ANNUAL PROGRESS REPORT 2022

(January 2022 to December 2022)

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କृषि विज्ञान केन्द्र

KRISHI VIGYAN KENDRA

BARGARH

ODISHA UNIVERSITY OF AGRICULTURE & TECHNOLOGY

Gambharipali, P.O.-Larambha, Dist-Bargarh, Odisha - 768102

Annual Progress Report 2022
Krishi Vigyan Kendra, Bargarh.

Chief Editor
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Laying & Designing
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Printed
Krishi Vigyan Kendra, Bargarh

Contact:
Krishi Vigyan Kendra, Bargarh
At – Gambharipali,
PO – Larambha,
Dist – Bargarh
Pin – 768102
Odisha.

Email: kvkbaragarh.ouat@gmail.com
Web: www.kvkbargarh.org

ANNUAL PROGRESS REPORT

(January 2022 to December 2022)

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	
Krishi Vigyan Kendra, At- Gambharipali, PO- Larambha, Dist. - Baragarh. Pin – 768102, Odisha	-	-	kvkbaragarh.ouat@gmail.com baragarhkvk@yahoo.com

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

Address	Telephone		E mail
	Office	FAX	
Odisha University of Agriculture & Technology, Bhubaneswar,Odisha	0674-2397362	0674-2397362	deanextensionouat@yahoo.com deanextension_ouat@rediffmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Sri Nrusingh Ch. Barik	-	9437414979	ncbarik57@yahoo.com

1.4. Year of sanction of KVK: 1992

1.5. Staff Position (**as on 31st December 2022**)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/ Temporary	Category (SC/ST/ OBC/ Others)
1	Senior Scientist& Head (I/C)	Mr. Nrusingh Charan Barik	Scientist	Nematology	77500 (Level – 11, Cell – 11)	22.07.2011	Temporary	Other
2	Subject Matter Specialist	Mrs. Susrita Sahu	Scientist	Home Science	79800 (Level – 11, Cell – 12)	06.06.2010	Temporary	Other
3	Subject Matter Specialist	Mr. Sanat Kumar Meher	Scientist	Horticulture	77500 (Level – 11, Cell – 11)	31.05.2015	Temporary	OBC
4	Subject Matter Specialist	Ms. Rukeiya Begum	Scientist	Plant Science	15600-39100 + AGP-6000 (19810)	29.05.2015	Temporary	Other
5	Subject Matter Specialist	Mrs. Sanghamitra Biswal	Subject Matter Specialist	Agril. Engineering	57800 (Level – 12, Cell – 5)	27.07.2022	Temporary	OBC
6	Subject Matter Specialist	Mr. Alok Kumar Sahoo	Subject Matter Specialist	Agril. Extension	57800 (Level – 12, Cell – 2)	31.01.2019	Temporary	OBC
7	Programme Assistant	Mr. Deepankar Jena	Programme Assistant	Seed Science	42300 (Level – 9, Cell – 7)	06.02.2015	Temporary	Other
8	Computer Programmer	Mr. Sanat Kumar Meher	Programme Assistant	Computer	46200 (Level – 9, Cell – 9)	06.02.2016	Temporary	OBC
19	Farm Manager	Mrs. Prarthana Mohanty	Farm Manager	Horticulture	42300 (Level – 9, Cell – 7)	04.02.2019	Temporary	Other
9	Accountant / Superintendent	**Vacant**	-	-		-	-	-
11	Stenographer	Mr.Sumant Kumar Jally	Steno cum Comp. Operator	-	29600 (Level – 7, Cell – 7)	14.02.2014	Temporary	SC
12.	Driver	Mr. Anirudhha Chhanda	Driver cum Mechanic	-	26800 (Level – 4, Cell – 11)	23.07.2008	Temporary	OBC
13.	Driver	Mr. Jagannath Sahoo	Driver cum Mechanic	-	26800 (Level – 4, Cell – 11)	23.05.2018	Temporary	OBC
14.	Supporting staff	Mr. SafetlalDebata	Peon cum Watchman	-	22900 (Level – 1, Cell – 12)	28.07.2008	Temporary	Other
15.	Supporting staff	Mr. OkilKhamari	Peon cum Watchman	-	22900 (Level – 1, Cell – 12)	28.07.2008	Temporary	OBC

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	1
2.	Under Demonstration Units	1
3.	Under Crops	9.5
4.	Orchard/Agro-forestry	5
5.	Others with details-pond	1
6.	Swampy land	1
7.	Residential area	1.5
	Total	**20**

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					√	373.08		ICAR
2.	Farmers Hostel					√	324.15		ICAR
3.	Staff Quarters (6)							not	
4.	Piggery Unit							not	
5	Fencing					√	7217ft		RKVY
6	Rain Water Harvesting Structure							not	
7	Threshing Floor					√	637.22		ICAR
8	Farm Godown					√	92.4		ICAR
9.	Dairy Unit					√	12		ICAR
10.	Poultry Unit							not	
11.	GoataryUnit							not	
12.	Mushroom Lab					√	27		RKVY
13.	Mushroom Production Unit					√	80.4		ICAR

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
14.	Shade House					√	99		RKVY
15.	Soil Test Lab					√	43.8		ICAR
16	Vermi compost Unit					√	80.4		ICAR
17	Plant Health Diagnostics Laboratory					√	42		ICAR
18	Pond					√	4000		ICAR
19	Conference Hall					√	116.2		ICAR
20	Internal Farm Road					√	475 sq.ft		ICAR
21	Irrigation Channel					√			

* If not in use then since when and reason for non-use

B) Vehicles

Type of Vehicle	Year of Purchase	Cost (Rs.)	Total KM. Run	Present Status
Bolero	2011	6,30,000	274081	Good
Tractor	2009	4,20,000	31713.22 (Running Hours)	Good
Motor Cycle	2010	51,000	95,678	Good

C) Equipment & AV aids

Name of Equipment	Year of Purchase	Cost (Rs.)	Present Status	Source of Fund
a. Lab Equipment				
Digital Refractometer	2018	12669	Good	ICAR
Drying Cabinet (Solar)	2018	19898	Good	ICAR
A.C with Stabilizer	2018	67600	Good	ICAR
Crown Cap Sealing Machine (2nos)	2018	5900	Good	ICAR
VacuumSealingMachine	2018	1950	Good	ICAR
Food Processor	2018	4900	Good	ICAR
b. Farm Machinery				
Tractor	2009	420000	Good	ICAR
Power Tiller	2014	170000	Good	ICAR
Power Weeder	2017	85801	Good	ICAR
Power sprayer	2012	9400	Good	ICAR

Name of Equipment	Year of Purchase	Cost (Rs.)	Present Status	Source of Fund
Drum Seeder	2017	3000	Good	ICAR
Paddle Paddy Thresher	2017	6225	Good	ICAR
power pulse thresher	2018	84375	Good	ICAR (Seed Hub)
Seed processing unit with gravityseparator	2018	1099674	Good	ICAR (Seed Hub)
Destoner	2018	152287	Good	ICAR (Seed Hub)
MandwaWeeder	2017	1080	Good	ICAR
Parboiling Drum	2017	5060	Good	Watershed Mission
Seed treating Drum	2017	3445	Good	Watershed Mission
Knapsack Sprayer	2017	2200	Good	Watershed Mission
Battery Operated Sprayer	2017	4410	Good	ICAR
Power Mist Blower	-	-	Good	ICAR
Brush Cutter	2018	27585	Good	ICAR
Hand Winnower	2017	4250	Good	Watershed Mission
Solar Pump	2018	14950	Good	ICAR
Fire extinguisher (2 Nos.)	2019	9912	Good	ICAR
c. AV Aids				
Laptop	2018	50000	Good	ICAR
LCD Projector	2017	38500	Good	ICAR
LED TV	2018	38691	Good	ICAR
Projection Screen	2018	17900	Good	ICAR
PrintScan cum Copier	2018	14000	Good	ICAR
Solar Light	2018	20499	Good	ICAR
DSLR Digital Camera	2018	47806	Good	ICAR
Digital Camera	2017	14000	Good	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Cultivator	-	-	Good	ICAR
Rotavator	2013	114000	Good	ICAR
M.B. Plough	2013	30,000	Good	ICAR
Zero till Seed cum Fertilizer Drill	2013	47500	Good	ICAR
Land Leveler	2014	19500	Good	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.	19.01.23	30	• Promotion of processing machines & value addition of finger millet	• FLD on Power Operated Finger millet thresher for drudgery reduction of farm women has been done during Rabi-2022-23. (A total of 6 SHGs were benefited in 3 blocks of Bargarh district by this thresher) • Training was also imparted to 75 no. of beneficiaries spreading the awareness of millet processing machines. • Training and demonstration has been imparted on value adition of finger millet to 125 no. of farm women of 3 blocks in colllaberration with NGO at Paikamal ,Sohela,Gaisilet.	
			• IPM Brinjal in Organic way	• FLD has been undertaken during Kharif season. (2000 seedlings of var. Arka Anand have been provided to 15 farmers in 2 blocks –Attabira &shohella) • Training will also be conducted on IPM Practices in Brinjal to 50 farmers.	
			• Development of region specific crop calender for Bargarh District	• One crop calender showing different crop management windows has been prepared and submitted to CDAO Office for reference .	
			• Expansion of Off season vegetables & massive tomato cultivation	• 4500 Cabbage (Pusa Mukta), 3600 cauliflower (Pusa early synthtic, pusa Deepali), 8000 Tomato seedlings (A. Rakshak ,A. Apeksha,A. Vishesa) were supplied to 110 beneficiaries covering 3 blocks of Bargarh district.	
			• Promotion of suitable poultry breed for backyard.	• 800 chicks of kaveri & kalinga brown breed has been provided to 7 farmers covering 4 villages of 3 blocks under OFT programme. • Training has also imparted on Rearing management of improved poultry to 125 Farmers. 1000 no. of Leaflet on popularisation of Kadaknath poultry has been published.	
			• Popularisation of Small Tools and Machineries	• Small drudgery reducing farm implements (50 no. of improved sickle, Bhendi plucker, 15 no. of rake weeder and 20 no. of hand hoe) were distributed to 80 no. of beneficiaries of 3 blocks under SCSP programme 2022-23. • Training was given to 50 no. of beneficiaries on small farm tools and machineries.	

Sl. No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
			• Expansion of third crop in Bargarh District.	• 55 kg of sessamum (Smarak from KVK Farm&CFLD programme) has been collected for demonstration and distributed to 25 farmers under SCSPprogramme during current season	
			• Promotion of grafted brinjal for wilt management	• OFT undertaken covering 3 villages in 3 blocks (Bhatli, Attabira, Bargarh) involving 10 farmers • One traininghas been imparted onimproved crop management of Brinjal to 25 farmers.	
			• Popularisation of different HYV fingermillet with aphid and stem borer management.	• One millet cafeteria has been done at village in collaboration with NGO at village and exhibited to 110 farmers during Field day . • Three Trainings on IPDM in fingermillet have been provided to 90 farmers at Bijepur&Gaisilot Block during last Kharif Season.	
			• Awareness camp for FPOs on cultural practices against insect pest management	• 4 no. of trainings has been imparted on proper pest disease management in cole crops to 100 farmers from 6 villages. • 5 diagnostic field visits were made covering 60 farmers of 9 villages and were suggested adequate pp measures particularly on DBM management in cauliflower of Bargarh Block.	
			• Popularizations of bio-fortified Sweet Potato	• One FLD has been conducted involving 10 farm women at village Ainlapali,Dumalpali, Banjhipali, Baulsingha (Var.Bhusona). • Trainings have been imparted to 50 farm women on ICM practices of bio-fortified sweet potato.	
			• Promotion of Aromatic plants in Bargarh district	• One small cafeteria covering Lemon grass, has been established in KVK campus.65 farmers has been trained for its production .	
			• Capacity building of Dairy farmers and Promotion of Smart Napier grass	• Cafeteria made at kvk campus,500 cuttings supplied to farmers for multiplication.50 farmers has been trained for its production .	
			• More Trainings for NGO members on fruits , vegetable and cash crop .	• Six Trainings has been provided to 150 farmers in collberation with NGO Debadatta club &New life foundation etc on preservation of fruits and vegetables,Processing of Dal and Paira cropping of pulses	

Sl. No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
			• Promotion of processing machines & value addition of finger millet	• FLD on Power Operated Finger millet thresher for drudgery reduction of farm women has been done during Rabi-2022-23. (A total of 6 SHGs were benefited in 3 blocks of Bargarh district by this thresher) • Training was also imparted to 75 no. of beneficiaries spreading the awareness of millet processing machines. • Training and demonstration has been imparted on value adition of finger millet to 125 no. of farm women of 3 blocks in colllaberration with NGO at Paikamal ,Sohela,Gaisilet.	
			• IPM Brinjal in Organic way	• FLD has been undertaken during Kharif season. (2000 seedlings of var. Arka Anand have been provided to 15 farmers in 2 blocks –Attabira &shohella) • Training will also be conducted on IPM Practices in Brinjal to 50 farmers.	
			• Development of region specific crop calender for Bargarh District	• One crop calender showing different crop management windows has been prepared and submitted to CDAO Office for reference .	
			• Expansion of Off season vegetables & massive tomato cultivation	• 4500 Cabbage (Pusa Mukta), 3600 cauliflower (Pusa early synthtic, pusa Deepali), 8000 Tomato seedlings (A. Rakshak ,A. Apeksha,A. Vishesa) were supplied to 110 beneficiaries covering 3 blocks of Bargarh district.	
			• Promotion of suitable poultry breed for backyard.	• 800 chicks of kaveri & kalinga brown breed has been provided to 7 farmers covering 4 villages of 3 blocks under OFT programme. • Training has also imparted on Rearing management of improved poultry to 125 Farmers. 1000 no. of Leaflet on popularisation of Kadaknath poultry has been published.	
			• Popularisation of Small Tools and Machineries	• Small drudgery reducing farm implements (50 no. of improved sickle, Bhendi plucker, 15 no. of rake weeder and 20 no. of hand hoe) were distributed to 80 no. of beneficiaries of 3 blocks under SCSP programme 2022-23. • Training was given to 50 no. of beneficiaries on small farm tools and machineries.	

