+75%P+full dose of K+Foliar spray of 2% of DAP at 20 and 35 DAS TO2: 75% N+75%P+full dose of K+Foliar spray of 2% of Urea phosphate at 20 and 35 DAS
4.	Source of Technology (ICAR/AICRP/SAU/other, please specify)	RRTTS, Coastal zone ,OUAT, 2016
5.	Production system and thematic area	Rice-greengram, INM
6.	Performance of the Technology with performance indicators	The growth yield attributes and yield of greengram influenced by foliar application of urea Phosphate. The nutrient supplementation through foliar application was more effective in increasing yield 7.6 qtl/ha, nos of pos/plant- 39 and also increasing 33.33% yield over farmers practice.
7.	Final recommendation for micro level situation	It was revealed that fertilizer dose can be reduced by 25% of soil test dose and also increasing better pod setting and more branching due to twice foliar application of 2% urea phosphate along with the application of fertilizer @75% of STD
8.	Constraints identified and feedback for research	Water soluble fertilizer (Urea phosphate) enhance growth of greengram but not available in sufficient quantity in market.
9.	Process of farmers participation and their reaction	Directly involved in conducting OFT, participated in training, field day, group interaction and agreed to adopt the technology

Thematic area: soil fertility management

Problem definition: **Poor branching and low pod setting**

Technology assessed: **Assessment of nutrient supplementation through foliar application in greengram**

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 pods/plant							
FP: Only basal (15-30-15 NPK kg /ha and No foliar application	7	21		Nil	5.7	17600	28500	10960	1.61
TO1: 75% N+75%P+full dose of K+Foliar spray of 2% of DAP at 20 and 35 DAS	7	32		Nil	6.8	18900	34000	15100	1.79
TO2: 75% N+75%P+full dose of K+Foliar spray of 2% of Urea phosphate at 20 and 35 DAS	7	39		Nil	7.6	19700	38000	18300	1.92

OFT-5

1.	Title of On farm Trial	Assessment of Bio inoculants to increase size and weight of cauliflower
2.	Problem diagnosed	Low curd weight and curd size
3.	Details of technologies selected for assessment/refinement	TO ₁ . STBF (80%NPK)+ Seed treatment with (Azotobactor+ PSB) 25gm/kg of seed +Soil appl. with 4kg/ha (Azotobactor & PSB) with 50kg FYM TO ₂ - STBF(80%NPK)+ Seed treatment with Arka Microbial consortium @10g/100g seed +Soil application with 5 kg Arka Microbial consortium mixed with 500kg FYM

4.	Source of Technology (ICAR/AICRP/SAU/other, please specify)	IIHR, 2012
5.	Production system and thematic area	Vegetable-vegetable, INM
6.	Performance of the Technology with performance indicators	Curd size, curd weight, shelf life, yield (q/ha), B:C ratio
7.	Final recommendation for micro level situation	Recommended for more yield , good soil health as well as for good crop growth
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Direct participation in conducting OFT. Group discussion of farmers in presence of Govt. officers Yield increased over FP is 10-15%. AMC makes soil loose hereby crop growth is good.

Thematic area: INM

Problem definition: **Low curd weight and curd size**

Technology assessed: **Assessment of Bio inoculants to increase size and weight of cauliflower**

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
		Avg. curd wt. in g	Curd size	Shelf life in days						
FP: Use of chemical fertilizer(110:50:40 kg NPK kg/ha)	7	746.8	Medium	3.3		201.8	42600		58300	2.36

TO1: STBF (80%NPK)+ Seed treatment with (Azotobactor+ PSB) 25gm/kg of seed +Soil appl. with 4kg/ha (Azotobactor & PSB) with 50kg FYM	7	819.8	Medium large	4.4		219.7	43800		66050	2.50
TO2: STBF(80%NPK)+ Seed treatment with Arka Microbial consortium @10g/100g seed +Soil application with 5 kg Arka Microbial consortium mixed with 500kg FYM	7	944.3	Medium large size	5.5		232.4	44600		71600	2.61

OFT-6

1.	Title of On farm Trial	Assessment of different trellis in bittergourd for higher production
2.	Problem diagnosed	High incidence of fruit rot due to ground trailing
3.	Details of technologies selected for assessment/refinement	TO ₁ - Single trellis, one row trellis constructed with bamboo poles & GI wires, jute rope TO ₂ - Lean to type trellis – stakes are joined between two adjoining bed forming an A shaped structure horizontal stakes are installed at the top joining of all other beds .. Strings are used to secure adjoining stakes. trellis height 2m
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CHES, 2014
5.	Production system and thematic area	Vegetable-vegetable, production technology
6.	Performance of the Technology with performance indicators	Length of fruit, Wt. of fruit, incidence of fruit rot
7.	Final recommendation for micro level situation	Recommended to higher yield, reduced incidence of pest and diseases

8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Higher yield was obtained in Lean to type trellis as compared to farmers practice. Fruit quality was better and fruit wt. and numbers also increased

Thematic area: Production technology

Problem definition: **High incidence of fruit rot due to ground trailing**

Technology assessed: **Assessment of different trellis in bittergourd for higher production**

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 fruits/plant	Avg. fruit wt.							
FP- Ground trailing	7	30.4	106.1			142.1	52800	139100	86300	2.69
TO ₁ - Single trellis, one row trellis constructed with bamboo poles & GI wires, jute rope	7	39.1	107.6			181.7	64500	181700	117200	2.81
TO ₂ - Lean to type trellis – stakes are joined between two adjoining bed forming an A shaped structure horizontal stakes are installed at the top joining of all other beds .. Strings are used to secure adjoining stakes. trellis height 2m	7	45.9	108.4			215.3	71200	215300	144100	3.02

OFT-7

1.	Title of On farm Trial	Assessment of groundnut threshers for stripping of groundnut
2.	Problem diagnosed	High labour cost on manual stripping
3.	Details of technologies selected for assessment/refinement	TO1: power operated groundnut thresher TO2: tractor drawn groundnut thresher
4.	Source of Technology (ICAR/AICRP/SAU/other, please specify)	AICRP on FIM,CAET,OUAT, 2015-16
5.	Production system and thematic area	Farm mechanization
6.	Performance of the Technology with performance indicators	Stripping capacity (qtl/h), labour required for stripping (man days/ha), stripping efficiency %, % of damaged pods
7.	Final recommendation for micro level situation	Cost of operation reduced from Rs. 800/- to Rs. 145/-
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Conducting OFT, training. The tractor drawn groundnut thresher saves labour and time in threshing groundnut, which is more convenient for the farmers

Thematic area: Farm mechanization

Problem definition: High labour cost on manual stripping

Technology assessed: **Assessment of groundnut threshers for stripping of groundnut**

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
		Field Capacity(Q/h)	Cost of operation (Rs/q)	Test wt. (100 grain wt.)						
FP: Manual stripping	7	0.02	800		Nil	22.1	43400	88400	45000	2.03
TO1: power operated groundnut thresher	7	0.7	180		Nil	22.1	35200	88400	53200	2.51
TO2: tractor drawn groundnut thresher	7	5.5	145		Nil	22.1	32500	88400	55900	2.72

OFT-8

1.	Title of On farm Trial	Assessment of different paddy thresher
2.	Problem diagnosed	High labour cost of threshing paddy
3.	Details of technologies selected for assessment/refinement	To1- Power paddy thresher To2- Tractor driven whole straw paddy thresher
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	AICRP on FIM, CAET, OUAT 2015-16
5.	Production system and thematic area	Farm mechanization
6.	Performance of the Technology with performance indicators	Threshing capacity (qtl/hr.), cost of threshing (Rs/qtl.), labour requirement (mandays/ha)
7.	Final recommendation for micro level situation	

