ANNUAL REPORT2021 (January-December 2021)

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
At : Larkipali,(RE Farm) PO. Rajendra College Dist. Bolangir – 767002, ODISHA	06652250165	06652250165	kvkbolangir.ouat@gmail.com bolangirkvk@yahoo.com

1.2 .Name and address of host organization with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
OUAT, Bhubaneswar	0674-2397424	0674-2397919	ouatacademic62@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Satyamaya Satapathy	NA	7008096895	kvkbolangir.ouat@gmail.com

1.4. Year of sanction of KVK: 2009

1.5. Staff Position (**as on 1st January, 2021**)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/ Temporary	Category
1	Senior Scientist& Head	**Vacant**						
2	Subject Matter Specialist	Dr. Satymaya Satapathy	Scientist (Agronomy)	Agronomy	77500		Permanent	Others
3	Subject Matter Specialist	Dr. Tapan Kumar Palai	Scientist (Animal Sc.)	Animal Sc.	19810+6000	17.06.2015	Temporary	Others
4	Subject Matter Specialist	Sarthak Pattanayak	SMS (Agronomy)	Agronomy	61300	13.06.2018	Temporary	Others
5	Subject Matter Specialist	Rahul Dev Behera	SMS (Soil Sc.)	Soil Science	61300	28.11.2018	Temporary	SC
6	Subject Matter Specialist	**Vacant**						
7	Subject Matter Specialist	**Vacant**						
8	Programme Assistant	**Vacant**						
9	Computer Programmer	Sri Rabi Narayan Satapathy	Programme Assistant(Computer)	Information technology	60400	22.08.2005	Temporary	Others
10	Farm Manager	Sagarika Muna	Farm Manager	Horticulture	42300	01.01.16	Temporary	ST
11	Accountant / Superintendent	**Vacant**						
12	Stenographer	**Vacant**						
13.	Driver	Upendra Mishra	Driver cum Mechanic	-	26800	06.05.11	Temporary	Others
14.	Driver	Biswabasi Sarangi	Driver cum Mechanic	-	23800	14.02.14	Temporary	Others
15.	Supporting staff	Prafulla Palei	Peon-cum-Watchman	-	24300	28.06.14	Temporary	OBC
16.	Supporting staff	Krushna Ch Rout	Peon-cum-Watchman	-	6000+1700	01.12.14	Temporary	OBC

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	0.5
2.	Under Demonstration Units	1.0
3.	Under Crops	9.0
4.	Orchard/Agro-forestry	1.0
5.	Others with details	2.5 and unused 2 ha
	Total	16

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
1.	Administrative Building					Yes	550	Under use	ICAR
2.	Farmers Hostel	Not started							
3.	Staff Quarters (6)	Not started							
4.	Piggery unit	Not started							
5	Fencing	-		Incomplete / 2000 running ft. required					RKVY
6	Rain Water harvesting structure	Not started							
7	Threshing floor	Not started							
8	Farm godown					Yes		Under Use	RKVY
9.	Dairy unit	Not started							
10.	Poultry unit	-				Yes	9×5mt	Under Use	RKVY
11.	Goatery unit	Not started							

12.	Mushroom Lab	-						Under Use	RKVY
13.	Mushroom production unit	Not started							
14.	Shade house	Not started				yes	18X5.5m	Under Use	RKVY
15.	Soil test Lab	Not started							
16	Seed Processing Unit	Not started							

* 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
Mahindra Bolero	2010	5.0 lakh	205551	Running
Massey Tractor+trailer	2010	6.0 lakh	21600	Running
Motor Cycle	2012	0.53lakh	10429	Running

C) Equipment & AV aids

Name of equipment	**Year of purchase**	**Cost (Rs.)**	**Present status**	**Source of fund**
a. Lab equipment (HomeScience)				
Digital refractrometer (B.P.Lab make)-1 no	2017-18	14,950	Functioning	ICAR
Drying Cabinet, Model BPL-25 (B.P.Lab make)—1 no	2017-18	19,898	Functioning	ICAR
Crown cap sealing machine (seapack make)-1 no,	2017-18	5900	Functioning	ICAR
Vaccum cap sealing machine (seapack make)-1 no	2017-18	1980	Functioning	ICAR
StainlessSteelKnife,strainer,decanter,measuring cup set,glass jar -1 no each	2017-18	2322	Functioning	ICAR
Food processer Fx10 (Bajaj make)-1 no	2017-18	4950	Functioning	ICAR
b. Farm machinery				
Automatic hatcher	2020-21	88400	Not started	BTKissan
Rotavator	2012-13	86,100	Running	ICAR
Seed cum fertilizer drill	2012-13	52,100	Running	ICAR
Power thresher cum fan type winner(2nos)	2012-13	39,600	Running	ICAR

Power sprayer(2nos)	2012-13	12,688	Running	ICAR
Nine tyne cultivator	2012-13	12,400	Running	ICAR
Rotavitor	2012-13	86,100	Running	ICAR
c.AV Aids				
P A System	2011-12	43,445	Functioning	ICAR
DVD Player	2011-12	3790	Functioning	ICAR
Digital camera	2011-12	22,500	Functioning	ICAR
LCD	2011-12	34,900	Functioning	ICAR
Handy cam	2011-12	39,500	Functioning	ICAR
LCD Projector	2011-12	40,163	Functioning	ICAR
Sony Digital camera	2011-12	16,470	Functioning	ICAR
Nikon Digital camera	2011-12	4798	Functioning	ICAR
Picco projector	2017-18	22,000	Functioning	ICAR

D) Farm implements

Name of equipment	**Year of purchase**	**Cost (Rs.)**	**Present status**	**Source of fund**
Rotavator	2012-2013	86,100	Running	ICAR
Seed cum fertilizer drill	2012-2013	52,100	Running	ICAR
Power thresher cum fan type winner(2nos)	2012-2013	39,600	Running	ICAR
Power sprayer(2nos)	2012-2013	12,688	Running	ICAR
Nine tyne cultivator	2012-2013	12,400	Running	ICAR
Digital Weighing machine	2020-2021	8500	Running	ICAR

1.8. Details SAC meeting* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	24.03.2021	40	Demonstration may be taken on stress tolerant rice varieties and assessment on bio-fortified rice varieties	Demonstration on Swarna Shreya involving 20 farmers has been done	
			KVK should take necessary steps for capacity building of FPOs	KVK organsied trainings and other activities in convergence with NABARD and promoted 4 numbers of FPOs	

			Although area coverage under Arhar in the district is high but the production is not upto mark, hence suitable varieties may be demonstrated.	Demonstration on Var. PRG 176 has been done successfully involving 10 farmers of 3 villages	
			It is suggested to promote millet through Ragi seed production programme.	Demonstration on Arjuna Var has been done involving 20 farmers in 2 villages in convergence with ASA NGO	
			OFTs or FLDs may be conducted on summer tomato, kharif onion and kharif potato with suitable varieties.	Demonstration on Tomato Arka Rakshak and Onion Line 883 has been done in 4 villages involving 20 farmers	
			To reduce migration problem in six blocks (Titilagarh, Tureikela, Bongomunda, Belpada, Khaparakhol and Muribahal) KVK should adopt village in those blocks for intervention on income generation activities. Input, manpower and administrative support may be facilitated from OLM, ARD, DRDA etc.	Activities under Biotech KISAN Project were under taken at Bongomunda and Muribahal Demonstration on Finger millet Bongomunda involving 15 farmers Demonstration on Onion at Bongomunda involving 21 farmers Demonstration on Maize+ Cowpea (1:1) intercropping at Muribahal, Belpada involving 14 farmers CFLD on Mustard at Muribahal block involving 15 farmers	
			Convergence of farmers` developmental activities may be focused in KVK adopted villages for wide spreading in the district.	Convergence activities finalized in RE meetings and implemented as per the demand.2 numbers of animal health camp and 2 numbers of soil test campaigns organized	
			Development of community brooding center	8 numbers of youths are engaged in establishing brooding units in different blocks	
			Higher spreading of Nutritional garden in the district to curb the malnutrition in farm family.	20 numbers of demonstrations carried out in the district on nutritional garden.	

** 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 (2021)

Sl.	Item	Information
1	Major Farming system/enterprise	Agriculture+ Horticulture+ Animal Husbandry
2	Agro-climatic Zone	Western Central table land zone
3	Agro ecological situation	Plain land Irrigated; Plain land rainfed; Undulating Sub mountainous track ; Undulating plain drought prone
4	Soil type	Mixed Red &black, Red, laterite &Mixed red and yellow
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Paddy- 28 q/ha , Arhar-12q/ha, Greengram-7q/ha, Groundnut-18q/ha, Sunflower-11q/ha
6	Mean yearly temperature, rainfall, humidity of the district	27.1^0C, 855mm, 56 %
7	Production of major livestock products like milk, egg, meat etc.	Milk-103 TMT/ annum) ; Egg-428 Million/annum) ; Meat-12.7 TMT/annum)

Note: Please give recent data only

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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (cropwise)	Identified Thrust Areas
1	Bolangir	Bolangir	Bargaon	Paddy, Greengram, Arhar,Cucumber, Mango, Banana, Vegetable, Poultry, Goat,	Lack of storage facility for fruits and vegetables. Severe crop weed competition in Kharif upland crops	Crop diversification, Quality seeds and seedling, promotion of nutritional garden
2.	Bolangir	Khaprakhol	Darlipali	Paddy, Cotton Greengram, Arhar,Cucumber, Vegetable, Poultry, Goat,	Inadequate knowledge about post harvest technology Lack of storage facility Severe crop weed competition in Kharif upland crops	Crop diversification, , Quality seeds and seedling, Farm mechanization, promotion of nutritional garden
3.	Bolangir	Degaon	Kuhimunda	Paddy, Greengram, Arhar, Tomato, Cucumber, Vege-table, dairy,Goat,	Non availability of waste land management techniques. Severe crop weed competition in Kharif upland crops	Crop diversification, Farm mechanization, promotion of nutritional garden
4.	Bolangir	Puintala	Banabahal	Paddy,Greengram ,Arhar,Cucumber, Vegetable,Poultry ,Goat,	Severe soil erosion in sloppy uplands. Severe crop weed competition in Kharif upland crops .	Crop diversification, Integrated Nutrient Management Practices,

