ANNUAL REPORT 2022

IKRISHI VIGYAN KENDRA CUTTACK
ICAR-NATIONAL RICE RESEARCH INSTITUTE, CUTTACK










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ANNUAL REPORT

(January 2022 to December 2022)

KRISHI VIGYAN KENDRA CUTTACK

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(January 2022 to December 2022)

KVK TEAM

Dr. Sujata Sethy

Dr. DillipRanjan Sarangi

Dr. TusarRanjanSahoo

Dr. Ranjan Kumar Mohanta

Shri. Debasish Jena

Shri. Prasanta Pradhan

GUIDANCE

Dr. S DMohapatra

PS(Agricultural Entomology) & I/c Head

Nodal Officer, KVK Cuttack

ICAR-NRRI, Cuttack

Dr. Amaresh Kumar Nayak

Director, ICAR-NRRI, Cuttack

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ANNUAL REPORT2022 (January-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	
KrishiVigyan Kendra Cuttack, Santhapur; At/P.O.-Uchhapada, Via: Kotasahi, Dist: Cuttack, Pin: 754 022	8895795870	0671-2367663	kvkcuttack@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
National Rice Research Institute, Cuttack-753 006 (Orissa)	0671-(2367768-783)	0671-2367663	crrictc@nic.in, directorcrricuttack@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. SujataSethy	7063947378	8895795870	Sujata.Sethy@icar.gov.in sujata.sethy@gmail.com

1.4. Year of sanction of KVK: 1992

1.5. Staff Position (**as on 1st January 2023**)

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	**Vacant**	Senior Scientist& Head					
2.	Subject Matter Specialist	Dr. SujataSethy	Officer-in-Charge & SMS	Home Science	Level 12(96900)	02.08.10	Permanent	SC
3.	Subject Matter Specialist	Dr. D.R. Sarangi	Subject Matter Specialist	Soil Science	Level 11 (83300)	21.12.10	Permanent	Others
4.	Subject Matter Specialist	Dr. T.R. Sahoo	Subject Matter Specialist	Horticulture	Level 10 (83300)	01.01.11	Permanent	Others
5.	Subject Matter Specialist	**Vacant**	Subject Matter Specialist	Plant Protection				
6.	Subject Matter Specialist	Dr. R.K. Mohanta	Subject Matter Specialist	Animal Science	Level 11 (83300)	21.05.14	Permanent	OBC
7.	Subject Matter Specialist	**Vacant**	Subject Matter Specialist	Agril. Extn				
8.	Programme Assistant	**Vacant**	ProgrammeAstt.	Agril.				
9.	Farm Manager	**Vacant**	Farm Manager	Agril.				
10.	Computer Programmer	Shri P. Pradhan	Tech. Officer	Computer	Level 7(49000)	28.11.2020	Permanent	Others
11.	Accountant / Superintendent	**Vacant**	Accountant / Superintendent					
12.	Stenographer	Sri Bibhuti BhusanPolai	Steno-cum-Com. Operator	-	Level 6	11.05.11	Permanent	Others
13.	Driver	Shri A Bisoi	Driver –cum- Mechanic		Level 4 (34900)	01.07.11	Permanent	Others
14.	Driver	Shri K. Pradhan	Tractor Driver		Level 3 (30500)	28.11.2020	Permanent	Others
15.	Supporting staff	**Vacant**	S.S. Gr. II					
16.	Supporting staff	**Vacant**	S.S. Gr. II					

1.6. Total land with KVK (in ha)

S. No.	Item	Area (ha)
1	Under Buildings	0.4
2.	Under Demonstration Units	1.0
3.	Under Crops	1.0
4.	Orchard/Agro-forestry	2.0
5.	Others with details	9.4
	Total	13.8

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					√	550	√	ICAR
2.	Farmers Hostel	Drawing and preliminary estimate received from CPWD & also vetted by ICAR. Rs. 4625000/- received from ICAR-ATARI Kolkata & same paid to CPWD in March 2022						-	ICAR
3.	Staff Quarters (6)	√						-	-
4.	Piggery unit						50	√	ICAR
5	Fencing	√						-	
6	Rainwater harvesting structure	√							
7	Threshing floor	√						-	
8	Farm go down	√						-	
9.	Dairy unit						100	√	ICAR
10.	Poultry unit						50	√	ICAR

11.	Goatery unit						50	√	ICAR
12.	Mushroom Lab	√							
13.	Mushroom production unit	√						-	
14.	Shade house						500	√	ICAR
15.	Soil test Lab						24	√	ICAR
16	Others, Please Specify	√							

* Poultry, Dairy, Piggery, Goatery unit: With temporary arrangements KVK was functioning in these infrastructures till 02.12.2019

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Tractor (Mahindra)	2017	625288/-	-	Running
Motorcycle (Bajaj XCD 125 ES)	31.03.2010	47290/-	-	Defunct & unserviceable
Motorcycle (Bajaj Kawasaki 4S Champion)	31.03.1994	34780/-	-	Defunct & unserviceable
Tractor (2559AU20) 55004WDTREM3A, New Holland	23.03.2019	805349/-		Running
Bolero SLE 2 WD 7-Seater AC& PS BS4, Mahindra	25.10.2019	713413/-	-	Running

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
MridaParikhyak	2016-17	94,000/-	Working condition	ICAR
Microwave	2017-18		Working condition	ICAR
Refrigerator	2017-18		Working condition	ICAR
Juicer	2017-18		Working condition	ICAR
Horizontal Laminar Air Flow S.S (Model-LU)	2019-20	169999/-	Working condition	ICAR

Autoclave vertical steam sterilizer	2019-20	92000/-	Working condition	ICAR
Hot air oven IG-216TD	2020-21	104000/-	Working condition	ICAR
Hot air oven ESAW & HOA-03	2020-21	15544/-	Working condition	ICAR
Precision gold balance mlabs-PGB-600	2020-21	11499/-	Working condition	ICAR
b.AV Aids				
White board	2017-18		Working condition	ICAR
LCD Screen	2017-18		Working condition	ICAR
Canon DSLR EOS-750D and Flash	2017-18	48800/-	Working condition	ICAR
Slotted Angel rack multi storage racks (5-tier) 5 nos	2019-20	44500/-	Working condition	ICAR
Revolving Chair Detach Revolving Chair RC II, 15 nos	2019-20	150000/-	Working condition	ICAR
Modular Conference Table, 36 nos	2019-20	224532/-	Working condition	ICAR
Godrej Almirah HSN Code-9403, 2 nos	2019-20	42050/-	Working condition	ICAR
Almirah steel Kings K7-A7, 2 nos	2019-20	33998/-	Working condition	ICAR
Executive Table (KF-ET-08M, Kings), 1 nos	2019-20	43399/-	Working condition	ICAR
Executive Table KF-M161 (Kings), 2 nos	2019-20	33402/-	Working condition	ICAR
Sony LCD From CI Divi	2019-20	111000/-	Working condition	ICAR
Eureka Forbes Wet & Dry WD X2	2019-20	13750/-	Working condition	ICAR
Dell Optiplex 5070, inter i5, 8GB Ram, 2 TB HD	2019-20	59280/-	Working condition	ICAR
LG AC Inverter KSQ18ENXA	2019-20	33789/-	Working condition	ICAR
APC 5.0 KVA UPS	2019-20	120000/-	Working condition	ICAR
LG AC Inverter KSQ18ENXA, 3nos	2019-20	101367/-	Working condition	ICAR
V-Guard Stabilizer VEW 4000 Plus, 3nos	2019-20	21300/-	Working condition	ICAR
V-Guard Stabilizer VEW 4000 Plus	2019-20	7100/-	Working condition	ICAR
Canon LBP 226 DW Laser Printer	2019-20	27279/-	Working condition	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Tractor	2018-19	805349.00	Working condition	ICAR
Rice Drum Seeder	2018	6652.00	Working condition	ICAR
Multi Crop Planter	2018	107500.00	Working condition	ICAR
Tractor Drawn Leveller	2018	21500.00	Working condition	ICAR
Multi Crop Thresher	2018	275550.00	Working condition	ICAR
Self-Propelled Rice Transplanter (4 row)	2018	293500.00	Working condition	ICAR
Rotavator	2018	110000.00	Working condition	ICAR
Sugarcane Planter	2018	286750.00	Working condition	ICAR
Disc Plough	2018	59500.00	Working condition	ICAR
Seed cum Fertilizer Drill	2018	55000.00	Working condition	ICAR
Mini Dal Mill	2018	295050.00	Working condition	ICAR
Power Tiller	2018	178000.00	Working condition	ICAR
Mist Blower	2018	18000.00	Working condition	ICAR
Solar Sprayer	2018	3000.00	Working condition	ICAR
Cono-weeder	2018	25000.00	Working condition	ICAR
Backpack brush cutter	2018	26000.00	Working condition	ICAR
Makita BBA520 Petrol Earth Augur	2020	45744.00	Working condition	ICAR
Makita DUH 502 RT Cordless Hedge Trimmer	2020	31547.00	Working condition	ICAR

1.8. Details SAC meeting* conducted in the year.

Sl. No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	May 19, 2022	27	Demonstration unit on natural farming should be made at KVK campus in mission mode	Demonstration of Jibamurta, Bijamurta and vegetable crop like Okra and Cowpea were done at KVK campus.	
2.			SAC meeting should be preferably conducted in offline mode to promote effective interaction	It is planned to conduct the SAC for 2023 in Offline mode.	
3.			Feedback of Bio-fortified varieties may be collected from farmers and consumers	Feedbackof Bio-fortified varieties was collected. Everyone liked colored cauliflower and cabbage, but some people disliked red cabbage because it made them feel sleepy.	
4.			Horizonal spread of technologies and success stories should be spread by short video film through mass media and social media	Video documentation of success stories were made on entrepreneurship development in Mushroom value addition and CR Dhan 1009 Sub-1 were done in last year. Short video films have been widely shared on social media.	
5.			Newly released drought / flood varieties preferably from NRRI/ OUAT may be demonstrated at farmers field	CR Dhan 1009 Sub-1 was demonstrated in flood prone area of Nischintakoiliblock and it was a success in last year.	
6.			Larger number of KVK beneficiaries may be included in different FPOs of the district for better knowledge and produce dissemination with market linkage	Approximately 350 KVK farmers were included in Utkal Keshari FPO and training programs were conducted in FPO platform for different technologies.	
7.			Field data may be collected in an effective manner and should be documented and published in good quality journals and magazines	Field data are being compiled and efforts are on to publish in good quality journals & magazines. Technical knowhow is published in newspapers & technical/ extension bulletins	

8.			Impact assessment of technologies should be conducted for knowing the efficacy and impact in farmers field	Impact assessment of technologies is under process.	
9.			Assessment of new varieties in Drumstick may be taken up in OFT and one drumstick germplasm unit should be maintained at farm level.	OFT on Drumstick Cultivars suitable for the Cuttack districtwasconducted. Adrumstick germplasm unit also established at KVK Campus.	
10.			KVK should take some collaborative research programs with CHES (ICAR-IIHR), Bhubaneswar for technology validation in specific areas.	Protein rich Dolichos Bean Arka Neelachal Pusti was popularized in different blocks of Cuttack district through CHES and KVK collaborative research programs.	
11.			KVK should assist in capacity building program of farmers on commercial floriculture in Floriculture Clusters formed by Dept. of Horticulture.	Capacity-building programson commercial floriculturecondu cted.	
12.			Innovation in agriculture and allied sectors may be identified for convergence programme with NABARD	Innovation in agriculture and allied sectors are being identified and initiatives are to be taken for convergence programme.	
13.			Capacity building program on Value addition of Oyster Mushroom may be conducted for entrepreneurship generation	Capacity building programme on “Mushroom production and value addition” was conducted for rural youth under ARYA for entrepreneurship development.	
14.			Infertility treatment-cum-Animal health camp may be conducted at Ganeswarpur, Salipur and adopted villages	Infertility treatment-cum-Animal health camp conducted in 4 adopted SC predominated villages of Cuttack district.	