8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Training, group meeting, conducting OFT. Farmers are interested for using paddy thresher as threshing was done in very less time and labour requirement was reduced

Thematic area: Farm mechanization

Problem definition: **High labour cost of threshing paddy**

Technology assessed: Assessment of paddy thresher

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
		Field capacity (q/hr)	Cost of operation (Rs/q)							
FP (pedal thresher)	7	0.32	231.48		Nil	43000	45400	73,095	27695	1.61
TO1 (power operated thresher)	7	0.89	137.64		Nil	45500	41243	73,095	31852	1.77
TO2 (Tractor drawn thresher)	7	4.4	90.47		Nil	47000	39153	72,645	33492	2.15

OFT-9

1.	Title of On farm Trial	Assessment of Grain Cleaners for drudgery reduction of farm women
2.	Problem diagnosed	Drudgery of farm women due to manual cleaning
3.	Details of technologies selected for assessment/refinement	TO1: CRRI make hand operated paddy winnower TO2: Hanging type grain cleaner
4.	Source of Technology (ICAR/AICRP/SAU/other, please specify)	AICRP on FIM,CAET,OUAT, 2015-16
5.	Production system and thematic area	Drudgery reduction
6.	Performance of the Technology with performance indicators	Ergonomic parameters, Heart rate(beats/min),Cardiac cost(beats/kg)
7.	Final recommendation for micro level situation	-
8.	Constraints identified and feedback for research	The CRRI hand operated winnower is working well
9.	Process of farmers participation and their reaction	PRA survey, Group discussion. The CRRI make paddy winnower is easy to operate and convenient to the farm women and gave good quality grains

Thematic area: Drudgery reduction

Problem definition: Drudgery of farm women due to manual cleaning

Technology assessed: **Assessment of Grain Cleaners for drudgery reduction of farm women**

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
		Heart rate (beats/min)	Cardiac cost (beats/kg)	Av. Output (Kg/hr.)						
FP: Manually by Kula (bamboo)	7	107	10	60	-	-	-	-	-	-
TO ₁ : CRRRI make hand operated paddy winnower	7	112	6	213.2	-	-	-	-	-	-
TO ₂ : Hanging type grain cleaner	7	105	8	182.2	-	-	-	-	-	-

OFT-10

1.	Title of On farm Trial	Assessment of different planting time for better market price of Cauliflower
2.	Problem diagnosed	Direct sale of cauliflower in rabi season
3.	Details of technologies selected for assessment/refinement	TO1: Planting of seedling 1 month before onset of normal planting period TO2: Planting of seedling 1 month after completion of normal planting period
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	IARI, 2016
5.	Production system and thematic area	Rice-vegetable

6.	Performance of the Technology with performance indicators	Plant height, No. of fruits/plant Fruit weight, Disease & pest incidence, Market price
7.	Final recommendation for micro level situation	planting cauliflower one month before normal planting time
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Farmers get high market price by planting cauliflower one month before normal planting time though the yield is less

Thematic area: Income generation

Problem definition: Direct sale of cauliflower in rabi season

Technology assessed: **Assessment of different planting time for better market price of Cauliflower**

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
		Selling rate (Rs./q.)	Curd/head wt. (g.)							
FP: Farmers generally plant the seedling in the month of October	7	800	750		-	175.28	46500	140224	93724	3.01
TO1: Planting of seedling 1 month before onset of normal planting period	7	2000	300		-	85.42	48500	1,70,820	122340	3.52
TO2: Planting of seedling 1 month after completion of normal planting period	7	1000	850		-	150.71	47500	1,50,718	103218	3.17

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.	Sugarcane	INM	Demonstration on Integrated Nutrient Management in sugarcane for higher yield and profitability	1	1	-	-	-	-	5	-	5	-	5	
2.	Rice	IWM	Demonstration on IWM for managing weeds during kharif in transplanted rice	1	1	-	-	-	-	4	1	4	1	5	
3.	Maize	INM	Demonstration on INM in maize under irrigated medium land situation	1	1	-	-	-	-	5	-	5	-	5	
4.	Rice	INM	Demonstration on Boron application in low land rice	1	1	-	-	-	-	5	-	5	-	5	

Details of farming situation

Crop	Season	Farming situation (RE/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					
Sugarcane	Rabi	Irrigated medium land	Alluvial	268	20	118	sugarcane	Jan-March	Dec-March		
Rice	Kharif	Rainfed medium land	Alluvial	170	22	138	Rice	July	December		145
Maize	Kharif	Irrigated medium land	Alluvial	255	24	128	Rice	June, July	August, September		95
Rice	Kharif	Rainfed medium land	Alluvial	165	23	132	Rice	July	December		145

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

Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
groundnut	IWM	Demonstration on IWM in groundnut under Irrigated medium land situation	5	1	24.9	20.3	22.7	39000	112050	73050	2.87	40000	91350	51350	2.28

Total															
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* 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

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Okra	IPM	Demonstration on IPM for control of YMV in okra	5	1.0	167.88	127.6	31.50	38.4 (% infection)	62.3 (% infection)	46600	1,34,304	87,704	2.88	42400	1,02,080	59680	2.4
Potato	production technology	Demonstration on potato var. Kufri Surya for higher yield	5	1.0	281.44	251.64	11.8	134.02 (avg. tuber wt.in g.)	129.56 (avg. tuber wt. in g.)	47,400	1,40,720	93,320	2.97	46,200	1,25,820	79,620	2.72

[illegible]

* 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

[illegible]

* 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

[illegible]

Vermicompost	Demonstration on production technology of vermicompost using local available waste material.	5	4	Yield – 12.8 q.	-			-	6000	19200	13200	3.2	-	-	-	-
Sericulture	-															
Apiculture	-															
Others (pl.specify) Nutritional garden	Demonstration on nutritional garden for nutritional security of tribal families	5	-	1.9(q/unit)	1.2(q/unit)		700 (Consumption of vegetable (g/day)	340 (Consumption of vegetable (g/day)	1180	1830	650	1.5	650	930	280	1.4
Mango	Value addition in mango	5	-	7.5 kg (mango leather)	10 kg direct selling		3 months (shelf life)	5 days (shelf life)		750	350	1.87		300	300	-
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

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

Name of the implement	Crop	Name of the technology demonstrated	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)	Cost reduction (Rs./ha or Rs./Unit)
					Demonstration	Check			
Three row manual rice transplanter	Rice	Demonstration on Three row manual rice transplanter	5	1	43.2	41.5	4.09	12	17.6 % (Av. percentage of missing hills/sqm)
multicrop seed cum fertilizer drill	groundnut	Demonstration on multicrop seed cum fertilizer drill for sowing of groundnut	5	1	23.6	20.5	13.1	0.4 (Avg. field capacity (ha/hr)	2000 (Cost of sowing (Rs/ha)
Drip irrigation	cabbage	Demonstration on Drip irrigation with plastic mulching in cabbage	5	1	351.8	286.5	22.7	0 (Weed count (no/sq. m)	
tractor drawn rotavator	potato	Demonstration on tractor drawn rotavator for dry tillage in Potato	5	1	252.4	249.8	1.04	15 lit/ha(Diesel required (lit/ha)	1500 (Cost of operation(Rs/ha)

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

** BCR= GROSS RETURN/GROSS COST

Demonstration details on crop hybrids

[illegible]

[illegible]