5.	Bolangir	Loisingha	Brahmni-dungri	Paddy,Greengram ,Cucumber, Brinjal, Crucifer vegetables Tomato,Mango ,Poultry, Goat	Non availability of waste land management techniques. Severe crop weed competition in Kharif upland crops	Crop diversification, Farm mechanization, promotion of nutritional garden

2. c. Details of village adoption programme:

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

Name of village	Block	Action taken for development
Baragaon	Bolangir	Trainings, Demonstrations, Assessments, Awareness campaign, Soil test camp, Animal Health camp, Group meetings, Group discussion etc.
Kuhimunda	Degoan	
Banabahal	Puintala	
Darlipali	Khaprakhol	
Brahmnidungri	Loisingha	

2.1 Priority thrust areas

S. No	Thrust area
1.	Crop diversification in upland condition
2.	Suitable Integrated pest /disease, weed Management in crops
3.	Integrated nutrient management
4.	Increasing productivity in Cotton growing area
5.	Quality seeds & seedling production
6.	Production technology for increased production of oilseed/pulses

7.	Drudgery reduction tools for farm women
8.	Health management of domestic animals/ birds, Feed management
9.	Income generation activity for farm women
10.	Backyard poultry / duckery etc.
11.	Low cost feeding management in livestock
12.	Housing management in livestock

3. TECHNICAL ACHIEVEMENTS

3.A.Details of target and achievement of mandatory activities by KVK during the year

OFT												FLD										
No. of technologies tested:												No. of technologies demonstrated:										
Number of OFTs		Number of farmers										Number of FLDs		Number of farmers								
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement							
8	8	62	SC		ST		Others		Total			16	16	160	SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
			12	0	7	2	32	9	51	11	62				26	5	11	3	104	11	141	19	160

Training												Extension activities										
Number of Courses		Number of Participants										Number of activities		Number of participants								
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement							
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
82	51	1845	260	92	157	59	531	185	948	336	1284	225	147	9280	325	98	112	57	473	158	910	313	1223

Impact of capacity building											Impact of Extension activities										
Number of Participants trained		Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)									Number of Participants attended		Number of participants got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)								
Target	Achievement	SC		ST		Others		Total			Target	Achievement	SC		ST		Others		Total		
		M	F	M	F	M	F	M	F	T			M	F	M	F	M	F	M	F	T

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
250	236	1010350	901500

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
1500	1000	200	200

* Give no. only in case of fish fingerlings

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper							
Seminar/conference/ symposia papers							
Books							
Bulletins							
News letter							
Popular Articles							
Book Chapter							
Extension Pamphlets/ literature							
Technical reports							

Electronic Publication (CD/DVD etc)							
TOTAL							

1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	**Assessment of herbicide for weed management in transplanted rice**
2.	Problem diagnosed	Low yield due to high weed infestation
3.	Details of technologies selected for assessment/refinement	TO1- Application of Cyhalofop butyl + Penoxulam @ 135g/ha at 20 DAT TO2- Application of PE Pendimethalin @ 0.75 KG/HA, fb Chlorimuron ethyl +Metasulfuron methyl @ 4g/ha 20 DAT
4.	Source of Technology	
5.	Production system and thematic area	Rice, Weed management
6.	Performance of the Technology with performance indicators	Weed flora composition, WCE (%) Effective panicles/m2 No of filled grains/panicle, Grain yield (q/ha), Straw yield (q/ha) s
7.	Final recommendation for micro level situation	Application of Cyhalofop butyl + Penoxulam @ 135g/ha at 20 DAT
8.	Constraints identified and feedback for research	Low yield due to high weed infestation, application of herbicide needed
9.	Process of farmers participation and their reaction	Farmers are satisfied with the technology of herbicide application resulting in efficient weed control and increase in yield.

Thematic area:

Problem definition: Low yield due to high weed infestation, effective weed control by herbicide application is needed.

Technology assessed: TO1- Application of Cyhalofop butyl + Penoxulam @ 135g/ha at 20 DAT

TO2- Application of PE Pendimethalin @ 0.75 KG/HA, fb Chlorimuron ethyl +Metasulfuron methyl @ 4g/ha 20 DAT

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
		Plant height (cm)	**Panicle length**	Test wt. (100 grain wt.)						
FP: No herbicide application	14	78	20.1	22.4	30	2.3	43000	43686.2	686.2	1.02
TO1- Application of Cyhalofop butyl + Penoxulam @ 135g/ha at 20 DAT	14	101.1	22.4	23.5	12	4.2	44800	80162.1	35362.1	1.79
TO2- Application of PE Pendimethalin @ 0.75 KG/HA, fb Chlorimuron ethyl +Metasulfuron methyl @ 4g/ha 20 DAT	14	98.3	21.2	23.4	10	4.1	44800	78082.4	33282.4	1.74

OFT-2

1.	Title of On farm Trial	**Assessment of nutrient supplement through foliar application in green gram**
2.	Problem diagnosed	Poor branching and pod setting, Opportunity for yield improvement
3.	Details of technologies selected for assessment/refinement	TO-1 : Basal application + 2 foliar sprays of 18-18-18 WSF (1%) at 30 and 45 DAS TO 2 : Basal application + 2 foliar spray of Urea (2%) at 30 and 45 DAS
4.	Source of Technology	IIPR, 2016; TNAU, 2006
5.	Production system and thematic area	Rice-Greengram, Nutrient management
6.	Performance of the Technology with performance indicators	Plant height, No. of branches/plant, No. of pods/plant, Test weight (g)
7.	Final recommendation for micro level situation	-
8.	Constraints identified and feedback for research	Inadequate fertilizer application led to poor branching, pod setting and low pod yield; Nutrient sumpplement is needed
9.	Process of farmers participation and their reaction	Farmers are satisfied with the technology as getting better pod setting, branching and increased yield.

Thematic area:

Problem definition: Poor branching and pod setting led to low yield, need to increase yield by foliar application of nutrients.

Technology assessed:

TO-1 : Basal application + 2 foliar sprays of 18-18-18 WSF (1%) at 30 and 45 DAS
TO 2 : Basal application + 2 foliar spray of Urea (2%) at 30 and 45 DAS

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
FP: Only basal application of fertilizers (20-40-20)	14	ONGOING								
TO1:Basal application + 2 foliar sprays of 18-18-18 WSF (1%) at 30 and 45 DAS	14									
TO2:Basal application + 2 foliar spray of Urea (2%) at 30 and 45 DAS	14									

OFT-3

1.	Title of On farm Trial	Assessment of garlic improved var. Yamuna safed 3 and Yamuna Safed 9
2.	Problem diagnosed	As an opportunity to combat marketing challenge faced by onion cultivators
3.	Details of technologies selected for assessment/refinement	TO1: Cultivating Yamuna safed 3 (Compact bulb, creamy white, 25-30 nos. of clove, duration – 150-160 days, Yield-175-200q/ha) TO1: Cultivating Yamuna safed 9 (Compact bulb, white with pink tinge, 22-30 nos. of clove, duration – 150-160 days, Yield-175-225q/ha)
4.	Source of Technology	NHRDF, Boudh 2019
5.	Production system and thematic area	Upland
6.	Performance of the Technology with performance indicators	No. of clove, yield and size of clove

7.	Final recommendation for micro level situation	-
8.	Constraints identified and feedback for research	No constrain till now
9.	Process of farmers participation and their reaction	Appreciated till now

Thematic area:

Problem definition: As an opportunity to combat marketing challenge faced by onion cultivatiors.

Technology assessed:

TO1: Cultivating Yamuna safed 3 (Compact bulb, creamy white, 25-30 nos. of clove, duration – 150-160 days, Yield-175-200q/ha)
TO1: Cultivating Yamuna safed 9 (Compact bulb, white with pink tinge, 22-30 nos. of clove, duration – 150-160 days, Yield-175-225q/ha)

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**
TO1: Cultivating Yamuna safed 3 (Compact bulb, creamy white, 25-30 nos. of clove, duration – 150-160 days, Yield-175-200q/ha)	07	ONGOING								
TO1: Cultivating Yamuna safed 9 (Compact bulb, white with pink tinge, 22-30 nos. of	07									

clove, duration – 150-160 days, Yield-175-225q/ha)		
FP: Cultivation of Onion local and improved		

OFT-4

1.	Title of On farm Trial	**Assessment of Zinc deficiency in lowland rice**
2.	Problem diagnosed	Low yield of rice due to poor grain filling in soil deficient in zinc
3.	Details of technologies selected for assessment/refinement	FP: Application of no zinc in lowland rice, grown in deficit soil TO-1: Soil Test Based Recommendation (STBR) NPK+ $ZnSo_4$ @ 25 kg/ha TO-2 : STBR NPK + 5t FYM ha^{-1} + $ZnSo_4$ @ 12.5 kg/ha
4.	Source of Technology	AICRP on LTFE, OUAT, Bhubaneswar, Odisha, 2017 and AICRP on Micronutrient and Pollutant, OUAT, Bhubaneswar, Odisha, 2016
5.	Production system and thematic area	Rice-Rice, Nutrient managemrnt
6.	Performance of the Technology with performance indicators	Plant height, panicle/m^2 (nos), yield (q/ha), cost of cultivation, gross return, net return, B:C ratio
7.	Final recommendation for micro level situation	STBR NPK + 5t FYM ha^{-1} + Zn @ 2.5 kg ha^{-1}
8.	Constraints identified and feedback for research	Inadequate application of micronutrient which reduce the plant height with yield
9.	Process of farmers participation and their reaction	Farmers were satisfied with their yield and economics

Thematic area:

Problem definition: Low yield of rice due to poor grain filling in soil deficient in zinc

Technology assessed:

TO-1 :Soil Test Based Recommendation (STBR) NPK+ Zn @ 5 kg/ha.
TO-2 :STBR NPK + 5t FYM ha^{-1} + Zn @ 2.5 kg ha^{-1}.