** Salient recommendation of SAC in bullet form*
Attach a copy of SAC proceedings along with list of participants.

Proceeding of XXIII Scientific Advisory Committee Meeting of KVK Cuttack

The 23rd Scientific Advisory Committee meeting of Krishi Vigyan Kendra Cuttack was held on 19.05.2022 at 11.00 AM in virtual mode through Zoom App under the Chairmanship of Dr (Mrs). Padmini Swain, Director, ICAR-NRRI, Cuttack. SAC members comprising of Director, ATARI, Dean, Extension Education, OUAT, line department officials, nearby research institutes, RRTTS, farmers' representatives, farm women representatives, ring KVK partners and Dr Sujata Sethy, SMS (Home Science) and OIC, KVK Cuttack & Member Secretary and many officers from line department and progressive farmers attended the SAC meeting.

Dr. Sujata Sethy, OIC, KVK Cuttack welcomed the Chairman and other members. After introduction of the members and invitees, the Chairman took up the proceedings as per agenda. Dr. Sethy presented the achievements of KVK Cuttack for the period from April 2021 to March 2022 and action taken report along with the action plan for 2022-23. It was followed by discussion related to the presentation. In course of presentation, the Chairman and other members provided their valuable suggestions. In the concluding part of the meeting the overall suggestions of the Chairman, Nodal Officer and other members were recorded for taking appropriate actions. Dr Dillip Ranjan Sarangi, SMS (Soil Science) proposed the vote of thanks. The suggestions have been noted down below:-

1. Demonstration unit on natural farming should be made at KVK campus in mission mode. **Action : SMS (Soil Science)**
2. SAC meeting should be preferably conducted in offline mode to promote effective interaction. **Action : OIC,KVK Cuttack**
3. Feedback of Bio-fortified crop varieties may be collected from farmers and consumers. **Action : SMS (Horticulture)**
4. Horizonal spread of technologies and success stories should be spread by short video film through mass media and social media. **Action : OIC & All SMSs**
5. Newly released drought / flood tolerant varieties preferably from NRRI/ OUAT may be demonstrated at farmers' field. **Action : SMS (Agromet)**
6. Larger number of KVK beneficiaries may be included in different FPOs of the district for better knowledge and produce dissemination with market linkage **Action : SMS (Soil Science)**

7. Field data may be collected in an effective manner and should be documented and published in good quality journals and magazines. **Action : All SMSs**
8. Impact assessment of technologies should be conducted for knowing the efficacy and impact in farmers field. **Action : SMS (Animal Science)**
9. Assessment of new varieties in Drumstick may be taken up in OFT and one drumstick germplasm unit should be maintained at farm level. **Action : SMS (Horticulture)**
10. KVK should take some collaborative research programs with CHES (ICAR-IIHR), Bhubaneswar for technology validation in specific areas. **Action : SMS (Horticulture)**
11. KVK should assist in capacity building program of farmers on commercial floriculture in Floriculture Clusters formed by Dept. of Horticulture. **Action : SMS (Horticulture)**
12. Innovation in agriculture and allied sectors may be identified for convergence programme with NABARD. **Action : All SMSs**
13. Capacity building program on Value addition of Oyster Mushroom may be conducted for entrepreneurship generation. **Action : SMS (Home Science)**
14. Infertility treatment-cum-Animal health camp may be conducted at Ganeswarpur, Salipur and adopted villages. **Action : SMS (Animal Science)**

Attended By

SAC Members:

Sl.	Designation	Name	Responsibility
1	Director, ICAR-NRRI, Cuttack	Dr (Mrs) Padmini Swain	Chairman
2	Director, ATARI, Kolkata	Dr S.K. Roy	Member
3	Dean, Extension Education, OUAT	Dr P.J. Mishra	Member
4	CDAO, Cuttack	Sri Niranjan Dash	Member
5	Dy. Director, Soil Conservation-cum-PD, Watershed, Cuttack	Sri Subash Biswal	Member
6	CDVO, Cuttack	Dr Madhusudan Subuddhi	Member

//3//

7	DDH, Cuttack	Sri Soumendra Panigrahi	Member
8	LDM, Cuttack	Sri Rajesh Behera	Member
9	DDM, NABARD	Ms. Praxima Parida	Member
10	Programme Executive, AIR, Cuttack	Sri Ananta Jena	Member
11	Farmer Representative, Tangi-Choudwar	Sri Pratap Keshari Tripathy	Member
12	Farmer Representative, Salipur	Sri Sangram Keshari Pani	Member
13	Farm women Representative, Tangi-Choudwar	Smt. Ritanjali Das	Member
14	Farm women Representative, Mahanga	Smt. Mamata Das	Member
15	Head, CHES, Bhubaneswar	Dr Govind Chandra Acharya	Member
16	Head, Directorate of Poultry Research, BBSR	Dr Chandrakanta Beura	Member
17	Head, RRTTS, Mahishapat	Dr Debabrata Panigrahi	Member
18	SMS (Home Science) & OIC, KVK, Cuttack	Dr Sujata Sethy	Member Secretary

Invited guests:

1. Head, S.S. D. and Nodal Officer, KVK Cuttack – Dr GAK Kumar
2. PD, ATMA, Cuttack- Sri Suresh Mallick
3. Sr. Scientist & Head, KVK Jajpur
4. Sr. Scientist & Head, KVK Khurda
5. NGO Secretariat, NIGAM NGO- Sri Suresh Tripathy

Staff of Krishi Vigyan Kendra, Cuttack

1. Dr Dillip Ranjan Sarangi — SMS (Soil Science)
2. Dr. Tusar Ranjan Sahoo — SMS (Horticulture)
3. Dr. Ranjan Kumar Mohanta — SMS (Animal Science)
4. Sri Debasish Jena — SMS (Agro-meteorology)

25/06/2022

(Director)
ICAR-NRRI, Cuttack

2.a. District level data on agriculture, livestock, and farming situation (2022)

<table>
<tr><th>Sl. No.</th><th>Item</th><th>Information</th></tr>
<tr><td>1</td><td>Major Farming system/enterprise</td><td>Integrated farming system, Rice cultivation in Kharif season followed by Pulse and vegetable cultivation in fallow lands during Rabi. Protected cultivation of high value vegetables Dairy, Backyard poultry, goat rearing, Pond/canal based /ring well based Irrigation system followed during summer season.</td></tr>
<tr><td>2</td><td>Agro-climatic Zone</td><td>East and Southeastern Coastal Plain Zone
Mid Central Table Land Zone</td></tr>
<tr><td>3</td><td>Agro ecological situation</td><td>1. Costal irrigated alluvium
2. Rainfed alluvium
3. Rrainfed laterite.
4. River valley alluvium medium rainfall.
5. Laterite textured medium rainfall</td></tr>
<tr><td>4</td><td>Soil type</td><td>Acidic, lateritic, alluvial, red and mixed red</td></tr>
<tr><td>5</td><td>Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits, and others</td><td>
<table>
<tr><td>Crop</td><td>Kharif (kg/ha)</td><td>Rabi (kg/ha)</td></tr>
<tr><td>Paddy</td><td>1490</td><td>2147</td></tr>
<tr><td>Black gram</td><td>430</td><td>525</td></tr>
<tr><td>Green gram</td><td>-</td><td>485</td></tr>
<tr><td>Groundnut</td><td>1465</td><td>1786</td></tr>
<tr><td>Sugarcane</td><td>-</td><td>55655</td></tr>
<tr><td>Mango</td><td colspan="2">4.15(t/ha) (Year-round)</td></tr>
<tr><td>Banana</td><td colspan="2">13.83(t/ha) (Year-round)</td></tr>
<tr><td>Potato</td><td>-</td><td>11798</td></tr>
<tr><td>Onion</td><td>-</td><td>7217</td></tr>
</table>
</td></tr>
<tr><td>6</td><td>Mean yearly temperature, rainfall, humidity of the district</td><td>
<table>
<tr><td>Annual Rainfall</td><td>1577 mm</td></tr>
<tr><td>Temperature (Max. & Min.)</td><td>39°C and 11.5°C</td></tr>
</table>
</td></tr>
</table>

			Climate	Hot, humid, and sub-humid
7	Production of major livestock products like milk, egg, meat etc.	Milk production (000 MT)	149.79	
		Egg Production (Millions)	52	
		Meat (except poultry) in MT	6275.73	

Note: Please give recent data only

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

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.	-	Tangi-Choudwar	Chadaipada Jaripada Kankali Mahulasahi Karanji	Rice, Pulse, Vegetable, Dairy, poultry, goatery Mushroom	-	-
2.	-	Nischintakoili	Sankilo Kerilo Bandhakatia	Rice, Pulse, Vegetable, Oilseed, Dairy	-	-
3.	-	Baramba	Mangarajpur Abhimanpur Telenia Haritha	Rice, Pulse, Vegetable, Oilseed, Dairy, poultry, goatery Mushroom	-	-

			Gopinathpur Badabhumi			
4.	-	Tigiria	Tentuliragadi	Rice, Pulse, Vegetable	-	-
5.	-	Niali	Juanga Dahijanga Sundarda	Rice, Pulse, Dairy, poultry, goatery, Mushroom	-	-
6.		Banki	Pathapur Vagipur Anuari Veda	Rice, Pulse, Vegetable, Oilseed		
7.		Salipur	Mohanapur Biswanathpur Ganahara Ganeswarpur	Rice, Pulse, Vegetable, Dairy, poultry, goatery		
8.		Mahanga	Laptuan Mulabasanta	Rice, Pulse, Vegetable, Dairy, poultry, goatery, Mushroom		

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2022) for its development and action plan

Name of village	Block	Action taken for development
Tentuliragdi	Tigiria	FLD, OFT, Training etc
Regdapada	Athagarh	CFLD oilseed, FLD, OFT, Training etc
Sundarda	Niali	CFLD Pulse, FLD, OFT, Training etc
Gudupada	Athagarh	FLD, OFT, Training etc
Dhanmandal	Kantapada	Seed Hub, CFLD Pulse, FLD, OFT, Training etc
Ganeswarpur	TangiChoudwar	Seed Hub, FLD, OFT, Training etc
Juanga	Niali	FLD, OFT, Training etc
Mangarajpur	Badamba	Animal Health Camp, FLD, OFT, Training etc

Abhaypur	TangiChoudwar	Animal Health Camp, FLD, OFT, Training etc
Rajhans	Cuttack Sadar	FLD, OFT, Training etc
Chadheipada	TangiChoudwar	Seed hub, CFLD Pulse, FLD, OFT, Training etc
Kherosh	Kantapada	Seed hub, FLD, OFT, Training etc
Karanji	TangiChoudwar	FLD, OFT, Training, Animal Health campetc
Sankilo	Nischintakoili	FLD, OFT, Training etc
Baliapada	Nischintakoili	Seed Hub, FLD, OFT, Training etc
Laptuan	Mahanga	FLD, OFT, Training, ARYA etc
Chhagharia	Tangi-Choudwar	FLD, OFT, Training, Animal Health camp etc.
Mahulasahi	Tangi-Choudwar	FLD, training, Animal Health camp etc

2.1 Priority thrust areas

Sl. No	Thrust area
1.	Introduction of high yielding and hybrid rice varieties
2.	Weed management in rice
3.	Integrated nutrient management in rice and vegetables
4.	Integrated pest and disease management in rice and vegetables
5.	Production of quality seeds of rice and vegetables
6.	Cultivation of high yielding groundnut varieties
7.	Cultivation of high yielding green gram and black gram varieties
8.	Introduction of tissue culture banana
9.	Scientific dairy management
10.	Rearing of improved poultry birds and ducklings
11.	Introduction of azolla in animal feed
12.	Cultivation of perennial and seasonal fodder production
13	Drudgery reduction in rural women

14	Balanced diet for rural women
15	Mushroom cultivation as source of income generation
16	Value addition of agricultural produce

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
09	09	97	32	38	2	5	8	12	42	55	97	17	17	239	82	121	5	7	9	15	96	143	239

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	
72	50	1800	60	48	9	22	578	556	618	653	1317	382	388	9556	576	224	120	75	5258	2525	5954	2824	8778

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
100	100	02	00	02	00	04	03	08	03	11	9556	8778	02	01	02	02	07	05	11	08	19

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement

12 (Paddy)	12 (Paddy)	-	-

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

* 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	2	Mass	2	5.25	5.14	-	-
Seminar/conference/ symposia papers	1	Mass	-	-	-	-	-
Books	1	Mass	-	-	-	-	-
Bulletins	3	6000	-	-	-	-	-
Newsletter	4	Mass	-	-	-	-	-
Popular Articles	4	Mass	-	-	-	-	-
Book Chapter	1	Mass	-	-	-	-	-
Extension Pamphlets/ literature	1	-	-	-	-	-	-
Technical reports	-	-	-	-	-	-	-
Electronic Publication (CD/DVD etc)	-	-	-	-	-	-	-
TOTAL	17	6000					

1 Achievements on technologies assessed and refined

OFT-1

1.	Title of on farm Trial	Assessment of the performance of biofortified cauliflower variety for its improved nutritional quality
2.	Problem diagnosed	Biofortified crops are more nutrient dense than non –biofortified varieties
3.	Details of technologies selected for assessment/refinement. (Mention either Assessed or Refined)	Assessment Cultivation of different cauliflower cultivars TO-I: FP: Farmers Practice-Kirmaya, Barkha TO-II: -Valentina (Syngenta) TO-III: Carotena (Syngenta)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR (IARI,2012)
5.	Production system and thematic area	Irrigated medium land Varietal substitution
6.	Performance of the Technology with performance indicators	Organoleptic test and shelf life after harvest, % of disease infestation, yield/plant, B:C ratio
7.	Final recommendation for micro level situation	Crops are vegetative stage. Results awaited
8.	Constraints identified and feedback for research	Carotina cauliflower is small and good in taste. But Valentina is good in colour, size and taste.
9.	Process of farmers participation and their reaction	Farmers accepted Valentina cauliflower for its taste and colour.