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Groundnut	Application of herbicide saves labour, time and enhance yield
2	Sugarcane	Application of Sulphur with STBF increased the cane length and cane weight
3	Onion	Sulphur application in onion improved growth, yield and also increased the weight of bulb, better pungency in onion was found
4	Tomato	Application of foliar spray of water soluble fertilizer (19:19:19) significantly increased plant height, number of branch, no. of fruit, fruit weight & yield
5	okra	There is decreased in flower drop and increase in fruit weight of okra
6	Tomato	Tomato variety Arka Rakshyak is high yielding having more shelf life than local variety & tolerant to disease and pest
7	okra	Installation of yellow sticky card and alternate spraying of Acetamiprid and imidacloprid are very effective in control of YMV .
8	potato	Potato var. Kufri Surya gave high yield even in high temperature and provide more profit than Kufri Jyoti
9	Brinjal	Use of Pheromone trap and spraying of BT solution are very effective for reducing brinjal shoot and fruit borer infestation
10	Seed cum fertilizer drill	farmers appreciated the technology as there is scarcity of labour and it also decreased the cost of cultivation
11	Tractor drawn rotavator	the quality of soil pulverization by rotavator is better than tractor drawn cultivator
12	Nutritional garden	It provide fresh vegetables through out the year with less investment with the engagement of family members.
13	poultry	The poultry breed Rainbow rooster is highly appreciated by the farmers since it's body colour is similar to desi bird and gives better meat and egg & easy to rear in backyard

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	17.09.2021	1	50	Bio-fertilizer application and biological control of brinjal fruit shoot borer
	Field day	28.02.2020	1	50	Tomato var. Arka Rakshak
	Field days	11.03.2020	1	50	potato var. Kufri Surya for higher yield
	Field days	04.03.2020	1	50	multicrop seed cum fertilizer drill for sowing of groundnut
	Field days	06.02.2020	1	50	on tractor drawn rotavator for dry tillage in Potato
	Field days	12.03.2020	1	50	IWM in groundnut under Irrigated medium land situation
	Field days	20.02.2020	1	50	Demonstration on sulphur management in onion
	Field days	23.12.2020	1	50	IWM for managing weeds during kharif in transplanted rice
2.	Farmers Training	26.01.2020	1	25	IWM in groundnut
	Farmers Training	19.11.2020	1	25	Use of rotavator for dry ploughing
	Farmers Training	19.11.2020	1	25	Use and operation of multicrop seed cum fertilizer drill
	Farmers Training	29.10.2020	1	25	Bio-fertilizer application in vegetable
	Farmers Training	21.09.2020	1	25	IWM in rice
3.	Media coverage				
4.	Training for extension functionaries				

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2020 and Rabi 2020-21:
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	Groundnut Var. Dharani	TG-3	18.5	1595	1821	3000	HYV groundnut seed var.-Dharani ,seed treatment wirh Vitavax Power @2gm/kg of seed,soil test based fertiliser application need based pp chemicals and micronutrients	50	20	27.2	21.2	25.1	9.15	6.89	4.9
2	Greengram Var. IPM-02-14	Local Variety (Jhainmuga)	3.8	315	434	1000	Improved management practices of Greengram seeds var.IPM-02-14 ,seed treatment with vitavax power and seed inoculation with bio-fertilizer (Rhizobium and PSB) along with soil test based fertilizer application + need based plant protection. Chemical+ water soluble fertilizer (NPK) and yellow sticky trap	25	10	5.8	4.1	5.2	65.07	19.81	92.30
3	Sunflower Var. KBSH-41	New Introduction	-	-	1200	1500	Improved management practices of seeds var. KBSH-41 ,seed treatment with vitavax	18	10			5.5			

							power along with soil test based fertilizer application + Sulphur+ need based plant protection. Chemical								
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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	Groundnut(var. Dharani)	43500	96200	52700	2.21	48000	130520	85520	2.71
2	Greengram(var. IPM-02-14)	20000	26600	6600	1.33	22500	36400	13900	1.61
3	Sunflower (Var. KBSH-41)								

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)
	Groundnut (var. Dharani)	2510	1310	52	900	300	For day today need	7
2	Greengram (Var. IPM-02-14)	13090	500	70/-	400	200	For day to day need	4

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	HYV with Seed treatment , INM and IPM	Yes	80	85	N	85	Establishment of processing units for value addition.
2	Improved management	Yes	Yes	Yes	Less market	Yes	Establishment of

	practices of Greengram var. IPM-02-14 , seed treatment with vitavax power and seed inoculation with bio-fertilizer (Rhizobium and PSB) along with soil test based fertilizer + water soluble fertilizer +need based plant protection. Chemicals + micronutrients & yellow sticky trap				demand by trader		processing unit for value addition and awareness about line sowing of seeds
3	Improved management practices of seeds var. KBSH-41 ,seed treatment with vitavax power along with soil test based fertilizer application + Sulphur+ need based plant protection. Chemical	Yes	Yes	Yes			

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Groundnut var. Dharani HYV with Seed treatment , INM and IPM	Improved management practices of groundnut with var. Dharani enhance the yield 25.1 qtl/ha during rabi	Improved management practices of groundnut with var. Dharani enhance the yield 35.67% over farmers practice.	Farmers are satisfied with the variety and technology but problem in marketing and processing facilities.
Greengram var. IPM-02-14, 70-75 days duration, INM & IPM	Improved management practices of greengram with var. IPM-02-14 enhance the yield 5.2 qtl/ha during rabi	Improved management practices of greengram with var. IPM-02-14 enhance the yield 36.84% over farmers practice.	Farmers are satisfied with variety & the technology

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Field day on groundnut	16.03.2021 Village- Damodarpur, block- Rasulpur	50
2	Field day on groundnut	25.03.2021, village- Samantarapur, Block- Rasulpur	50
3	Field day on sunflower	24.03.2021 Village- Alatri (panikoili), block- Korei	50
4	Field day on greengram	26.03.2021 Village- Udayanagar, block- Barchana	50

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

 Input distribution	 Seed inoculation with biofertilizer	 Spraying of PP chemicals
Photographs on CFLD- pulse (Greengram, var. IPM-02-14)		
 Input distribution	 Field visit	 Spraying of PP chemicals
Photographs of CFLD -Oilseed (Groundnut, var. Dharani)		
 Input distribution	 Field visit	 Field visit
Photographs of CFLD -Oilseed (Sunflower, var. KBSH-41)		

H. Farmers' training photographs

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



Demonstration on oil seed groundnut at village- Samantarapur



Demonstration on oil seed groundnut at village- Damodarpur



Field day on groundnut var. Dharani



Field day on groundnut var. Dharani at village- Samantarapur



Cluster demonstration on CFLD pulse Greengram var. IPM-02-14



Field day on Pulse greengram var. IPM-02-14



Demonstration on Sunflower var. KBSH-41



Demonstration on oil seed Sunflower var. KBSH- 41



Field day on CFLD oil seed Sunflower var. KBSH-41

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
CFLD oil seed groundnut	i) Critical input	2,16,000/-	2,16,000/-	Nil
	ii) TA/DA/POL etc. for monitoring	11,000/-	11,000/-	Nil
	iii) Extension Activities (Field day)	8860/-	8860	Nil
	iv)Publication of literature	4,140/-	4,140/-	Nil
	Total	2,40,000/-	2,40,000/-	Nil

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
CFLD pulse Greengram	i) Critical input	81,000/-	81,000/-	Nil
	ii) TA/DA/POL etc. for monitoring	1250/-	1250/-	Nil
	iii) Extension Activities (Field day)	4550/-	4550/-	Nil
	iv)Publication of literature	2000/-	2000/-	Nil
	Total	88,800/-	88,800/-	Nil

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
CFLD oil seed Sunflower	i) Critical input	54,000/-	54,000/-	Nil
	ii) TA/DA/POL etc. for monitoring	1450/-	1450/-	Nil
	iii) Extension Activities (Field day)	4550/-	4550/-	Nil
	iv)Publication of literature	-	-	Nil
	Total	60,000/-	60,000/-	Nil