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
		Plant height (cm)	No. of panicles/ sq. mt.	Test wt. (100 grain wt.)						
FP : Application of no zinc in lowland rice, grown in deficit soil	7	89	284			44.8	43100	81312	38212	1.89
TO-1: Soil Test Based Recommendation (STBR) NPK+ $ZnSo_4$ @ 25 kg/ha	7	98	311			47.1	44800	85486	40686	1.91
TO-2 : STBR NPK + 5t FYM ha^{-1} + $ZnSo_4$ @ 12.5 kg/ha	7	97	313			48.9	44940	88753	43813	1.97

OFT-5

1.	Title of On farm Trial	**Assessment of micronutrient application in Cauliflower**
2.	Problem diagnosed	Low curd keeping quality, flavour and yield due to secondary and micro nutrient deficiency
3.	Details of technologies selected for assessment/refinement	FP: No application of micronutrient & RDF(120 : 40 : 60) only TO-1: STD + 3 foliar spray of 100 ppm boron at 10 days interval TO-2 : STD + 3 foliar spray of 50 ppm boron + 50 ppm Mo at 10 days interval
4.	Source of Technology	AICRP in vegetable crops, BBSR,2006-07 Annual report 2017-18, IIVR
5.	Production system and thematic area	Rice-Vegetables, Nutrient managemrnt
6.	Performance of the Technology with performance indicators	Curd weight (g), yield (q/ha), cost of cultivation, gross return, net return, B:C ratio
7.	Final recommendation for micro level situation	STD + 3 foliar spray of 50 ppm boron + 50 ppm Mo at 10 days interval
8.	Constraints identified and feedback for research	Inadequate application of micronutrient which reduce the curd size with yield
9.	Process of farmers participation and their reaction	Farmers were satisfied with their yield and economics

Thematic area:

Problem definition: Low curd keeping quality, flavour and yield due to secondary and micro nutrient deficiency

Technology assessed:

TO-1: STD + 3 foliar spray of 100 ppm boron at 10 days interval
TO-2 : STD + 3 foliar spray of 50 ppm boron + 50 ppm Mo at 10 days interval

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
		Plant height (cm)	Grains/panicle	Test weight (g)						
FP: No application of micronutrient & RDF(120 : 40 : 60) only	7	761				281	77850	168600	90750	2.16
TO1: STD + 3 foliar spray of 100 ppm boron at 10 days interval	7	903				311	82170	186600	104430	2.27
TO2: STD + 3 foliar spray of 50 ppm boron + 50 ppm Mo at 10 days interval	7	917				328	84110	196800	112690	2.34

OFT-6

1.	Title of On farm Trial	**Comparative assessment of improved poultry breeds for production in Backyard system**
2.	Problem diagnosed	Poor production and income from local nondescript desi type chicken
3.	Details of technologies selected for assessment/refinement	TO-1 : Rearing of Col broiler with proper brooding and backyard feeding management TO-2: Rearing of Kadaknath with proper brooding and backyard feeding management TO-3: Rearing of Aseel with proper brooding and backyard feeding management
4.	Source of Technology	**Source**: Annual Report 2016-17, Dir. of Poultry, ICAR Annual Report 2017-18, ICAR-CARI
5.	Production system and thematic area	Homestead cum Backyard and Livestock Production Management
6.	Performance of the Technology with performance indicators	Chick Mortality, Body weight at 1m, 2m, 4m and age of laying, annual egg production, Cost of Intervention, Additional income over additional investment, BC Ratio

7.	Final recommendation for micro level situation	-
8.	Constraints identified and feedback for research	Readily availability of Pure Kadaknath and Aseel chick may be an issue
9.	Process of farmers participation and their reaction	-

Thematic area: **Livestock Production Management**

Problem definition: Poor production and income from local nondescript desi type chicken

Technology assessed:

TO-1 : Rearing of Kadaknath chick with proper brooding management and feeding upto 15 days

TO-2: Rearing of Aseel chicks with proper brooding management and feeding upto 15 days

TO-3: Rearing of Colour broiler chicks with proper brooding management and feeding upto 15 days

Table

Technology option	No. of trials	Weight gain in 2 m	Rate of mortality	Cost of production	Gross return	Net return	BC ratio
FP: Rearing of Desi or poor quality chicks with out brooding management	-	Result awaited as chicks distributed during December 2021					
TO-1 : Rearing of Kadaknath chick with proper brooding management and feeding upto 15 days	10						
TO-2: Rearing of Aseel chicks with proper brooding	10						

management and feeding upto 15 days		
TO-3: Rearing of Colour broiler chicks with proper brooding management and feeding upto 15 days	10	

OFT-7

1.	Title of On farm Trial	**Assessment of different feed regime on milk production in dairy cows**
2.	Problem diagnosed	High grain cost leading to high cost of production and otherwise low milk production due to no grain feeding
3.	Details of technologies selected for assessment/refinement	TO-1: Grazing + Straw @ 6-8 kg/day + Local available oil cake @ 100g/day TO2: Grazing + Straw @ 6-8 kg/day + Local available pulse residue (Gandhiri) @ 250g/day + Maize @ 250g/day
4.	Source of Technology	Annual Report ICAR-ATARI, Kolkata, 2014
5.	Production system and thematic area	Homestead, LPM
6.	Performance of the Technology with performance indicators	Milk yield/day, Lactation length, Health status
7.	Final recommendation for micro level situation	Acceptable for the farmers interested to feed grain to their cows
8.	Constraints identified and feedback for research	No constraint
9.	Process of farmers participation and their reaction	Participated farmers were happy with the result of feeding mixed ingredients of feed. Feeding maize and gandhiri mixtrure gave more satisfaction to the farmers

Thematic area:

Problem definition: High grain cost leading to high cost of production and otherwise low milk production due to no grain feeding

Technology assessed:

TO-1: Grazing + Straw @ 6-8 kg/day + Local available pulse residue (Gandhiri) @ 250g/day + Maize @ 250g/day
TO2: Grazing + Straw @ 6-8 kg/day + Local available oil cake @ 100g/day

Table

Technology option	No. of trials	Yield component Avg Milk yield/cow/day in liter	% increase	Cost of production (per cow/day) Rs.	Gross return (per cow/day) Rs.	Additional expenditure (per cow/day) Rs.	Net return (per cow/day) Rs.	BC ratio
FP- Grazing, straw feedng, unscientific concentrate feeding (lesser than required)	-	4.5		51	135	-	84	2.64
TO-1: Grazing + Straw @ 6-8 kg/day + Local available pulse residue (Gandhiri) @ 250g/day + Maize @ 250g/day	5	6.2	30.6	61	186	10	125	3.04
TO-2: Grazing + Straw @ 6-8 kg/day + Local available oil cake @ 100g/day	5	5.8	28.8	54	174	3	120	3.22

Results:
Please provide all the OFTs in same format

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Cereals

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ demonstration									Reasons for shortfall in achievement
				Proposed	Actual	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
1.	Paddy	Varietal Substitution	Rice variety Swarna Sreya Bold grain, possesses 77 % hulling , tolerant to many insect and diseases ; can withstand drought , suitable for rainfed medium land ; 120-125 days, Av. yield 4.5-5.0 ton/ ha	4	4	0	0	0	0	20	0	20	0	20	
2.	Finger Millet	Varietal substitution	Growing of Finger Millet Var. Arjun with50-40-25 kg N-P2O5-K2O/ha along with Zinc @ 12.5 kg/ha + herbicide oxyflurofen @ 37.5 g/ha + one hand weeding at 21 DAS; The variety having duration 100-105 days,yield potential 6t/ha, Resistance to blast and stem borer.	4	4	1	0	16	0	3	0	20	0	20	
3.	Pigeon pea	Varietal trial	Pigeon pea PRG 176 Duration 140 days, Yield : 20-22 Q/ha; Indeterminate, Semi spreading , suitable for rainfed condition	4	4	0	0	0	0	17	3	17	3	20	
4	Maize+cowpea	Intercropping for space utilization and weed management	Maize+ Cowpea row ratio of 1:1 + application of STBFR (120-75-75 kg N:P2O5:K2O/ha) + FYM(10 t/ha)+ Biofertilizer consortia @ 12 kg/ha + Zn @ 5 kg/ha	4	4	0	0	0	0	20	0	20	0	20	
5	Groundnut	INM	Application of 100 % RDF + Lime 5 q/ha with application of Sulphur @ 30 kg/ha	1	1	-	-	-	-	10	-	10	-	10	

			along with Boron 1.25 kg/ha as Borax which will improve oil content and more no of filled pod in groundnut												
6	Vermicompost	SFM	Composting cowdung and leafly materials in ration of 3:10 with release of earthworm, E. foetida @ 1kg/bag; covering with gunny bags and churring the materials at 15 DAI till compost is ready	7 nos	7 nos	-	-	-	-	7	-	7	-	7	
7	Greengram	INM	Soil test based NPK+FYM @ 5 t/ha and seed inoculation with Rhizobium @ 20g/kg seed + treatment with ammo. Molybdate @ 10 kg/25 kg of seed	2	2	-	-	3	-	7	-	10	-	10	
8	Onion	Varietal substitution	Growing of kharif onion var. Line 883; Bulb are dark red ; round shape, shiny skin; Bulb dia. 4.5-5.5 cm; 90 days duration ; Av yield 300-325 Q/ha	1	1	2	0	4	0	4	0	10	0	10	
9	Tomato	Varietal substitution	Demonstration of triple resistant high yielding Tomato variety (Arka Rakshak); Spacing 100x60 cm, Seed rate 200gm/ha. , Yield 700 Q/ha, Round fruit , thick skin Arka Rakshak var. F1 hybrid has triple disease resistance to To LCV, BW and early blight.	1	1	3	0	3	0	4	0	10	0	10	
10	Nutritional Garden	Nutritional Security	Trellis structure for raising cucurbits, Poly tunnel for raising seedlings, Cement ring tank for vermi - composting, Growing vegetables round the year covering leafy vegetables , Solanaceous vegetables, Roots and Tubers, cucurbits suiting to consumption pattern + Two Papaya Plants ,One Lemon, one drumstick and two Banana and floriculture in bunds	2	1	2	2	1	2	3	0	6	4	10	
11	Red lady	Varietal substitution & IGA	Demonstration of triple resistant high yielding Tomato variety (Arka Rakshak); Spacing 100x60 cm, Seed rate 200gm/ha. , Yield 700 Q/ha, Round fruit , thick skin Arka Rakshak var. F1 hybrid has triple disease	2	2	-	-	3	-	7	-	10	-	10	

			resistance to To LCV, BW and early blight													
12	Onion	INM	Application of Sulphur @ 45 kg/ha along with the soil test based fertiliser recommendation for increasing size of bulb	1	1	5	0	2	0	3	0	10	0	10		