Thematic area:Varietal substitution

Problem definition: Biofortified crops are more nutrient dense than non –biofortified varieties.

Technology assessed:

- TO-I: FP: Farmers Practice-Kirmaya, Barkha
- TO-II: -Valentina
- TO-III: Carotena

Table:

Technology option	No. of trials	Yield and quality component			Disease/ infested plants (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Curd weight /plant (g)	Shelf life	Organol eptic test						
TO-I:FP	10	800	4	Good	30	300	125000	250000	125000	2.0
TO-II	10	800	7	Best	2	400	135000	400000	265000	2.96
TO-II	10	650	7	Best	9	325	135000	325000	195000	2.5

OFT on Biofortified Cauliflower

OFT-2

1.	Title of on farm Trial	Assessment of the performance of Ridge gourd varieties as off-season crop in winter season
2.	Problem diagnosed	Due to low temperature, flowering and fruiting gets reduced drastically in Ridge gourd.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessment Cultivation of different Ridge gourd cultivars: • FP: Farmers Practice-Naga • TO-I: Ridge gourd: Arka Vikram • TO-II:Ridge gourd: Rama seed
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR(IIHR,2016)
5.	Production system and thematic area	Irrigated medium land Varietal substitution
6.	Performance of the Technology with performance indicators	Length of fruit, weight of fruit, Nos of fruit/tree, Sale price per Kg (Rs), Keeping quality (days), yield/ha, BC ratio
7.	Final recommendation for micro level situation	Need to be evaluated for another one year for more uniformity in results.
8.	Constraints identified and feedback for research	Fruits are too long and needs to be medium length for more consumer acceptance
9.	Process of farmers participation and their reaction	Although it is high yielder in off season, but the size should be of medium length for more consumer acceptance.

Thematic area: Varietal substitution

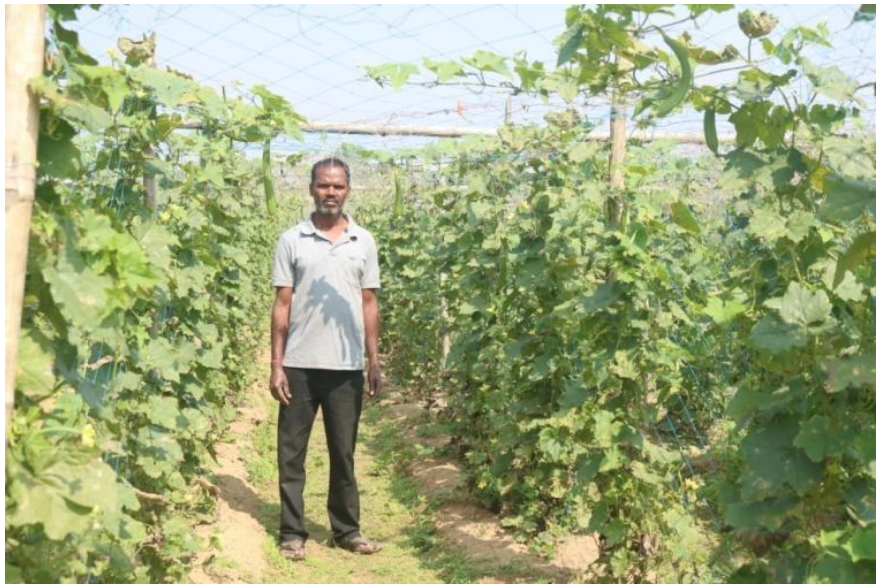
Problem definition: Due to low temperature, flowering and fruiting gets reduced drastically in Ridge gourd.

Technology assessed:

- FP: Farmers Practice-Naga
- TO-I: Ridge gourd: ArkaVikram
- TO-II: Ridge gourd: Rama seed

Table:

	No. of trials	Yield component			Disease infested plants (%)	Pest infested plant(%)	Yield(q/ha)	Cost of cultivation(Rs./ha)	Gross return (Rs/ha)	Net return(Rs./ha)	BC ratio
		No. of fruits/plant	Fruit weight(g)	Yield per plant(kg)							
FP	7	55	60	4	60	40	120	75000	120000	45000	1.6
TO-I	7	140	90	12.6	5	8	220	75000	220000	145000	2.93
TO-II	7	110	95	10.4	11	6	180	75000	180000	105000	2.4



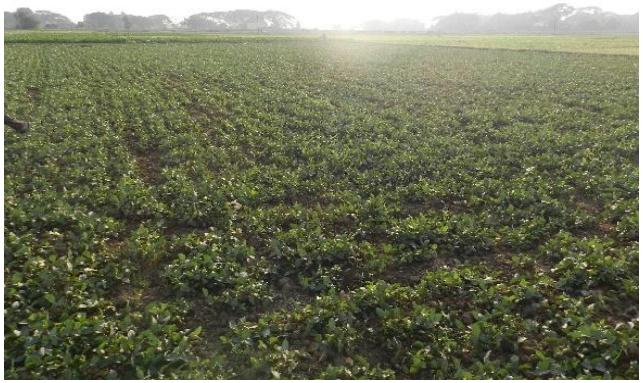
OFT on Ridge Gourd

OFT-3

1.	Title of on farm Trial	Assessment of Mo and Rizobium seed treatment on yield of green gram
2.	Problem diagnosed	Poor nodulation in root
3.	Details of technologies selected for assessment/refinement	TO-I: -farmers practice TO-II: seed treatment with Rhizobium (200g/10kg seed) TO-III: seed treatment with Rhizobium (200 g/10kg seed) & Mo (3g/kg seed)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OUAT,2006
5.	Production system and thematic area	Rice-Pulse Soil Fertility Management
6.	Performance of the Technology with performance indicators	Yield (q/ha), No of grains/plant, no of nodules/plant, test weight.
7.	Final recommendation for micro level situation	Need to be evaluated for another one year for more uniformity in results.
8.	Constraints identified and feedback for research	Result awaited
9.	Process of farmers participation and their reaction	

Table:

Technology option	**No. of trials**	**Yield component**			**Cost of cultivation (Rs./ha)**	**Gross return (Rs/ha)**	**Net return (Rs./ha)**	**BC ratio**
		No. of fruits/plant	**Yield (q/ha)**	**Yield increase in %**				
TO-I: -farmers practice	10	Awaited						
TO-II: seed treatment with Rhizobium (200g/10kg) seed	10	Awaited						
TO-III: seed treatment with Rhizobium (200g/10kg seed) & Mo (3g/kg seed)	10	Awaited						



OFT on Mo and Rhizobium seed treatment on yield of green gram

OFT-4

1.	Title of on farm Trial	Assessment of Lime and Boron application in tomato
2.	Problem diagnosed	Low yield and fruit cracking in tomato due to soil acidity and B deficiency
3.	Details of technologies selected for assessment/refinement	TO-I: -farmers practice TO-II: Foliar application of Boron (0.3%) TO-III: soil amelioration with lime & Foliar application of Boron (0.3%)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Department of Soil Science, OUAT, Bhubaneswar
5.	Production system and thematic area	INM Rice-Vegetable
6.	Performance of the Technology with performance indicators	No. of fruits/plant, yield (qt./ha), Yield increase in %, B:C ratio
7.	Final recommendation for micro level situation	Soil amelioration with foliar application will help in increasing the yield and also useful for soil health and nutrient availability.
8.	Constraints identified and feedback for research	Recommendation of Lime as well as liming material like PMS/Dolomite etc should be given.

9.	Process of farmers participation and their reaction	Farmers are interested to take up the technology in the coming Rabi season.

Table:

Technology option	No. of trials	Yield component			Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of fruits/plant	Yield (q/ha)	Yield increase in %				
TO-I: Farmers practice	10	58	11.34	-	1,21,000	2,43,500	1,22,500	2.01
TO-II: Foliar application of Boron (0.3%)	10	86	15.19	35.48	1,27,000	2,89,000	1,62,000	2.27
TO-III: Soil amelioration with lime & Foliar application of Boron (0.3%), N as recommended dose and Mulching.	10	117	17.45	54.13	1,29,500	3,01,000	1,71,500	2.32

OFT on Lime and Boron application in tomato

OFT-5

1.	Title of On-Farm Trial	Assessment of humidity/moisture management in paddy straw mushroom in high temp.
2.	Problem diagnosed	Low production and growth of other mushroom
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO-I: Cultivation of paddy straw mushroom with bundle straw substrate (3 layers) with covering the floor with sand in moist condition and spreading wet gunny bag along the windows / wall TO-II: Cultivation of paddy straw mushroom with bundle straw substrate (3 layers) with covering the floor with 2-inch sand in moist condition with fogger
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CTMRT, 2016
5.	Production system and thematic area	Homestead, Income generation
6.	Performance of the Technology with performance indicators	Better performance has been achieved in Cultivation of Paddy Straw Mushroom using moist sand. Pin head appearance (days), Days of harvesting, Biological Efficiency (%)
7.	Final recommendation for micro level situation	Paddy straw Mushroom can be cultivated in hot summer with proper management of humidity and moisture.
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Trainings, group meetings and input distribution

Thematic area:

Problem definition: Increase cost of unscrambled paddy straw due to its low availability

Technology assessed: Mushroom production by using scrambled paddy straw in Box/ cage method (soaking in water-8 hr, paddy straw 7 kg, and pulse powder 3%)

Technology option	No. of trials	Performance indicators			Yield component (kg/bed)	Cost of cultivation (Rs./bed)	Gross return (Rs/bed)	Net return (Rs./ha)	BC ratio
		Pin head appearance	Days of harvesting	Biological Efficiency (%)					
TO1	13	9	14	9.7	0.95	58	152	94	2.6
TO2	13	7	12	11.5	1.20	58	192	134	3.3

OFT-6

1.	Title of On-Farm Trial	**Assessment of value-added products of green Mango**
2.	Problem diagnosed	Distress sale of tomato during peak season, non-availability of storage space
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO-I: Preparation of Mango split- Washing and peeling the mango, then cutting into slices, dipping in 2% salt solution, and drying TO-II: Preparation of Amchoor Powder-Drying of mango in solar dryer and after dipping in 2% salt solution for an hour and dipping in 2000ppm SO_2 solution for 2 hour and grinding.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Post-Harvest Technology Centre, TNAU (2015)
5.	Production system and thematic area	Homestead, Value addition
6.	Performance of the technology with performance indicators	Value addition of green mango as Amchoor Powder is giving better B:C ratio
7.	Final recommendation for micro level situation	Mango splits and Amchoor Powdercan be prepared from the green mango

8.	Constraints identified and feedback for research	Solar dryer should be available in time. Establishment of more agro-service centers in the district for popularization
9.	Process of farmers participation and their reaction	Trainings, group meetings and input distribution

Table:

Technology option	**No. of trials**	**Performance indicators** (Shelf life)	**Yield component** (Processed material)	**Cost of value addition (Rs./kg)**	**Gross return (Rs/kg)**	**Net return (Rs./kg)**	**BC ratio**
TO-I	7	10 months	10/6 kg	289	480	241	1.7
TO-II	7	12 months	10/4 kg	395	960	565	2.4

OFT-7

1.	Title of on farm Trial	Assessment of performance evaluation of Mineral and salt supplementation on milk yield of dairy cows
2.	Problem diagnosed	Low milk yield
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Technology assessed: T_1: Farmer practice T_2: Feeding of **inorganic mineral mixture** @ 30-40 g/d **common salt** (20 g/d) from 6^{th} months of pregnancy till 90^{th} day of lactation (6 months feeding) T_3: Feeding of **organic mineral mixture** @ 30-40 g/d **common salt** (20 g/d) from 6^{th} months of pregnancy till 90^{th} day of lactation (6 months feeding)
4.	Source of Technology	IVRI-2012
5.	Production system and thematic area	Homestead and Nutritional evaluation
6.	Performance of the Technology with performance indicators	Milk yield, Lactation yield, Lactation length, days of first heat, no. of AI per conception, BC ratio
7.	Final recommendation for micro level situation	Organic and inorganic mineral mixture along with common salt give encouraging result in maintaining production and reproduction traits. organic mineral supplementation exhibits similar effect as inorganic one in cows yielding 5-10 litres milk per day.