** 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. no.	Item	Information
1	Major Farming system/enterprise	Paddy-Paddy, Paddy-Pulse, Paddy-oilseed, Paddy-vegetables-vegetables, Paddy-Fallow, Dairy, Poultry, Mushroom, NTFP
2	Agro-climatic Zone	West Central Table Land
3	Agro ecological situation	• Plain Land Irrigated • Plain Land Rainfed • Undulating Plain Drought-prone • Undulating Sub-mountainous Tract Rainfed
4	Soil type	Red & Yellow, Lateritic, Black soil
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others (q/ha.)	Paddy-45.3 (K), Paddy-68.0 (R), Greengram-3.0(K), Greengram-6.16(R), Groundnut-17.5 (K), Groundnut-24 (R), Wheat-14.7,Maize-33.0, Blackgram-2.75, Pigeonpea-11.5, Mustard-8.75, Sesamum-2.1, Potato-103.5, Brinjal-220, Chilli-65 Mango-52.2, Banana-18.3
6	Mean yearly temperature, rainfall, humidity of the district	14-43^{0}c,1367.3mm, 74%
7	Production of major livestock products like milk, egg, meat etc.	Milk-45700MT, Meat-16400 MT, Egg-70.94 million

Note: Please give recent data only

2.b. Details of operational area / villages (2022-23)

Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Cheptibahal	2022	Sohela	55	450	84
Dechuan	2022	Ambabhona	79	237	73
Birmal	2022	Bargarh	49	2295	381
Ammunda	2022	Padampur	68	592	110
Jhiliminda	2022	Attabira	08	2546	421

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1	Bargarh	Sohela	Cheptibahal	Paddy, Maize, Sesamum, Vegetables & Poultry	• Low yield and non availability of location specific drought tolerant Rice Variety • **Poor yield due to incidence of Blast disease in paddy** • **Low income from local maize variety** • Distress sale and spoilage due to high perishability nature of tomato • **More cost of production due to heavy use of chemical pesticides in Brinjal** • **Less profit from sesamum due to local variety** • Food and Nutritional insecurity in farming community • **High Mortality and loss due to wilting in brinjal** • **High degree of drudgery on fam women**	• ICM in paddy • Varietal evaluation of paddy • Varietal evaluation of maize • Value addition • IPM in brinjal • Varietal evaluation of sessamum • Household foods & nutritional security • Varietal evaluation of brinjal • Drudgery reduction
2	Bargarh	Ambabhona	Dechuan	Paddy, Wheat, Greengram, Mustard Vegetables,	• Cultivation of low yielding wheat variety and Distress sale of paddy in Bargarh district • **Poor yield due to incidence of Blast disease in paddy** • Low income from greengram due to YMV infestation • Low income from mustard due to traditional variety • **Poor yield of Chilli due to local varieties** • **Low yield of tomato due to Bacterial wilt infestation** • **Low yield due to poor growth in initial stage of watermelon** • **High degree of drudgery on fam women** • Food and Nutritional insecurity in farming community	• Varietal evaluation of Wheat • Varietal evaluation of Paddy • IDM in in greengram • crop production technology of mustard • ICM in Mustard • Varietal evaluation of Chilli • IDM in tomato • ICM In watermelon • Drudgery reduction • Household foods & nutritional security • Foods & nutritional security
3	Bargarh	Bhatli	Birmal	Paddy, Greengram Vegetables,	• **Poor yield due to incidence of Blast disease in paddy**	• Varietal evaluation of paddy • IPM in paddy

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
				Dairy	• **Low yield of Direct seeded rice due to attack of stem borer** • Scarcity of labour during weeding of paddy • Less profit from pigeon pea due to local varieties with traditional practices • **Low yield of tomato due to Bacterial wilt infestation** • **Low yield due to late planting of potato** • **High degree of drudgery on fam women** • Food and Nutritional insecurity in farming community	• Farm mechanisation of paddy • CFLD on pigeon pea • IDM in tomato • ICM in potato • Drudgery reduction • Household foods & nutritional security
4	Bargarh	Padampur	Ammunda	Paddy, Pigeonpea, Mustard, Dairy	• **Less Profit due to low yield in groundnut sole crop** • **Poor availability of quality seeds of pigeon pea** • **Poor yield of greengram due to traditional practices** • Food and Nutritional insecurity in farming community • **High degree of drudgery on fam women**	• Intercropping in groundnut • CRP in pigeonpea • IDM in greengram • Household foods & nutritional security • Drudgery reduction
5	Bargarh	Attabira	Jhiliminda	Paddy, vegetables, Mushroom, Duckery ,Fishery	• Low yield and non availability of location specific drought tolerant Rice Variety • Poor yield due to incidence of Sheath rot disease of Rabi paddy • Low return from brinjal due to pest & disease incidence • Food and Nutritional insecurity in farming community • Poor utilisation of agro- by products • Poor availability of compost • Low return from local poultry • Less return from pond	• Varietal evaluation of paddy • IDM in paddy • Ipm in brinjal • Varietal evaluation of brinjal • Drudgery reduction • Household foods & nutritional security • Mushroom production • Vermicompost producton • Poultry management • Yearling production

2. c. Details of village adoption programme:
Name of the villages adopted by PC and SMS (2020-21) for its development and action plan

Name of village	Block	Action taken for development
Cheptibahal	Sohela	• Introduction of drought tolerant Rice variety Swarna Shreya in transplanted Rainfed Medium land • Popularisation of Blast resistant Paddy variety in Bargarh District • Popularization of sweet corn for more income • Assessment of suitability of different tomato varieties for preparation of tomato puree. • Demonstration of IPM in Brinjal in Organic way • Demonstration and seed production of HYV of Sesamum (Smarak) • Demonstration of Nutritional Garden for Improving Nutritional Security of farm family • Popularisation of wilt resistant brinjal var. Arka Anand • Method Demonstration on women friendly tools for drudgery reduction (G.nut decorticator,cycle weeder,drumseeder
Dechuan	Ambabhona	• Assessment of High Yielding varieties of Wheat for Irrigated Medium land • Popularisation of Blast resistant Paddy variety in Bargarh District • Demonstration/Popularization of IPM strategy against YMV Disease of greengram • CFLD on mustard • Assessment of chilli varieties against leaf curl virus disease • Demonstration of IDM Practices against Bacterial wilt in tomato • Demonstration of Nutritional Garden for Improving Nutritional Security of farm family • Method Demonstration on women friendly tools for drudgery reduction (G.nut decorticator,cycle weeder,drumseeder
Birmal	Bargarh	• Popularisation of Blast resistant Paddy variety in Bargarh District • Assessment of Package of practices for YSB management in direct seeded rice (DSR) • Popularisation of Mechanical weeder in line transplanted paddy • CFLD on Pigeonpea • Demonstration of IDM Practices against Bacterial wilt in tomato • Demonstration on Suitable planting dates of potato • Method Demonstration on women friendly tools for drudgery reduction (G.nut decorticator,cycle weeder,drumseeder) • Demonstration of Nutritional Garden for Improving Nutritional Security of farm family
Ammunda	Padampur	• Assessment of Groundnut + finger millet(2:1) intercropping for higher productivity &efficiency under rainfed condition • Assessment of effectiveness of different models of seed production programs

Name of village	Block	Action taken for development
		• Demonstration of Nutritional Garden for Improving Nutritional Security of farm family • Demonstration/Popularization of IPM strategy against YMV Disease of greengram • Popularisation of Blast resistant Paddy variety in Bargarh District • Metod Demonstration on groundnut decorticator & impoved sickle • CFLD on pigeon pea
Jhiliminda	Attabira	• Introduction of drought tolerant Rice variety Swarna Shreya in transplanted Rainfed Medium land • Demonstration of IDM practices against Sheath rot of rabi Rice • Demonstration of IPM in Brinjal in Organic way • Popularisation of wilt resistant brinjal var. Arka Anand • Demonstration of Nutritional Garden for Improving Nutritional Security of farm family • Demonstration on production of Paddy straw mushroom with threshed straw • Method demonstration on Vermicompost production • Method demonstration on Rearing management of duckery • Method demonstration on Yearling production

2.1 Priority thrust areas

1.	Introduction of suitable varieties with improved packages of practices
2.	Organic farming
3.	Reclamation of degraded land
4.	Integrated Nutrient Management practices
5.	Integrated Disease and Pest Management Practices
6.	Quality seeds and seedlings production
7.	Skill/enterprise related technology for rural youths
8.	Value addition in seasonal vegetables
9.	Integrated farming system
10.	Rearing management of animals & birds
11.	Farm Mechanization
12.	Off season vegetable cultivation
13 .	High degree of drudgery of farm women
14	Poor nutritional status of farming community

3. TECHNICAL ACHIEVEMENTS

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

OFT													FLD										
No. of technologies tested:													No. of technologies demonstrated:										
Number of OFTs		Number of farmers											Number of FLDs		Number of farmers								
Target	Achievement	Target	Achievement										Target	Achievement	Target	Achievement							
			SC		ST		Others		Total							SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T					M	F	M	F	M	F	M	F	T
8	8	56	15	7	8	1	19	6	42	14	56		14	14	140	36	13	21	7	43	20	100	40	140

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
76	76	1740	471	689	74	140	141	225	686	1054	1740		1600	1642	100000	12015	6250	8250	4268	91740	11964	112005	22482	133487

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
1740	1740	452	639	68	125	137	189	657	953	1610	100000	132025	12000	5700	8100	3950	88400	12100	108500	21750	130250

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
180	182.2	50000	51964

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
4700	4700	120	120

* 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	1						
Books							
Bulletins	4	3000					
News letter	1	1000					
Popular Articles							
Book Chapter							
Extension Pamphlets/ literature	1	1000					
Technical reports	4	10					
Electronic Publication (CD/DVD etc)							
TOTAL							

Achievements on technologies assessed and refined

OFT-1

1.	Title of On Farm Trial	**Assessment of Package of practices for YSB management in direct seeded rice (DSR)**
2.	Problem diagnosed	Low yield of Direct seeded rice due to attack of stem borer
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP-Seed treatment of Vitavax power (Carboxin 37.5% +Thiaram37.5%) @ 2.5gm/k seed TO 1-ST of imidacloprid 70 WS @ 5ml/kg seed + Flubendiamide 240 SC+Thiachloprid 240 SC @ 300 ml/ha TO2-ST With Carbosulfan 25 EC @5ml/kg of seeds followed by spraying of Spinetoram 6%+ Methoxyfenozide30SC@375ml/ha
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	NRRI,CUTTACK
5.	Production system and thematic area	Rice-pulse- Fallow & IPM
6.	Performance of the Technology with performance indicators	Deadheart/m^2, yield(q/ha),B:C
7.	Final recommendation for micro level situation	ST of imidacloprid 70 WS @ 5ml/kg seed + Flubendiamide 240 SC+Thiachloprid 240 SC @ 300 ml/ha is effectively controlled the YSB in DSR
8.	Constraints identified and feedback for research	Available of pesticide is less in local market.
9.	Process of farmers participation and their reaction	Field day, Group involvement in crop management & farmers are happy because YSB is effectively controlled.

Thematic area: IPM

Problem definition: **Low yield of Direct seeded rice due to attack of stem borer**

Technology assessed:

TO 1-ST of imidacloprid 70 WS @ 5ml/kg seed + Flubendiamide 240 SC+Thiachloprid 240 SC @ 300 ml/ha

TO2-ST With Carbosulfan 25 EC @5ml/kg of seeds followed by spraying of Spinetoram 6%+ Methoxyfenozide30SC@375ml/ha

Table:

Technology option	No. of trials	Yield component **Deadheart/m^2**	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
FP	7	35	**23.78**	**40310**	**46800**	**6490**	**1.16**
TO1	7	10	**34.23**	**52350**	**66750**	**14400**	**1.27**
TO2	7	9.4	**32.45**	**51520**	**62890**	**11370**	**1.22**

OFT-2

1.	Title of On Farm Trial	**Assessment of chilli varieties against leaf curl virus disease**
2.	Problem diagnosed	Poor yield of Chilli due to leaf curl disease
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP : LOCAL VARITY-Krishan,(VNR),spraying of Imidachloprid 17.8sl@0.3ml/lit TO1::ARKA Tejasvi(IIHR2021),yield potential100q green,20q dry/acre, Tolerant to leafcurl virus, Seed treatment with Imidachloprid 600FS @ 5ml /kg seed and Foliarspraying of spiromesifen 22.9%SC @ 1 ml/ l of water twice at 30and 45 DAT TO2::KASHI ABHA(IIVR2019), yield potential80q green,15q dry/acre, dry/acre,Resistant to leafcurl virus Seed treatment with Imidachloprid 600FS @ 5ml /kg seed and Foliarspraying of spiromesifen 22.9%SC @ 1 ml/ l of water twice at 30and 45 DAT
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	IIHR,Bangalure
5.	Production system and thematic area	Vegetable-vegetable-fallow& IDM
6.	Performance of the Technology with performance indicators	% of curled leaves 45DAS, fruits/plant, Yield dry chilly(q/ha)
7.	Final recommendation for micro level situation	Arka Tejasvi is the suitable variety for controlling leaf curl virus
8.	Constraints identified and feedback for research	Seed availability is less
9.	Process of farmers participation and their reaction	Active participation, Individual contact, field visit, Farmer are happy but they are skeptical about the availability of seeds.

Thematic area: IPM

Problem definition: **Poor yield of Chilli due to leaf curl disease**

Technology assessed:

TO-1**ARKA Tejasvi(IIHR2021**),yield potential100q green,20q dry/acre, Tolerant to leafcurl virus, Seed treatment with Imidachloprid 600FS @ 5ml /kg seed and Foliarspraying of spiromesifen 22.9%SC @ 1 ml/ l of water twice at 30and 45 DAT

TO2::KASHI ABHA(IIVR2019), yield potential80q green,15q dry/acre, dry/acre,Resistant to leafcurl virus Seed treatment with Imidachloprid 600FS @ 5ml /kg seed and Foliarspraying of spiromesifen 22.9%SC @ 1 ml/ l of water twice at 30and 45 DAT

Table:

Technology option	No. of trials	Yield component		Yield dry chilli (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		% of curled leaves45DAS	Fruits/plant					
FP	7	12.3	178	14.50	75300	157950	82650	2.09
TO1	7	1.53	213	15.36	65600	154340	88740	2.35
TO2	7	2.45	197	12.8	69800	128230	58530	1.83

OFT-3

1.	Title of On Farm Trial	**Assessment of Groundnut + finger millet(2:1) intercropping for higher productivity & efficiency under rainfed condition**
2.	Problem diagnosed	Less Profit due to low yield in groundnut sole crop
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP-Less profit due to only groundnut cultivation or only millet (Sole Crop) TO1-Groundnut + P.pea (6:2) intercropping TO2- Groundnut + finger millet (2:1) intercropping for higher efficiency in productivity and LER
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICRISAT, 2018
5.	Production system and thematic area	Groundnut/Millet/p.pea-fallow
6.	Performance of the Technology with performance indicators	LER(Yg/Sg+Yr/Sr), yield(q/ha)
7.	Final recommendation for micro level situation	Groundnut + P.pea (6:2) intercropping is more productive.
8.	Constraints identified and feedback for research	Repetition of OFT is required in more rows pattern
9.	Process of farmers participation and their reaction	Individual contact, field visit, Telephonic contact Farmer are happy as their income is more than earlier due to intercropping.

Thematic area: ICM

Problem definition: **Less Profit due to low yield in groundnut sole crop**

Technology assessed:

TO1-Groundnut + P.pea (6:2) intercropping

TO2- Groundnut + finger millet (2:1) intercropping for higher efficiency in productivity and LER

Table:

Technology option	No. of trials	Yield component LER(Yg/Sg+Yr/Sr)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
FP	7		**7.2 G.nut 5.5 Ragi**	**26500**	**40900**	**14400**	**1.54**
TO1	7	**1.73**	**8.5 G.nut 5.5 P.pea**	**26500**	**40900**	**14400**	**1.54**
TO2	7	1.26	**5.8 Gnut 2.5 Ragi**	**26500**	**40900**	**14400**	**1.54**

OFT-4

1.	Title of On Farm Trial	**Assessment of suitable varieties for value added products (Puree) of Tomato**
2.	Problem diagnosed	Distress sale and spoilage due to high perishability nature of tomato
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP-Value added product of local variety TO1-Value added product of tomato Var- ArkaVishesh TO2-Value added product of tomato Var- ArkaApeksha
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	IIHR,Bengaluru,2019
5.	Production system and thematic area	Homestead & value addition
6.	Performance of the Technology with performance indicators	Amount of pulp(%), consistency TSS(BRIX),B:C ratio
7.	Final recommendation for micro level situation	Arka Apekshya is the most suitable variety for processing
8.	Constraints identified and feedback for research	Availability of quality seeds of the recommended variety
9.	Process of farmers participation and their reaction	Actively participated in both crop management & preparation of value added products. The shelf life of the fruit attracted the farm women & they were happy by getting more puree due to high pulp content.