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

A) Farmers and farm women (on campus)

[illegible]

[illegible]

[illegible]

[illegible]

B) Rural Youth (on campus)

[illegible]

[illegible]

[illegible]

[illegible]

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
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development	2	13	4	17	2	0	2	1	0	1	16	4	20
Group dynamics	4	75	14	89	6	3	9	1	1	2	82	18	100

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
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others, if any													
TOTAL													

F) Extension Personnel (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

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

iii. Extension Personnel (On and Off Campus)

[illegible]

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	IWM	Integrated weed management in rice	1	Off campus	18	7	25	2	0	2
	INM	INM in Maize	1	Off campus	21	4	25	2	0	2
	ICM	Nursery management for quality rice seedling production	1	Off campus	23	2	25	0	2	2
	ICM	Inter cropping for higher yield and sustainability	1	Off campus	25	0	25	0	0	0
	ICM	Management of problematic soil for higher yield and sustainability	1	Off campus	25	0	25	0	0	0
	INM	INM in sugarcane	1	Off campus	24	1	25	0	0	0
	IWM	IWM in greengram	1	Off campus	19	6	25	1	1	2
	IWM	IWM in groundnut	1	Off campus	20	5	25	0	0	0
	IWM	IWM in sugarcane	1	Off campus	24	1	25	0	0	0
	ICM	Cultivation of stress tolerant rice varieties to mitigate climate change	1	Off campus	22	3	25	1	0	1
Soil Sc.	Soil fertility management	Technique of soil	2	Off campus	40	10	50	4	2	6

		sample collection & fertilizer management								
	INM	Boron deficiency and its control measures in rice	1	Off campus	25	0	25	0	0	0
	INM	Bio-fertilizer application in Vegetable	1	Off campus	25	0	25	0	0	0
	INM	Micronutrient deficiency & its control measures in groundnut	1	Off campus	22	3	25	1	0	1
	INM	Micronutrient deficiency & its control measures in vegetable	1	Off campus	19	6	25	2	1	3
	INM	INM in onion	1	Off campus	19	6	25	1	1	2
	Soil fertilizer management	Method lime application in groundnut		Off campus	20	5	25	0	0	0
	Soil fertilizer management	Management of acid soil	1	Off campus	24	1	25	1	0	1
Horticulture	Yield increment	Major diseases & pest of solanaceous crops & their control measures	1	Off campus	19	6	25	2	1	3
	Vegetable cultivation	Cultivation techniques of TC Banana	1	Off campus	19	6	25	1	1	2
	IPM	Major diseases and pest of cucurbitaceous crop and their control measure.	1	Off campus	20	5	25	0	0	0

	Production and management technology	Improved production techniques of cole crops	1	Off campus	25	0	25	0	0	0
	INM	Production techniques of marigold	1	Off campus	22	3	25	1	0	1
	Production technology	Production techniques of tuber crops	1	Off campus	15	10	25	5	2	7
	Production technology	Production techniques of root crops		Off campus	18	7	25	3	2	5
	Yield increment	Cultivation techniques for improving production in cucurbitaceous crop	1	Off campus	20	5	25	1	0	1
	Yield increment	Production techniques of sweet potato and its value addition	1	On campus	5	20	25	0	0	0
Agril. Engg.	Repair and maintenance of farm machinery and implements	Use of different weeders in rice	1	Off campus	8	17	25	2	1	3
	Installation and maintenance of micro irrigation system	Utility of micro irrigation	1	Off campus	22	3	25	0	0	0
	Drudgery reduction	Use of different small implements for farm women	1	Off campus	0	25	25	0	4	4
	Repair and maintenance of	Use of rotavator for dry ploughing	1	Off campus	8	17	25	2	1	3

	farm machinery and implements									
	Repair and maintenance of farm machinery and implements	Use and operation of multicrop seed cum fertilizer drill	1	Off campus	22	3	25	0	0	0
	Installation and maintenance of micro irrigation system	Use of mulching in vegetable	1		22	3	25	0	0	0
	Installation and maintenance of micro irrigation system	Use of pulse thresher	1		22	3	25	0	0	0
Women in Agriculture	Income generation	Preparation of tomato concentrate and mix vegetable pickle	1	Off campus	0	25	25	0	4	4
	Value addition	Preparation of chips from colocasia and potato	1	On campus	0	25	25	0	4	4
Agril. Extension	CBD	Role and importance of ICT in agricultural development	2	Off campus	20	5	25	2	1	3
	CBD	Alternative livelihood option for resource poor farm family	2	Off campus	19	6	25	1	0	1
	CBD	Formation and management of farmer producer group	1	Off campus	25	0	25	0	0	0
	CBD	formation and Management of	1	Off campus	25	0	25	0	0	0

		Farmers club								
	CBD	Climate resilient technology for sustainable development	1	Off campus	25	0	25	0	0	0
	CBD	Organic farming and its role in sustainable development	1	Off campus	18	7	25	2	4	6
	CBD	Management of SHGs	1	Off campus	20	5	25	0	1	1

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self-employed after training			Number of persons employed elsewhere
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
milk	Value addition	Value addition in milk	3	0	15	15			5	
seedlings	Production technology	Improved method of seedling production techniques	3	10	5	15	Nursery		8	

Sponsored Training Programmes

Sl. No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants										Sponsorin g Agency
					PF/RY /EF		Male			Female			Total				
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1	Farmers Scientist interaction	Crop production and management	Decem ber, 2020	1	PF	1	24	-	-	-	1	-	24	1	-	25	ATMA, Jajpur

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

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	8	318	67	385	15	10	5	15	328	72	400
KisanMela	3	501	320	821	10	18	11	29	519	331	850
KisanGhoshi	-	-	-	-	-	-	-	-	-	-	-
Exhibition	4	432	27	459		4	2	6	436	29	465
Film Show	13	450	175	625	8	-	-	-	450	175	625
Method Demonstrations	5	40	160	200	13	8	2	10	48	170	210
Farmers Seminar	-	-	-	-	-	-	-	-	-	-	-
Workshop	-	-	50	-	-	-	-	-	-	-	-
Group meetings	16	212	28	240	5		-	-	212	28	240
Lectures delivered as resource persons	25	435	179	614	10	12	8	10	447	187	634
Advisory Services	58	180 25	497 5	23000							23000
Scientific visit to farmers field	378	478	156	634	15	-	-	-	478	156	634
Farmers visit to KVK	1067	772	295	1067	12	-	-	-	772	295	1067
Diagnostic visits	30	380	70	450	10	12	5	17	392	75	
Exposure visits	10	20	120	140	4	-	-	-	20	120	140
Ex-trainees Sammelan	1	10	15	25	6	-	-		10	15	25
Soil health Camp	3	68	7	75	5	-	-	-	68	7	75

Animal Health Camp	2	22	10	32	5	6	-	6			38
Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-
Soil test campaigns	3	68	7	75	5	-	-	-	68	7	75
Farm Science Club Conveners meet	2	50	-	50	5	-	-	-	50	-	50
Self Help Group Conveners meetings	6	-	150	150	-	5	3	8	5	153	158
Mahila Mandals Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
Celebration of important days (specify)											
Sankalp Se Siddhi	-	-	-	-	-	-	-	-	-	-	-
Swatchta Hi Sewa	-	-	-	-	-	-	-	-	-	-	-
Mahila Kisan Divas	1	-	10	10		5	-	5	5	10	15
World Water day	1	20	-	20		4	1	5	24	1	25
World Soil Day	1	15	-	15		5	-	5	20	0	20
World Food day	1	9	1	10	-	3	2	5	12	3	15
Any Other (Specify)											
Total											