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P_2O_5	K_2O					
Rice	Kharif 20-21	Rainfed lowland	Mixed red/black	375	26	125	Rice	3rd wk. July	1st week Dec.	700 mm	43
Finger Millet	Kharif	Rainfed	Laterite	333.3	17.8	110.2	Green gram	28.07.2020	10.11.20	450 mm	33
Rice-green gram paira	Rabi 2021	Rainfed	Mixed red/black	362	22.3	118.2		1st wk of Nov	1st wk feb	80mm	8
Kitchen garden	Kharif / Rabi 20/21	Irrigated upland	Mixed red/black	372.2	26.5	127.0	Rice	4th wk. July / Nov	1st week Oct./ Feb.	700 mm	43
Chilli	Rabi 2021	Irrigated up land	Sandy loam	295	20	128	Rice	4th week November	March	43 mm	14
Okra	Rabi 2021	Irrigated Up land	Sandy loam	291	39	135	Brinjal	3rd week January	9 March	54 mm	12
Cucumber	Rabi 2021	Irrigated Upland	Sandy Loam	296	40	140	Okra	3rd week January	16 March	78 mm	17
Arhar	Kharif 2020-21	Rainfed semi-upland	Sandy loam	280	14	129	Paddy	8th june	15th Dec.	765 mm	49

Greengram	Kharif 2020-21	Rainfed mediuml and	Sandy loam	285	17	144	Brinjal	2nd wk Aug	4th Nov	556 mm	43

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	INM	Application of 100 % RDF + Lime 5 q/ha with application of Sulphur @ 30 kg/ha along with Boron 1.25 kg/ha as Borax which will improve oil content and more no of filled pod in groundnut	10	1	22.1	18.9	16.9	38900	112489	73589	2.89	36700	96201	59501	2.62
Total			10	1	22.1	18.9	16.9	38900	112489	73589	2.89	36700	96201	59501	2.62

* 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
Pigeonpea	Varietal trial	Pigeon pea PRG 176 Duration 140 days, Yield : 20-22 Q/ha; Indeterminate, Semi spreading , suitable for rainfed condition	10	2	15.5	7.5	106.6	36000	93000	57000	2.6	33000	45000	12000	1.4
Greengram	Soil fertility management	Soil test based NPK with FYM @ 5 t/ha and seed inoculation with Rhizobium @ 20g/kg seed and treatment with ammonium molybdate @ 10 g /25 kg of seed.	10	2	10.4	9.2	13	29170	75660	46490	2.59	26833	66930	40097	2.49

* 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
Paddy	Varietal Trial	Rice variety Swarna Sreya Bold grain, possesses 77 % hulling , tolerant to many insect and diseases ; can withstand drought , suitable for rainfed medium land ; 120-125 days, Av. yield 4.5-5.0 ton/ ha	20	4	4.2	3.8	10.5	Total tillers-364 Grains/panicle-101 Test weight (g)- 24.4	Total tillers-333 Grains/panicle 88 Test weight (g)- 24.1	43200	78363	35163	1.81	43200	71666	28466	1.66

Finger Millet	Varietal substitution	Growing of Finger Millet Var. Arjun The variety having duration 100-105 days, yield potential 6t/ha, Resistance to blast and stem borer.	20	4	14.2	12.3	15.4	Plant height (96.5cm) Ear heads/m2 (126) Fingers/ear head (7.1) Length of Finger (7.8cm)	Plant height (68.2cm) Ear heads/m2 (84) Fingers/ear head (4.9) Length of Finger(4.8cm)	12000	44730	32730	3.7	9300	31500	21700	2.3
Maize+cowpea (1:1) ratio	Intercropping for space utilization and weed management	Maize+ Cowpea row ratio of 1:1 + application of STBFR (120-75-75 kg N:P2O5:K2O/ha) + FYM(10 t/ha)+ Biofertilizer consortia @ 12 kg/ha + Zn @ 5 kg/ha	20	4	254.3 maize equivalent yield (187q cob+ 42q cowpea)	180	41.2	Plant height-148.3 Grains/row-30.1 Seeds/cob-371.2	Plant height-144.5 Grains/row- 30 Seeds/cob-369	47830	205497.5	157668	4.2	47830	183977.5	136147.5	3.8
Vegetable crops	Kitchen garden	Trellis structure with PP rope for raising cucurbits Protray for raising seedlings in small quantity Cement ring tank for vermi composting, Growing vegetables round the year covering leafy vegetables, sola , Solanaceous vegetables, Roots and Tubers, cucurbits suiting to consumption pattern + Two Papaya Plants ,One Lemon, one drumstick and two Banana and floriculture in bunds	10	1	Result awaiting											

Onion	Nutrient management	Application of Sulphur @45 kg/ha along with the soil test based fertilizer recommendation for increasing size of bulb	10	1	Result awaited												
Onion	Varietal substitution	Growing of kharif onion var. Line 883;	10	1	171	116	47.4	Size of bulb 68 g	Size of bulb 44g	103750	296800	193150	2.86	96250	252800	156550	2.62
Tomato	Varietal substitution	Triple resistant high yielding Tomato variety (Arka Rakshak);	10	1	335	258	29.8	No. of fruit/plant 90	No. of fruit/plant 53	125970	261000	135030	2.7	120850	214800	93950	1.77
Papaya	Varietal substitution and IGA	Demonstration of Red lady var. of Papaya; Gynodioecious; semi dwarf, produces short oblong and elongated fruits; average fruit wt. 1.5-2kg, spacing 1.8 x 1.8m, NPK 300: 250:400gm in 4 split, 5 kg FYM/ Plant	10	1	Result awaited												

Livestock

Category	Thematic Area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	*** BCR

Dairy	LPM	Demonstration of Bypass fat and mineral mixture feeding for sustained milk production	10	10	Avg. Milk yield/cow/ Day in l 9.30	Avg. Milk yield/cow/ Day in l 8.99	3.4	Sp. gravity LR Reading 29.7	Sp.gravity LR Reading 25.9	118/cow/ Day (Labour + Grain +Supplement)	354 (@ Rs. 38/l of milk due to high LR value	236/cow/ Day	3	101/cow/ Day (Labour + Grain)	252 (@ Rs. 28/l of milk due to low LR value	151/ Cow/ Day	2.49
Cow																		
Buffalo																		
Poultry	LPM	Artificial Brodding Management in Chicks	10	200	Wt. gain in 2m period-0.91 kg	Wt. gain in 2m period-0.4 kg	127	Avg. Mortality rate-4%	Avg. Mortality rate-19%	46/chick upto 2 months	227.5/chick upto 2 months	181.5/chick upto 2 months	4.94	30/chick upto 2 months	120/chick upto 2 months	90/chick upto 2 months	4
Rabbitry																		
Pigerry																		

Sheep and goat	LPM	Demonstration of feeding of Concentrate to increase the rate of body weight gain in goats	10	100	Weight gain in 2m (age 3m to 5 m)/goat 5.26 Kg	Weight gain in 2m (age 3m to 5 m)/goat 3.08 Kg	70.77	-	-	422/goat In 2 months (Labour + Conc. @ Rs. 2/day)	2107/goat as per 2m wt gain (@ Rs.400/ Kg meat)	1685	4.99	290/goat / 2monts (labour cost)	1243 /goat as per 2m wt gain (@ Rs.400/Kg meat)	953/ goat	4.28
Goat	LPM	Demonstration of oral deworming against both ecto and endo parasites in goats to support BW gain	10	60	Weight gain in 3m (age 6m to 9 m)/goat 5.33 Kg	Weight gain in 3m (age 6m to 9 m)/goat 4.19 Kg	28	-	-	455/goat/ 3monts (labour cost + Medicine cost)	2132/goat as per 3m wt gain (@ Rs.400/ Kg meat)	1677	4.68	430/goat / 3monts (labour cost)	1676 /goat as per 3m wt gain (@ Rs.350/Kg meat)	1246	3.89
Duckery																	
Others (pl.specify)																	
Total																	

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Fisheries

Category	Thematic area		No. of Farmer	No.of units	Major parameters		Other parameter	*Economics of demonstration (Rs.)	*Economics of check (Rs.)

		Name of the technology demonstrated			Demons ration	Check	% change in major parameter	Demons ration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Common carps																	
Mussels																	
Ornamental fishes																	
Others (pl.specify)																	
	Total																

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demons ration	Check		Demons ration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	Enterprise development															
Button mushroom																
Vermicompost	Composting cowdung and leafly materials in ration of 3:10 with release of earthworm, E. foetida @ 1kg/bag; covering with gunny bags and churring the materials at 15 DAI till compost is ready	7	7	Result awaited												
Sericulture																

Apiculture																
Others (pl.specify)																
Total																

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Women empowerment

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									

*** 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 Nil

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter	Economics (Rs./ha)

Cereals				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (Pl.specify)										
Total										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (Pl.specify)										
Total										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (Pl.specify)										
Total										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato										

Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (Pl.specify)										
Total										
Commercial crops										
Cotton										
Coconut										
Others (Pl.specify)										
Total										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (Pl.specify)										
Total										

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Rice	Promising and novel effective molecules are not available at all or not timely available in local market , Difficulty in application due to drudgery while working .
2	Pigeon pea	Maize as border crop fails to attract pests of Arhar due to harvesting of maize prior to fruiting of Pigeon pea
4	Arka Rakshyak	Production is highly satisfying and also disease resistant .
5	Onion	Variety trial as Kharif onion is good still more varieties may be tried in the district
6	Dairy	Feeding of bypass fat in high yielders may be recommended to Govt for more spreading of the technology
7	Poultry	Availability of good quality different var. of chicks through district hatcheries may be made available

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field day	05.09.2021	1	30	Field day on Secondary and micronutrient application in ground nut
2	Field day	05.10.2021	1	30	Field day on INM in Fingermillet
3	Field day	22.10.2021	1	30	Field day on INM in ground nut
4	Field day	20.12.2021	1	30	Field day on Vermicompost in HDPE Polybag
5	Training	29.07.2021	1	25	Training on Low cost artificial brooding in chicks
6	Training	13.08.2021	1	25	Training on Feeding management in goats with respect to feeding of concentrate
7	Training	02.11.2021	1	25	Training on Backyard and deep litter poultry production
8	Training	21.12.2021	1	25	Training on Feeding and housing management in goats