Thematic area: value addition
Problem definition: Distress sale and spoilage due to high perishability of tomato

Technology assessed: FP-Value added product of local variety
TO1-Value added product of tomato Var- ArkaVishesh
TO2-Value added product of tomato Var- ArkaApeksha

Table:

Technology option	No. of trials	Yield component			Gross cost of intervention (Rs)	Gross return (Rs/)	Net return (Rs./	BC ratio
		Yield (q/ha)	TSS (^{0} Brix)	Conversion Puree (%)				
FP-	7	253	4.1	26	1708	232340	632	1.37
TO1-	7	312	4.4	34	1732	3060	1328	1.76
TO2-	7	326	4.5	36	1738	3240	1502	1.86

OFT-5

1.	Title of On Farm Trial	**Assessment of poultry breed in backyard**
2.	Problem diagnosed	Low income from rearing of non-descriptive desi poultry breed
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP- Backyard rearing of desi birds TO1-Backyard rearing of poultry breed "Kaveri" with balanced feeding, vaccination T02-Backyard rearing of poultry breed "Kalinga Brown" with balanced feeding, vaccination
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CPDO & KVK,Anjaw,ICAR-RCfor NEH region, Arunchal Pradesh,2017
5.	Production system and thematic area	Backyard poultry & Homestead
6.	Performance of the Technology with performance indicators	Adult Body weight (k.g), annual egg production
7.	Final recommendation for micro level situation	Rearing of Kalinga brown is more profitable than other breed
8.	Constraints identified and feedback for research	Availablity of chicks.Research can be done for developing poultry bird having more body wt. with more egg laying capacity
9.	Process of farmers participation and their reaction	Individual contact, field visit, Telephonic contact Farm women were happy as they got more eggs from the Kalinga brown breed.

Thematic area: IGA
Problem definition: **Low income from rearing of non-descriptive desi poultry breed**

Technology assessed:
TO1-Backyard rearing of poultry breed "Kaveri" with balanced feeding, vaccination
T02-Backyard rearing of poultry breed "Kalinga Brown" with balanced feeding, vaccination

Table:

Technology option	**No. of trials**	**Yield component**	**Adult bird Body weight (Kg)**	**Cost of Rearing (Rs./20-birds)**	**Gross return (Rs/ha)**	**Net return (Rs./ha)**	**BC ratio**
		Egg production (No.)/ 10 months					
FP	7	**17**	**1.460**	**5600**	**11078**	**5478**	**1.97**
TO1	7	**37**	**2.320**	**5880**	**15374**	**9494**	**2.61**
TO2	7	**52**	**2.180**	**5980**	**16204**	**10224**	**2.7**

OFT-6

1.	Title of On Farm Trial	**Assessment of High Yielding varieties of Wheat for Irrigated Medium land**
2.	Problem diagnosed	Cultivation of low yielding wheat variety
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP-Cultivation of wheat variety (HD 2894) TO1-RVW 4106 .It matures in 105-110days, Resistant to black and brown rust disease , Average Yield Potential-5.0q/ha TO2-CG 1023. It matures in 105-115days, recorded chapatti making quality, Zn content is High , Average Yield Potential-4.7q/ha
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	RVSKVV, Gwalior,2011 IGKV Raipur 2018 IGKV Raipur 2020
5.	Production system and thematic area	Rice-Rice & Irrigated Medium land
6.	Performance of the Technology with performance indicators	Plant ht at harvest ,yield(q/ha)
7.	Final recommendation for micro level situation	RVW 4106 can be cultivated for interested wheat growing farmers.
8.	Constraints identified and feedback for research	Poor avilablity of quality seed
9.	Process of farmers participation and their reaction	Field day, Group involvement in crop management.Profit / hectare is less than expected

Thematic area: ICM
Problem definition: **Cultivation of low yielding wheat variety**

Technology assessed:
TO1-RVW 4106 .It matures in 105-110days, Resistant to black and brown rust disease , Average Yield Potential-5.0q/ha
TO2-CG 1023.It matures in 105-115days, recorded chapatti making quality, Zn content is High , Average Yield Potential-4.7q/ha

Table:

Technology option	**No. of trials**	**Yield component**	**Yield (q/ha)**	**Cost of cultivation (Rs./ha)**	**Gross return (Rs/ha)**	**Net return (Rs./ha)**	**BC ratio**
		Plant ht at harvest (cm.)					
FP	7	**87.3cm**	**19.9**	**25200**	**29850**	**4650**	**1.18**
TO1	7	**85.2cm**	**26.5**	**26300**	**39750**	**13450**	**1.51**
TO2	7	**81.1cm**	**21.8**	**25960**	**32700**	**6720**	**1.25**

OFT-7

1.	Title of On Farm Trial	**Assessment of performance of grafted brinjal under different spacing**
2.	Problem diagnosed	High Wilting in Hybrids of Brinjal
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP-Planting of Hybrid Brinjal VNR-218,Plant at 1m X 2 m TO-1Planting of Grafted Brinjal Plant at 1m X 1 m TO-2Planting of Grafted Brinjal Plant at 1.5m X 1.5 m
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TNAU2017
5.	Production system and thematic area	Vegetable –fallow & HOV
6.	Performance of the Technology with performance indicators	Seedling mortality (%),Yield q/ha,
7.	Final recommendation for micro level situation	It needs repetition for more accuracy of data.
8.	Constraints identified and feedback for research	Availabilty of grafted seedlings in local market. Finding exact days of planting after grafting being done/days old grafts
9.	Process of farmers participation and their reaction	Actively participated both physically and over phone& less prefered due to poor plant growth .

Thematic area: HOV
Problem definition: **High Wilting in Hybrids of Brinjal**

Technology assessed:
TO-1Planting of Grafted Brinjal Plant at 1m X 1 m
TO-2Planting of Grafted Brinjal Plant at 1.5m X 1.5 m

Table:

Technology option	No. of trials	Yield component		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Seedling mortality (%)	No of fruits/plant					
FP	7	18.7	23	154.3	93200	154300	61100	1.65
TO1	7	3..5	8	113.5	98000	113500	15500	1.15
TO2	7	2.9	13	124.3	99500	124300	24800	1.24

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.	Rice	IDM	Growning of Rice var. CR Dhan 602 having duration 120-125 days having blast tolerance. Yield Potential 4.5t/ha in medium irrigated land	2.0	2.0	1	1	1		7		9	1	10	
2.	RICE	ICM	Growing of var. Swarna Shreya Medium Duration (120-125), Aerobic Rice variety, withstand drought, average productivity4.5-6.0t/ha, under severe drought-2.o-2.5t/ha	2.0	2.0	10						10		10	
3.	RICE	IWM	Weeding is done by power weeder	2.0	2.0	1	1	1	1	3	3	5	5	10	
4.	RICE	IDM	ST with P. fluorescens @ of 10g/kg of seed followed by seedling dip @ of 2.5 kg dissolved in 100 litres &dipping the seedlings for 30 minutes. Foliar spraying with Azoxystrobin 23SC @ 1ml/ha for controlling sheath rot in paddy.	2.0	2.0	2	0	2	0	6	0	10	0	10	
5.	MAIZE	ICM	sweet corn var-Misti,medium tall (150-155cm),lodging resistant,yield-9.5-10.5 t/ha,Spacing 75cmx45cm,STBF	2.0	2.0	10	0	0	0	0	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	RF	SL	365	42	280	FALLOW	23.06.2022	10.10.2022	1094	43
RICE	KHARIF	RF	SL	354	45	310	GREENGRAM	30.06.2022	23.10.20222	1094	43
RICE	KHARIF	IRRIGATED	SL	512	42	320	RICE	28.06.2022	27.11.2022	1094	43
RICE	RABI	IRRIGATED	CL	546	45	325	RICE	03.01.2023	Continuing	35.2	4
MAIZE	RABI	IRRIGATED	SL	302	41	295	RICE	21.11.2022	28.03.2023	35.2	4

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

Cereals:

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
RICE	IDM	Growning of Rice var. CR Dhan 602 having duration 120-125 days having blast tolerance. Yield Potential 4.5t/ha in medium irrigated land	10	2.0	57.14	50.15	13.94	60000	111150	51138	2.11	61550	97800	36250	1.73
RICE	ICM	Growing of var. Swarna Shreya Medium Duration (120-125), Aerobic Rice variety, withstand drought, average productivity4.5-6.0t/ha, under severe drought-2.o-2.5t/ha	10	2.0	52.5	35.3	48.72	75200	102000	26800	1.36	59335	68835	9500	1.15
RICE	IWM	Weeding is done by power weeder	10	2.0	36	35.5	1.40	48700	70200	21500	1.44	50025	69225	19200	1.38
RICE	IDM	ST with P. fluorescens @ of 10g/kg of seed followed by seedling dip @ of 2.5 kg dissolved in 100 litres &dipping the seedlings for 30 minutes. Foliar spraying with Azoxystrobin 23SC @ 1ml/ha	10	2.0	Contg.										
MAIZE	ICM	sweet corn var-Misti,medium tall (150-155cm),lodging resistant,yield-9.5-10.5 t/ha,Spacing 75cmx45cm,STBF	10	2.0	92.6	87.5	58.28	85300	196840	74000	2.66	56300	112600	56300	2.0
Total			50	10.0											

Oilseeds:

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.	SESSAMUM	ICM	Quality seed production of HYV of sesamum Smarak-80-85days. Golden yellow bold seed, yield potential-8-9q/ha	2.0	2.0	2	0	1	0	5	2	8	2	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 rainydays
				N	P_2O_5	K_2O					
Sessmum	Rabi	Irrigated	SL	452	48.2	350	RICE	20.01.2023	23.04.2023	35.5	4

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
Sessamum	ICM	Quality seed production of HYV of sesamum Smarak-80-85days. Golden yellow bold seed, yield potential-8-9q/ha	10	2.0	6.93	4.56	51.97	48600	69300	20700	1.42	33200	45600	12400	1.37
Total															

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

** BCR= GROSS RETURN/GROSS COST

Pulses

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.	Green gram	IPM	Seed treatment with Imidacloprid 600 FS @ 5 ml/ kg seed + Installation of Yellow Sticky Trap @ 50/ ha + Spraying Neem oil formulation 0.15% @ 2 ml/ l of water at 30 DAS + Diafenthiuron 50% WP @ 1 gm /l at 45 DAS	2.0	2.0	1	0	2	0	7	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 rainydays
				N	P_2O_5	K_2O					
Greengram	RABI	Rainfed	SL	256	48.3	325	RICE	21.11.2022	17..02.2023	0	0

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
GREEN GRAM	IPM	Seed treatment with Imidacloprid 600 FS @ 5 ml/ kg seed + Installation of Yellow Sticky Trap @ 50/ ha + Spraying Neem oil formulation 0.15% @ 2 ml/ l of water at 30 DAS + Diafenthiuron 50% WP @ 1 gm /l at 45 DAS	10	2.0	6.94	4.95	28.94	53800	69400	15600	1.28	39700	49500	9800	1.24

* 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:

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/Demonstration									Reasons forshortfall inachievement
				Proposed	Actual	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
1.	POTATO	ICM	Planting by Nov-15th,well spouted tubers weighing 40 – 50 grams, at 30 cm apart,15 t/ha of FYM and 2 kgeachof *Azospirillum* and *Phosphobacterium* as basal and 120 kg N, 240 kg P and 120 kg K/ha in two splits; half as basal and the balance for top dressing on 30 days after sowing	1	1	3	0	2	0	5	0	10	0	10	
2.	BRINJAL	IDM	Growing of brinjal Hybrid var. Arka Anand Planting the seedling at 75cm X 75cm m with a fertilizer dose of 200: 100:100 NPK kg/ha	1	1		1		1		8		10	10	
3.	SWEETPOTATO	ICM	Cultivation of bio-fortified Var. Bhu Sona. Orange colur, Provitamin -A-14.0 mg/100g, Total sugar-2.0-2.4%) Vine cuttings- 80 ,000 no. /ha, spacing-60 c.mX 20c.m	1	1		2		2		6		10	10	
4.	WATER MELON	ICM	watermelon seedlings prepared in polythene bags (200 gauge,10 cm diameter & 15 cm height). The polythene filled with 1:1:1 soil, sand & FYM. Then transplanted the 12 days old seedling in main field.	1	1	2	0	2	0	6	0	10	0	10	
5	BRINJAL	IPM	Application of Neem cake @ 200 kg/acre + Pheromone trap + Clipping of infested twigs + 4 times spraying of 5 % NSKE	1	1	1	0	1	0	8	0	10	0	10	
6	TOMATO	IDM	Soil application of bleaching powder @ 15 kg/ha at 7 days before transplanting+ Soil amendment with lime (Calcium carbonate) @ 1t/ha 10 days before transplanting + Seedling root dip for 30 minutes in streptocycline solution @ 200ppm/l of water + Soil drenching with 0.3% copper oxychloride thrice at 10 days interval starting from 20 DAT	1	1	0	0	2	0	8	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					
POTATO	RABI	IRRIGATED	SL	365	42	280	RICE	20.11.2022	02.03.2023	0	0
BRINJAL	KHARIF	RAINFED	SL	354	45	310	FALLOW	21.07.2022	21.10.2022	1094	43
SWEETPOTATO	KHARIF	RAINFED	SL	512	42	320	FALLOW	30.06.2022	12.12.2022	1094	43
WATERMELON	RABI	IRRIGATED	CL	546	45	325	RICE	12.01.2023	29.04.2023	35.2	4
BRINJAL	KHARIF	RAINFED	SL	302	41	295	FALLOW	2.07.2022	10.12.2022	1094	43
TOMATO	RABI	IRRIGATED	SL	285	40	280	RICE	25.11.2022	23.03.2023	0	0

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**
POTATO	ICM	Planting by Nov-15th,well spouted tubers weighing 40 – 50 grams, at 30 cm apart,15 t/ha of FYM and 2 kg eachof *Azospirillum* and *Phosphobacterium* as basal and 120 kg N, 240 kg P and 120 kg K/ha in two splits; half as basal and the balance for top dressing on 30 days after sowing	10	1	234.2	182.6	28.25	114.8 Av.fruit wt.gm	92.4	105000	234200	129200	2.23	92000	182600	90600	1.98
BRINJAL	IPM	Growing of brinjal Hybrid var. Arka Anand Planting the seedling at 75cm X 75cm m with a fertilizer dose of 200: 100:100 NPK kg/ha	10	1	293.6	242.4		145.3 Av.fruit wt.gm	135.2	103000	236960	133960	2.3	92000	193320	101720	2.1

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
SWEETPOTATO	ICM	Cultivation of bio-fortified Var. Bhu Sona. Orange colur, Provitamin –A-14.0 mg/100g, Total sugar-2.0-2.4%) Vine cuttings- 80 ,000 no. /ha, spacing- 60 c.mX 20c.m	10	1	172.7	117.4		sensory Evaluation-8	7	117100	259000	141900	2.21	92600	176100	83500	1.91
WATERMELON	ICM	watermelon seedlings prepared in polythene bags (200 gauge,10 cm diameter & 15 cm height). The polythene filled with 1:1:1 soil, sand & FYM. Then transplanted the 12 days old seedling in main field.	10	1	353.4	314.6	12.30	Days to Harvest -112	128	112500	318060	205560	2.82	107000	283140	176140	2.64
BRINJAL	IPM	Application of Neem cake @ 200 kg/acre + Pheromone trap + Clipping of infested twigs + 4 times spraying of 5 % NSKE	10	1	296.2	242.4	23.31	3 % mortality	36	102840	236800	133960	2.3	87680	184400	101720	2.1
TOMATO	IPM	Soil application of bleaching powder @ 15 kg/ha at 7 days before transplanting+ Soil amendment with lime (Calcium carbonate) @ 1t/ha 10 days before transplanting + Seedling root dip for 30 minutes in streptocycline solution @ 200ppm/l of water + Soil drenching with 0.3% copper oxychloride thrice at 10 days interval starting from 20 DAT as IDM Practices against Bacterial wilt in tomato	10	1	198.3	123.2	60.97	125 Av.fruit wt.gm	95	Gross Cost	Gross Return	Net Return	** BCR	81590	123200	45250	1.57

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																	
Cow																	
Buffalo																	
Poultry																	
Rabbitry																	
Pigerry																	
Sheep and goat																	
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	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
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			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Paddy straw mushroom	production of Paddy straw mushroom with crumbled straw(5kg straw, Pulse powder 3%,Soaking period 5hr)	10	10	Yield gm./bed-550	600	(-)08.3	Biological efficiency (%) -12	11	3700/100 bed	8250	4550	2.22	4700	9000	4300	1.91
Button mushroom																
Vermicompost																
Sericulture																
Apiculture																
Others (pl.specify)																