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	33
Radio talks	Nil
TV talks	63
Popular articles	28
Extension Literature	15
News letter	4
Leaflet	2
Booklet	8

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total
Vegetable seedlings							
Cauliflower	Payal	1000	500	3	0	5	8
Cabbage	Green valley	1000	500	1	0	5	6
Tomato	Arak Rakshak	13800	13800	8	0	17	25
Brinjal	JK-80-31	6500	3250	12	0	20	32
Chilli	Siamhol, Daiya	3000	1500	2	0	12	14
Onion	Agrifound light red	90000	9000	3	2	13	18
Others (capsicum)	Nandini	500	500	0	0	6	6
Broccoli	Known-you F1 Hybrid	500	500	0	0	8	8
Fruits							
Mango							
Guava							
Lime							
Papaya	Red lady, swapna	200	4000	14	0	18	32
Banana							
Others							
Ornamental plants							
Medicinal and Aromatic	Aswagandha	100	1000	-	-	22	22
Plantation							
Spices							
Turmeric	Cinnamon	50	500	1	-	8	8
Tuber							
Elephant yams							
Fodder crop saplings							
Forest Species							
Others, pl.specify							
Total		nos.					

Production of Bio- product by KVKs

[illegible]

Bio -product	Name of the Bio -product	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers
Bio- fertilisers		A&N Islands				Odisha				West bengal				Total			
Total																	
Bio- fungicides																	
Trichoder maveridae																	
Total																	
others																	
Vermiculture																	
Mushroom-spawn																	
Culture																	
Mineral mixture																	
Cow dung(dry)																	
Cow dung(wet)																	
Total																	
Grand Total																	

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted			
				SC	ST	Other	Total
Dairy animals							
Cows							
Buffaloes							
Calves							
Others (Pl. specify)							
Small ruminants							
Sheep							
Goat							
Other, please specify							
Poultry	Rainbow Rooster	250 nos.	27500/-				12
Broilers							
Layers							

Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Hog				
Others (Pl. specify)				
Fisheries	Fish fingerlings (IMC)	1 q.	20000/-	
Indian carp				
Exotic carp				
Mixed carp				
Fish fingerlings				
Spawn				
Others (Pl. specify) mushroom	Paddy straw	61 kg	6100/-	
Grand Total				

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

i) Name of Seed Hub Centre:

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

ii) Details of Quality Seed Production

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						

iii) Financial Progress

Fund received (2016-17, 2017-18 2018-19 and 2019-20)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2016-17				
2017-18				
2018-19				
2019-20				

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

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

Item	Title	Author's name	Number	Circulation
Research paper	1.Effect of Nano fertilizers on Growth, Yield and Economics of Tomato variety Arka Rakshak	1. B. Mishra. , G.S Sahu., L .K Mohanty., , B.C Swain. and S.Hati,		
	2.Studies on processing and storage stability of jamun nectar	2. B. Mohanta, P. Mandal, A. Nath		
Seminar/conference/ symposia papers				

Books				
Bulletins/Leaflet	1. <i>Muga phasalare samanyuata upayare roga poka parichalana.</i>	1. S.K Panigrahi and L.K Mohanty	500	500
	2. <i>chinabadama re utpadana brudhi nimante unnata gyana kausala.</i>	2. S.K Panigrahi and L.K Mohanty	500	500
News letter	“Sabuja Swapna”		2000	2000
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature				
Technical reports	Annual Report, CFLD report, Action plan, Monthly report,			
Electronic Publication (CD/DVD etc)	Mission Shakti, Rabi farmers’ fair, success story, Poshan Maah programme,		10	-
TOTAL				

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

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

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1	Annual Zonal Workshop (Through virtual mode)	Annual Zonal Workshop (Through virtual mode)	Mr. Lalita Ku. Mohanty (Sr. Scientist & Head), KVK, Jajpur	01..02.2020, 1 days	ICAR
			Mrs. Babita Mishra Scientist (Horticulture)		
			Mr. Subrata Ku. Panigrahi Scientist (Agril Extn.)		
			Dr.(Mrs.)Bijayalaxmi Mohanta Scientist (Agril Engg.)		
			Mr. Subhasis Dash Scientist (Soil Sc.)		
			Siba Prasad Mishra PA (Horticulture)		
			Mr. Bipra Ch.. Swain Farm Manager		
2	Minutes of review meeting on “Capacity	Minutes of review meeting on “Capacity	Mr. Lalita Ku. Mohanty (Sr. Scientist & Head), KVK,	20.08.2020	

	building of women SHGs” developed by Mission Shakti	building of women SHGs” developed by Mission Shakti	Jajpur Mr. Subhasis Dash Scientist (Soil Sc.)		
3	State level Research and Extension Council Meeting	State level Research and Extension Council Meeting	All Scientists of KVK	17.06.2020 & 18..06.2020. 2 days	DEE, OUAT, BBSR
4	KVK Review meeting	KVK Review meeting	All Scientists, Farm Manager and Prog. Asst. KVK, Jajpur	21.10.2020	DEE, OUAT, BBSR
5	Review meeting under Mission Shakti	Review meeting under Mission Shakti	Mr. Lalita Ku. Mohanty (Sr. Scientist & Head), KVK, Jajpur Mr. Subhasis Dash Scientist (Soil Sc.)	29.10.2020, 1 days	
6	Training on Meeting on Identification of New Extension Methods in virtual mode	Training on Meeting on Identification of New Extension Methods in virtual mode	Mr. Subrata Ku. Panigrahi Scientist (Agril Extn.)	18.11.2020, 1 days	ICAR
7	Webinar on Nutri garden and Nutri thali	Webinar on Nutri garden and Nutri thali	Mr. Lalita Ku. Mohanty (Sr. Scientist & Head), KVK, Jajpur Dr. Babita Mishra Scientist (Horticulture)	27.11.2020	
8	Review meeting of cluster frontline demonstration on Pulse	Review meeting of cluster frontline demonstration on Pulse	Mr. Lalita Ku. Mohanty (Sr. Scientist & Head), KVK, Jajpur Mr. Subrata Ku. Panigrahi Scientist (Agril Extn.)	9.12.2020	ICAR
9	Workshop on CFLD oil seed	Workshop on CFLD oil seed	Mr. Subrata Ku. Panigrahi Scientist (Agril Extn.)	05.02.2021, 1 days	ICAR
10	National Horticulture Fair	National Horticulture Fair	Mr. Lalita Ku. Mohanty (Sr. Scientist & Head), KVK, Jajpur Dr. Babita Mishra Scientist (Horticulture)	10.02.2021, 1 days	ICAR

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

Name of farmer	Sri. Sisira Kumar Rout				
Address	Vill- Bahabalapur GP- Odisho Block- Rasulpur Dist- Jajpur				
Contact details (Phone, mobile, email Id)	Mob no-9438274042				
Landholding (in ha.)	3 Acre				
Name and description of the farm/ enterprise	Vegetable cultivation with drip and mulching. He cultivated paddy and other vegetables in an area of 3 acre by adopting micro irrigation (drip) system and mulching. From these crops he earns Rs. 2,52,500/- net income per year				
Economic impact					
Social impact	Crop/other enterprise	Season	Area in acre	Gross Income (Rs.)	Net income (Rs.)
	Paddy	Kharif	1 acre	24000/-	14,000/-
	Long beans		1 acre	1,35,000/-	65,000/-
	Bitter gourd		1 acre	1,00,000/-	50,000/-
	Groundnut	Rabi	1 acre	36,000/-	23,500/-
	Cauliflower		1 acre	1,50,000/-	50,000/-
	Cabbage		1 acre	1,50,000/-	50,000/-
			Grand total	5,95,000/-	2,52,500/-
Environmental impact	-				
Horizontal/ Vertical spread	He has become a successful entrepreneur and become a role model for the young mass in the district.				