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

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Groundnut	Local variety	9.1	12.4	9.5	14.8	Seed var. Devi@100kg/ha+Soil testbased Fertiliser+Application of Herbicide Oxyflurofen 23.5% EC @200ml/ha, need based Plant protection Chemical	26	10	14.5	8.1	13.5	8.8	42.1	-8.7
2	Mustard	Local - variety	3.1	7.5	12	10	Seed (Var-M 28@10Kg/ha)+Herbicide (Quizalfop ethyl 10EC) @1000ml/ha + Sulphur @20kg /ha	25	10	8.3	7.6	7.9	5.3	51.8	6.5

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	Seed var. Devi@100kg/ha+Soil testbased Fertiliser+Application of Herbicide Oxyflurofen 23.5% EC @200ml/ha, need based Plant protection Chemical	35250	70500	53270	2	40980	94250	53270	2.29

2	Seed (Var-M 28@10Kg/ha)+Herbicide (Quizalfop ethyl 10EC) @1000ml/ha + Sulphur @20kg /ha	3700	13710	10010	3.7	7807	35267	27460	4.5

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1	Groundnut	13.5	985	69	370	Nil	To mitigate daily requirement, repayment of loan etc.	60
2	Mustard	7.97	119.5	45	119.5	Nil	To mitigate daily requirement, education and health	16

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	Seed var. Devi@100kg/ha+ Soil test based Fertiliser +Application of Herbicide Oxyflurofen 23.5% EC @200ml/ha, need based Plant protection Chemical	suitable	Yes	Yes	No	Yes	Farmers are satisfied & interested to cultivate the var.Devi
2	Seed (Var-M 28@10Kg/ha)+Herbicide (Quizalfop ethyl 10EC) @1000ml/ha + Sulphur @20kg /ha	suitable to the farming system	Yes	Yes	No	Yes	Farmers wants to cultivate High yielding varieties of Rapeseed &Mustard

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Var. Devi is Performing very good in terms of yield attributes and yield	Var. Devi Performing very good	Var. Devi Performing better yield in comparison to Local variety.	Farmers satisfied with this technology and demand huge amount of this variety of seed in proper time
Var. M 28 is Performing very good in terms of yield attributes and yield	Var. Uttara is performing very good	Var. Uttara is performing better yield in comparison to Local variety.	Farmers satisfied with this technology and demand huge amount of this variety of seed in proper time

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Field day on ground nut	22.10.2021 at Dhumavata	30

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

H. Farmers' training photographs

I. Quality ActionPhotographs of field visits/field days and technology demonstrated.

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Groundnut	i) Critical input	108000	88953	19047
	ii) TA/DA/POL etc. for monitoring	12000	2250	9750
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
	V) Audit fee			
	Total	120000	91203	28797

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Mustard	i) Critical input	54000	41145	12855
	ii) TA/DA/POL etc. for monitoring	6000	630	5370
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
	v) Audit fee			
	Total	60000	41775	18225

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

A) Farmers and farm women (on campus)

3.4Achievements on Training (Including the sponsored and FLD training programmes):

B) Farmers and farm women (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Nutrient management	1	20	0	20	5	0	5	0	0	0	25	0	25
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and Pruning	1	0	8	8	0	15	15	0	2	2	0	25	25

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any	1	7	0	7	0	14	14	0	4	4	7	18	25
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													

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
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													

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
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
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													

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
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	3	27	8	35	5	29	34	0	06	06	32	43	75

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs	3	22	0	22	16	5	21	2	0	2	40	5	45
Nutrient management	3	39	1	40	2	0	2	3	0	3	44	1	45
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													

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
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying	**2**	**23**	**0**	**23**	**3**	**0**	**3**	**4**	**0**	**4**	**30**	**0**	**30**
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production	**1**	**10**	**0**	**10**	**2**	**0**	**2**	**3**	**0**	**3**	**15**	**0**	**15**
Ornamental fisheries													
Enterprise development													
Para vets	1	0	0	0	11	4	15	0	0	0	11	4	15
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													
TOTAL	**10**	**94**	**1**	**95**	**34**	**9**	**43**	**12**	**0**	**12**	**140**	**10**	**150**

C) Extension Personnel (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	1	4	2	6	1	3	4	0	0	0	5	5	10
Value addition													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals	1	7	0	7	2	0	2	2	0	2	11	0	11
Livestock feed and fodder production	1	9	1	10	0	0	0	0	0	0	9	1	10
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs	1	3	0	3	6	0	6	1	0	1	10	0	10
Gender mainstreaming through SHGs													
TOTAL	**3**	**19**	**1**	**20**	**8**	**0**	**8**	**3**	**0**	**3**	**30**	**1**	**31**

D) Farmers and farm women (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													

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
Nutrient management	4	70	0	70	15	0	15	15	0	15	100	0	100
Water management	1	18	0	18	2	0	2	5	0	5	25	0	25
Seed production													
Nursery management													
Integrated Crop Management	4	50	0	50	40	0	40	10	0	10	100	0	100
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													

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
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management	1	0	4	4	0	5	5	0	16	16	0	25	25
Soil and Water Conservation													
Integrated Nutrient Management	4	51	13	64	25	4	29	1	6	7	77	23	100
Production and use of organic inputs	3	43	8	51	5	2	7	7	10	17	55	20	75
Management of Problematic soils													
Micro nutrient deficiency in crops	4	36	3	39	33	0	33	27	1	28	90	10	100
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management	**5**	**82**	**7**	**89**	**2**	**18**	**20**	**27**	**4**	**31**	**118**	**22**	**140**
Poultry Management	**3**	**53**	**19**	**72**	**3**	**0**	**3**	**0**	**0**	**0**	**66**	**9**	**75**
Piggery Management													
Rabbit Management													
Disease Management													
Feed management	**2**	**8**	**6**	**14**	**20**	**0**	**20**	**12**	**4**	**16**	**40**	**10**	**50**
Production of quality animal products	**2**	**36**	**0**	**36**	**7**	**0**	**7**	**7**	**0**	**7**	**50**	**0**	**50**
Others, if any Goat farming	**2**	**28**	**22**	**50**	**0**	**0**	**0**	**0**	**0**	**0**	**28**	**22**	**50**
V. Home Science/Women empowerment													

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
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
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													

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
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													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
TOTAL	**35**	**475**	**82**	**557**	**152**	**29**	**181**	**111**	**41**	**152**	**749**	**141**	**890**

E) RURAL YOUTH (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
Mushroom Production													
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													

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
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 Floriculture													
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
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													

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
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
TOTAL													

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women

Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Nutrient management	5	90	0	90	20	0	20	15	0	15	125	0	125
Water management	1	18	0	18	2	0	2	5	0	5	25	0	25
Seed production													
Nursery management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Integrated Crop Management	4	50	0	50	40	0	40	10	0	10	100	0	100
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
TOTAL													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
TOTAL													
b) Fruits													
Training and Pruning	1	0	8	8	0	15	15	0	2	2	0	25	25
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
TOTAL													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any	1	7	0	7	0	14	14	0	4	4	7	18	25
TOTAL													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
TOTAL													
III. Soil Health and Fertility Management													
Soil fertility management	1	0	4	4	0	5	5	0	16	16	0	25	25

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Soil and Water Conservation													
Integrated Nutrient Management	4	51	13	64	25	4	29	1	6	7	77	23	100
Production and use of organic inputs	3	43	8	51	5	2	7	7	10	17	55	20	75
Management of Problematic soils													
Micro nutrient deficiency in crops	4	36	3	39	33	0	33	27	1	28	90	10	100
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
TOTAL													
IV. Livestock Production and Management													
Dairy Management	**5**	**82**	**7**	**89**	**2**	**18**	**20**	**27**	**4**	**31**	**118**	**22**	**140**
Poultry Management	**3**	**53**	**19**	**72**	**3**	**0**	**3**	**0**	**0**	**0**	**66**	**9**	**75**
Piggery Management													
Rabbit Management													
Disease Management													
Feed management	**2**	**8**	**6**	**14**	**20**	**0**	**20**	**12**	**4**	**16**	**40**	**10**	**50**
Production of quality animal products	**2**	**36**	**0**	**36**	**7**	**0**	**7**	**7**	**0**	**7**	**50**	**0**	**50**
Others, if any (Goat farming)	**2**	**28**	**22**	**50**	**0**	**0**	**0**	**0**	**0**	**0**	**28**	**22**	**50**
TOTAL													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													

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
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
TOTAL													
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
TOTAL													
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													
TOTAL													
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													

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
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													
TOTAL													
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													
TOTAL													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Others, if any													
TOTAL													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. specify)													
TOTAL	**38**	**502**	**90**	**592**	**157**	**58**	**215**	**111**	**47**	**158**	**781**	**184**	**965**

ii. RURAL YOUTH (On and 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
Mushroom Production													
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs	3	22	0	22	16	5	21	2	0	2	40	5	45
Nutrient management	3	39	1	40	2	0	2	3	0	3	44	1	45
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													

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
Production of quality animal products													
Dairying	**2**	**23**	**0**	**23**	**3**	**0**	**3**	**4**	**0**	**4**	**30**	**0**	**30**
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production	**1**	**10**	**0**	**10**	**2**	**0**	**2**	**3**	**0**	**3**	**15**	**0**	**15**
Ornamental fisheries													
Enterprise development													
Para vets	1	0	0	0	11	4	15	0	0	0	11	4	15
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													
TOTAL	**10**	**94**	**1**	**95**	**34**	**9**	**43**	**12**	**0**	**12**	**140**	**10**	**150**

iii. Extension Personnel (On and 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
Productivity enhancement in field crops	1	4	2	6	1	3	4	0	0	0	5	5	10

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Value addition													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals	1	7	0	7	2	0	2	2	0	2	11	0	11
Livestock feed and fodder production	1	9	1	10	0	0	0	0	0	0	9	1	10
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs	1	3	0	3	6	0	6	1	0	1	10	0	10
Gender mainstreaming through SHGs													
TOTAL	**3**	**19**	**1**	**20**	**8**	**0**	**8**	**3**	**0**	**3**	**30**	**1**	**31**