* 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)	Filedobservation (kg/hr)		% change inmajor parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit)			
					Demonstration	Check		Demonstration	Check			Demonstration	Check	Drudgeryreduction(%)	
Finger millet Thresher	Finger millet	Demonstration of Power operated Finger millet thresher for drudgery reduction of Farmwomen -Threshing is done by power operated thresher	10	-	76	24	216.6	Heart rate (beats/min)-94	Heart rate (beats/min)-123			Energy Expenditure (KJ./ min/ kg.) -4.91	Energy Expenditure (KJ./ min/ kg.) -27.09.	81.8	
Mini Dal mill	Green gram	Demonstration of Mini Dal mill for additional income of farmwomen.- Processing is done by use of Mini Dal mill (OUAT-CAET model, Run with single phase 1 hp. motor)	10	-	27	3.4	694	Broken dal (%)-6	18	Recovery (%)-73	61	Net profit (Rs./ 1q. of seed**)-3075**	1515	1.43	1.19

*** 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

Crop	Name of theHybrid	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										

Crop	Name of theHybrid	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
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	Low tillering and more yield of Swarn shreya liked by farmers.
2	Brinjal	Farmer like the Arka anand variety due to yield and wilt resistant
3	Tomato	Bacterial wilt is effectively controlled.
4	Watermelon	Less seed rate in transplanting method attracted the farmers
5.	Maize-Sweet corn	Sweetness attracted and developed more interest
6	Brinjal	No wilting and no fruit Borer attack liked by farmer and wanted to know source of seed.
7	Sweet potato	Farmer liked color and size of tubers.
8	Potato	Early harvest fetched more price realized
9	Finger millet thresher	Threshing costper quitantal has reduced to a great extent

Extension and Training activities under FLD

Sl.No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	9.12.22, 8.1.23 12.1.23 23.3.23	8	370	Brinjal var, Arka Anand, Transplanting method of watermelon.
2.	Farmers Training	8.8.22, 14.9.22 16.11.22, 25.01.23	14	350	Improved cultivation of green gram,swarna shreya, sweet corn
3.	Media coverage	13.03.23	1	Mass	Importance of millet cultivation
4.	Training for extension functionaries	15.02.23	1	15	Advance techniques in crop production

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2021-22 and Rabi 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 gapminimized(%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Pigeon pea Var.PRG-176	Kandula	5.86	5.50	4.86	1200	**HYV SEED-PRG-176,** Line sowing behind plough60cmx30cm, Seed treatment with Rhizobium culture@20gm/kg seed,STBFSpraying of Hormone Planofix@1ml/4.5lit,spraying of pesticideProphenophos50EC@2ml/lit.	85	20	10.09	7.19	8.64	100	100	72
2	Pigeon pea Var.LRG-52	Rahadi	5.73	5.50	4.86	2100	**HYV SEED-LRG-52,** Line sowing behind plough60cmx30cm, Seed treatment with Rhizobium culture@20gm/kg seed,STBFSpraying of Hormone Planofix@1ml/4.5lit,spraying of pesticideProphenophos50EC@2ml/lit	73	20	11.65	8.62	10.64	100	100	50.66

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	**Pigeon pea-** HYV SEED-PRG-176,Line sowing behind plough60cmx30cmSeed treatment with Rhizobium culture@20gm/kg seed, STBFSpraying of Hormone Planofix@1ml/4.5lit, spraying of pesticideProphenophos50EC@2ml/lit.	40700	57600	16900	1.41	65520	95040	29520	1.45
2	**Pigeon pea-** HYV SEED-LRG-52,,Line sowing behind plough60cmx30cmSeed treatment with Rhizobium culture@20gm/kg seed, STBFSpraying of Hormone Planofix@1ml/4.5lit, spraying of pesticideProphenophos50EC@2ml/lit.	42700	57600	15900	1.38	67400	106400	39000	1.57

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/household)
1	**Pigeon pea-** HYV SEED-PRG-176,Line sowing behind plough, 60cmx30cmSeed treatment with Rhizobium culture@20gm/kg seed, STBFSpraying of Hormone Planofix@1ml/4.5lit, spraying of pesticideProphenophos50EC@2ml/lit.	17280	150	100	1700	1360	Labourpayment,payment of fertilizer and pesticides dues and purchase of insurance policy	32
2	**Pigeon pea-** HYV SEED-LRG-52,,Line sowing behind plough60cmx30cmSeed treatment with Rhizobium culture@20gm/kg seed, STBFSpraying of Hormone Planofix@1ml/4.5lit, spraying of pesticideProphenophos50EC@2ml/lit.	21301	190	110	2000	1590	Labourpayment,payment of fertilizer and pesticides dues	30

D. 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	**Pigeon pea-** HYV SEED-PRG-176, Line sowing behind plough, 60cmx30cmSeed treatment with Rhizobium culture@20gm/kg seed, STBFSpraying of Hormone Planofix@1ml/4.5lit, spraying of pesticideProphenophos50EC@2ml/lit.	ideal	KVK, State Agri.Dept, ICAR, NGO,Input dealer	Manageable	No	yes	Use of machineries for grading of seeds, Need for Procurment of produce from farmers at MSP through RMCs
2.	**Pigeonpea-**HYVSEED-LRG-52,,Line-sowingbehind plough60cmx30cmSeed treatment with Rhizobium culture@20gm/kg seed, STBFSpraying of Hormone Planofix@1ml/4.5lit, spraying of pesticideProphenophos50EC@2ml/lit.	ideal	KVK, State Agri.Dept, ICAR, NGO,Input dealer	Manageable	No	yes	Use of machineries for grading of seeds, Need for Procurment of produce from farmers at MSP through RMCs

E.Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Pigeon pea- HYV SEED-PRG-176, Line sowing behind plough, 60cmx30cmSeed treatment with Rhizobium culture@20gm/kg seed, STBFSpraying of Hormone Planofix@1ml/4.5lit, spraying of pesticideProphenophos50EC@2ml/lit.	Pods/plant Plant height Test weight(gm)	139 (Demo), 94 (Check) 247 cm (Demo) , 254 cm. (Check) 74.5gm(Demo) 61 gm(Check)	Seed size in demo plots are at par with check varieties.
Pigeon pea- HYV SEED-LRG-52,,Line sowing behind plough60cmx30cmSeed treatment with Rhizobium culture@20gm/kg seed, STBFSpraying of Hormone Planofix@1ml/4.5lit, spraying of pesticideProphenophos50EC@2ml/lit.	Pods/plant Plant height Test weight(gm)	184 (Demo), 96 (Check) 287 cm (Demo) , 259 cm. (Check) 84.3gm(Demo) 61 gm(Check)	Seed size in demo plots are bigger than check varieties.

F.Extension activities under FLD conducted till dates:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
	PIGEONPEA		
1	Awarness camp on Integrated crop management of Kharif pigeon pea	Dt .05.07.2022 Vill/GP:Bandenbahal,Block; Shohella Dt.14.07.2022village:Rengalipadar, GP; Pada, Block:Bijepur, Dt.20.07.2022village:Dechuan, GP;Banjipalli, Block:Ambabhona Dist:Bargarh,Odisha	90
2	Field visit	Dt 07.07.2022. Vill/GP:Bandenbahal,Block; Shohella Dt19.08.2022.village:Rengalipadar, GP; Pada, Block:Bijepur, Dt20.09.2022.village:Dechuan, GP;Banjipalli, Block:Ambabhona Dist:Bargarh,Odisha	95
3	Group meeting	Dt . 07.07.2022 Vill/GP:Bandenbahal,Block; Shohella Dt.19.08.2022village:Rengalipadar, GP; Pada, Block:Bijepur, Dt21.10.2022.village:Dechuan, GP;Banjipalli, Block:Ambabhona Dist:Bargarh,Odisha	86
4	Field day	Vill/GP:Bandenbahal,Block; Shohella, Dist:Bargarh,Odisha	100

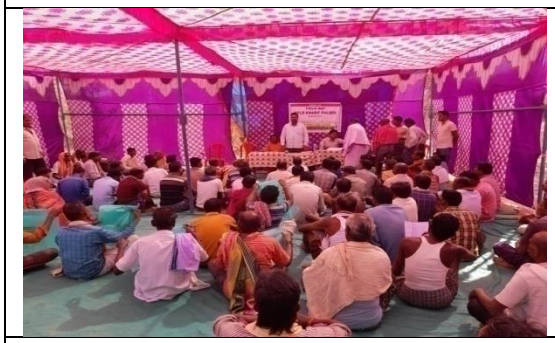
G. Sequential good quality photographs (as per crop stages i.e. growth & development)

		
Distribution of pigeon pea seeds at village:Rengalipadar, GP; Pada, Block:Bijepur,Dist:Bargarh,Odisha	Standing pigeon pea crop at maturity stageat at village:Rengalipadar, GP; Pada, Block:Bijepur,Dist:Bargarh,Odisha	Threshing of harvested P.pea Farmers training at Vill/GP:Bandenbahal,Block; Shohella, Dist:Bargarh,Odisha

H. Farmers' training photographs

	
Farmers training at village:Rengalipadar, GP; Pada, Block:Bijepur,Dist:Bargarh,Odisha	Farmers training at Vill/GP:Bandenbahal,Block; Shohella, Dist:Bargarh,Odisha

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

		
	Demonstration of Line sowing inside KVK,Bargarh campus	
		
Field day on CFLD Pigeonpea at Vill/GP:Bandenbahal,Block; Shohella, Dist:Bargarh,Odisha,&Demonstration of Grain pro super bag for storing P.pea		

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received(Rs.)	Budget Utilization(Rs.)	Balance(Rs.)
Pigeonpea	i) Critical input	123840	123840	0
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day)			
	iv) Publication of literature			
	Total			
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day)			
	iv) Publication of literature			
	Total			

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	Sessamum	Raes	2.76	250	242	800	Smarak _ Line sowing behind plough 30 cm x 10 cm, Seed treatment with Vitavax Power @ 2.5 gm/kg seed, STBF, Application of Phospho-Gypsum @ 2.5Q/Ha. Spraying of Indoxacarb 14.5 SC @ 1ml/litre of water, Spraying of Carbendazim 12 % % plus Mancozeb 63 % @ 3 gm /Lit of water	60	20	5.8	4.4	5.12	100	100	64

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	Smarak, Line sowing behind plough 30 cm x 10 cm, Seed treatment with Vitavax Power @ 2.5 gm/kg seed, STBF, Application of Phospho-Gypsum @ 2.5Q/Ha. Spraying of Indoxacarb 14.5 SC @ 1ml/litre of water, Spraying of Carbendazim 12 % % plus Mancozeb 63%@3gm /Lit of water	18200	22080	4000	1.22	22300	40960	18660	1.83

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	Sessamum Var.Smarak	10260	145	80	1220	1225	Labour Payment,loan payment,purchase of grocery,clothes for family members,school uniform for children etc.	19

D. Oil seed 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	Smarak ,Line sowing behind plough 30 cm x 10 cm, Seed treatment with Vitavax Power @ 2.5 gm/kg seed, STBF, Application of Phospho-Gypsum @ 2.5Q/Ha. Spraying of Indoxacarb 14.5 SC @ 1ml/litre of water, Spraying of Carbendazim 12 % % plus Mancozeb 63%@3gm /Lit of water	ideal	KVK, State Agri.Dept, NGO, Input dealer	Good	No	yes	Purchase of oilseeds by RMCs. .

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Sessamum Var. Smarak, duration 75 days ,Bold seeded ,Light Brown seeds, Thin seed coat, Draught tolerant,	**Pods/plant** **Plant height**	Av 149pods/plant(Demo) 91pods/plant(check) Av 96cm(Demo) 112cm (check)	Better pods /plant in line sown crop than broadcasted one.Seed Size of local var. is bigger than HYV supplied.

F. Extension activities under FLD conducted till dates:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
	Sessamum		
1	Field visit	07.07.2022,21.8.2022, ,Shohella ,Bhatli,	29
2	Group meeting	12.09.2022, 27.10.2022Sadhupalli &Shohella	50
3	Awareness Camp	04.08.2022,09.08.2022,Hatisar	40
1	Field day-cum-Exposure visit	20.10.2022Hatisar	25

G. Sequential good quality photographs (as per crop stages i.e. growth & development) **H. Farmers' training photographs**

Distribution of input,Sessame Crop at seedling stage in **vill:**Sadhupalli,Block:Shohella**, Bargarh, Odisha**

Farmers training at **vill:**Sadhupalli,Block:Shohella**,Bargarh,Odisha**

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

Line sown Sessame crop at maturity stage& during winnowing &cleaning in village Hatisar ,Block:Bhatli,Bargarh

J. Details of budget utilization

Crop(provide crop wise information)	Items	BudgetReceived(Rs.)	BudgetUtilization(Rs.)	Balance(Rs.)
Sessamum var.Smarak	i) Critical input		79780	
	ii) TA/DA/POL etc. for monitoring		9020	
	iii) Extension Activities (Field day)		11200	
	iv)Publication of literature			
	Total	100000(Yet to be received)	100000	0

A.Technical Parameters:

Sl. No.	Crop demon strated	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	Mustard	Kujisorisha	5.69	321	550	1381	**HYV: Var: SUSHREE**Line sowing behind plough 45cm x 10 cm, Seed treatment with Vitavax power 9 (Carboxin 37.5% + Thiram 37.5%) @ 2.5 /kg seed, STBF, Application of Spraying of Imidachloprid 17.8SL @ 0.3 ml ml/litre of water, Spraying of Carbendazim 12%% plus Mancozeb 63 % @ 3 gm /Lit of water & spraying of Sulphur 80 WP @ 5 gm /lit of water	25	10	8.06	6.0	7.03	100	100	50.09

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		GrossCost (Rs/ha)	Grossreturn (Rs/ha)	NetReturn (Rs/ha)	B:C ratio	GrossCost (Rs/ha)	Grossreturn (Rs/ha)	NetReturn (Rs/ha)	B:C ratio
1	**Mustard HYV: Var: SUSHREE,** Line sowing behind plough 45cm x 10 cm, Seed treatment with Vitavax power 9 (Carboxin 37.5% + Thiram 37.5%) @ 2.5 /kg seed, STBF, Application of Spraying of Imidachloprid 17.8SL @ 0.3 ml ml/litre of water, Spraying of Carbendazim 12%% plus Mancozeb 63 % @ 3 gm /Lit of water & spraying of Sulphur 80 WP @ 5 gm /lit of water	22000	38400	16400	1.74	29000	56240	27240	1.93

c. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	SellingRate (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	**SUSHREE**	7000	220	80	1200	260	Labour Payment, loan payment, purchase of grocery, clothes for family members, school uniform for children purchase of ornaments etc.	18

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	**Mustard, HYV: SUSHREE,** Line sowing behind plough 45 cm x 10 cm, Seed treatment with Vitavax power 9 (Carboxin 37.5% + Thiram 37.5%) @ 2.5 /kg seed, STBF, Application of Spraying of Imidachloprid 17.8SL @ 0.3 ml ml/litre of water, Spraying of Carbendazim 12%% plus Mancozeb 63 % @ 3 gm /Lit of water & spraying of Sulphur 80 WP @ 5 gm /lit of water	ideal	KVK,State Agri.Dept,ICAR,NGO,Input dealer	Good	No	yes	Procurement through RMC, Establishment oil mill in the district

E.Specific Characteristics of Technology and Performance

Specific Characteristic	**Performance**	**Performance of Technology vis-a vis Local Check**	**Farmers Feedback**
Mustard, **HYV: Var: SUSHREE**,Non lodging and Non shattering,maturity 75-83 days,Brown red color seeds,dwarf stature and profuse branching,high oil content 42.15%.	Pods/plant Plant height	Av 27pods/plant(Demo), 14pods/plant(check) Av 76cm(Demo), 74cm (check)	• No aphid problem