8.	Constraints identified and feedback for research	Availability of good quality mineral mixture at proper price and lack of awareness about the critical period supplementation.
9.	Process of farmers participation and their reaction	Farmers got encouraged by effect of supplementation and supplementing at critical periods

Thematic area: Nutritional evaluation

Problem definition: Low milk yield Technology assessed:
TO_1: Farmer practice
TO_2: Feeding of **inorganic mineral mixture** @ 30-40 g/d **common salt** (20 g/d) from 6th months of pregnancy till 90th day of lactation (6 months feeding)
TO_3: Feeding of **organic mineral mixture** @ 30-40 g/d **common salt** (20 g/d) from 6th months of pregnancy till 90th day of lactation (6 months feeding)

Technology option	No. of trials	Yield component			Days to heat	Incidence of retention of placenta (%)	Gross investment (Rs/cow/ month)	Gross return (Rs/cow/ month)	Net return (Rs./cow/ month)	BC ratio
		Average milk yield (kg/animal/day)	Milk fat (%)	Milk solids-not-fat (%)						
TO1: Farmers Practice	13	5.58	4.52	8.1	108	30	3000	5400	2400	1.80
TO2: Feeding of **inorganic mineral mixture** @ 30-40 g/d **common salt** (20 g/d) from 6th months of pregnancy till 90th day of lactation (6 months feeding)	13	6.21	4.65	8.92	88	10	3100	6000	2900	1.94
TO3: Feeding of **organic mineral mixture** @ 30-40 g/d **common salt** (20 g/d) from 6th months of pregnancy till 90th day of lactation (6 months feeding)	13	6.56	4.68	8.95	82	8	3200	6300	3100	1.97

OFT-8

1.	Title of on farm Trial	Assessment of the backyard poultry breeds in backyard system
2.	Problem diagnosed	Low body weight and low egg production of deshi poultry
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Technology assessed: Rearing of backyard poultry varieties TO1: Farmers Practice TO2: Aseel TO3: Kadaknath
4.	Source of Technology	CARI-2012
5.	Production system and thematic area	Homestead and varietal evaluation
6.	Performance of the Technology with performance indicators	Mortality rate, Body weight gain, Age of first laying, Egg production, BC ratio
7.	Final recommendation for micro level situation	Aseel is more suitable and preferred than other breeds in homestead farming situations
8.	Constraints identified and feedback for research	Availability of chicks and batch wise variation in performance.
9.	Process of farmers participation and their reaction	Aseel and Kadaknath performed similar to each other, but better in farmers field than local poultry.

Thematic area: Varietal evaluation

Problem definition: Low body weight and low egg production of deshi poultry
Technology assessed:
Rearing of improved duck varieties
TO1: Farmers Practice
TO2: Aseel
TO3: Kadaknath

Technology option	No. of trials	Survivability	Weight at 6 months (kg)	Eggs per month (No.)	Gross investment (Rs/20 birds)	Gross return (Rs/ 20 birds)	Net return (Rs/ 20 birds)	BC ratio
TO1: Farmers Practice	13	75	1.2	14	2200	6800	4600	3.09
TO2: Aseel	13	95	2.1	18	2800	9800	7000	3.5
TO3: Kadaknath	13	94	2.0	17	2800	9600	6800	3.4

OFT-9

1.	Title of On farm Trial	Assessment of rice variety CR-Dhan 101,102 against local variety in drought condition
2.	Problem diagnosed	High crop loss due to drought especially in reproductive phase
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Drought tolerant varieties impart resilience to farmers in extreme weather condition TO-1: Farmers Practice TO-2: Tolerant variety –CR-Dhan 101
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	NRRI, Cuttack
5.	Production system and thematic area	Rice-pulse
6.	Performance of the Technology with performance indicators	Plant height, effective tiller/sq. m, filled grain/panicle, grain yield, net income, B:C
7.	Constraints identified and feedback for research	Local rice varieties are more sensitive to drought or less soil moisture situation particularly during reproductive stage.
8.	Process of farmers participation and their reaction	Farmers are satisfied with the yield enhancement as well as with the net income

Thematic area:

Problem definition: High crop loss due to drought especially in reproductive phase
Technology assessed: Assessment of rice variety CR-Dhan 101against local variety in drought condition

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield(q/ha)	Cost of cultivation(Rs./ha)	Gross return (Rs/ha)	Net return(Rs./ha)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
Farmers practice(Local)	10	7	210	23		45q	62,500	91,800	29,300	1.4
TO-I: Drought tolerant variety – CR-Dhan 101	10	13	270	25		54q	57,000	1,10,160	53,160	1.9

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	Effect of real time nitrogen management by CLCC in Rice	Need based N application will reduce N loss and increase efficiency (NRRI, Cuttack-2010)	02	02	2	0	0	0	11	0	11	0	13	
2.	Green gram	INM strategies for	Use of NPK-Seed treatment with	03	03	2	0	0	0	11	0	11	0	13	

		pulse cultivation (Mung)	Rhizobium culture (@200g/kg seed),20:40:20 and B application (@1kg B/ha) (OUAT)												
3.	Cauliflower	Demonstration of incubated bio fertilizer in cauliflower	Azotobacter + PSB (1:1) @ 5 kg/ha mixed with FYM (1:25) under shade at 30% moisture for 7 days & applied at the time of planting	02	02	3	0	0	0	10	0	13	0	13	
4.	Rice	Demonstration of NRRI developed new variety CR Dhan 1009 Sub-1	CR Dhan 101 of 110 days duration	01	1ac	0	0	0	0	3	0	3	0	3	

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	Irrigated	Red lateritic	160	12.5	185	Greengram	August 12	December 20		
Green gram	Rabi	RF	Red lateritic	145	12	192	Rice	January 26	_		
Cauliflower	Rabi	Irrigated	Alluvial	175	18	205	rice	November10	January 17		
Rice	Kharif	Irrigated	Alluvial	155	11	185	Fallow	Aug 12	December 25		

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

Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Groundnut	Integrated Nutrient Management.	INM in Groundnut for higher productivity.	50	20	16.87	13.50	24.9	54000	100000	46000	1.85	50000	82000	28000	1.64
Total			50	20	16.87	13.50	24.9	54000	100000	46000	1.85	50000	82000	28000	1.64

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

Pulses

Frontline demonstration on pulse crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Green gram	INM strategies for pulse cultivation	Use of NPK-Seed treatment with Rhizobium culture (@200g/kg seed),20:40:20 and B application (@1kg B/ha) (OUAT)	13	03	Awaited			0	0	0	0	0	0	0	0

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

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Broccoli	Crop diversification	Broccoli cultivation: high value vegetable crop for diversification	10	1	162	243	-50	2	1	90000	405000	315000	4.5	110000	291600	181600	2.65
Pro tray	Nursery raising	Plug tray technology: Improved method of nursery raising	10	10 units	324	270	20	-	---	110000	291600	181600	2.65	109000	245000	136000	2.24
Red cabbage	High value crop	Demonstration on Red cabbage: a crop for more qualitative attributes	10	1	400	300	33	1	1	135000	400000	265000	2.96	125000	250000	125000	2.0
Rice	INM	Need based N application will reduce N loss and increase efficiency (NRRI, Cuttack-2010)	13	02	48.05	44.5	8.20			29500	68500	39000	1.61	32000	61290	29290	1.52
Green gram	INM strategies for pulse cultivation	Use of NPK-Seed treatment with Rhizobium culture (@200g/kg seed),20:40:20 and B application (@1kg B/ha) (OUAT)	13	03	Awaited					0	0	0	0	0	0	0	0

Cauliflower	INM in vegetable	Azotobacter + PSB(1:1) @ 5 kg/ha mixed with FYM(1:25) under shade at 30% moisture for 7 days & applied at the time of planting	13	02	257	242	6.12	Shelf-life 5days	Shelf-life3days	63600	180000	116000	2.92	60000	150000	90000	2.53
Rice	Varietal Replacement	CR Dhan 1009 Sub-1of 155 days duration	07	01	55.05	44.00	21			29500	68500	39000	1.61	32000	61290	29290	1.52

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
Poultry	Varietal substitution	Demonstration on backyard poultry rearing	40	20	1.8 kg	0.8 kg	125	2.9 kg	1.8 kg	2000	6960	4960	3.48	1800	5400	3600	3.0
Duck	Varietal substitution	Demonstration on improved variety of duck	25	20	1.9 kg	0.9 kg	130	160 egg	90 egg	1200	4000	2800	3.33	1000	2400	1600	2.4

* 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
Oyster mushroom	Enterprise development	20	50	2.0	1.2	40%	Days to first flush 22-24 days	Days to first flush 28-30 days	45	200	155	4.4	45	120	75	2.7
Nutrition Garden	Nutritional security	10	640m^2	2650	976	171.5 2	-	-	19112	53339.7	34228	2.8	13388	28675.8	15287.8	2.1
Pulses	Value addition	10	50	10/9 kg	10/7.5kg	16.6	-	-	800	1800	1000	2.25	800	1125	325	1.4
Tomato	Value addition	10	30	10/6kg	10/3kg	50	-	-	250	900	650	3.6	250	450	200	1.8

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

Women empowerment

Category	Name of technology	No. of demonstrations	Observations		Remarks
			Demonstration	Check	
Farm Women					
Pregnant women					
Adolescent Girl					
Other women					
Children					
Neonatal					
Infants					

Farm implements and machinery

Name of the implement	Crop	Name of the technology demonstrated	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit)			
					Demonstration	Check									

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

**** BCR= GROSS RETURN/GROSS COST**

Demonstration details on crop hybrids

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha)/ major parameter			Economics (Rs./ha)			
Cereals				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Finger millet	VL-379	10	1	1875	750	150	42,500/-	75000/-	32500/-	1.7
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (Pl.specify)										

Total										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (Pl.specify)										
Total										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (Pl.specify)										
Total										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato										
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (Pl.specify)										
Total										
Commercial crops										
Cotton										

Coconut										
Others (Pl.specify)										
Total										
Fodder crops										
Napier (Fodder)	Super Napier	20	0.5	Results awaited						
Maize (Fodder)										
Sorghum (Fodder)										
Others (Pl.specify)										
Total										

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Finger milllet	The crop is well-established under rainfed scenario with drought like situation. It has high economic benefit than rice crop and the input cost of irrigation also too much less as comparison to other crops.

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.					
2.					
3.					
4.					