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
Agronomy	F/FW	Nutrient management in ragi for higher productivity	1	Off	18	7	25	0	0	0
	RY	Preparation and use of organic inputs	2	ON	15	0	15	4	0	4
	F/FW	Sowing technique in medium duration red gram	1	Off	24	1	25	1	0	1
	F/FW	Protein rich rice cultivars and their importance	1	Off	18	7	25	0	0	0
	F/FW	Herbicide for weed management in rice	1	Off	19	0	19	6	0	6
	F/FW	Use of CLCC in paddy for proper nitrogen management	1	Off	24	1	25	1	0	1
	F/FW	Seed treatment of pulses through microbial culture	1	Off	18	7	25	0	0	0
	F/FW	Nutrient management in groundnut	1	Off	19	0	19	6	0	6
	F/FW	Management measures against BPH/WBPH in rice	1	Off	24	1	25	1	0	1
	IS	Crop diversification in upland rainfed area	1	Off	10	0	10	0	0	0
	IS	Millets and its agrotechniques	1	ON	10	0	10	0	0	0

	IS	Climate resilient agriculture	1	Off	10	0	10	2	0	2
	RY	Integrated farming system IFS model for 1 ha area	2	ON	20	10	30	7	4	11
	F/FW	Management of BPH/WBPH in rice	1	Off campus	30	0	30	21	0	21
	F/FW	Management of shoot and fruit borer in brinjal	1	Off campus	25	0	25	12	0	12
	F/FW	Nature of damage and management of Mites/thrips in chillie	1	Off campus	25	0	25	12	0	12
	F/FW	Nature of damage and management of control of gram pod borer in Arhar	1	Off campus	25	0	25	16	0	16
	RY	Development of para extension workers for plant protection	1	ON campus	16	0	16	10	0	10
	IS	Vertebrate pest management (Monkey/Wild boars/ birds)	1	ON campus	9	3	12	6	0	6
	RY	New PP Chemicals and their use in major crops	1	ON campus	15	0	15	4	0	4
	RY	Method of operationa and maintainance of power sprayer	1	Off campus	20	0	20	14	0	14
Soil Science	F/FW	Sulphur and Boron application for pod development in groundnut	1	Off campus	16	9	25	1	5	6
	F/FW	Vermicomposting techniques	1	Off campus	6	19	25	3	12	15
	F/FW	Methods of zinc and boron application in rice	1	Off campus	25	0	25	18	0	18
	F/FW	Site specific nutrient management	1	Off campus	0	25	25	0	21	21
	F/FW	INM in greengram	1	Off campus	18	7	25	0	5	5

	F/FW	Application of microbial consortia to increase the production of pigeon pea	1	Off campus	25	0	25	8	0	8
	F/FW	B and Mo application for management of browning and whiptail disease in cauliflower	1	Off campus	21	4	25	11	1	12
	F/FW	Biofertilizer application in vegetables	1	Off campus	18	7	25	0	0	0
	F/FW	Sulphur application in onion for enlargement of bulb	1	Off campus	19	0	19	6	0	6
	F/FW	Use of organic waste decomposer in NADEP composting	1	Off campus	24	1	25	1	0	1
	IS	Techniques of soil mgmt. for sustainable agriculture	1	ON	5	5	10	1	3	4
	IS	Management of problem soil in the district	1	ON	10	0	10	7	0	7
	RY	Nutrient deficiency symptoms and their mgmt	2	ON	14	1	15	0	0	0
	RY	Soil testing and interpretation of SHC for fertilizer application	2	ON	13	0	13	2	0	2
	RY	Use of lime for mgmt. of acid soil	2	ON	8	0	8	2	5	7
	F/FW	Nutrient mgmt. in sweet corn for higer production	1	Off campus	25	0	25	0	0	0
	RY	Vermicompost production technology	2	ON	15	0	15	0	0	0

	F/FW	Micronutreint defficincy symptoms and their management practice in sweet corn	1	Off campus	25	0	25	0	0	0
Animal Sc.	F/FW	Low cost artificial brooding in chicks	3	Off	25	0	25	0	0	0
	F/FW	Thronless cactus cultivation in wasteland for livestock fodder	1	Off	10	4	14	11	0	11
	F/FW	Heat tol strains of poultry birds for backyard rearing	1	Off	15	10	25	0	0	0
	F/FW	Cultivation and feeding strategies of Hybrid Napier	3	Off	25	0	25	0	0	0
	F/FW	Methods of straw treatment and its benefits in feeding to cows	3	Off	15	10	25	9	4	13
	F/FW	Feeding management in goats wrt concentrate feeding	3	Off	12	13	25	0	0	0
	RY	Integrated Livestock farming as a source of income generation	1	Off	11	0	11	4	0	4
	F/FW	Care and Management of New born with special reference to vaccination and deworming	3	Off	22	0	22	3	0	3
	F/FW	Quality milk production by mineral and bypass fat supplementation	1	Off	22	0	22	3	0	3
	RY	Value addition in milk to increase soce of income	1	Off	12	0	12	3	0	3

	IS	Anti microbial disease resistance in livestock and to control	1	Off	7	0	7	4	0	4
	F/FW	Preparation of Ghee as a value added dairy product	1	Off	14	0	14	11	0	11
	IS	Ration planning in milch cows	2	ON	9	1	10	0	0	0
	F/FW	Gene upgradation strategies in goats	2	ON	13	9	22	3	0	3
	RY	Backyard and deep litter semi intensive poultry production	1	Off	16	9	25	0	0	0
	F/FW	Azolla cultivation strategies and feeding management in livestock	1	ON	10	0	10	5	0	5
	F/FW	Cultivation and feeding strategies of Hybrid Napier	1	Off	15	0	15	10	0	10

H) Vocational training programmes for Rural Youth

a) 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 else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Vermi	Vermicomposting	Production and use of Vermicompost	2	15	0	15				
Integrated farming	Integrated farming	Models of one ha integrated farming system	2	15	0	15				
QPM	Production of planting material	Seed production techniques in paddy	2	15	0	15				
Hort	Vegetable	Micro irrigation with mulching in vegetables	2	15	0	15				
Soil testing	Soil testing	Soil testing and interpretation of soil health card for fertiliser application	2	15	0	15				
SFM	Soil management	Use of lime for management of acid soils	2	15	0	15				
Integrated farming	LPM	Integrated livestock farming as a source of income	2	12	3	15				
Value addition	Dairy	Value addition in milk to increase scope of income	2	11	4	15				
Poultry	Polultry	Backyard and dip-litter semi-intensive poultry production	2	9	6	15				
Poultry	Poultry	Small scale poultry farming as as source of income generation	5	23	17	40				

*training title should specify the major technology /skill transferred

b) Details of participation

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
Crop production and management													
Commercial floriculture													
Commercial fruit production													
Commercial vegetable production													
Integrated crop management													
Organic farming													
Other													
Total													
Post harvest technology and value addition													
Value addition													
Other													
Total													
Livestock and fisheries													
Dairy farming													
Composite fish culture													
Sheep and goat rearing													
Piggery													
Poultry farming													
Other													
Total													
Income generation activities													
Vermicomposting													
Production of bioagents, biopesticides,													
biofertilizers etc.													
Repair and maintenance of farm													

machinery &imlements													
Rural Crafts													
Seed production													
Sericulture													
Mushroom cultivation													
Nursery, grafting etc.													
Tailoring, stitching, embroidery, dying etc.													
Agril. Para-workers, para0vet training													
Other													
Total													
Agricultural Extension													
Capacity building and group dynamics													
Other													
Total													
Grand Total													

I) Sponsored Training Programmes

a) Details of Sponsored Training Programme Nil

b) Details of participation

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**
Crop production and management													
Increasing production and productivity of crops													
Commercial production of vegetables													
Production and value addition													
Fruit Plants													
Ornamental plants													
Spices crops													
Soil health and fertility management													

Production of Inputs at site													
Methods of protective cultivation													
Other													
Total													
Post harvest technology and value addition													
Processing and value addition													
Other													
Total													
Farm machinery													
Farm machinery, tools and implements													
Other													
Total													
Livestock and fisheries													
Livestock production and management													
Animal Nutrition Management													
Animal Disease Management													
Fisheries Nutrition													
Fisheries Management													
Other													
Total													
Home Science													
Household nutritional security													
Economic empowerment of women													
Drudgery reduction of women													
Other													
Total													
Agricultural Extension													
Capacity Building and Group Dynamics													
Other													
Total													
Grant Total													

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	4	102	18	120	32	2	1	3	104	19	123
Kisan Mela	4	590	60	650	35	30	8	38	620	98	718
Kisan Gosthi											
Exhibition	5	1850	350	2200	38	58	19	77	1908	369	2277
Film Show	12	210	50	260	12	-	-	-	210	50	260
Method Demonstrations	23	104	-	104	42	-	-	-	104	-	104
Farmers Seminar											
Workshop											
Group meetings	6	128	22	150	20	-	-	-	128	22	150
Lectures delivered as resource persons	23	965	135	1100	24	43	16	59	1008	194	1202
Advisory Services	18	180	30	210	15	-	-	-	180	30	210
Scientific visit to farmers field	142	845	120	965	-	25	12	37	870	132	1002
Farmers visit to KVK	320	-	-	320	-	-	-	-	-	-	320
Diagnostic visits	42	292	62	354	30	24	6	30	316	68	384
Exposure visits	5	90	-	90	12	-	-	-	90	-	90
Ex-trainees Sammelan											
Soil health Camp											
Animal Health Camp	1			45							45
Agri mobile clinic											
Soil test campaigns											
Farm Science Club Conveners meet											
Self Help Group Conveners meetings											
MahilaMandals Conveners meetings											
Celebration of important days (specify)											
Agriculture Education Day	1	14	13	27	15	5	-	5	19	13	32
International Women Day	1	-	60	60	10	4	-	4	4	60	64
Krishak Samman Nidhi	1	21	15	36	23	-	-	-	21	15	36

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
World Water Day	1	14	16	30	8	2	-	2	16	16	32
Women in agriculture day	1	-	34	34	18	-	3	3	-	37	37
World Soil day	1	64	11	75	22	16	6	22	80	17	97
Total											

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	6
Radio talks	5
TV talks	7
Popular articles	6
Extension Literature	2
Other, if any	-