F.Extension activities under FLD conducted till dates:

Sl. No.	**Extension Activities organized**	**Date and place of activity**	**Number of farmer attended**
1	**Mustard**		
	Field visit	10.12.2022,Ludupalli,Ambabhona.	42
	Group meeting	28.11.2022, 27.12.2022,Bhukta,Kahneipalli, Ambabhona	27
	Awareness Camp	09.11.2022, Ambabhona,Lakhanpur	40
	Field day-cum-Exposure visit	Ambabhona	50

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

	
Mustard crop at flowering stage, at village ;Ludupalli, Block:Ambabhona.Bargarh	**Mustard crop at harvesting stage at village ; Ludupalli, Block:Ambabhona.Bargarh**

G. Farmers' training photographs



Farmers Training programme and distribution of inputs at Ambabhona,Dist:Bargarh,Odisha

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


Field Visit Rabi Mustard village :Ludupalli,Block-Ambabhona,Dist-Bargarh, Odisha

J.Details of budget utilization

Crop(provide crop wise information)	Items	Budget Received(Rs.)	BudgetUtilization(Rs.)	Balance(Rs.)
Mustard	i) Critical input	45000	45000	0
	ii) TA/DA/POL etc. for monitoring	4000	4000	0
	iii) Extension Activities (Field day)	11000	11000	0
	iv)Publication of literature			0
	Total	60000	60000	0

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

A) Farmers and farm women (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management													
Soil & water conservation													
Integrated nutrient Management													
Production of organic inputs													
Others													
Total													
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off0season vegetables													
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others													
Total (a)													
b) Fruits													
Training and Pruning													

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
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													
Total (b)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition													
Others													
Total (f)													
g) Medicinal and Aromatic Plants													

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													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management													
Integrated water management													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer													
Soil & water testing													
others													
Total													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													

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
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Value addition													
Women empowerment													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													
Others													
Total													
VI. Agril. Engineering													
Farm machinery & its maintenance													
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	1	8	4	12	6	3	9	3	1	4	19	6	25
Total	1	8	4	12	6	3	9	3	1	4	19	6	25
VII. Plant Protection													
Integrated Pest Management	1	-	-	-	19	6	25	-	-	-	19	6	25
Integrated Disease Management	1	-	-	-	13	12	25	-	-	-	13	12	25
Bio0control of pests and diseases													

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 bio control agents and bio pesticides													
Others													
Total	2	-	-	-	32	18	50	--	-	-	32	18	50
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture													
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													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio0agents production													
Bio0pesticides production													
Bio0fertilizer production													
Vermi0compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee0colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													

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													
Mushroom production													
Apiculture													
Others													
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													
Others													
Total													
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL													

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
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													

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 farming													
Seed production													
Production of organic inputs	2	2	3	5	12	13	25	-	-	-	17	13	30
Planting material production													
Vermiculture	2	0	11	11	0	3	3	0	1	1	0	15	15
Mushroom Production	5	0	0	0	0	7	7	0	3	3	0	10	10
Beekeeping													
Sericulture													
Repair and maintenance of farm machinery and implements	1	7	-	7	7	-	7	1	-	1	15	-	15
Value addition													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production	2	0	0	0	0	15	15	0	0	0	0	15	15
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others													
Total	12	9	14	23	19	38	57	1	4	5	32	53	85

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													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Production and use of organic inputs													
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other													
Total													

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	3	5	6	11	33	10	43	10	11	21	48	27	75
Cropping Systems	1	-	-	-	13	12	25	-	-	-	13	12	25
Crop Diversification													
Integrated Farming	2	2	2	4	17	19	36	6	4	10	27	23	50

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
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management													
Soil & water conservation													
Integrated nutrient Management													
Production of organic inputs													
Others	1	2	2	4	12	9	21	-	-	-	15	10	25
Total	7	9	10	19	75	50	125	16	15	31	103	72	175
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Offseason vegetables													
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others													
Total (a)													
b) Fruits													
Training and Pruning													
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													
Total (b)													

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
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition													
Others													
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management													
Integrated water 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 Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer													
Soil & water testing													
others													
Total													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management	3	1	3	4	12	34	46	0	25	25	13	62	75
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies	2	0	6	6	0	44	44	0	0	0	0	50	50
Production of quality animal products													
Others													
Total	5	1	9	10	12	78	90	0	25	25	13	112	125
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	4	0	20	20	0	67	67	0	13	13	0	100	100
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking	1	0	20	20	0	0	0	0	5	5	0	25	25
Gender mainstreaming through SHGs													
Storage loss minimization techniques	2	0	7	7	0	31	31	0	12	12	0	50	50
Value addition	4	0	38	38	0	57	57	0	5	5	0	100	100

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Women empowerment													
Location specific drudgery reduction technologies	2	0	14	14	0	34	34	0	2	2	0	50	50
Rural Crafts													
Women and child care													
Others													
Total	13	0	99	99	0	189	189	0	37	37	0	325	325
VI. Agril. Engineering													
Farm machinery & its maintenance	1	10	4	14	6	1	7	3	1	4	19	6	25
Installation and maintenance of micro irrigation systems	1	8	6	14	6	3	9	2	0	2	16	9	25
Use of Plastics in farming practices	1	6	6	12	6	3	9	2	2	4	14	11	25
Production of small tools and implements	1	10	2	12	6	3	9	2	2	4	18	7	25
Repair and maintenance of farm machinery and implements	1	4	6	10	6	6	12	2	1	3	12	13	25
Small scale processing and value addition	2	18	8	26	12	5	17	4	3	7	34	16	50
Post Harvest Technology	1	-	12	12	-	8	8	-	5	5	-	25	25
Others													
Total	8	56	44	100	42	29	71	15	14	29	113	87	200
VII. Plant Protection													
Integrated Pest Management	6	-	-	-	83	53	136	11	4	14	93	57	150
Integrated Disease Management	4	2	5	7	59	34	93	-	-	-	63	37	100
Bio0control of pests and diseases	1	-	-	-	11	14	25	-	-	-	11	14	25
Production of bio control agents and bio pesticides													
Others	3	2	5	7	30	20	50	12	6	18	45	30	75
Total	14	4	10	14	183	101	304	23	10	32	212	138	350
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture													

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
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													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio0agents production													
Bio0pesticides production													
Bio0fertilizer production													
Vermi0compost production	1	0	0	0	0	25	25	0	0	0	0	25	25
Organic manures production													
Production of fry and fingerlings													
Production of Bee0colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production	4	0	30	30	0	50	50	0	20	20	0	100	100
Apiculture													
Others													
Total	5	0	30	30	0	75	75	0	20	20	0	125	125
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs	1	2	2	4	12	9	21	-	-	-	15	10	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
Mobilization of social capital													
Entrepreneurial development of farmers/youths	1	-	-	-	13	12	25	-	-	-	13	12	25
WTO and IPR issues													
Others	3	7	7	14	22	21	43	10	8	18	43	32	75
Total	5	9	9	18	47	42	89	10	8	18	71	54	125
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others	1	2	2	4	16	5	21	-	-	-	19	6	25
Total	1	2	2	4	16	5	21	-	-	-	19	6	25
XII. Others (Pl. Specify)													
GRAND TOTAL													

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
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production													
Vermiculture													
Mushroom Production													
Beekeeping													
Sericulture													

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
Repair and maintenance of farm machinery and implements	1	6	-	6	8	-	8	1	-	1	15	-	15
Value addition													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others													
Total	1	6	-	6	8	-	8	1	-	1	15	-	15

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	1	7	0	7	6	0	6	2	0	2	15	0	15
Integrated Pest Management	1	3	-	3	7	5	12	-	-	-	10	5	15
Integrated Nutrient 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
Rejuvenation of old orchards													
Protected cultivation technology	1	4	-	4	8	2	10	1	-	1	10	5	15
Production and use of organic inputs													
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization	1	8	0	8	3	1	4	2	1	3	13	2	15
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other	1	1	1	2	7	6	13	-	-	-	9	6	15
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	3	5	6	11	33	10	43	10	11	21	48	27	75
Cropping Systems	1	-	-	-	13	12	25	-	-	-	13	12	25
Crop Diversification													
Integrated Farming	2	2	2	4	17	19	36	6	4	10	27	23	50
Micro irrigation/irrigation													
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													
Soil & water conservation													
Integrated nutrient Management													
Production of organic inputs													
Others	1	2	2	4	12	9	21	-	-	-	15	10	25
Total	7	9	10	19	75	50	125	16	15	31	103	72	175
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off0season vegetables													
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others													
Total (a)													
b) Fruits													
Training and Pruning													
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													
Total (b)													
c) Ornamental Plants													
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
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition													
Others													
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management													
Integrated water management													
Integrated Nutrient Management													
Production and use of organic inputs													

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 of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer													
Soil & water testing													
others													
Total													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management	3	1	3	4	12	34	46	0	25	25	13	62	75
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies	2	0	6	6	0	44	44	0	0	0	0	50	50
Production of quality animal products													
Others													
Total	5	1	9	10	12	78	90	0	25	25	13	112	125
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	4	0	20	20	0	67	67	0	13	13	0	100	100
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking	1	0	20	20	0	0	0	0	5	5	0	25	25
Gender mainstreaming through SHGs													
Storage loss minimization techniques	2	0	7	7	0	31	31	0	12	12	0	50	50
Value addition	4	0	38	38	0	57	57	0	5	5	0	100	100
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
Location specific drudgery reduction technologies	2	0	14	14	0	34	34	0	2	2	0	50	50
Rural Crafts													
Women and child care													
Others													
Total	13	0	99	99	0	189	189	0	37	37	0	325	325
VI. Agril. Engineering													
Farm machinery & its maintenance	1	10	4	14	6	1	7	3	1	4	19	6	25
Installation and maintenance of micro irrigation systems	1	8	6	14	6	3	9	2	0	2	16	9	25
Use of Plastics in farming practices	1	6	6	12	6	3	9	2	2	4	14	11	25
Production of small tools and implements	1	10	2	12	6	3	9	2	2	4	18	7	25
Repair and maintenance of farm machinery and implements	1	4	6	10	6	6	12	2	1	3	12	13	25
Small scale processing and value addition	2	18	8	26	12	5	17	4	3	7	34	16	50
Post Harvest Technology	1	-	12	12	-	8	8	-	5	5	-	25	25
Others	1	8	4	12	6	3	9	3	1	4	19	6	25
Total	9	64	48	110	48	32	80	18	15	33	132	93	225
VII. Plant Protection													
Integrated Pest Management	7	-	-	-	102	59	161	11	4	14	112	63	175
Integrated Disease Management	5	2	5	7	72	46	118	-	-	-	76	49	125
Bio0control of pests and diseases	1	-	-	-	11	14	25	-	-	-	11	14	25
Production of bio control agents and bio pesticides													
Others	3	2	5	7	30	20	50	12	6	18	45	30	75
Total	16	4	10	14	215	139	354	23	10	32	244	156	400
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture													

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
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													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio0agents production													
Bio0pesticides production													
Bio0fertilizer production													
Vermi0compost production	1	0	0	0	0	25	25	0	0	0	0	25	25
Organic manures production													
Production of fry and fingerlings													
Production of Bee0colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production	4	0	30	30	0	50	50	0	20	20	0	100	100
Apiculture													
Others													
Total	5	0	30	30	0	75	75	0	20	20	0	125	125
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													

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
Formation and Management of SHGs	1	2	2	4	12	9	21	-	-	-	15	10	25
Mobilization of social capital													
Entrepreneurial development of farmers/youths	1	-	-	-	13	12	25	-	-	-	13	12	25
WTO and IPR issues													
Others	3	7	7	14	22	21	43	10	8	18	43	32	75
Total	5	9	9	18	47	42	89	10	8	18	71	54	125
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others	1	2	2	4	16	5	21	-	-	-	19	6	25
Total	1	2	2	4	16	5	21	-	-	-	19	6	25
XII. Others (Pl. Specify)													
GRAND TOTAL													

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
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production													
Production of organic inputs	2	2	3	5	12	13	25	-	-	-	17	13	30
Planting material production													
Vermiculture	3	0	11	11	0	10	10	0	4	4	0	25	25
Mushroom Production	5	0	0	0	0	7	7	0	3	3	0	10	10
Beekeeping													
Sericulture													

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
Repair and maintenance of farm machinery and implements	2	13	-	13	15	-	15	2	-	2	30	-	30
Value addition													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production	2	0	0	0	0	30	30	0	0	0	0	30	30
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others													
Total	14	15	14	29	27	60	87	2	7	9	47	78	125

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	7	0	7	6	0	6	2	0	2	15	0	15
Integrated Pest Management	1	3	-	3	7	5	12	-	-	-	10	5	15
Integrated Nutrient 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
Rejuvenation of old orchards													
Protected cultivation technology	1	4	-	4	8	2	10	1	-	1	10	5	15
Production and use of organic inputs													
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care													
Low cost and nutrient efficient diet designing	1	0	8	8	0	5	5	0	2	2	0	15	15
Group Dynamics and farmers organization	1	8	0	8	3	1	4	2	1	3	13	2	15
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other	1	1	1	2	7	6	13	-	-	-	9	6	15
Total	6	23	9	32	31	19	50	5	3	8	57	33	90

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
Plant Protection	F/Fw	Management of Blast disease in Kharaif Paddy	1	Off Campus	15	10	25	15	10	25
Plant Protection	F/Fw	Management of sucking pest in Kharif greengram	1	Off Campus	14	11	25	14	11	25
Plant Protection	F/Fw	Management of Blast disease in Kharaif Paddy	1	Off Campus	19	6	25	19	6	25
Plant Protection	F/Fw	Management of Seath Blight disease in Kharif Paddy	1	On campus	13	12	25	13	12	25

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
Plant Protection	F/Fw	Importance of Bio Pesticides in Agricultural Pest Managemtn	1	Off Campus	11	14	25	11	14	25
Plant Protection	F/Fw	IPM for fruiting in Bitter gourd	1	Off Campus	18	7	25	18	7	25
Plant Protection	F/Fw	Integrated pest management in citrus	1	On campus	19	6	25	19	6	25
Plant Protection	F/Fw	Integrated disease management of Potato	1	Off Campus	18	7	25	18	7	25
Plant Protection	F/Fw	Sceintific millet cultivation with emphasis on IPDM	1	Off Campus	15	10	25	15	10	25
Plant Protection	F/Fw	Importance of Bio pesticides on Agricultural pest Management	1	Off Campus	17	8	25	16	5	21
Plant Protection	F/Fw	Integraataed pest management for BPH in Kharif Paddy	1	Off Campus	17	8	25	15	7	22
Plant Protection	F/Fw	Integrated pest management in Kharif tomato	1	Off Campus	16	9	25	12	9	21
Plant Protection	F/Fw	Integrated pest management of Onion	1	Off Campus	15	10	25	12	10	22
Plant Protection	F/Fw	Training on IPM against pod borer in Kharif Pigeon pea	1	Off Campus	13	12	25	12	9	21
Plant Protection	F/Fw	Integrated disease management in Potato	1	Off Campus	12	13	25	10	12	22
Plant Protection	F/Fw	Integrated disease management in Rabi tomato	1	Off Campus	19	6	25	16	5	21
Plant Protection	F/Fw	Inter crop of pulses with maize	1	Off Campus	13	12	25	12	9	21
Plant Protection	F/Fw	Inter cropping of sunflower in mango orchard	1	Off Campus	17	8	25	15	7	22
Plant Protection	F/Fw	Integrated disease management for sheath rot disease Rabi rice	1	Off Campus	11	14	25	9	11	20
Plant Protection	RY	Importance of Neem Pesticide and It's Local preparation	2	On Campus	9	6	15	6	6	12