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif2022 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 gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Groundnut	Smruti	14	18	17.2	25	1.Improved seed var. DHARANI 2.Sulphur application (Sulphur mill @ 5 g/l) at pre flowering stage	25	10	20.2	16.2	18.2	100	100	-

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	Calbor,Sulphur 90% WDG,Micronutrient Mixture 3 sprays,Neempesticide,Hexaconazole 2 sprays,Thiamethoxam	50000	101500	51500	2.03	53000	132500	79200	2.5

C. Socio-economic impact parameters

Sl. No.	Crop and varietyDemonstrated	Total ProduceObtained (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	Groundnut and	40000	200	50	2450	19000	Education,Mar	10

	farmers variety						riage	

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	Calbor, Sulphur 90% WDG,Micronutrient Mixture 3 sprays,Neempesticide,Hexaconazole 2 sprays, Thiamethoxam	Yes, it is suitable to their farming system and gives higher yield.	Well preference over control var. Smrutias it has bold seed and high yield.	Yes, it's in affordable range.	NIL	Yes, acceptable to all	NIL

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
1.Calbor, Sulphur 90% WDG	It enhances pod size, pod number and quality of pods.	Without sulphur, plants bear less no of branches and hollow pods.	Farmers are happy to see the result of more than 30 pods per plant and quality of pods.
2.Hexaconazole andThiamethoxam	Less disease, pest		

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Field survey	22.6.2022 Kanpur	25
2	Input distribution	14.7.22Kanpur 18.1.2023 Jodum	50 50
3	Diagnostic visit	8.9.2022 Kanpur 22.2.23 Jodum	50
4	Field day	7.10.2022 Kanpur 24.3.23 Jodum	100

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

H. Farmers' training photographs

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

J. Details of budget utilization

Crop (Provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input	1,20,000.00	98250.00	12000.00
	ii) TA/DA/POL etc. for monitoring		9,750.00	
	iii) Extension Activities (Field Day)			
	iv)Publication of literature			
	Total		**1,08,000.00**	

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation/irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil & water conservation	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated nutrient Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Off0season vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0	0	0	0	0	0
Exotic vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (a)	0	0	0	0	0	0	0	0	0	0	0	0	0
b) Fruits													
Training and Pruning	0	0	0	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (b)	0	0	0	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants													
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (c)	0	0	0	0	0	0	0	0	0	0	0	0	0
d) Plantation crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (d)													

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
e) Tuber crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (e)													
f) Spices													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (f)	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants													
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (g)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total(a-g)	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management													
Soil fertility management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0
Balance Use of fertilizer	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil & water testing	0	0	0	0	0	0	0	0	0	0	0	0	0
others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Livestock Production and Management													
Dairy Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	1	0	20	20	5	0	5	0	0	0	5	20	25
Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Feed & fodder technologies	1	0	21	21	0	4	4	0	0	0	0	25	25
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**2**	**0**	**41**	**41**	**5**	**4**	**9**	**0**	**0**	**0**	**5**	**45**	**50**
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	0	0	0	0	0	0	0	0	0	0	0	0	0
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing & cooking	0	0	0	0	0	0	0	0	0	0	0	0	0

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
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	1	0	25	25	0	0	0	0	0	0	0	25	25
Women empowerment	0	0	0	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**1**	**0**	**25**	**25**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**25**	**25**
VI. Agril. Engineering													
Farm machinery & its maintenance	0	0	0	0	0	0	0	0	0	0	0	0	0
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
VII. Plant Protection													
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio0control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Fisheries													
Integrated fish farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
IX. Production of Input at site													
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio0agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio0pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio0fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0

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
Vermi0compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee0colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Mushroom production	0	0	0	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics													
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
XI. Agro forestry													
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)													
GRAND TOTAL	**3**	**0**	**66**	**66**	**5**	**4**	**9**	**0**	**0**	**0**	**5**	**70**	**75**

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	1	22	3	25	0	0	0	0	0	0	22	3	25
Vermiculture	0	0	0	0	0	0	0	0	0	0	0	0	0
Mushroom Production	1	13	12	25	0	0	0	0	0	0	13	12	25
Beekeeping	0	0	0	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	35	15	50	0	0	0	0	0	0	35	15	50

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0

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		0	0	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	1	0	20	20	0	3	3	0	2	2	0	25	25
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	20	20	0	3	3	0	2	2	0	25	25

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation/irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil & water conservation	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated nutrient Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Off0season vegetables	2	40	0	40	8	0	8	2	0	2	50	0	50
Nursery raising	2	40	0	40	8	0	8	2	0	2	50	0	50
Exotic vegetables	2	35	0	35	15	0	15	0	0	0	50	0	50
Export potential vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation	2	40	0	40	8	0	8	2	0	2	50	0	50
INM	2	50	0	50	0	0	0	0	0	0	50	0	50
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (a)	10	205	0	205	39	0	39	6	0	6	250	0	250
b) Fruits													
Training and Pruning	0	0	0	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0	0	0	0

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 young plants/orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
INM	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (b)	0	0	0	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants													
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
INM	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (c)	0	0	0	0	0	0	0	0	0	0	0	0	0
d) Plantation crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (d)	0	0	0	0	0	0	0	0	0	0	0	0	0
e) Tuber crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (e)	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (f)	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants													
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	02	42	8	50	0	0	0	0	0		42	8	50
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	01	18	7	25	0	0	0	0	0	0	18	7	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
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0
Balance Use of fertilizer	02	38	12	50	0	0	0	0	0	0	38	12	50
Soil & water testing	03	63	12	75	0	0	0	0	0	0	63	12	75
others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	8	161	39	200	0	0	0	0	0	0	161	39	200
IV. Livestock Production and Management													
Dairy Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry Management	3	5	53	58	11	6	16	0	0	0	16	59	75
Piggery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Feed & fodder technologies	4	0	81	81	0	11	11	0	8	19	0	100	100
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others(sheep and goat rearing)	2	0	40	40	0	5	5	0	5	5	0	50	50
Sheep and goat production	1	0	17	17	0	8	8	0	0	0	0	25	25
Sheep and goat management	2	0	50	50	0	0	0	0	0	0	0	50	50
Total	**12**	**5**	**241**	**246**	**11**	**30**	**40**	**0**	**13**	**24**	**16**	**284**	**300**
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	2	2	39	41	0	5	5	0	4	4	2	48	50
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing & cooking	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	2	0	46	46	0	4	4	0	0	0	0	50	50
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Women empowerment	0	0	0	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	4	2	85	87	0	9	9	0	4	4	2	98	100
VI. Agril. Engineering													
Farm machinery & its maintenance	0	0	0	0	0	0	0	0	0	0	0	0	0
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing and value	0	0	0	0	0	0	0	0	0	0	0	0	0

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
addition													
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
VII. Plant Protection													
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio0control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Fisheries													
Integrated fish farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
IX. Production of Input at site													
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio0agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio0pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio0fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi0compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee0colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Mushroom production	2	0	47	47	0	0	0	0	3	3	15	35	50
Apiculture	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	0	47	47	0	0	0	0	3	3	15	35	50
X. Capacity Building and Group Dynamics													
Leadership development	2	0	46	46	0	4	4	0	0	0	0	50	50
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0

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
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	0	46	46	0	4	4	0	0	0	0	50	50
XI. Agro forestry													
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)													
GRAND TOTAL	**36**	**373**	**412**	**785**	**50**	**39**	**88**	**6**	**20**	**37**	**444**	**456**	**900**

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermiculture	0	0	0	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Beekeeping	0	0	0	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0

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
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation/irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil & water conservation	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated nutrient Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Off0season vegetables	2	40	0	40	8	0	8	2	0	2	50	0	50
Nursery raising	2	40	0	40	8	0	8	2	0	2	50	0	50
Exotic vegetables	2	35	0	35	15	0	15	0	0	0	50	0	50
Export potential vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation	2	40	0	40	8	0	8	2	0	2	50	0	50
INM	2	50	0	50	0	0	0	0	0	0	50	0	50
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (a)	**10**	**205**	**0**	**205**	**39**	**0**	**39**	**6**	**0**	**6**	**250**	**0**	**250**
b) Fruits													
Training and Pruning	0	0	0	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
INM	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (b)	0	0	0	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants													
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0

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
INM	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (c)	0	0	0	0	0	0	0	0	0	0	0	0	0
d) Plantation crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (d)	0	0	0	0	0	0	0	0	0	0	0	0	0
e) Tuber crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (e)	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (f)	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants													
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	02	42	8	50	0	0	0	0	0		42	8	50
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	01	18	7	25	0	0	0	0	0	0	18	7	25
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0
Balance Use of fertilizer	02	38	12	50	0	0	0	0	0	0	38	12	50
Soil & water testing	03	63	12	75	0	0	0	0	0	0	63	12	75
others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**8**	**161**	**39**	**200**	**0**	**0**	**0**	**0**	**0**	**0**	**161**	**39**	**200**
IV. Livestock Production and Management													
Dairy Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry Management	3	5	53	58	11	6	17	0	0	0	16	59	75
Piggery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	1	0	20	20	5	0	5	0	0	0	5	20	25
Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Feed & fodder technologies	5	0	102	102	0	15	15	0	8	8	0	125	125
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others (sheep and goat rearing)	2	0	40	40	0	5	5	0	5	5	0	50	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
Sheep and goat production	1	0	17	17	0	8	8	0	0	0	0	25	25
Sheep and goat management	2	0	50	50	0	0	0	0	0	0	0	50	50
Total	**14**	**5**	**282**	**287**	**16**	**34**	**50**	**0**	**13**	**13**	**21**	**329**	**350**
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	2	2	39	41	0	5	5	0	4	4	2	48	50
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing & cooking	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	2	0	46	46	0	4	4	0	0	0	0	50	50
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	1	0	25	25	0	0	0	0	0	0	0	25	25
Women empowerment	0	0	0	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**5**	**2**	**110**	**112**	**0**	**9**	**9**	**0**	**4**	**4**	**2**	**123**	**125**
VI. Agril. Engineering													
Farm machinery & its maintenance	0	0	0	0	0	0	0	0	0	0	0	0	0
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
VII. Plant Protection													
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio0control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Fisheries													
Integrated fish farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
IX. Production of Input at site													
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio0agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio0pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio0fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi0compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee0colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Mushroom production	2	0	47	47	0	0	0	0	3	3	15	35	50
Apiculture	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**2**	**0**	**47**	**47**	**0**	**0**	**0**	**0**	**3**	**3**	**15**	**35**	**50**
X. Capacity Building and Group Dynamics													
Leadership development	2	0	46	46	0	4	4	0	0	0	0	50	50
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**2**	**0**	**46**	**46**	**0**	**4**	**4**	**0**	**0**	**0**	**0**	**50**	50
XI. Agro forestry													
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)													
GRAND TOTAL	**39**	**373**	**478**	**851**	**55**	**43**	**98**	**6**	**20**	**26**	**449**	**526**	**975**

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	1	22	3	25	0	0	0	0	0	0	22	3	25
Vermiculture	0	0	0	0	0	0	0	0	0	0	0	0	0
Mushroom Production	1	13	12	25	0	0	0	0	0	0	13	12	25
Beekeeping	0	0	0	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	35	15	50	0	0	0	0	0	0	35	15	50

iii. Extension Personnel (On and Off Campus)

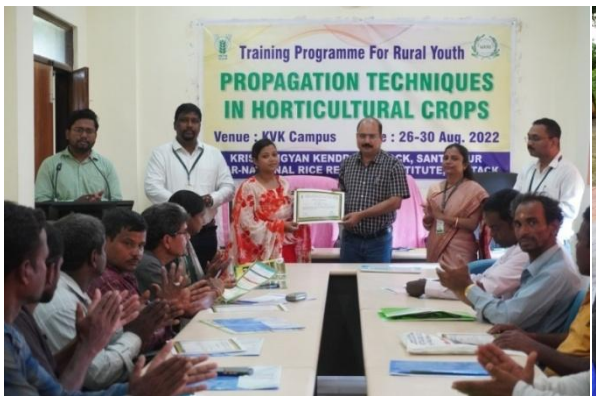
Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs		0	0	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	1	0	20	20	0	3	3	0	2	2	0	25	25
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	20	20	0	3	3	0	2	2	0	25	25

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
Horticulture	F &FW	Off-SeasonVegetableCultivation	01 × 02	Off	25	25	50	5	5	10
Horticulture	F &FW	Improved method of nursery raisingin vegetables	01 × 02	Off	36	14	50	5	0	5
Horticulture	F &FW	INM in Vegetable Crops	01 × 02	Off	23	2	25	3	0	3
Horticulture	F &FW	High value Vegetables	01 × 02	Off	40	10	50	5	2	7
Horticulture	F &FW	Protected Cultivation	01 × 02	Off	35	15	50	10	5	15
Soil Science	F &FW	Method of increase of Nitrogen use efficiency in rice	01 × 02	Off	34	16	50	11	0	11
Soil Science	F &FW	Method of soil sample collection	01 × 03	Off	62	13	75	19	5	24
Soil Science	F &FW	Integrated Nutrient Management in Rice	01 × 02	Off	50	0	50	12	0	0
Soil Science	F &FW	Acid soil management for higher production	01	Off	16	6	25	2	1	3
Home Science	F &FW	Mushroom cultivation for income generation	01 × 02	Off	15	35	50	0	3	3
Home	F &FW	Household food security by	01 × 02	Off	2	48	50	9	0	9