3.5 a. Production and supply of Technological products

Village seed

Crop	Variety	Quantity of seed (q)	Value (Rs)	No. of farmers involved in village seed production	Number of farmers to whom seed provided							
					SC		ST		Other		Total	
					M	F	M	F	M	F	M	F
Total												

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Grand Total											

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	
				M	F	M	F	M	F	M	F
Vegetable seedlings											
Cauliflower	Barkha	2000			3		2		5		10
Cabbage	Indu	2000			4		3		5		12
Tomato	Arka Rakshak	2200			3		4		3		10
Brinjal	VNR-212	2000	161000		7		1		2		10
Chilli	Siam Hot	2000			8		1		1		10
Onion	AFLR	1000000			5		1		14		20
Others	Seracole	1,500			3		3		4		10
Fruits											
Mango											
Guava											
Lime											
Papaya	Red lady	3000		40		20		40		100	
Banana											
Others											
Ornamental plants											
Medicinal and Aromatic											
Plantation											
Spices											
Turmeric											
Tuber											
Elephant yams											
Fodder crop saplings											
Forest Species											
Others, pl.specify											
Total											

Production of Bio-Products

Name of product	Quantity Kg	Value (Rs.)	No. of Farmers benefitted							
			SC		ST		Other		Total	
			M	F	M	F	M	F	M	F
Bio-fertilizers										
Bio-pesticide										
Bio-fungicide										
Bio-agents										
Others, please specify.Vermicompost	3000	45000	4	3	2	1	12	5	18	9
Total										

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Dairy animals											
Cows											
Buffaloes											
Calves											
Others (Pl. specify)											
Small ruminants											
Sheep											
Goat											
Other, please specify											
Poultry	Banaraja, kadaknath, Aseel	1000	48000	21		15		20		56	
Broilers											
Layers											
Duals (broiler and layer)											
Japanese Quail											
Turkey											
Emu											
Ducks											
Others (Pl. specify)											
Piggery											
Piglet											
Hog											
Others (Pl. specify)											
Fisheries											
Indian carp											
Exotic carp											
Mixed carp											
Fish fingerlings											
Spawn											
Others (Pl. specify)											
Grand Total											

3.5. b. Seed Hub Programme-*"Creation of Seed Hubs for Increasing Indigenous Production of Pulses in India"*

i) Name of Seed Hub Centre:

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

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)

			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2020						
Rabi 2020-21						
Summer/Spring 2021						
Kharif 2021						
Rabi 2021-2022						

iii) Financial Progress

Fund received (2017-18, 2018-19, 2019-20, 2020-21, 2021-22)	Expenditure (Rs. in lakh)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2017-18				
2018-19				
2019-20				
2020-2021				
2021-2022				

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	Scientific package of practice of Sweet corn	RD Behera, Parthana Mohanty, Pratichee Mohapatra, Sandipta Nayak, Sarthak Pattanaik, JP Nayak, A. Roy	2	-
	Scientific package of practices of Onion cultivation	RD Behera, Parthana Mohanty, Pratichee		

		Mohapatra, Sandipta Nayak, Satymaya Satapathy, JP Nayak, A. Roy		
Seminar/conference/ symposia papers				
Books				
Bulletins				
News letter	Harishankar	All Scientists of KVK	2	
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature	Fodder production for dariy cow feeding Pretreated straw feeding in cows Acid soil management Micronutrient application in vegetables	Scientists of KVK	5	
Technical reports	SAC proceedings RE proceedings Annual Report	All Scientists of KVK	3	
Electronic Publication (CD/DVD etc)	Sweet corn cultivation Azolla cultivation Poultry production in backyard Vermicomposting	Scientists of KVK	4	
TOTAL			16	

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.					
2.					
3.					
4.					
5.					
6.					
7.					

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

Name of farmer	Jayadeb Merli	
Address	Brahmanidungri, Loisingha	

Contact details (Phone, mobile, email Id)	7735892296 (mail not available)	
Landholding (in ha.)	3 ha.	
Name and description of the farm/ enterprise	1 ha. Brinjal Cultivation and marketing with grading at sorting at point of production	
Economic impact	Net income Rs 2,30,000 / ha. as against Rs 1,90,000 / ha wrt last year	
Social impact	Motivated the brinjal growers for grading at sorting and reckoned as peer group leader	
Environmental impact	Not studied	
Horizontal/ Vertical spread	Brinjal growers of 8 ha. in nearby area are involved in grading at sorting of their produce under one roof in the evening and thereby marketing in the late night	

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)

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	Through trainings , phone calls , Field diagnostic visits , farmers visit to KVK	Need analysis of FW training
2	During expedition of FLD , OFT programmes and monitoring the programmes	Need analysis of FW/RY/ISTraining
3	Extension activities like group meetings , Extrainees sammelan, field days , farmers fair, celebration of special days, other flagship programmes etc.	Need analysis of FW/ RYtraining
4	From line dept. officials and extension workers during SAC meeting, RE linkage interface meeting, Review meetings, workshop on kharif and Rabi programmes	Need analysis of IS training
5	Flagship programmes , Top down approach by competent authority wrt urgency by central and state Govt.	No tool followed

3.11. a. Details of equipment available in Soiland Water Testing Laboratory

Sl. No	Name of the Equipment	Qty.
1	Mridaparikshak soil testing kit	1
2	50 capacity soil testing kits	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			
200	-	200	1000	25	-

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	70	5	Smt. Bharati Mahanand,Chairperson, Zilla Parisad, CDAO,DDH, PD Watershed	50	50

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

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

No of student trained	No of days stayed
3	30 days

ARS trainees trained	No of days stayed

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

Date	Name of the person	Purpose of visit

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.)	
			Before (Rs./Unit)	After (Rs./Unit)
Prodn. technique in Greengram	75	30	12,000/ ha	18,000/ ha
Prodn. technique in Chickpea	50	20	16,000/ ha	23,000/ ha
Soil health enhancement	100	15	20,000/ ha	32,000/ ha
Crop Production technology	100	20	22,000/ ha	33,000 / ha
Novel pesticides for IPM	50	40	15,000/ ha	22,000/ ha
Backyard Poultry	100	40	5000/ year	20,000/ year
Homestead Goatery	40	80	3300/goat/year	4000/goat/year

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
Herbicide application in pulses	6000 ha
INM in Vegetables	3500 ha
IPM in Vegetables	2000 ha
Stress tolerant Rice production in rainfed ecosystem	32000 ha
Kitchen gardening	4300 households
Micronutrient application in Crucifer vegetables	750 ha.
Judicious use of pesticides	6500 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
1	Demonstration on Fingermillet	80 famers till now got the requisite information on fingermillet. Agriculture department also spreadin the technology	80 numbers of farmers doing finger millet cultivation regularly
2	Demonstration on Kharif Onion and Resistant Tomato	Famers adopting the varieties and getting desirable information and result	60 numbers of farmers opting the varieties and the varieties are also further spreading in the district
3	Training on soil sample collection and analysis	Youths imparted with the trainings are spreading the technology in the district	40 numbers youths are provided with the training and now working at grass rout leve

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 of the enterprise	
Name & complete address of the entrepreneur	
Role of KVK with quantitative data support:	
Timeline of the entrepreneurship development	
Technical Components of the Enterprise	
Status of entrepreneur before and after the enterprise	
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	
Horizontal spread of enterprise	

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
All line departments	Research- Extension linkage meeting to decide on convergence of works for farmers and work in field jointly for farmers
ATMA	Monitoring of BGREI, NFSM programmes, other related works as and when come
ARD	Animal Health camp, Awareness camp on disease management
NGO	Reliance foundation in poultry and millet activities,
KVKs of neighbouring districts	Share of manpower, infrastructure, technology
NHB	Monitoring of Orchards for stockings on quality planting material
CHES, NRRI and other ICAR institutes	Knowledge and skill development, Input Procurement
AIR/ Doordarshan	Broadcast of tech. messages and audio conference with farmers
ICARDA, N. Delhi	Procurement of pulse seeds for rainfed situation , monitoring of tech. activities
NABARD	Promotion of FPOs

5.2. List of special programmes undertaken during 2021by 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.)

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/bred	Produce	Qty.	Cost of inputs	Gross income	
1.	Crop cafetaria	2017	200	Tomato, Brinjal , chilli, Onion, Cabbage, Cauliflower, Papaya	Seedlings	1015000	106000	222000	Sold to farmers and distributed under demonstration
2.									
3.									
4.									
5.									
6.									
7.									
	Total					1015000	106000	222000	

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	
Rice	16.07.2021	22.12.20	5 ha	Pooja	FS	175	335000	5,30,425	To be sold to OSSC
Rice	20.07.2021	05.12.20	2 ha	Swarna Shreya	FS	61		1,74,460	

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	3000		45000	Sold to farmers and use in the instructional farm

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.	Backyard Poultry	Aseel, Kadaknath, Banaraja	Brooded chicks	1000	21000	48000	Sold to Farmers and distributed under demonstration

6.5. Utilization of hostel facilities Not available

Accommodation available (No. of beds)

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

(For whole of the year)

6.6. Utilization of staff quarters Not available

Whether staff quarters has been completed:
No. of staffquarters:
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(Flexi account , Surabhi scheme)	SBI, Bolangir	Bhagirathi Chowk	30966088644
Savings Account	SBI, ADB, Bolangir	College Chowk	31149194881

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April, 2021
	Kharif	Rabi	Kharif	Rabi	
Oil seed	12000	60000	94000	41775	34275

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2021
	Kharif	Rabi	Kharif	Rabi	

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

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	80.00	Available with comptroller , OUAT	
2	Traveling allowances	01.20	00.90	0.50
3	HRD	00.30	00.22	0.00
4	Contingencies			
A	Stationery / POL	04.40	07.45	2.60
B	Training (Meals & Refreshment) / training material	03.30		3.33
C	Frontline Demonstration	01.65		1.40
D	On farm Testings	01.65		0.40
E				
F	SCSP	09.00	04.43	3.00
G				
H				
I				
J	Swachhta Expenditure	00.15	00.15	0.11
TOTAL (A)		**101.65**	**13.15**	**11.34**
B. Non-Recurring Contingencies				
1	Library	00.10	0	0
2	Equipments & Furniture	01.50	0	0
3				
4				
TOTAL (B)		**01.60**	**0**	**0**
C. REVOLVING FUND		00.00	00.00	00.00
GRAND TOTAL (A+B+C)		**103.25**	**13.15**	**11.34**