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
Plant Protection	VT	Preparation of organic and Botanical formulation from local resources	5	On Campus	8	7	15	6	7	13
Plant Protection	In service	Concept and importance of Natural Farming and strategy for natural farming	1	Off Campus	9	6	15	7	6	13
Plant Protection	In service	New generation pesticides for crop protection	1	Off Campus	10	5	15	7	5	12
Home Science	F&FW (SCSP)	Improved crop management practices in nutritional garden	1	OFF Campus	0	25	25	0	25	25
Home Science	F&FW (SCSP)	Use of different weeder for drudgery reduction	1	OFF Campus	0	25	25	0	25	25
Home Science	F&FW	Rearing management of improved poultry	1	OFF Campus	0	25	25	0	25	25
Home Science	F&FW	Improved crop management practices in nutritional garden	1	OFF Campus	0	25	25	0	23	23
Home Science	F&FW	Storage techniques of greengram	1	OFF Campus	0	25	25	0	18	18
Home Science	F&FW (SCSP)	ICM practices of Bio-fortified sweet Potato varieties for nutritional security	1	OFF Campus	0	25	25	0	25	25
Home Science	F&FW (SCSP)	Rearing management of improved poultry	1	OFF Campus	0	25	25	0	25	25
Home Science	F&FW	ICM practices of Bio-fortified sweet Potato varieties for nutritional security	1	OFF Campus	0	25	25	0	7	7
Home Science	RY	Techniques of vermicompost production	2	ON Campus	0	15	15	0	4	4
Home Science	F&FW (SCSP)	Supplementary feed with azolla for milch cows	1	Off campus	0	25	25	0	25	25
Home Science	VT	Income generation through mushroom farming	5	ON Campus	0	10	10	0	10	10

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
Home Science	F&FW (SCSP)	Storage techniques of greengram	1	OFF Campus	0	25	25	0	25	25
Home Science	F&FW	Supplementary feed with azolla for milch cows	1	OFF Campus	0	25	25	0	19	19
Home Science	F&FW (SCSP)	Income generation through mushroom farming	1	OFF Campus	0	25	25	0	25	25
Home Science	F&FW	Use of deferent weeder for drudgery reduction	1	OFF Campus	0	25	25	0	11	11
Home Science	RY (SCSP)	Brooding management of improved poultry	2	ON Campus	0	15	15	0	15	15
Home Science	F & FW (SCSP)	Production Techniques and uses of vermicompost	1	OFF Campus	0	25	25	0	25	25
Home Science	I S	Formulation of low cost balanced diet for farm family	1	OFF Campus	0	15	15	0	7	7
Home Science	F&FW	Value added products of fingermillet	1	OFF Campus	0	25	25	0	6	6
Home Science	F&FW	Processing of Dal through Mini Dal Mill for more profit.	1	OFF Campus	0	25	25	0	5	5
Home Science	F&FW (SCSP)	Scientific method of oyster muschroom cultivation	1	OFF Campus	0	25	25	0	25	25
Home Science	F&FW	Value added products of fingermillet	1	OFF Campus	0	25	25	0	25	25
Home Science	F&FW	Value added products of Tomato	1	OFF Campus	0	25	25	0	6	6
Home Science	F&FW	Scientific method of oyster muschroom cultivation	1	OFF Campus	0	25	25	0	18	18
Home Science	F&FW	Income generation through mushroom farming	1	OFF Campus	0	25	25	0	2	2
Home Science	F&FW (SCSP)	Value added products of Tomato	1	OFF Campus	0	25	25	0	25	25
Agril. Extention	F/Fw	Training on integrated farming system	1	Off Campus	11	14	25	11	14	25

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
Agril. Extention	F/Fw	Training on Effective utilization of Agro Service	1	Off Campus	13	12	25	13	12	25
Agril. Extention	F/Fw	Training on alternate livelihood generation through Poultry	1	Off Campus	13	12	25	12	9	21
Agril. Extention	F/Fw	Training on Market led Extension at Scheduled caste farming community	1	Off Campus	14	11	25	14	11	25
Agril. Extention	F/Fw	Training on organic farming through FPO	1	Off Campus	15	10	25	12	9	21
Agril. Extention	F/Fw	Training on Agro forestry sustainable livelihood generation.	1	Off Campus	19	6	25	16	5	21
Agril. Extention	F/Fw	Training on strategy for Natural Farming	1	Off Campus	13	12	25	12	9	21
Agril. Extention	F/Fw	Training on Natural Farming method and practices	1	Off Campus	17	8	25	15	7	22
Agril. Extention	F/Fw	Training on Integrated Farming system (IFS) Strategy for Natural Farming	1	Off Campus	16	9	25	12	9	21
Agril. Extention	F/Fw	Training on water conservation	1	Off Campus	18	7	25	16	5	21
Agril. Extention	F/Fw	Training on sustainable livelihood generation	1	Off Campus	12	13	25	12	13	25
Agril. Extention	F/Fw	Training programme on recent advance crop production	1	Off Campus	15	10	25	12	9	21
Agril. Extention	F/Fw	Training on sustainable livelihood management	1	Off Campus	17	8	25	16	5	21
Agril. Extention	F/Fw	Training on Natural farming Inter cropping of greengram with cowpea	1	Off Campus	13	12	25	13	12	25
Ag. Engg	F&FW	Use of different harvesting implement	1	Off Campus	19	6	25	16	5	21

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
Ag. Engg	F&FW	Techniques of Rainwater harvesting	1	On Campus						
Ag. Engg	F&FW	Post-Harvest management of Pulses	1	Off Campus	17	8	25	15	7	22
Ag. Engg	F&FW	Value addition and processing of Agricultural produce	1	Off Camus	17	8	25	15	6	21
Ag. Engg	F&FW	Micro Irrigation System in Horticultural Crop	1	Off Camus	16	9	25	14	9	23
Ag. Engg	FW	Women Friendly drudgery reducing small farm tools	1	Off Campus	-	25	25	-	13	13
Ag. Engg	F&FW	Importance of Mulching in diff crops	1	Off Campus	18	7	25	16	5	21
Ag. Engg	F&FW	Post-harvest management of finger millets	1	Off Campus	12	13	25	10	12	22
Ag. Engg	F&FW	Use of small farm implements for drudgery reduction in horticultural crops	1	Off Campus	14	11	25	12	9	21
Ag. Engg	RY	Operations and Maintenance of Powertiller	2	Off Campus	15	-	15	8	-	8
Ag. Engg	RY	Use of different millet thresher and seed cum fertilizer drill	2	Off Campus	15	-	15	9	-	9
Ag. Engg	In-service	Use of Plastic in Agriculture	1	Off Campus	10	5	15	9	2	11

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	
Mushroom production	Income generating activities	Income generation through mushroom farming	5	0	10	10	Thatched mushroom production unit	6	6	2
Bio pesticides production	Organic farming	Preparation of organic and Botanical formulation from local	5	15	0	15	11	11	11	3

*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**		**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,	1	2	0	2	6	0	6	7	0	7	15	0	15
biofertilizers etc.													
Repair and maintenance of farm machinery &imlements													
Rural Crafts													
Seed production													
Sericulture													
Mushroom cultivation	1	0	0	0	0	7	7	0	3	3	0	10	10
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

Sl.No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of participants	Sponsoring Agency
					PF/RY/EF			
1	STRY on Farm Mechanisation	Farm Mechanisation	Novembrer	7	RY	1	15	ATMA, Baragarh

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	1	7	0	7	2	0	2	6	0	6	15	0	15
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	8	244	126	370	29	4	2	6	248	128	376
KisanMela	4	989	511	1500	32	8	3	11	997	514	1511
KisanGhosthi	3	35	0	35	25	4	1	5	39	1	40
Exhibition	3	4800	3600	7400	38	17	9	26	4817	3609	8426
Film Show	20	288	132	420	26	12	4	16	300	136	436
Method Demonstrations	21	198	38	236	16	6	6	12	204	44	248
Farmers Seminar	1	42	8	50	34	5	1	6	47	9	56
Workshop	2	165	35	200	19	24	12	36	189	47	236
Group meetings	28	232	102	334	35	5	7	12	237	109	346
Lectures delivered as resource persons	82	45	370	415	31	8	5	13	53	375	428
Advisory Services	**24**	102256	15889	118145	27	88	24	112	102344	15913	118257
Scientific visit to farmers field	178	501	102	603	24	44	20	54	555	122	677
Farmers visit to KVK	1147	714	433	1147	33	34	25	59	748	458	1206
Diagnostic visits	28	59	17	76	34	11	6	17	70	23	93
Exposure visits	13	47	250	297	33	22	4	26	69	254	323

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Ex-trainees Sammelan	1	21	4	25	26	3	2	5	24	6	30
Soil health Camp	2	82	18	100	32	2	2	4	84	20	104
Animal Health Camp	1	46	4	50	33	5	0	5	51	4	55
Agri mobile clinic	-			-							
Soil test campaigns	2	96	54	150	28	4	2	6	100	56	156
Farm Science Club Conveners meet	15	220	0	220	28	10	8	18	230	8	238
Self Help Group Conveners meetings	24	0	240	240	32	3	12	15	3	252	255
MahilaMandals Conveners meetings	-			-							
Celebration of important days (specify)	6	168	132	300	31	6	5	11	174	137	311
Sankalp Se Siddhi	-			-				147			
Swatchta Hi Sewa	26	757	367	1124	38	24	9	33	781	376	1157
MahilaKisan Divas	1	0	50	50	18	0	2	2	0	52	52
Any Other (Specify)											
Total	1640	112005	22482	133487	702	349	171	657	112364	22653	135017

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	7
Radio talks	8
TV talks	
Popular articles	3
Extension Literature	6
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 farmersto 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 farmersto whom seed provided							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Paddy (Kharif)	Swrnashreya (CS)	182.2	564820(tentative)							Sold to ossc, bargarh	
Paddy (Rabi)	Bina dhan-11 (CS)	Maturity stage	-								
Grand Total											

Production of planting materials by the KVK

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmersto whom planting material provided							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Vegetable seedlings											
Tomato	A. A. Apekhya and A. vishesh	10000	25000	10				35		45	
Brinjal	A. Ananda	5200	13000	6				10		16	
Chilli	Tejaswi	6000	15000		12		10				22
Capsicum	California wonder	4000	10000	7				10		17	
Watermelon	A.shyama	1044	15671	20		10				30	
Papaya	Red lady	920	23000	30				12		42	
Sweetpotato vine	Bhusona	14000	7000	15				20		35	
Brocolli	KTS-1	4000	10000	8		20				28	
Cabbage	Pusa drum head	4800	12000	12				20		32	

Cauliflower	Pusa early synthetic	2000	5000	8				4	6	12	6
	Total	**49964**	**135671**								
Fruits											
Mango	Baiganpalli, Mallika, Langra, Desi	569 kg	14485							Auction sale	
Guava											
Lime											
Papaya											
Banana	Bantala, Champa	-	8000	15						15	
Others											
Ornamental plants											
Medicinal and Aromatic											
Plantation											
Spices											
Turmeric											
Tuber											
Elephant yams											
Fodder crop saplings											
Forest Species											
Vegetables from nutritional garden and crop cafetaria	Brinjal, chilli,cauliflower ,red cabbage, knolkhol, potato,		25000	25						25	
Total			**48110**								

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
Vermicompost var. *E. foetida*	100q	150000		75						
Vermin	20kg	10000	10							
Mushroom spawn var. *V.verbaceae*	1000	18000		30						
Others, please specify.										
Total		**178000**								

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											
Broilers	Kaveri	700	35000						40		
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	Amur carp	5000	20000					15			
Spawn											
Others (Pl. specify)			55000								
Grand Total			**977991**								

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 :	Mr. N. C. Barik
Address :	KVK, Gambharipali, Bargarh
e-mail :	Kvkbargarh.ouat@gmail.com
Mobile :	09437414979

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2020	arhar	PRG- 176	30	5	11.48	CS
Rabi 2020-21		-	-	-	-	
Summer/Spring 2021	-	-	-	-	-	-
Kharif 2021	arhar	PRG176	60	5	13.20	CS
Rabi 2021-2022	greengram	Virat	50	10	14.68	CS

iii) Financial Progress

	Fund received		Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)		Remarks
	Infrastructure	Revolving fund	Infrastructure	Revolving fund	Infrastructure	Revolving fund	
2016-17	-	1.54614	-	0.30970	-	1.23644	
2017-18	50	3.45386	48.36336	3.78307	1.63664	3.63311	
2018-19	-	-	-	4.47968	1.63664	3.98693	
2019-20	-	-	0.09912	2.94760	1.53752	6.42679	
2020-21	-	-	-	2.16189	-	5.33171	
2021-22	-	-	-	-	-	-	

iv) Infrastructure Development

Item	Progress
Seed processing unit	95 % complited, electrification and registration not done
Seed storage structure	*Completed*

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

Item	**Title**	**Author's name**	**Number**	**Circulation**
Research paper				

Item	Title	Author's name	Number	Circulation
Seminar/conference/ symposia papers	Impact assessment through Technological intervention on yield & economics of pigeon pea production in Bargarh district On 11th National seed congress-2022 at RVSKVV, M.P	Mrs. Rukeiya Begum,Scientist (plant Sc.), Mrs. Susrita Sahu, Scientist(Home Sc), Mr.N.C.Barik,SS&H,KVK,Bargarh		
Books				
Bulletins	Bina kharcha re prakutika krushi	Mr.N.C.Barik,SS&H,KVK,Bargarh Mrs. Susrita Sahu, Scientist(Home Sc), Mr. A.K.Sahoo, SMS, Agril Ext. Mrs. Sanghamitra Biswal , scientist (Ag.Engg.) Mr. D. jena, Prog. asst. (Seed sc.), Mrs. Prarthana Mohanty Farm Manager, KVK, Bargarh	1000	990
	Baigynanika padhati re harada chasa	Mr.N.C.Barik,SS&H,KVK,Bargarh Mrs. Susrita Sahu, Scientist(Home Sc), Mr. A.K.Sahoo, SMS, Agril Ext. Mrs. Sanghamitra Biswal , scientist (Ag.Engg.)	500	490
	Baigynanika pranalire sorisha chasa	Mr.N.C.Barik,SS&H,KVK,Bargarh Mrs. Susrita Sahu, Scientist(Home Sc), Mr. A.K.Sahoo, SMS, Agril Ext. Mrs. Sanghamitra Biswal , scientist (Ag.Engg.)	500	490
	Barsha jala Sanra kshyana	Mr.N.C.Barik,SS&H,KVK,Bargarh Mrs. Susrita Sahu, Scientist(Home Sc), Mr. A.K.Sahoo, SMS, Agril Ext. Mrs. Sanghamitra Biswal , scientist (Ag.Engg.) Mr. D. jena, Prog. asst. (Seed sc.), Mrs. Prarthana Mohanty Farm Manager, KVK, Bargarh	1000	990
News letter	Dhanushree	All staff	1000	990
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature	Kala kukuda kadaknath	Mrs. Susrita Sahu, Scientist(Home Sc), Mr. A.K.Sahoo, SMS, Agril Ext. Mrs. Sanghamitra Biswal , scientist (Ag.Engg.) Mrs. Susrita Sahu, Scientist(Home Sc),	1000	990

Item	Title	Author's name	Number	Circulation
		Mr. A.K.Sahoo, SMS, Agril Ext. Mr.N.C.Barik,SS&H,KVK,Bargarh		
Technical reports	Annual Progress Report 2021	All staff	10	9
	Action plan 2022	All staff	10	9
Electronic Publication (CD/DVD etc)				
TOTAL				

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

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

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	National conference of KVKS	National conference of KVKS	Mr.N.C.Barik, SS&H, KVK,Bargarh	01.06.22-02.06.22	ICAR at DR. YSPUH & F, H.P
2.	Zonal workshop	Zonal workshop of KVKS	Mr.N.C.Barik, SS&H, KVK,Bargarh	27.05.22-29.05.22	KVK, Jalpaigudi & ICAR, Kolkata
3.	Refresher training	Refresh training of Plant Protection discipline	Mr.N.C.Barik, SS&H, KVK,Bargarh	16.01.23-18.01.23	DEE,OUAT,BBSR
4.	Refresher training	Early childhood care for working women	Mrs. Susrita Sahu, Scientist (Home Sc),	07.02.23 & 08.02.23	DEE,OUAT,BBSR
5.	Faculty Development programme (virtual mode)	Role ofScience & Technology in sustainable Agriculture, Horticulture, Animal Husbandary and allied sectors: A retrospective & prospective approach	Mrs. Susrita Sahu, Scientist (Home Sc),	9.11.2022-29.11.22	ICAR-IGFRI,H.P & NADCL, Baramulla, J & K
6.	Workshop	Aromatic and medicinal plants: reconnecting the agricultural heritage for public health,nutrition and employment in india	Mrs. Susrita Sahu, Scientist (Home Sc),	08.09.22	ICAR, Kolkata
7.	Training	Trainers Training lof CSISSA	Mr. D. jena, Prog. asst. (Seed sc.),	19.06.22-22.06.22	ISRAC, Varanasi

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	Dusmant patro,
Address	At:Ludupalli, P.O-:Ambabhona,Block:Ambabhona,Dist:Baragrh,odisha

Contact details (Phone, mobile, email Id)	Mob:9777388768,9692986425,patradushmanta776@gmail.com
Landholding (in ha.)	6.34
Name and description of the farm/ enterprise	RICE- OILSEED –VEGETABLES HYV-sushree,Line sowing,Application of micronutrients,IPDM with Seed treatment,spraying of Indoxacarb14.5SC at pod development stage and Fungicides Carbendasim +Mancozeband, Sulphurat pod maturing stage
Economic impact	He cultivated oilseed crop –Toria var.Sushree after kharif paddy and obtained an yield of 8.06q/ha with a net profit of Rs35480 from one hactre area . That increased his income from Rs 13300/Ha out of rice only to Rs 48780/Ha
Social impact	He engaged 24 extra labourers from his village , giving employement to other farmers.
Environmental impact	Efficiently utilized irrigation from borewell , FYM from his house and incorporated kharif rice straw to soil instead of burning.
Horizontal/ Vertical spread	Looking to the success of Sri patro 53 farmers of near by villages followed him and decided to go for early rice and mustard .