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

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)

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

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)
1	Vermicompost production	86	12 q.	32	Yes

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

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed
1	PRA Survey, group discussion with farmers & Govt. Officials, Diagnostic field visit and Research-Extension meeting	Training, OFT and FLD

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

Sl. No	Name of the Equipment	Qty.
1	Nitrogen analyzer	1
2	PH meter	1
3	Mridaparikhyak	2
4	Spectro photo meter	1
5	EC	1
6	Flame photometer	1
7	Electronic Balance	1
8	Stabilizer	1
9	Rotary flask shaker	1
10	Flame photometer	1
11	Distillation unit	1
12	Mini Soil kit	2

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			
368	168	536	1236	20	

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	Celebration of World Soil Day	20	-	-	536	815

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

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

3.14. RAWF/ FET programme - is KVK involved? (Y/N)-N

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

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

Date	Name of the person	Purpose of visit
14.08.2020	Dr. Arun Kumar Sahoo	KVK Visit

4. IMPACT

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
Demonstration on onion var. Agrifound light red	5	52	42,600	72,300
Integrated management practices for management of stem borer in paddy	5	65	18,100	30,100
Demonstration on groundnut var. Devi	5	73	19,200	37,700
Demonstration of paddy straw mushroom	10	68	Rs. 500/10 nos bed	Rs. 760/- per 10 nos.bed (net profit)
Application of Sulphur in groundnut	5	56	34400/ha	50,775/ha
Demonstration on Oyster mushroom <i>H. ulmarius</i>	10	78	647/10 bag (net profit)	Rs. 1100/- per 10 bag (net profit)
Improved variety Rainbow rooster rearing	5	65	1680	4080
Tractor operated seed cum fertilizer drill for sowing groundnut	5	42	42389/ha	53239/ha
Tractor operated axial flow thresher for threshing paddy	5	45	26050/ha	28290/ha
Demonstration on Integrated Disease Management (Tricyclozole +Propiconazole) against sheath Blight in paddy	5	55	62650 ha	70000 ha

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

4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread
Integrated management practices for management of stem borer in paddy	18,500ha
Application of Sulphur in groundnut	12000 ha
Demonstration on Integrated Disease Management (Tricyclozole +Propiconazole) against sheath Blight in paddy	70000 ha
Demonstration of paddy straw mushroom	67 villages
Tractor operated seed cum fertilizer drill for sowing groundnut	4000ha
Tractor operated axial flow thresher for threshing paddy	10000ha
Improved variety Rainbow rooster rearing	210 unit
Demonstration on onion var. Agrifound light red	128ha
Demonstration on groundnut var. Devi	500 ha

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

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

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

Entrepreneurship development	
Name & complete address of the entrepreneur	Sri Kishore Chandra Rout village-Hatakaranda, Barchana, Jajpur
Role of KVK with quantitative data support:	Training by KVK Jajpur, method demonstration by KVK Scientist, pond based farming system, monitoring and feed back,
Timeline of the entrepreneurship development	2 yrs
Technical Components of the Enterprise	Pisciculture Fish spawn production poultry Paddy(Kharif) Greengram(Rabi) Banana
Status of entrepreneur before and after the enterprise	He was practising only paddy cultivation and his earning was very low to meet the family requirement. Now he is getting Rs88900/- as net income annually
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	He has initially started only with pisciculture but now he is doing spawn production too. He has generated 960 mandays
Horizontal spread of enterprise	Five no. of IFS units have been developed.
Name & complete address of the entrepreneur	Sri Kishore Chandra Rout village-Hatakaranda, Barchana, Jajpur

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
Orissa University of Agriculture and Technology	Technical support and guidance
Department of Agriculture and food production	Joint Field visit during disease and pest problem
Department of Animal husbandry	Organization of Animal health camp
Department of Horticulture	Joint field visit

ATMA	Conduction of farmers scientist interaction program
NABARD	Linking the entrepreneurs to NABARD for financial support
IFFCO	Working jointly for farmers.
OLM	Linking the entrepreneurs to OLM

5.2. List of special programmes undertaken during 2020-21 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies **(information of previous years should not be provided)**

a) Programmes for infrastructure development

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

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

Name of the programme/ scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)
Farmers Scientist interaction	To address the problem of the farmer related to agriculture and allied sector	December	ATMA	

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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	Vermicompost unit- 1	2017	44	Eudrilus eugeniae	vermicompost	15.3 qtl.		17950/-	
	Vermicompost unit-2	2018	27		Vermin	2 kg		1000/-	
	Vermicompost unit-3	2019	62						
	Poultry unit	2011	14.4	Rainbow Rooster	Chicks	4675/-		50,573/-	
	Mushroom unit	2017	100	Volvariella volvacea	Paddy starw	11 kg		1100/-	
	Pisciculture	2002	4000	IMC	Yearlings	6000 nos.		26000/-	
2	Crop cafeteria	2015	200 sq.m	Var. JK-80-31	Brinjal	109.7 kg/yr	505/-	1097/-	For public sale
				Var. Badi chauli	Amaranthus	26.4 kg/yr	92/-	264/-	
				Var. Laxmi	okra	44.6 kg/yr	212/-	446/-	
				Var. Arka Rakshak	Tomato	60.4 kg/yr	230/-	604/-	
				Var. Pusa Ponbati	Beans	22.4 kg/yr	120/-	224/-	
				Var. Kufrikhyati	Potato	32.4 kg/yr	132/-	486/-	
				Var. Agrifound lightred	Onion	28.8 kg/yr	198/-	432/-	
				Var. Nandini	capsicum	12.4 kg/yr	122/-	248/-	
				Var. Japanese white	Radish	14.6 kg/yr	60/-	146/-	
				Mukta keshi	Colocasia	28.6 kg/yr	90/-	286/-	
				Local	Ivygourd	18.4 kg/yr	80/-	184/-	
				Var. Supriya	cucumber	16.4 kg/yr	82/-	164/-	
				Payal	Cauliflower	18.4 kg/yr	92/-	184/-	
				Green valley	Cabbage	16.8 kg/yr	84/-	168/-	
				Daiya	chilli	10.2 kg/yr	40/-	102/-	
3	Polyhouse	2011	174 sq.m	Cauliflower Var. Payal	PM	2000	350	1000	
				Cabbage	PM	2000	380	1000	

				Var. Green valley					
				Tomato Var. Arka rakshak	PM	15000	7500	15000	
				Brinjal Var. JK-80-31	PM	12,000	3150	6000	
				Chilli Var. Siamhol, Daiya	PM	7000	1800	3500	
				Onion Var. Agrifoundlight red	PM	90000	4500	9000	
				Capsicum Var. Nandini	PM	1000	600	1000	
				Broccoli Var. Known-you F ₁ Hybrid	PM	1000	350	1000	
				Papaya (var. Red lady)	PM	2000	1900	40000	
				Aswagandha	PM	100	200	1000	
				Cinnamon	PM	50	200	500	
4				Moringa (var. PKM-1)	PM	500	3000	5000	

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Paddy	04.08.2020	23.12.2020	6 ha	Swarna Sub-1	FS	214.8 q	4,80,000/-	6,98,100/-	

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

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.	Vermicompost	101.45 q.	60,325/-	1,52,175/-	
2.	Vermi	12 kg	1000/-	6000/-	