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2019-20	5,34,246	6,91,369 + receipt of Rs 2,00,000 from DEE	8,57,820 (including return of Rs 4,00,000 to DEE)	5,67,795 (= Rs 1,38,301 as cash + Rs 4,29,494 as kinds)

2020-21	1,38,301	Rs 8,20,997 4,79,442 (from OSSC against pending bill) + 2,00,000 (from DEE as seed money) + 58,115 (sale proceed of seedlings) + 71,190 (sale proceed of poultry) + 12,250 (bank interest)	Rs 5,48,327 (4,08,129 for paddy)+ 91,178 for QPM + 49,020 for poultry)	Rs 4,10,971
2021-22	533950	Rs 121445	Rs.288054	Rs. 117727

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
(iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

Nameof activity	Number of activity	Season	With line department	With ATMA	With both
PRA of village Birmunda	1	Kharif 2021	ARD, Fishery, Agriculture	With ATMA also	
Field visit to vegetable patches	3	Rabi 2021	Horticulture		
Animal Health Camp	1	Rabi 2021	ARD		
Celebration of World Soil Day	1	Rabi 2021	Agricultre		
Planting material verification	4	Kharif and Rabi 2021	Horticulture		
Seed verification	3	Rabi 2021	Horticulture		

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)
BPH infestation	Paddy	Oct 1st week	2300	10	Awareness programmes, capacity building of farmers
Fall Army worm	Maize	July 4th week	450	17	Workshop, field visit , advisory to farmers, KMAS
Bacterial leaf Blight	Paddy	August 2nd week	23000	15	Workshop, field visit , advisory to farmers, KMAS

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)
Lumpy skin disease	Cow	Incidence and prevalence , not in out break situation	Nil	Vaccination done by dist ARD	No serious disease reported in fish pond
Goat Pox	Goat		3%	Vaccination done by dist ARD	
FMD	Cow		Nil	Vaccination done by dist ARD	
RD	Poultry		50 %	-	
Avian pox	Poultry		3 %	Vaccination done by dist ARD	

9.1. Nehru YuvaKendra(NYK) Training

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

9.2. PPV & FR Sensitization training Programme

Date of organizing the programme	Resource Person	No. of participants	Registration (crop wise)	
			Name of crop	No. of registration

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

Type of message	No. of messages	No. of farmers covered
Crop	33	9100
Livestock	24	3200
Fishery	nil	-
Weather	14	210
Marketing	5	415
Awareness	9	125
Training information	Nil	-
Other	4	7450
Total	89	

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	4022
2.	No. of farmers registered in the portal	15200

3.	Mobile Apps developed by KVK	
4.	Name of the App	
5.	Language of the App	
6.	Meant for crop/ livestock/ fishery/ others	
7.	No. of times downloaded	

9.5. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken
20.09.2021	Cleaning of office campus and demonstration units
27.10.2021	Cleaning of office premises and Agropolytechnic campus
17.11.2021	Awareness among villagers for not using plastics
13.12.2021	Cleaning of nearby village and awareness camp

b. Details of Swachhta activities with expenditure: NIL

Activities	**Number**	**Expenditure (in Rs.)**
1. Digitization of office records/ e-office		
2. Basic maintenance		
3. Sanitation and SBM		
4. Cleaning and beautification of surrounding areas		
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste		
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level		
8. Swachhta Workshops		
9. Swachhta Pledge		
10. Display and Banner		
11. Foster healthy competition		
12. Involvement of print and electronic media		
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)		
14. No of Staff members involved in the activities		
15. No of VIP/VVIPs involved in the activities		

16. Any other specific activity (in details)		
Total		

9.6. Observation of National Science day NIL

Date of Observation	Activities undertaken

9.7. Programme with SeemaSurakshaBal/ BSF NIL

Title of Programme	Date	No. of participants

9.8. Agriculture Knowledge in rural school NIL

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

Give good quality 1-2 photograph(s)

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

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)

9.10. Details of MahilaKisan Divas programme(15.10.2021) organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Awareness on Kitchen garden	2	50	-	-

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
1	Siba Prasad Barik	Village- Uparjhar, Bolangir-7608949481	Fodder farming, Goatery
2	Raju Sahu	Village- Dangaghat, Bolangir-9348522356	Dairy and Goatery
3	Udaya Naik	Village: Bargaon, Bolangir 9938732203	All season cultivation of sweet corn

4	Rajesh Meher	Village- Brahmnidungri , Loisingha 8249081380	Backyard poultry
5	Jayadev Merli	Village- Brahmnidungri , Loisingha 7735892296	Brinjal and Okra Cultivation
6	Indra Sahu	Village: Darlipali , Khaprakhol, -9556452190	Cotton
7	Pradumna Teji	Village:Magurbeda, Loisingha-9937623894	Relay cropping of Pointedgourd in single trellis system
8	Rajlal Chandan	Village: Bagbahal , Bongamunda ,Bolangir-6370664136	Onion cultivation
9	Satyabrata Thati	Village:Banbahal, Bolangir-8658942615	Fishery
10	Mukunda Badhei	Village: Magurbeda, Loisingha-9439875271	Onion

9.12. Revenue generation

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	Revolving Head	Rs 121445	OUAT

9.13. Resource Generation:

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

9.14. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
22.1.2021	IMD	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
Odisha	Bolangir	Contingent plan for drought situation	3	40	Contingent measures for crops, live-stock, Fisheries wrt delayed or abrupt cessation for few days to few weeks

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. Celebration of World Food Day in 2021

Sl. No.	**Activities undertaken**	**No. of VIPs attended**	**No. of participants**		
	Awareness on nutritious food in children	**-**	**6**	**34**	**40**

12.Progress report of NICRA KVK (Technology Demonstration component) during the period (Applicable for KVKs identified under NICRA)

Natural Resource Management

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

Crop Management

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

Livestock and fisheries

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

Detailed report should be provided in the circulated Performa

13. Awards/Recognition received by the KVK

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

Award received by Farmers from the KVK district

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

14. Any significant achievement of the KVK with facts and figures as well as quality photograph

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

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

16. 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

17. Technologies for Doubling Farmers' Income

Sl. No.	Name of the Technology	Brief Details of Technology (3-5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to adoption of the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1	Paddy + Greengram production system	# Paddy var. Sahabhagidhan, line transplanting , herbicide oxadiargyl # Greengram var. TARM-1 paira, herbicide Imazethapyr, 1.5 % DAP spray once at flowering and second after 15 days # Mineral mixture @ 50 gm/cow, Fodder Hyb. Napier ;Dhingri mushroom (20 beds); Banaraja poultry(20 no.); Tissue culture banana G-naine(10 no.)	45,200 (FP 29,00)	2	
2	Paddy / Vegetable-	# Paddy Var. pratikshya, 15	1,20,800 (FP 77,000)	2	

	Greengram production system	days early transplanting , herbicide, almix, STBF application # Veg like Brinjal, tomato, onion, micronutrient application, herbicide pendimethalin , seed 98reatment and nursery treatment with metalaxyl & mancozeb # Greengram IPM 02-14, micronutrient, YMV management # Mineral mixture @ 50 gm/cow, Fodder Hyb. Napier ;Dhingri mushroom (20 beds); Banaraja poultry(20 no.); Tissue culture banana G-naine(10 no.)			
	Rice/ Groundnut-Greengram production system	# G.Nut var. Devi, Herbicide imazethapyr, micronutrient zypmite , drenching with chloropyriphos, seed dressing with biofertiliser, veg. like growing of onion, cauliflower, Tomato # Pooja var. transplanting 21 days old seedling, herbicide byspyribac sodium # Greengram Durga var. line sowing, Q.ethyl herbicide,	88,600 (FP 55,100)	2	

		micronutrient application. # Mineral mixture @ 50 gm/cow, Fodder Hyb. Napier ;Dhingri mushroom (20 beds); Banaraja poultry(20 no.); Tissue culture banana G-naine(10 no.)			

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

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 SIP Portal (Y/N)	Fund utilized for the training (Rs.)
				SC		ST		Other			
				M	F	M	F	M	F		

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

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

19. Information on NARI Project(if applicable)

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

20. Specific programmes for the period

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

Sl. No.	**Activity**	**No. of SC farmers/ stakeholders**		
		Male	**Female**	**Total**

1	On- farm trials	0	0	0
2	Frontline demonstrations	91	13	105
3	No. of Training programmes for farmers	228	22	250
4	Farmers trained	228	22	250
5	No. of Training programmes for Extension Personnel	0	0	0
6	Extension Personnel trained	0	0	0
7	Participants in extension activities	0	0	0
8	Distribution of seed			
9	Planting material distributed	4	12	16
10	Livestock strains and fingerlings distributed	11	10	24
11	Soil, water, plant, manures samples tested	32	0	32
12	Mobile agro-advisory provided to farmers	0	0	0
13	Other (Please specify)	0	0	0

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

Sl. No.	Title of the training	Date/ Duration	No. of Participants							
			SC		ST		Other		Total	
			M	F	M	F	M	F	M	F
1	Ration planning in dairy cows	3 days	2	18	2	0	15	3	19	21

iii. Status of Natural Farming

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

iv. Farmer Producer Organizations

a) General information

Sl. No.	Name & Address of FPO	Name &Contact No. of Head of FPO	No. of farmer members of FPO			Crop/ Enterprise dealt with by FPO	Kind of support provided by KVK in running/ starting of FPO (in brief)
			M	F	T		

b) Financial information

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

v. Nutri-gardens (Village wise)

Sl. No.	Name of village	Name of crop	Area under the crop (acre)	No. of farmers			Whether bio-fortified variety of crop used (If yes, mention variety & crop)
				M	F	T	
1	Bargoan	Papya, Brinjal, Drumstick, Leafy vegetable	1 acre	3	4	7	No

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

Name of KVK	Total budget allotted (Rs.)	Total budget utilized (Rs.)	Physical Training organized				Online Training organized			
			No. of training	No. of total participants			No. of training	No. of total participants		
				M	F	T		M	F	T

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

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

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