Science		nutritional gardening								
Home Science	F &FW	Leadership Development among women SHGs.	01 × 02	Off	0	50	50	0	4	4
Home Science	F &FW	Value addition of fruits and vegetables	01	On	0	25	25	0	2	2
Animal Science	F &FW	Feeding and fodder management of livestock	01 × 05	On/Off	2	123	125	7	12	19
Animal Science	F &FW	Scientific Poultry Rearing	01 × 03	Off	16	59	75	11	06	17
Animal Science	F &FW	Scientific methods of sheep and goat rearing	01 × 02	Off	0	50	50	5	5	10
Animal Science	F &FW	Scientific methods of sheep and goat production	01	Off	0	25	25	0	8	8
Animal Science	F &FW	Balance feed preparation for livestock	01 × 03	On/Off	10	65	75	3	10	13
Animal Science	EF	Advances in sheep and goat management	05 × 01	Off	0	25	25	0	0	0

Glimpses of Training



Horticulture

Soil Science

Home Science


Animal Science

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	
Horticulture	Planting material production	Propagation Techniques in Horticultural crops	5	22	3	25	2	2	3	
Home Science	Mushroom cultivation	Mushroom Production for entrepreneurship development	5	13	12	25	2	2	4	

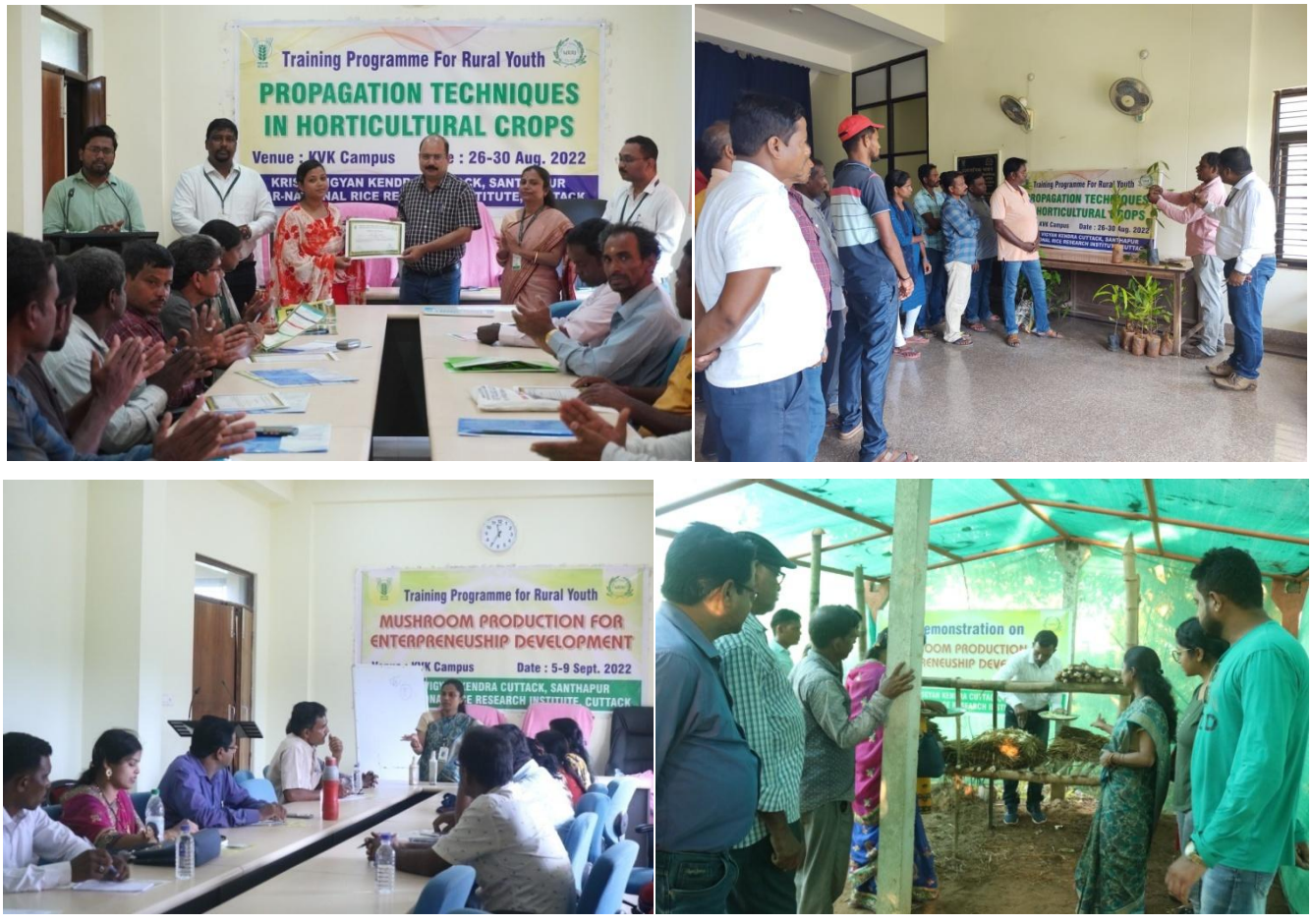
*Training title should specify the major technology /skill transferred

b) Details of participation

Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
Crop production and management													

Commercial floriculture	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial vegetable production	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated crop management	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Vegetable seed production	1	22	3	25	0	0	0	0	0	0	22	3	25
Total	1	22	3	25	0	0	0	0	0	0	22	3	25
Post harvest technology and value addition													
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock and fisheries													
Dairy farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Goat Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry Rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Income generation activities	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermicomposting	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bioagents, biopesticides,	0	0	0	0	0	0	0	0	0	0	0	0	0
biofertilizers etc.	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery &implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Mushroom cultivation	1	12	13	25	0	0	0	0	0	0	12	13	25
Nursery, grafting etc.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring, stitching,	0	0	0	0	0	0	0	0	0	0	0	0	0

embroidery, dying etc.													
Agril. Para-workers, para0vet training	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	01	25	0	25	0	0	0	0	0	0	25	0	25
Total	2	43	2	45	3	2	5	0	0	0	46	4	50
Agricultural Extension													
Capacity building and group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	2	43	2	45	3	2	5	0	0	0	46	4	50



Glimpses ofVocational training programmes for Rural Youth

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.	Scientific Dairy Management	Dairy Management	Jan.	3	PF/RY/EF	01	40	ICAR

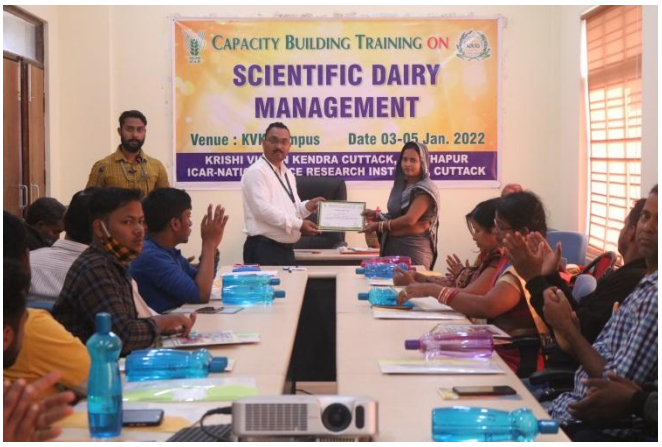
2.	Scientific feeding management of livestock	Animal Nutrition Management	Feb.	3		01	40	ICAR
3.	Scientific feeding of fishes	Fisheries Nutrition	Mar.	5	PF & RY	01	30	MANAGE & NFDB
4.	Scientific Beekeeping	Beekeeping	Mar.	7	PF & RY	01	25	National Bee Board, DAC& FW, Ministry of Agriculture and Farmers Welfare
5.	Nutritional Development Through Fish and Fish Based Product	Household nutritional security	June, Dec	2	PF & RY	02	167	World Fish Project
6.	Use of NRRI Decomposer for Ex-situ decomposition of Paddy Straw	Soil health and fertility management	Dec.	1	PF & RY	01	60	NRRI

b) Details of participation

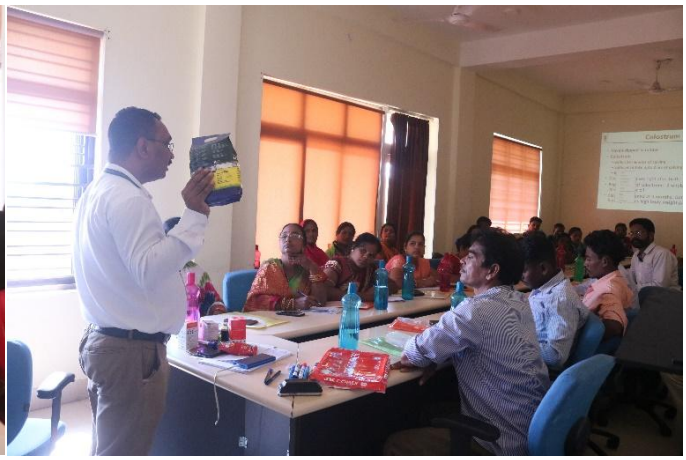
Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
Crop production and management													
Increasing production and productivity of crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial production of vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Fruit Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Spices crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil health and fertility management	01	48	12	60	0	0	0	0	0	0	48	12	60
Production of Inputs at site	0	0	0	0	0	0	0	0	0	0	0	0	0
Methods of protective cultivation	0	0	0	0	0	0	0	0	0	0	0	0	0
Bee-keeping	01	18	7	25	0	0	0	0	0	0	18	7	25
Total	**2**	**66**	**19**	**85**	**0**	**0**	**0**	**0**	**0**	**0**	**66**	**19**	**85**
Post harvest technology and value addition													

Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Farm machinery													
Farm machinery, tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock and fisheries													
Livestock production and management	0	0	0	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	1	0	0	0	0	0	0	0	0	0	0	0	40
Animal Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Fisheries Nutrition	1	0	0	0	0	0	0	0	0	0	0	0	30
Fisheries Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairy Management	01	16	19	35	2	0	2	3	0	3	21	19	40
Total	**3**	**16**	**19**	**35**	**2**	**0**	**2**	**3**	**0**	**3**	**21**	**19**	**110**
Home Science													
Household nutritional security	2	45	56	101	0	48	48	0	18	18	1	45	167
Economic empowerment of women	0	0	0	0	0	0	0	0	0	0	0	0	0
Drudgery reduction of women	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**2**	**45**	**56**	**101**	**0**	**48**	**48**	**0**	**18**	**18**	**45**	**122**	**167**
Agricultural Extension													
Capacity Building and Group Dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Grant Total	**7**	**127**	**94**	**221**	**2**	**48**	**50**	**3**	**18**	**21**	**132**	**83**	**292**

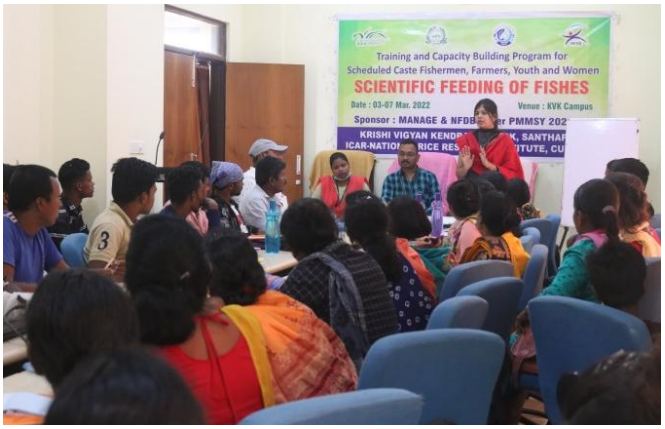
Glimpses of Sponsored Training Programmes