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
1.	Combine actictivity with line Departments		Series of activities in a converged way

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
1	paddy	Mix 20 k.g of mustard oil cake wih sand (20 k.g sand with 500ml. kerosene).Then applied this mixture in the affected paddy field during evening time.	To control BPH

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)
1	Paddy	195	5900q	280	Y
2	Pulse	315	975q	585	Y
3	Vegetable	220	17600q	1280	Y

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

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed
1	PRA, Survey, Field visit, Group meetings, Farmers scientist interaction,SAC meeting	To identify the problem of Farmers & Farm women
2	Field visit, Query redressal, Whatsapp group	To sort out the constraints faced by Rural Youths
3	Diagnostic field visit, Discussion during R-E linkage meeting &bi-weekly meeting	To upgrade the knowledge of In-service Personnel

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

Sl. No	Name of the Equipment	Qty.
01	MridaParikshyakSoilTestingKit (Minilab)	3

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			
120	0	120	280	28	0

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

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
Kisan mela	1	Mass	Creating awareness on new Technologies
Awareness camp on Seed treatment	1	25	Seed treatment with seed treating chemicals
Film show	1	25	vermicompost production, poultry rearing
Awareness on Natural farming	1	25	Use of beejamrit & jeevaamrit
Seedling distribution	1	22	Tomato seedling for nutritional garden
Awareness on importance of fingermillet	1	50	Value added products of fingermillets
Awareness on Soil test	1	30	Collection& testing of soil sample

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

No of student trained	No of days stayed
22	

ARS trainees trained	No of days stayed

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

Date	Name of the person	Purpose of visit
26.04.22	Mrs. G, Nayak, Chairman,Attabira	Graced the event "Kisan bhagidari prathamikta hamari".
31.05.22	Mr. Suresh Pujari, Hon'ble M.P, Bargarh	Graced the event "Garib Kalyan Sammelan".
19.02.23	Dr. Avijit Haldar, Principal scientist, ICAR-ATARI,Kolkatta	For SAC meeting
19.02.23	Prof. Banshidhar Pradhan, HOD Dept. Of GPB,CA,OUAT,BBSR	For SAC meeting

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)
Drought tolerant rice variety Sahabhagidhan	4000	91	21000/ha	32000/ha
Chemical management of Pod borer in pigeon peaBy installing Pheromone traps @ 25 nos/ha, spraying of Azadirachtin 1500ppm @ 1.5 ltr/ha at 50% flowering followed by Flubendiamide 480SC @ 200 ml/ha and Bt @ 1 kg/ha at 15 days interval	1200	92	9500/ha	18000/ha
Popularisation of fingermillet variety Arjun	400	78	11900	22500
Power operated Finger millet thresher for threshing of fingermillet	550	86	Cost of threshing/q-600	200
Rearing of Kadaknath Chicks	220	76	9500	20800

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

4.2. Cases of large scale adoption **Popularisation of sweet corn** (Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread
Popularisation of sweet corn var. Misti ST with Carbendazim,Spacing-75 cm *60 cm with STBF & need based PP measures	Spread in 26 villages of 4 blocks

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	Soil application of bleaching powder @ 15 kg/ha at 7 days before transplanting+ Soil amendment with lime (Calcium carbonate) @ 1t/ha 10 days before transplanting + Seedling root dip for 30 minutes in streptocycline solution @ 200ppm/l of water + Soil drenching with 0.3% copper oxychloride thrice at 10 days interval starting from 20 DAT for management of bacterial wilt in tomato	Effective management of bacterial wilt Mortalty rate has been reduced to a great extent.	Increase in yield by 60.9%
2	Growing of var. Swarna Shreya Medium Duration (120-125), Aerobic Rice variety, withstand drought, average productivity4.5-5.0t/ha, under severe drought-2.o-2.5t/ha	High yielding variety	Productivity has increased by 37.8 %
3	Demonstration on transplanting method of Water melon watermelon seedlings prepared in polythene bags (200 gauge,10 cm diameter & 15 cm height). The polythene filled with 1:1:1 soil, sand & FYM. Then transplanted the 12 days old seedling in main field.	seed rate & seedling mortality is less .	Inrease in yield by 12.3%
4	Production of Paddy straw mushroom with Crumbled straw(5kg straw, Pulse powder 3%,Soaking period 5hr)	Crumbled straw can be effectively used in place of straw.	Net profit is increased by Rs. 2.50/bed
5	Demonstration on Suitable planting dates of potato - Planting by Nov-15th,well spouted tubers weighing 40 – 50 grams, at 30 cm apart,15 t/ha of FYM and 2 kg eachof *Azospirillum* and *Phosphobacterium* as basal and 120 kg N, 240 kg P and 120 kg K/ha in two splits; half as basal and the balance for top dressing on 30 days after sowing.	Better growth of tuber .	Productivity has increased by 28.2%
6	Growning of Rice var. CR Dhan 602 having duration 120-125 days having blast tolerance. Yield Potential 4.5t/ha in medium irrigated land	Suitable for blast prone irrigated area in Baragarh district.	No. of effective tillers has been increased by33.3 %

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	• Chicks Brooding unit (Capacity-1000 no.), Poultry Rearingunit (3 no.)
Name & complete address of the entrepreneur	Mrs. Laxmipriya Biswal, W/o- Mr. Santanu Biswal, At/P.o- Umrad, Block- Gaisilet Contact No.-7609018938
Role of KVK with quantitative data support:	• Mrs. Laxmipriya Biswal is a diligent farm-woman. She always assists her husband in paddy, brinjal and tomato cultivation. • She had also reared 20 nos. of local poultry in her back yard for additional income. • But she was worried about the low returns from these traditional farming. • She expressed her interest towards assistance of KVK to overcome these problems during a training programme. • She was advised to go for use of rearing of improved breeds of poultry. • She was also provided with 20 nos. of Kadaknath poultry under FLD prog. in 2020-21& trained with brooding , feeding and litter management with vaccination practices . She earned a net profit of Rs.21500/- from these entrepreneurship.
Timeline of the entrepreneurship development	2020-21-She took initiative on kadaknath poultry rearing with the help of KVK. 2021-22- she started brooding and rearing of Vanaraja, Aseel, Kaveri, Sonali,RIR breed of poultry She established an azolla tank for reducing the feed cost. 2022-23- Established a chick unit of Rs. 1,20,000/- with support from the dist.Vety. Dept., Bargarh
Technical Components of the Enterprise	Improved chicks, brooder,.feeder,azolla, litter
Status of entrepreneur before and after the enterprise	Earlier she used to get anet profit of Rs.68500/- from paddy, vegetables and local poultrybefore KVK intervention. After gettingtechnical guidance from KVK, she was able to earn an annual net profit of Rs.1,93,000 in the year 2020-21. Subsequently after extending her enterprise in the last two years , she now earned a net profit of Rs. 4, 80,000/- per annum by selling chicks, poultry birds & eggs in the near-by markets.
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	At present she is happy as she could earn more than earlier. She properly utilizes the broken rice ,vegetable wastages as feed . she also uses azolla to reduce the feed cost. More consumers having different taste buds are attracted towards her farm as different breeds of poultry are available with her. consumer, abundantly available from her farm into vermicompost and getting fair price for that by selling it to the local farmers . She generally sells the s,,meat & egg in the local market & chicks in the neighbouring districts along with in the Bargarh district.
Horizontal spread of enterprise	• She is now acting as the president of Mahasangha, Mission Shakti of Gaisilet block .

	• She wasfelicitated with Popular Farm women Award with cash Prize of Rs 10000/- by NABARD, Bargarh on the eve of International women's Day ,2022. • Her success story has also been published in first page of e-book of IATARI zone -V- DFI success story. • She also got a chance to meet Hon'ble Chief Minister of Odisha along with eighty members of Mission Shakti on dt. 15.02.23. She is now become a source of inspiration for other farm woman of the district. • Being inspired by her success, the house wife and youths of the nearby 25 villages are came forward to adopt integrated dairy farming for sustainable livelihood.
	 

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
ICAR-CTCRI, BBSR	To promote tuber crops especially bio-fetified sweet potato varieties in rainfed uplands
ICAR-CIWA, BBSR	Popularistion of women friendly tools
ICAR-NRRI, Cuttack	Agro advisory services, contigent planning, improved paddy sseeds
ICAR-IIHR, Bengaluru	Supplying vegetable seeds to KVK
ICAR-CRIJAF, Bamara	Supply of critical inputs &technologies ofSishal cultivation
Dept. of Agriculture, Bargarh	Creating awareness Campaign on Soil Health and safe use of pesticides, collaborative celebration of special days, Selection of input dealers for insecticide management training,Resource Person for HRD training
Dept. of Horticulture, Bargarh	Inspection of nurseries, Resource Person for HRD training
Animal Resources Dept., Bargarh	Participated in Exhibition& Animal health camp
Dept. of Fishery, Bargarh	Joint field visit, Departmental training prog. at KVK

Watershed Mission	Participated in Meeting & Exhibition organized by the Watershed Dept.
Dept. of women & Child Development & Mission Shakti, BBSR	Capacity Building of women SHGs Developed under Mission Shakti
District Administration, Bargarh	For taking up initiative measures to control pest &disease incidence in the district
Odisha state seed corporation, Bargarh	Production of foundation & certified seed of paddy & Pulses
All India Radio,Sambalpur	Radio talks,Participation in Farm & Home programme,SAC meeting

5.2. List of special programmes undertaken during 2022by 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.)
Repair of Boundary wall	For safety purpose	March,2022	ICAR	494000
Installation of Borewell	For irrigation purpose	March,2022	ICAR	300000

(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.)
STRY on Farm Mechanisation	To impriovr the skill of farmers on use of Farm mechinaries.	01.11.22-07.11.22	ATMA, Bargarh	42,000

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Name of demo Unit	Year of estt.	Area(Sq.mt)	Details of production			Amount (Rs.)		Remarks
				Variety/breed	Produce	Qty.	Cost of inputs	Gross income	
1.									
	Total								

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	

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.					

6.4.Performance of instructional farm (livestock and fisheries production)

Sl.No	Nameof the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.							

6.5. Utilization of hostel facilities

Accommodation available (No. of beds)-25

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
November	15	7	
Total :			

(For whole of the year)

6.6.Utilization of staff quarters

Whether staff quarters has been completed: Yes Only One

No. of staffsquarters: One, Date of completion: 2002

Occupancy details:

Months	**Q I**	**QII**	**Q III**	**QIV**	**Q V**	**QVI**
Jan.2021 -Nov.2021	N.					

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	**Name of the bank**	**Location**	**Account Number**
Contingency (ICAR Funding)	State bank of India	Godbhaga	10777584215
Revolving fund	State bank of India	Godbhaga	30163765041
Seed hub	State bank of India	Kadobahal	36026592693
Other than ICAR Funding	State bank of India	Godbhaga	39378025653
CFLD	State bank of India	Godbhaga	41603817820

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April, 2022
	Kharif	Rabi	Kharif	Rabi	
Sesamum	100000		83680		16320
Mustard		60000		58659	1341

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2022
	Kharif	Rabi	Kharif	Rabi	
P. Pea	360000	0	317986	0	58659

7.4 Utilization of KVK funds during the year 2021-22

Sl. No.	Items / Head	Sanctioned grant (Council's share)	Grant received (Council's share)	Expenditure (Council's share)	Variation		Reason for variation
					(+)Saving	(-)Saving	
1	2	3	4	5	6	7	8
A. RECURRING CONTINGENCIES							
1.	Pay and allowances	**-**	**-**	**-**	-		
2.	Travelling allowances	**1,20,000**	**1,20,000**	**93,365**	26,635		
3.	HRD	**30,000**	**30,000**	**8,800**	21,200		
4.	**Contingencies**	**26,50,000**	**26,50,000**	**26,45,077**	4,923		
a.	Stationary, telephone, postage & other exp. On office running publication of newsletters	4,60,000	4,60,000	**4,59,640**	360		
b.	POLs, repair of vehicles, tractor & equipments						
c.	Meals / refreshment for residential and non-residential training	3,45,000	3,45,000	**3,44,927**	73		
d.	Training materials (need based material and equipments for conducting the training)						
e.	Frontline Demonstration	1,73,000	1,73,000	**1,72,864**	136		
f.	On-farm testing (on need-based location specific and newly generated information of the major production systems of the area)	1,72,000	1,72,000	**1,71,669**	331		
g.	Integrated Farming system (IFS)	**-**	**-**				
h.	Training of Extension functionaries	**-**	**-**				
i.	Extension Activities	**-**	**-**				
j.	Farmers' Field School	**-**	**-**				
k.	EDP / Innovative activities	**-**	**-**				

l.	Soil & Water testing & issue of soil Health cards	**-**	**-**				
m.	Display Board0	**-**	**-**				
n.	Maintenance of buildings	-	-	-	-	-	-
o.	SCSP	15,00,000	15,00,000	**14,95,977**	4,023		
	Total (A)	**28,00,000**	**28,00,000**	**27,47,242**	52,758		
B. NON-RECURRING CONTINGENCIES							
1	Equipments & Furniture						
	a) Equipments & Furniture	**2,50,000**	**2,50,000**	**2,47,440**	2,560		
	b) Information Technology	**0**	**0**	**0**	0		
2	Works (Irrigation Channel)	**5,00,000**	**5,00,000**	**5,00,000**	0		
3	Vehicle	**-**	**-**				
4	Library (purchase of assets like books & journals back volume)	**10,000**	**10,000**	**10,000**	0		
	Total (B)	**7,60,000**	**7,60,000**	**7,57,440**	2,560		
C. Revolving Fund		**-**	**-**				
	TOTAL (A+B+C)	**35,60,000**	**35,60,000**	**35,04,682**	**55,318**		

Utilization of KVK funds during the year 2022 (1.4.2022 to 31.12.2022)