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 chicks	Rainbow rooster	chicks		12,500/-	27,500/-	
2.	Mushroom	Paddy straw mushroom	P. Sajorcaju	61 kg	4000/-	6100/-	
3.	Fish	IMC	Fingerlings	1 q.	8000/-	20000/-	

Utilization of hostel facilities

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
September	10	3 days	
Total :			

(For whole of the year)

6.6 Utilization of staff quarters

Whether staff quarters has been completed:

No. of staff quarters:1

Date of completion:

Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI

7 FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Current account	SBI	Chandikhole	11016309099
Saving account	SBI	Chandikhole	32039806804

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

Item	Released by ICAR		Expenditure		Unspent balance as on -
	Kharif	Rabi	Kharif	Rabi	
CFLD on groundnut	Rs. 2,40,000/-		Rs. 2,40,000/-		Nil
CFLD on Sunflower		Rs. 60,000/-		Rs. 60,000/-	Nil

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2013
	Kharif	Rabi	Kharif	Rabi	
CFLD on greengram		Rs. 88,800/-		Rs. 88,800/-	Nil

2019.5. Utilization of KVK funds during the year 2020-21 (Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	1,01,00,000/-	1,01,00,000/-	
2	Traveling allowances	1,00,000/-	1,00,000/-	1,00,000/-
3	Contingencies			
A	Stationary, telephone and office expenditure, publication, newsletter	4,80,000/-	4,80,000/-	4,80,000/-
B	POL, repair of vehicle, tractor equipment			
C	Meal refreshment for residential and non residential	3,60,000/-	3,60,000/-	3,60,000/-
D	Training material			
E	FLD	1,80,000/-	1,80,000/-	1,80,000/-
F	OFT	1,80,000/-	1,80,000/-	1,80,000/-

Sl. No.	Particulars	Sanctioned	Released	Expenditure
<i>G</i>	Maintenance of building	2,00,000/-	2,00,000/-	2,00,000/-
<i>H</i>	SCSP	4,00,000/-	4,00,000/-	4,00,000/-
<i>I</i>	HRD	30,000/-	30,000/-	30,000/-
<i>J</i>	Swachhta Expenditure	15,000/-	-	-
TOTAL (A)		Rs. 1,20,45,000/-	Rs.1,20,30,000/-	
B. Non-Recurring Contingencies				
1	Library	10,000/-	10,000/-	10,000/-
2				
3				
4				
TOTAL (B)				
C. REVOLVING FUND		10,000/-	10,000/-	10,000/-
GRAND TOTAL (A+B+C)		Rs. 1,20,55,000/-	Rs. 1,20,40,000/-	Rs. 19,40,000/-

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)
2015-16	367510/-	247093/-	503650/-	
2016-17	60953/-	713367/-	506903/-	
2017-18	0	521768/-	362774/-	
2018-19	2000/-	749748/-	371076/-	
2019-20	3,78,672/-	7,61,575/-	6,82,806/-	

- 7.6. (i) Number of SHGs formed by KVKs-
(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities- 40
(iii) Details of marketing channels created for the SHGs- Channels created by linking them with Local market, govt. agencies, cooperative etc.

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
Animal health camp	1	Rabi	Dept. of Animal Husbandary and KVK		
Poshan Maah programme	1	kharif	IFFCO and KVK		
Farmers Scientist interaction	1	Rabi		With ATMA	
Joint field visit was conducted for monitoring insect pest attack in paddy	8	Kharif, Rabi	Dept. of Agriculture and KVK	With ATMA	
Training programme of farm women on mushroom cultivation	7	Rabi	Dept. of Horticulture and KVK		
District level Research Extension Meeting	11		Dept. of Agriculture and KVK		

8. Other information

8.1. Prevalent diseases in Crops

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

8.2. Prevalent diseases in Livestock/Fishery

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 Yuva Kendra (NYK) Training- NA

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

9.2. *mKisan* Portal (National Farmers' Portal/ SMS Portal)

Type of message	No. of messages	No. of farmers covered
Crop	32	23000
Livestock	10	823
Fishery	-	
Weather	4	345
Marketing	-	
Awareness	2	456
Training information		
Other	8	23000
Total	56	

9.3. KVK Portal and Mobile App

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	

9.4. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken

b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office		
2. Basic maintenance		
3. Sanitation and SBM	8	
4. Cleaning and beautification of surrounding areas	4	
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	5	
6. Used water for agriculture/ horticulture application		

7. Swachhta Awareness at local level	2	
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)	4	
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		

9.5. Observation of National Science day- NA

Date of Observation	Activities undertaken

9.6. Programme with Seema Suraksha Bal/ BSF- NA

Title of Programme	Date	No. of participants

9.7. Agriculture Knowledge in rural school- Na

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

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Give good quality 1-2 photograph(s)

9.8. Details of 'Pre-Rabi Campaign' Programme- NA

Date of programme	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha/Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Door Darshan (Yes/No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman ZilaPanchayat	Distt. Collector/DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total		

9.9. Details of Swachhta Hi Sewa programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Cleaning and sanitization of village road, perimeter, village school premises, office campus, youth club campus, temple premises, Weeding, cleaning, plantation and watering trees in office campus & awareness campaign on the celebration of Swachhata diwas	10	263	-	-

9.10. Details of Mahila Kisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Quiz and debate competition	2	10	-	-

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

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise
	Banamali rout	At-Digambarpur Dharmashala, Jajpur	Low cost fish feed
	Bibhudata Samal	Vill- Sananoonpur Dist- Jajpur	IFS
	Kulamani Samal	Vill- Solar Block- Badachana	Farm Mechanization
	Sandhya Rani Mahala	Vill- Bhusandapur Block- Badachana	Mushroom Spawn Production
	Mihirvanu Balabantaray	Vill- Amiyajhari Block- Badachana	Planting material production
	Sisira Rout	Vill- Bahabalapur block- Rasulpur	Vegetable cultivation with drip and mulching

9.12. Revenue generation

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

9.13. Resource Generation:

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

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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

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)

a) Year:

b) Introduction / General Information:

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

11. Details of TSP- NA

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

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

b. Fund received under TSP in 2020-21 (Rs. In lakh):

c. (i) Achievements of physical outcome under TSP during 2020-21- NA

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

(ii) Table:

Sl. No.	Description	Unit	Achievements
1	Number of Technologies Identified after Assessment	Number	
2	Upgraded Skills and Knowledge of farmers	Number	
3	Oriented extension personnel in frontier areas of agricultural technology	Number	
4	Increased availability of quality seed	Quintal	
5	Increased availability of quality Planting material	Number	
6	Increased availability of live-stock strains and fingerlings	Number	
7	Testing of Soil & water samples for balance fertilizer use	Number	

d. Location and Beneficiary Details during 2020-21

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

12. Schedule caste Output & Outcome achievements

Sl. No.	Indicator/Activities	Unit of Indicator	Achievements
1	Farmers, farm women trained by KVKs	Number	
2	Extension personnel trained by KVKs	Number	
3	On-farm trials conducted by KVKs	Number	
4	Frontline demonstrations conducted by KVKs	Number	
5	Quantity of seeds produced	Quintal	
6	Planting materials Produced	Number	
7	Livestock strains and fingerlings produced	Number	
8	Soil & water samples tested	Number	

Livestock and fisheries

Livestock and fisheries													
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

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

Thematic area	No of Courses	No of beneficiaries									
		SC	ST		Other			Total			
		M	F	M	F	M	F	M	F	T	

Extension activities

Thematic area	No of activities	No of beneficiaries									
		SC	ST		Other			Total			
		M	F	M	F	M	F	M	F	T	

15. Awards/Recognition received by the KVK

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

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1	Progressive farmer award of the district	Mr. Sisira K. Rout	2020	KVK (OUAT)		Felicitated on OUAT Foundation Day