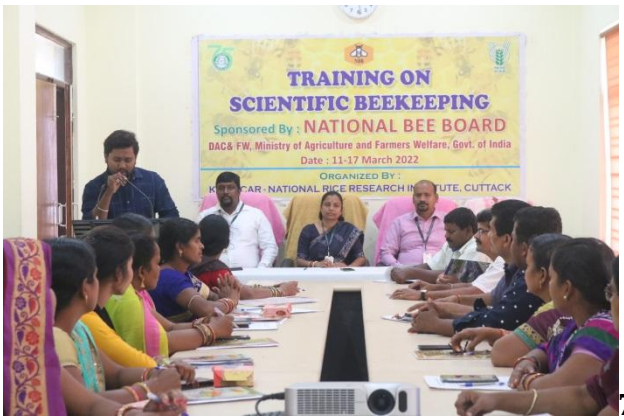
Glimpses of Training on Scientific Dairy Management



Glimpses of Training on 'Scientific feeding management of livestock'

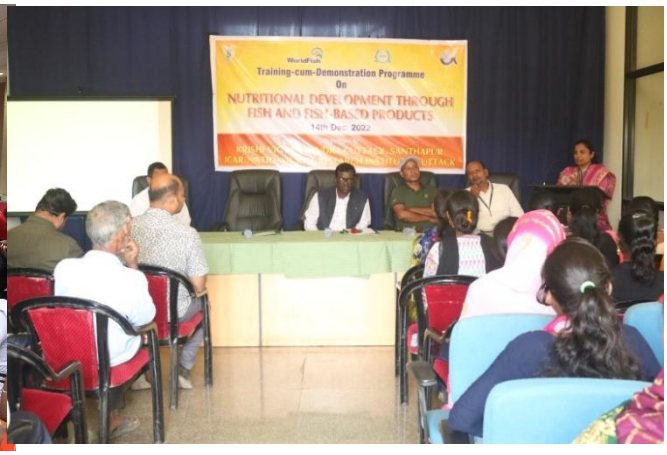


Glimpses of Training on 'Scientific feeding of fishes'



Glimpses of Training on "Scientific Beekeeping"


Glimpses of "Use of NRRI Decomposer for Ex-situ decomposition of Paddy Straw"

Glimpses of "Nutritional Development Through Fish and Fish Based Products"

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

Nature of Extension Act9ivity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	M	F	T	M	F	T
Field Day	02	117	25	142	11	6	2	8	123	27	150
KisanMela	03	173	595	768	32	5	28	33	178	623	801
KisanGhosthi	07	168	181	349	14	36	7	43	204	188	392
Exhibition	02	289	114	403	36	30	25	55	319	139	458
Film Show	36	813	452	1265	18	25	97	122	838	549	1387
Method	17	150	349	499	38	40	11	51	190	360	550

Demonstrations											
Farmers Seminar	03	105	88	193	25	15	04	19	120	92	212
Workshop	01	12	35	47	32	8	01	09	20	36	56
Group meetings	12	183	153	336	16	15	05	20	198	158	356
Lectures delivered as resource persons	42	810	583	1393	0	298	89	387	1108	672	1780
Advisory Services	92	1588	712	2300	32	0	0	0	1588	712	2300
Scientific visit to farmers field	98	565	557	1122	21	185	68	253	750	625	1375
Farmers visit to KVK	77	333	570	903	25	87	325	412	420	895	1315
Diagnostic visits	53	240	220	440	22	24	10	34	264	210	474
Exposure visits	05	36	142	198	11	0	20	20	36	162	198
Ex-trainees Sammelan	1	0	18	18	10	0	18	18	0	18	18
Soil health Camp	0	0	0	0	0	0	0	0	0	0	0
Animal Health Camp	04	138	135	273	67	10	11	21	148	146	294
Agri mobile clinic	0	0	0	0	0	0	0	0	0	0	0
Soil test campaigns	0	0	0	0	0	0	0	0	0	0	0
Farm Science Club Conveners meet	0	0	0	0	0	0	0	0	0	0	0
Self Help Group Conveners meetings	03	0	91	91	10	0	21	21	0	112	112
MahilaMandals Conveners meetings	02	0	30	30	9	0	0	0	0	30	30
Celebration of important days (specify)											
World Pulse Day	01	13	50	63	10	5	2	7	18	52	70
Awareness Campaign on Balanced Use of Fertilizers	01	18	01	19	6	5	1	6	23	02	25
International Yoga Day	01	15	04	19	6	5	1	6	23	02	25
World Zoonosis Day	01	85	53	138	12	10	2	12	222	32	150
World Rabies Day	01	30	20	50	4	1	2	3	31	23	54
National campaign on “Poshan Abhiyan and Tree Plantation”	01	26	29	55	32	5	1	6	31	30	61
World Soil Day	03	115	190	305	10	10	8	18	125	198	323
World Milk Day	01	35	72	107	17	1	2	3	36	74	110
World Egg Day	04	83	152	235	20	5	12	17	88	164	252
Mahila Kisan Divas	01	02	42	44	12	7	1	8	09	43	52
World Food Day	01	12	39	51	20	6	1	7	18	40	58
Kisan Samman Divas	01	0	32	32	100	4	1	5	4	33	37
SwachhataPakhwada	1	145	105	250	135	0	0	0	145	105	250
Special swachhataCampaign 2.0	7	367	96	463	87	0	0	0	367	96	463
Total	388	5755	2746	8386	1095	209	91	300	5954	2824	8778

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	35
Radio talks	12
TV talks	01
Popular articles	05
Extension Literature	05
Other, if any	

3.5 a. Production and supply of Technological products

Village seed

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

KVK farm

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

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Vegetable seedlings											
Cauliflower		0	0	0	0	0	0	0	0	0	0
Cabbage		0	0	0	0	0	0	0	0	0	0
Tomato		0	0	0	0	0	0	0	0	0	0

Brinjal		0	0	0	0	0	0	0	0	0	0
Chilli		0	0	0	0	0	0	0	0	0	0
Onion		0	0	0	0	0	0	0	0	0	0
Others		0	0	0	0	0	0	0	0	0	0
Fruits											
Mango		0	0	0	0	0	0	0	0	0	0
Guava		0	0	0	0	0	0	0	0	0	0
Lime		0	0	0	0	0	0	0	0	0	0
Papaya		0	0	0	0	0	0	0	0	0	0
Banana		0	0	0	0	0	0	0	0	0	0
Others		0	0	0	0	0	0	0	0	0	0
Ornamental plants		0	0	0	0	0	0	0	0	0	0
Medicinal and Aromatic		0	0	0	0	0	0	0	0	0	0
Plantation		0	0	0	0	0	0	0	0	0	0
Spices		0	0	0	0	0	0	0	0	0	0
Turmeric		0	0	0	0	0	0	0	0	0	0
Tuber		0	0	0	0	0	0	0	0	0	0
Elephant yams		0	0	0	0	0	0	0	0	0	0
Fodder crop saplings		0	0	0	0	0	0	0	0	0	0
Forest Species		0	0	0	0	0	0	0	0	0	0
Others, pl.specify		0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	0	0	0

Production of Bio-Products

Name of product	Quantity Kg	Value (Rs.)	No. of Farmers benefitted							
			SC		ST		Other		Total	
			M	F	M	F	M	F	M	F
Bio-fertilizers	0	0	0	0	0	0	0	0	0	0
Bio-pesticide	0	0	0	0	0	0	0	0	0	0
Bio-fungicide	0	0	0	0	0	0	0	0	0	0
Bio-agents	0	0	0	0	0	0	0	0	0	0
Others, please specify.	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0

Production of livestock materials

Particulars of Livestock	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		0	0	0	0	0	0	0	0	0	0
Buffaloes		0	0	0	0	0	0	0	0	0	0
Calves		0	0	0	0	0	0	0	0	0	0
Others (Pl. specify)		0	0	0	0	0	0	0	0	0	0
Small ruminants											
Sheep		0	0	0	0	0	0	0	0	0	0

Goat		0	0	0	0	0	0	0	0	0	0
Other, please specify		0	0	0	0	0	0	0	0	0	0
Poultry											
Broilers		0	0	0	0	0	0	0	0	0	0
Layers		0	0	0	0	0	0	0	0	0	0
Duals (broiler and layer)		0	0	0	0	0	0	0	0	0	0
Japanese Quail		0	0	0	0	0	0	0	0	0	0
Turkey		0	0	0	0	0	0	0	0	0	0
Emu		0	0	0	0	0	0	0	0	0	0
Ducks		0	0	0	0	0	0	0	0	0	0
Others (Pl. specify)		0	0	0	0	0	0	0	0	0	0
Piggery											
Piglet		0	0	0	0	0	0	0	0	0	0
Hog		0	0	0	0	0	0	0	0	0	0
Others (Pl. specify)		0	0	0	0	0	0	0	0	0	0
Fisheries											
Indian carp		0	0	0	0	0	0	0	0	0	0
Exotic carp		0	0	0	0	0	0	0	0	0	0
Mixed carp		0	0	0	0	0	0	0	0	0	0
Fish fingerlings		0	0	0	0	0	0	0	0	0	0
Spawn		0	0	0	0	0	0	0	0	0	0
Others (Pl. specify)		0	0	0	0	0	0	0	0	0	0
Grand Total											

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

i) Name of Seed Hub Centre:

Name of Nodal Officer:	Dr. SujataSethy
Address:	KrishiVigyan Kendra Cuttack, Santhapur; At/P.O.- Uchhapada, Via: Kotasahi, Dist: Cuttack. Pin:-754 022
e-mail:	kvkcuttack@gmail.com
Phone No.: Mobile:	8895795870

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Rabi 2020-21	Green gram	IPM2-14	1000 q		Due to Covid-19 procurement was not done	Foundation
Rabi 2021-2022	Green gram	Virat	500q		224	Certified

Kharif 2022	-	-	-	-	-	-
Rabi 2022	Black gram	PU 1	500 q		Not yet received	Certified

iii) Financial Progress

Financial year	Opening balance			Total	Expenditure/ Refund	Unspent amount	Closing balance
	Pre. Year Balance	Interest & sale proceed	Fund received				
2019-20	100,64,295	7,17,423	00	107,81,718	2,54,673	105,27,045	105,27,045
2020-21	105,27,045	4,90,488	00	110,17,533	1,81,505	108,36,028	108,36,028
2021-22	108,36,028	3,85,606	00	112,21,634	88,240	111,33,394	111,33,394
2022-23	111,33,394	281566	00	11414960	40600	11374360	11374360

iv) Infrastructure Development

Item	Progress
Seed processing unit	35.00
Seed storage structure	15.00

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

Item	Title	Author's name	Number	Circulation
Research paper				
Oryza, 59(1): 90-97	Assessment of suitable dose of calcium silicate to rice and its impact on soil properties in laterite soils of Odisha.	Das A, Samant PK, Jena B, Dwibedi SK, Patra RK and Sarangi DR		
Environment and Ecology, 40 (4B): 2380-2385.	Accessing nitrogen levels and spacing on yield and economics of Chia (*Salvia hispanica* L.).	Mohanty P, Umesha C, Sarangi DR, Meshram M.		
Seminar/conference/ symposia papers				
Souvenir on World Veterinary Day 2022. Fisheries and Animal Resources Development Department. Govt. of Odisha, pp-29-30.	World Veterinary Day and Veterinary Resilience.	Mohanta RK.		
Books				
Training Manual No. 2, Krishi Vigyan Kendra, ICAR-National Rice Research Institute, Cuttack.	Nursery Management in Vegetables.	Sahoo TR, Sethy S, Sarangi DR, Mohanta RK, Jena D		
Bulletins				
Technical Bulletin no. 30. Krishi Vigyan Kendra, ICAR-NRRI, Cuttack	Commercial Paddystraw Mushroom Cultivation	Sethy S, Sarangi DR, Sahoo TR, Mohanta RK and Jena D		