Sl. No.	Items / Head	Sanctioned grant (Council's share)	Grant received (Council's share)	Expenditure (Council's share)	Variation		Reason for variation
					(+)Saving	(-)Saving	
1	2	3	4	5	6	7	8
A. RECURRING CONTINGENCIES							
1.	Pay and allowances	**-**	**-**	**-**	-		
2.	Travelling allowances	**1,20,000**	**1,20,000**	**33,365**			
3.	HRD	**30,000**	**30,000**	**0**			
4.	**Contingencies**	**27,00,000**	**14,24,000**				
a.	Stationary, telephone, postage & other exp. on office running publication of newsletters	4,60,000	2,30,000	**1,48,143**			
b.	POLs, repair of vehicles, tractor & equipments						
c.	Meals / refreshment for residential and non-residential training	3,45,000	1,75,000	**1,40,535**			
d.	Training materials (need based material and equipments for conducting the training)						

e.	Frontline Demonstration	1,73,000	85,000	**18,709**			
f.	On-farm testing (on need-based location specific and newly generated information of the major production systems of the area)	1,72,000	84,000	**19,529**			
g.	Integrated Farming system (IFS)	**-**	**-**				
h.	Training of Extension functionaries	**-**	**-**				
i.	Extension Activities	**-**	**-**				
j.	Farmers' Field School	**-**	**-**				
k.	EDP / Innovative activities	**-**	**-**				
l.	Soil & Water testing & issue of soil Health cards	**-**	**-**				
m.	Display Board0	**-**	**-**				
n.	Maintenance of buildings	-	-	-	-	-	-
o.	SCSP	21,00,000	10,00,000	**6,01,029**			
	Total (A)	**28,00,000**	**14,24,000**	**9,27,945**			
B. NON-RECURRING CONTINGENCIES							
1	Equipments & Furniture						
	a) Equipments & Furniture	**60,000**	**0**	**0**	0		
	b) Information Technology	**50,000**	**0**	**0**	0		
2	Works (Irrigation Channel)	**4,94,000**	**0**	**0**	0		
3	Vehicle	**-**	**-**				
4	Library (purchase of assets like books & journals back volume)	**10,000**	**0**	**0**	0		
	Total (B)	**7,60,000**	**7,60,000**	**7,57,440**	0		
C. Revolving Fund		**-**	**-**				
	TOTAL (A+B+C)	**28,00,000**	**14,24,000**	**9,27,945**	**0**		

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)
2015-16	0.22	17.21	14.84	2.46
2016-17	2.46	2.30	5.16	0
2017-18	0	4.20	6.84	2.64
2018-19	2.64	9.53	6.56 + 5.0 (Profit Deposit toDEE, OUAT) = 11.56	0.61
2019-20	0.61	5.71	5.56	0.26
2020-21	0.26	10.26	4.20 + 4.50 (Profit Deposit to DEE, OUAT) = 8.90	1.72
2021-22	1.72	6.73	4.15 + 2.5 (Profit Deposit toDEE, OUAT) = 6.65	1.98915
2022-23	**1.98915**	2.02687	3.53075	2.48526 (On 31.12.2022)

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-vermicompostproduction,Use of gender friendly farm tools, vegetable cultivation, Mushroom production, Duckery, poultry, Dairy management, value added products from rice, fingermillet & vegetables.

(iii) Details of marketing channels created for the SHGs- Marketing of vegetables has been channelized to Sambalpur, Jharasugarh& Bhubaneswar market &paddy straw mushroom to near byBargarh&Attabira NAC market

7.7. Joint activity carried out with line departments and ATMA

Nameof activity	Number of activity	Season	With line department	With ATMA	With both
Research-Extension linkage meeting	6	Kharif & Rabi	-	-	Both
Celebration of special days (KrishakDiwas, World Food Day, Women in Agriculture Day, Mahila Kisan Divas, y etc.)	6	Kharif & Rabi	-	-	Both
Field visit	89	Kharif & Rabi	-	-	Both
Dist. Level Farmers Fair	1	Rabi	-	-	Both
Dist. Strategy meeting	2	Kharif & Rabi	-	-	Both
Selection of NGOs for Millet Mission	4	Kharif & Rabi	CDAO, Baragarh	-	-

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	Paddy	20.09.22	2300	88	44000
False smut	Paddy	17.10.22	30	36	2000

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)
Chicken fox	Local poultry	07.11.2022	81	300	4500

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	19	118145
Livestock		
Fishery		
Weather		
Marketing		
Awareness	4	118145
Training information		
Other	1	118145
Total	24	

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	
2.	No. of farmers registered in the portal	118145
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
2.10.22	Cleaning of village surroundings at Naikenpali
6.10.22	Awareness prog. at Jhiliminda
7.10.22	Vemicompost production at khalkhalitikra
10.10.22	Crop residue management at Dechuan

11.10.22	Cleaning of office campus
12.10.22	Vemicompost production at cheptibahal
13.10.22	Cleaning of village surroundings at Boromunda
14.10.22	Vemicompost production at Tala
15.10.22	Awareness prog. at Khuntulipali
16.10.22	Cleaning of village surroundings at Chuladhar
17.10.22	Awareness prog. at KVK campus during kisansamellan
18.10.22	Crop residue management on the eve of field day at Swarna
19.10.22	Cleaning of office campus on the eve of KVK foundation day
20.10.22	Crop residue management at Bijepur
21.10.22	Awareness prog. at karmitikra
22.10.22	Cleaning of demo unit
23.10.22	Vemicompost production at Junabramani
24.10.22	Awareness prog. at Andharipali
25.10.22	Weeding at KVK
26.10.22	Awareness prog. at R-E meeting
27.10.22	Aloevera Plantation at KVK
28.10.22	Crop residue management at Bhutibahal
29.10.22	Orientation of RAWE students at KVK
31.10.22	Vemicompost production at Nalichuan

b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office	8	-
2. Basic maintenance	4	2200
3. Sanitation and SBM	21	2000
4. Cleaning and beautification of surrounding areas	69	2500
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	5	2300
6. Used water for agriculture/ horticulture application	8	1200
7. Swachhta Awareness at local level	5	2000
8. Swachhta Workshops	1	1500
9. Swachhta Pledge	1	

10. Display and Banner	2	500
11. Foster healthy competition	1	100
12. Involvement of print and electronic media	1	
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	1200	3200
14. No of Staff members involved in the activities	14	-
15. No of VIP/VVIPs involved in the activities	4	
16. Any other specific activity (in details)		
Total		**17500**

9.6. Observation of National Science day

Date of Observation	Activities undertaken

9.7. Programme with SeemaSurakshaBal/ BSF

Title of Programme	Date	No. of participants

9.8. Agriculture Knowledge in rural school

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(16-31.12.2022) organized

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(15.10.2022) organized

Sl.No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
15.10.22	• Promoting SHG activity • Distribution of vegetable seeds and seedlings • Felicitation to best Farm women • Rangoli competition • Awareness onSeedling treatment	1	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	Sri.Shyamghana padhan	Baragada ,Baragarh 7008091143	Natural Farming
2	Sri Mahendra padhan	Kundakhai, Baragarh 977785033	vegetable
3	Sri GhanashyamMendali	Khairapali,,Baragarh,8327734630	Poultry
4	Sri Satya narayan Mahananda	Cheptibahal,Baragarh99 38817610	Sweet corn
5	Sri Makardhawaja Khamari	Nagaon, Baragarh9861816132	Pulse
6	Sri Rajesh Badhei	Jhiliminda, Baragarh7205200946	Fishery
7	Sri santosha ku. Seth,	Kulitatukra, Baragarh 9556433938	Rice processing
8	Sri Tosharam padhan	Bara,Baragarh,62650 50856	Pulse
9	Smt. Arundhati Bhue	Khaliapali, Baragarh,8917657070	Mushroom
10	Mrs. Mandakini Sahoo	Katapali,Baragarh, 9776522338	Dairy

9.12. Revenue generation

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	Sponsored Training		ATMA
2.			

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

9.15. Contingent crop planning

Odisha	Bargarh	ICM	3	150	Spraying of 2% DAP at 20-30 DAS of greengram to combat poor vegetative growth due to cold climate
		IPM	4	400	Spraying of streptomycin@10lit/gm to control BLB
		INM	2	70	Spraying of Ethrel @ 5ml/lit for changing of sex ratio in pumpkin
		IWM	2	50	Spraying of Bispribac sodium to control weed in Kharif paddy
		CRP	6	300	Gap filling should be done to compensate poor germination of paddy seedlings due to early seasondrought

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**		
			M	**F**	**T**

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
1	Best farmer Award of bargarh district	Mrs. Laxmi Priya Biswal	2022	OUAT, BBSR	-	Felicitation of farmer on the eve of Farmers' Fair

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
1	Bhatli Farmers' Producer Company Ltd., 2019	U01100 OR2019PTC030436 & 05.02.19	05.02.19 House No.114,plot no.-181, khat no.46 At/P.o-Tejagola, bl-Bhatli, Dist-Baragarh	Production of vegetables	Vegetables, groundnut, Mustard, paddy, Millet	915	37.08585	Vegetble marketing**Popularisation of Blast resistant Paddy variety in Bargarh District**
2	Bodasambar Dal &Vegetable Producer Company Ltd., 2015-16	U01403OR20 16PTC019845 & 28.01.2016	28.01.2016 At/P.o-Kendubhatta PS-Gaisilet Bargarh 768037	Production of processed dal and vegetables	Involving the FPO members for Pigeon pea seed production under pulse seed hub programme	1056	13.49	Promotion of Dal in the brand name "Bodasambar"
3	Ahinsa Farmer Producer Company Ltd.	U01403OR 2015PTC 019157 & 08.07.2015	08.07.2015 At- Bhutibahala PO- Raisalpadar PS-Gaisilet Bargarh 768037	Production of local paddy, pulses, millets	Training was given on production of different type of processed dal i.e. Pigeon pea, Horse gram with suitable branding	500	5.0	Conservation of local germ plasam of paddy, Dal processing & marketing, Preparation of value added products from fingermillet
4	Maa Mangala Farmer's producer Company Ltd.	CINVO1110OR 2019PTC030238	11.01.2019	Production of organic paddy seeds,Pigeon pea Groudnut	Involving the FPO members for Pigeon pea seed production	205	1.25	Conservation of local germ plasam of paddy, Groundnut, Pigeon pea

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	Demonstration of drought tolerant Rice variety Swarna Shreya in DSR	Varietal replacement withSwarna Shreya Medium Duration (120-125), Aerobic Rice variety, withstand drought, average productivity4.5-5.0t/ha, under severe drought-2.o-2.5t/haLine Transplanting	26800	1500	
2	Demonstration seed production of HYV of Sesamum (Smarak)	production of HYV of sesamum Smarak-80-85days. Golden yellow bold seed, yield potential-8-9q/ha	20700	12t5	
3	Popularization of IPM strategy against YMV Disease of greengram	Seed treatment with Imidacloprid 600 FS @ 5 ml/ kg seed + Installation of Yellow Sticky Trap @ 50/ ha + Spraying Neem oil formulation 0.15% @ 2 ml/ l of water at 30 DAS + Diafenthiuron 50% WP @ 1 gm /l at 45 DAS	15600/ha	320	
4	Popularisation of pigeon opea var. PRG 176	HYV SEED-PRG-176, Line sowing behind plough, 60cmx30cm, Seed treatment with Rhizobium culture@20gm/kg seed, STBF, Spraying of Hormone Planofix@1ml/4.5lit Sraying of pesticideProphenophos50EC@2ml/lit.	33800	3255	

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
5	Demonstration on transplanting method of Water melon	watermelon seedlings prepared in polythene bags (200 gauge,10 cm diameter & 15 cm height). The polythene filled with 1:1:1 soil, sand & FYM. Then transplanted the 12 days old seedling in main field.	205560	220	

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	
Farm Mechanisation	**STRY on Farm Mechanisation**	**56**	**2**	**0**	**4**	**0**	**9**	**0**	**15**	**0**	**15**	**42,000**

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	7	7	14

Sl. No.	Activity	No. of SC farmers/ stakeholders		
		Male	Female	Total
2	Frontline demonstrations	63	47	110
3	No. of Training programmes for farmers	27	9	36
4	Farmers trained	600	305	905
5	No. of Training programmes for Extension Personnel	2	1	3
6	Extension Personnel trained	30	15	45
7	Participants in extension activities	3124	1221	4345
8	Distribution of seed	98	82	180
9	Planting material distributed	72	43	115
10	Livestock strains and fingerlings distributed	60	110	170
11	Soil, water, plant, manures samples tested	52	2	54
12	Mobile agro-advisory provided to farmers	32200	4800	37000
13	Other (Please specify)			

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

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
Green gram	134	250	Attached in Annexure-2	FYM,Mustard OILCAKE,Jeevamrut, Bijamrut,Cow urine,wood ash,local seeds
Mustard	72	100		FYM,Mustard OILCAKE,Jeevamrut, Bijamrut,Cow urine,wood ash,local seeds
Cowpea	34	65		FYM,Mustard OILCAKE,Jeevamrut, Bijamrut,Cow urine,wood ash,local seeds
Maize	60	132		FYM,Mustard OILCAKE,Jeevamrut, Bijamrut,Cow urine,wood ash,local seeds

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	

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)

		
Assessment of different Planting Dates on potato yield	Assessment of High Yielding varieties of Wheat for Irrigated Medium land	Assessment of suitable varieties for value added products (Puree)of Tomato.
		
Assessment of Package of practices for YSB management in direct seeded rice (DSR)	Assessment of chilli varieties against leaf curl virus disease	Assessment of poultry breed in backyard
		
Assessment of suitability of different tomato varieties for preparation of tomato puree	Assessment of performance of grafted Brinjal under different spacing	Assessment of Onion variety for better yield

		
Demonstration of High Yielding Variety of Finger millet (Var. Arjun)	Demonstration of Bunch feeding on yield and quality of Banana	Demonstration of Nutritional Garden for Improving Nutritional Security of farm family
		
Popularization of Integrated Nematode Management against Rootknot nematode affecting Cowpea	Popularization of bio-fortified Sweet Potato var. Bhu sona in Bargarh District	Demonstration of Mini Dal mill for additional income of farmwomen
		
Demonstration of IDM Practices against Bacterial wilt in tomato	Demonstration of IPM in Brinjal in Organic way	Demonstration of Power operated Finger millet thresher for drudgery reduction of Farmwomen

		
Demonstration of drought tolerant Rice variety Swarna Shreya in DSR	Popularisation of wilt resistant brinjal var. Arka Anand	Demonstration on paddy straw mushroom from crumpled straw
		
Popularisation of Mechanical weeder in line transplanted paddy	Demonstration/Popularization of IPM strategy against YMV Disease of greengram	Demonstration on Suitable planting dates of potato
		

	Cluster demonstration on pulse	Cluster demonstration on pulse

		
Cluster demonstration on oilseed crops	Cluster demonstration on oilseed crops	Cluster demonstration on oilseed crops
		
Quality planting material production:	Quality planting material production:	Quality planting material production:
		
Vermicompost Unit	Duckery unit	NADEP compost Unit

		
Celebration of Parthenium Awareness week	Celebration of National Handloom Day Day	Celebration of Poshan Abhiyan
		
Farmers Fair on Garib Kalyan Sammelon Dt.31.05.2022 attended by Hon'ble MP,Bargarh	Farmers Fair on Garib Kalyan Sammelon Dt.31.05.2022 attended by Hon'ble MP,Bargarh	Conversance activities with IRRI
		
Conversance activities with IRRI	Conversance activities with IRRI	Conversance activities with IRRI

		
CAMPAIGNS&AWRENESS Activities on JALSHAKTI ABHIYAN	Radio & Talk	Trainings (Plant Protection)
		
Training (Ag Engg)	Training (Home Science)	Training (A. Exnt)
		
Trainee from SBIRETI,Bargarh	Students from Vocational college,Bargarh	Farmers from watershed Div.Bargarh

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