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

[illegible]

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18. Integrated Farming System (IFS)

Details of KVK Demo. Unit

Sl. No.	Module details (Component-wise)	Area under IFS (ha)	Production (Commodity-wise)	Cost of production in Rs. (Component-wise)	Value realized in Rs. (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year

19. 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					
2					

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

	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
Phase	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I (up-to 15.03.2018)	46	90	16.04.2020	Farmers, NGO, Govt. Officials , KVK Scientists & staff	Advisory and recommendations provided to farmers on different crops and enterprises
II (up-to 24.04.218)					
Total					

21. Information on Visit of VIPs to KVKs, if any

Date of Visit	Name of Hon'ble Minister	Name of Ministry	Salient points in his/ her observation (2-3 bulleted points)
14.08.2020	Dr. Arun Kumar Sahoo	Agriculture & FE	visit to KVK, Jajpur
05.06.2020	Prof. L.M Garnayak	Dean Extension Education, OUAT, BBSR	Visit to KVK for Monitoring different activities
28.11.2020	Prof. L.M Garnayak	Dean Extension Education, OUAT, BBSR	Visit to KVK for Monitoring different activities
11.02.2021	Dr. Hemanta Kumar Sahoo	Deputy Director Extension, DEE, OUAT, BBSR	For attended KVK SAC meeting
11.02.2021	Prof. Dr. Prasanjit Mishra	Joint Director Extension, DEE, OUAT, BBSR	For attended KVK SAC meeting

22.a) Information on **ASCI** Skill Development Training Programme, if undertaken during 2019-20 and 2020-21

Year	Name of the Job role	Name of the certified Trainer of KVK for the Job role	Date of start of training	Date of completion of training	No. of participants	Whether uploaded to SDMS Portal (Y/N)	Fund utilized for the training (Rs.)
2016-17							
2017-18	Tractor Operator	Dr. Bijayalaxmi Mohanta	6.03.18	31.03.2018	20	Y	1,89,400/-
2018-19	Tractor Operator	Dr. Bijayalaxmi Mohanta	28.01.2019	13.03.2019	20	Y	1,88,525/-
	Nursery Worker	Dr. Babita Mishra	19.12.2018	18.01.2019	20	Y	1,65,200/-
2019-20	Vermicompost production	Mr. Subhasihs Das	02.03.2020	18.03.2020	20	Y	80,800/-
	Nursery Worker	Dr. Babita Mishra	14.02.2020	18.03.2020	20	Y	1,80,000/-

b) Information on Skill Development Training Programme (**Other than ASCI or less than 200 hrs.**, if any) if undertaken during 2020-21

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

[illegible]

23. 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

24. Information on Krishi Kalyan Abhiyan Phase- I/ Phase-II/ Phase-III, if applicable

Krishi Kalyan Abhiyan- I and II

A. Training

[illegible]

B. Distribution of seed/ planting materials/ input/ others

Name of programme	No. of Programme	Total quantity distributed				No. of farmers benefited				No. of other officials (except KVK) attended the programme
		Seed (q)	Planting	Input	Other	SC	ST	Others	Total	

			<i>material (lakh)</i>	<i>(kg)</i>	<i>(kg/ No.)</i>	<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>	<i>T</i>	
KKA-I															
KKA-II															

C. Livestock and Fishery related activities

Name of programme	No. of Programme	Activities performed				No. of farmers benefited									No. of other officials (except KVK) attended the programme
		No. of animals vaccinated	No. of animals dewormed	Feed/ nutrient supplements provided (kg)	Any other (Distribution of animals/ birds/ fingerlings) [No.]	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
KKA-I															
KKA-II															

D. Other activities

Name of programme	Activities	No. of farmers benefited									No. of other officials (except KVK) attended the programme
		SC		ST		Others		Total			
		M	F	M	F	M	F	M	F	T	
KKA-I	Soil Health Card Distributed										
	NADEP										
	Pit established										
	Farm implements distributed										
	Others, if any										
KKA-II	Soil Health Card Distributed										
	NADEP										
	Pit established										
	Farm implements distributed										
	Others, if any										

Krishi Kalyan Abhiyan- III

<i>No. of villages covered</i>	<i>No. of animal inseminated</i>	<i>No. of farmers benefitted</i>				<i>Any other, if any (pl. specify)</i>
		<i>SC</i>	<i>ST</i>	<i>Others</i>	<i>Total</i>	

[illegible]

25. Nutri-garden

Sl.no.	Name of KVK	Established in KVK Campus	No. of nutria-garden established in the village	Major vegetables production
1	Jajpur	September, 2019	5	Tomato, brinjal, basella, amarontus, moringa, green leafy vegetables, aaya, beans, cauliflower

Please provide one or two good quality photographs

26. Any other programme organized by KVK, not covered above

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

27. Good quality action photographs of overall achievements of KVK during the year (best 10)



OFT on different trellis in bittergourd for higher production



OFT on groundnut threshers for stripping of groundnut



OFT on nutrient supplementation through foliar application in greengram



OFT on different planting time for better market price of Cauliflower



FLD on INM in Maize



FLD on power paddy weeder



FLD on poultry rearing



FLD on biological control of fruit & shoot borer



Rabi Farmers Fair



World Soil Day



International Women Day



Constitution Day

28. SC SP quarter-wise

Table-I: Schedule Caste Output & Outcome Achievement/Indicators for 2020-21 (QUARTER-WISE)**Physical Output 2020-2021**

S.No.	Indicator/Activities	Unit of Indicator	Annual Targets	Quarterly Breakup	Targets Achieved	No. of Beneficiaries	Outcome
1	Farmers, farm women trained by KVKs	Number	64	Q-1- 8 Q-2- 22 Q-3- 24 Q-4- 10	Q-1-5 Q-2- 15 Q-3-15 Q-4-	Q-1-12 Q-2-50 Q-3-65 Q-4	
2	Extension personnel trained by KVKs	Number	6	Q-1- 0 Q-2- 0 Q-3- 3 Q-4- 3	Q-1-0 Q-2-0 Q-3-0 Q-4-0	Q-1-0 Q-2-0 Q-3-0 Q-4-0	
3	On-farm trials conducted by KVKs	Number	11	Q-1-2 Q-2- 2 Q-3-4 Q-4-3	Q-1-1 Q-2-1 Q-3-2 Q-4	Q-1-0 Q-2-2 Q-3-0 Q-4-0	
4	Frontline demonstrations conducted by KVKs	Number	21	Q-1-5 Q-2-6 Q-3-5 Q-4- 5	Q-1-2 Q-2-4 Q-3-3 Q-4	Q-1-0 Q-2-4 Q-3-2 Q-4	
5	Quantity of seeds produced	Quintal	175 qtl.	Q-1- Q-2- Q-3- Q-4	Q-1 Q-2 Q-3 Q-4	Q-1 Q-2 Q-3 Q-4	
6	Planting materials Produced	Number	100000	Q-1-5000 Q-2- 15000 Q-3- 55000 Q-4- 25000	Q-1-0 Q-2-20500 Q-3-33553 Q-4	Q-1-0 Q-2-7 Q-3-12 Q-4-0	
7	Livestock strains and fingerlings produced	Number	1000	Q-1-200 Q-2-700	Q-1-0 Q-2-400	Q-1-0 Q-2-5	

				Q-3- 50 Q-4-50	Q-3 Q-4	Q-3- Q-4-	
8	Soil & water samples tested	Number	1000	Q-1-100 Q-2-400 Q-3-300 Q-4-200	Q-1-120 Q-2-92 Q-3-85 Q-4	Q-1-15 Q-2-13 Q-3-8 Q-4	