Technical Bulletin no. 31. Krishi Vigyan Kendra, ICAR-NRRI, Cuttack.	Soil Health Card and its Benefits	Sarangi DR, Sethy S, Sahoo TR, Mohanta RK and Jena D		
Extension Bulletin No. 6, Krishi Vigyan Kendra, ICAR-NRRI, Cuttack.	Rabies: Causes and Precautions	Mohanta, RK, Sethy, S, Sarangi DR, Sahoo TR and Jena D		
Newsletter				
January-March 2022	BarabatiKrushi Samachar	-		
April-June 2022	BarabatiKrushi Samachar	-		
July-September 2022	BarabatiKrushi Samachar	-		
October-December 2022	BarabatiKrushi Samachar	-		
Popular Articles				
Prameya Newspaper, February 8, 2022, pg. 15.	Selection of a Good Dairy Cow	Mohanta RK		
KrushakSambad, 34(3):7.	Tips for Summer Management of Livestock	Sahoo SP and Mohanta RK		
Sakala Newspaper, September 27, 2022, pg. 15.	Dwarf Country Bean ArkaAmogha	Sahoo TR.		
Prameya Newspaper, November 8, 2022, pg. 15.	Millets as feed for livestock and poultry	Mohanta RK		
Book Chapter				
Extension Pamphlets/ literature				
Technical reports				
Electronic Publication (CD/DVD etc)				
TOTAL	15			

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.	Seminar	'Climate Smart Agricultural Technology'	Dr DR Sarangi, SMS (Soil Science)	15.02.2022 01 Day	ARRW
2.	IDP-NAHEP sponsored National Webinar	'Conservation Agriculture in India: Myths, Realities and Way Forward'	Dr S Sethy, Officer In-charge.	17.02.2022 01 Day	RCA, MPUAT, Rajasthan
3.	5-days online training programme for Master Trainers.	Introduction to Natural Farming-Principles and Practices	Dr DR Sarangi, SMS(Soil Science) Dr RK Mohanta SMS(Animal Science) Dr TR Sahoo SMS(Horticulture)	05-09 April 2022 05 Days	MANAGE, Hyderabad
4.	6 days training	Use of crop simulation model in preparation of agro advisory services under GKMS	Mr D Jena, SMS (Agromet)	04-09April, 2022. 06 Days	AAS division, IMD, New Delhi
5.	E-workshop (Virtual)	IARI-SAUs/ICAR Instt. Collaborative National Extension Programme and IARI-Vos Partnership	Dr TR Sahoo SMS(Horticulture)	16.04.20220 1 Day	CATAT, IARI,
6.	Workshop	Drone Technology in	Dr DR Sarangi, SMS(Soil	21.04.2022.	NRRI, Cuttack

	cum demonstration programme	Agriculture under Network Programme on Precision Agriculture	Science) Dr TR Sahoo SMS(Horticulture) Mr D Jena, SMS (Agromet)	01 Day	
7.	National Level Workshop in online mode	"Convergence activities of Central Silk Board with ICAR-KVKs for extension service in sericulture"	Dr S Sethy, Officer In-charge.	12.07.2022 01 Day	Central Silk Board, Ministry of Textiles, Govt. of India.
8.	Seminar	"Aromatic and Medicinal plant: Reconnecting the Agricultural heritage for public health, nutrition and employment in India"	Dr S Sethy, Officer In-charge.	08.09.2022 01 Day	ATARI, Kolkata, and DEE, OUAT, BBSR.
9.	National Conference	Biennial National Conference of KVKs	Dr S Sethy, Officer In-charge.	01-02 June 2022 02 Days	ICAR
10.	Orientation - cum-training program	Natural farming	Dr TR Sahoo SMS(Horticulture)	12-13 Dec.2022. 02 Days	ICAR

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	MrBiranchi Narayan Nayak
Address	Sankilo, Nischintakoili block
Contact details (Phone, mobile, email Id)	7849049204
Landholding (in ha.)	0.8-acre green gram and black gram during Rabi, 1.8-acre pumpkin during summer
Name and description of the farm/ enterprise	Implementation of block level weather forecast in farm management practices
Economic impact	He has pre harvested **2.2q pulses** by following rainfall forecasted which has worth cost of **15000-16000/-.** He has also cultivated **1.8-acre pumpkin** in the summer he has able to manage **4000/-** in irrigation and labour management and also save **5500/-** by input cost management of fertilizer and plant growth hormones. He was able to drain out his field properly by following rainfall forecast. A total sum of **25000-26000/-** money was saved by following weather forecast based Agromet advisory
Good quality photographs (2-3)	 

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

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

3.9. a. Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

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

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)

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

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

3.11. a. Details of equipment available inSoiland Water Testing Laboratory

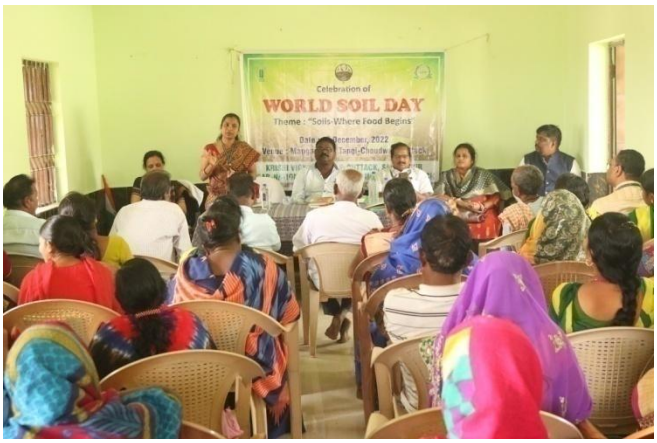
Sl. No	Name of the Equipment	Qty.
1	MridaParikshyk	01

3.11.b. Details of samples analyzed so far :

Number of soil samples analyzed			No. of Farmers	No. of Villages	Amount realized (inRs.)
Through mini soil testing kit/labs	Through soil testing laboratory	Total	-	-	-
0	0	0	0	0	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
1	1	69	0	0	0	60
2	2	254	1	Sarpanch, Agrahat	Soil Awareness Quiz Program at Agrahat and Shankarpur High School	



Glimpses of World Soil Day

3.12. Activities of rainwater harvesting structure and micro irrigation system

No of training programme	No of demonstrations	No of plant material produced	Visit by the farmers	Visit by the officials

3.13. Technology week celebration

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

3.14. RAWE/ FET/ KUS programme - is KVK involved? (Yes)

No of student trained	No of days stayed
44	01

ARS trainees trained	No of days stayed
0	0

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
14.10.2022	Dr. V. V. Sadamate, Former Adviser Agriculture, Planning Commission, GOI	Regional Committee Meeting at NRRI & visit of KVK
07.03.2022	Dr P Swain, Director, NRRI, Cuttack	Training Program: Valedictory function
05.08.2022	Dr P Swain, Director, NRRI, Cuttack	Training Program: Valedictory function
30.08.2022	Mr Soumendra Panigrahi, DDH, Cuttack	Training Program: Valedictory function
03.03.2022	Dr P Swain, Director, NRRI, Cuttack	Seminar on Agromet
17.10.2022	Dr GAK Kumar, Head, SSD, NRRI	Seminar on Agromet
17.10.2022	Dr B. Mondal, Head, SSD, NRRI	PM Kisan Sammelan
13.10.2022	Ms Praxima Parida, DDM, NABARD	Inauguration of Producer Group
13.10.2022	Mr Bipin Rout, ORMAS	Inauguration of Producer Group
Various dates	Principal Scientists, NRRI, Cuttack	KVK Campus development planning
14.12.22	Dr P. Paneerselvam, Principal Scientists, NRRI	NRRI Decomposer training
14.12.22	Dr A Kumar, Principal Scientists, NRRI, Cuttack	NRRI Decomposer training

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)
Pro tray Technology for nursery seedling raising	200	78	18,000	30,000
Broccoli cultivation as high value vegetable crop	78	67	4000	12,500

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

4.2. Cases of large-scale adoption

(Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread
Varietal substitution in medium land with high yielding varieties in rice	70000 ha
IPM and IDM strategies in rice	2200 ha
Use of rotavator, transplanter, power weeder, power reaper and axial flow thresher in rice	20000 ha
Varietal substitution, balanced fertilizer dose and plant protection measures in green gram	540 ha
Varietal substitution along with application of liming material, balanced fertilizer dose, plant protection measures and weed management in groundnut	1200 ha
Varietal replacement in brinjal	1800 ha
Integrated Nutrient Management in brinjal	350 ha
IPM and IDM strategies in brinjal	773 ha
Varietal replacement in tomato	758 ha
Integrated Disease Management in tomato	420 ha
Paddy straw mushroom as commercial cultivation	1450 units
Oyster mushroom for nutritional security	325 units
Rearing of dual-purpose high yielding color varieties like Vanaraja	1250 units
Rearing of dual-purpose high yielding duck varieties like Khaki Campbell	150 units
Using clean milking procedure in dairying	2000 units

Give information in the same format as in case studies

4.2. Details of impact analysis of KVK activities carried out during the reporting period

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

4.4. Details of innovations recorded by the KVK

Thematic area	
Name of the Innovation	
Details of Innovator	
Background of innovation	

Technology details	
Practical utility of innovation	

4.5. Details of entrepreneurship development

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

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
Centre for Integrated Pest Management, Bhubaneswar	Collaborative programmes on pest management.
Central Horticultural Experiment Station	Guidance and cooperation for preparation of Action Plan, Conducting Training, FLD and OFT
Central Institute of Freshwater Aquaculture	
Central Tuber Crops Research Institute	
Central Institute for Women in Agriculture	
Coconut Development Board, Regional Station, Bhubaneswar	
Central Avian Research Institute, Regional Centre	
Directorate of Extension Education, OUAT, Bhubaneswar	
India Meteorological Department (IMD)	Guidance and cooperation for preparation of AAS
KVK Khurdha, Jajpur, Jagatsighpur	Collaboration in technical knowledge exchange and enrichment
Agriculture Department, Government of Odisha	Skill development of VAW and Kishaksathi and Technical support for field activities. Joint diagnostic team to Farmers Problem. Participation in monthly meetings. Training. Joint diagnostic survey & visit
Directorate of Animal Husbandry & Veterinary Services	Conducting training and implementing different schemes related to animal husbandry. Scientific guidance & consultancy regarding training, FLD and

	OFT programmes
Departments of Soil and Water conservation	Implementing different schemes related to soil and water conservation
Departments of Major, Minor and Lift Irrigation	Preparation of strategic research and extension plan
Department Horticulture, Government of Orissa, Cuttack	Technical support for field activities. Implementing different schemes
Directorate of Fisheries	Technical support for field activities, & extension programmes
Soil Testing Laboratory, Jagatpur	Analysing farmer soil samples
Central Poultry Development Organisation, Bhubaneswar	Procurement of chicks and technical knowhow
District Rural Development Agency	Fund mobilization for infrastructural development
Agricultural Technology Management Agency, Cuttack	Preparation of strategic research and extension plan. Resource person in capacity building programmes
National Horticulture Mission	Project formulation, strategic development of the district
Orissa State Seed Corporation, Bhubaneswar	Procurement of seed for demonstration and testing.
Orissa livelihood mission	Conducting training&Dissemination of agricultural technologies among farmers.
Orissa State Seed & Organic Products Certification Agency(OSSOPCA)	Seed certification & farmers training for quality seed production
IFFCO, Cuttack	Soil testing mobile van facilitation and technical support to their adopted village
NABARD and Nationalized banks	District planning and consultations on funding of farmers
Lead Bank District Manager	
All India Radio, Cuttack	Dissemination of agricultural technologies to the mass through scientific talks, panel discussion and live in programmes
DD Odia, DD Kisan	
ETV, Kanak TV, Zee Kalinga	Dissemination of agricultural technologies, success stories and news events through mass media
Samaja, Dharitri, Prameya, Sambad, Samay, Pragativadi, Dinalipi, OdishaBhaskara, e-pashupalan etc.	
Dibyajyoti NGO, Mahanga	Cooperation and help in organizing training programmes and demonstrations.
Digbalay NGO, Kamanga, Tangi	
Nigam NGO, Nischintakoili	
UtkalSevakSamaj, Cuttack.	

5.2. List of special programmes undertaken during 2022 by the KVK, which have been financed by/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies **(information of previous years should not be provided)**

a) Programmes for infrastructure development

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

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

Name of the programme/scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)
Scientific Dairy Management	Capacity Building Programme	Jan.2022	ICAR	40000
Scientific feeding management of livestock	Capacity Building Programme	Feb.2022	ICAR	40000
Scientific feeding of fishes	Capacity Building Program	Mar. 2022	MANAGE & NFDB	120870
Scientific Beekeeping	Training Programme	Mar. 2022	National Bee Board, DAC& FW, Ministry of Agriculture and Farmers Welfare	116250
Inclusion of fish for daily diet in health promotion	Awareness-Cum-Demonstration programme	June 2022	World Fish Project WFC-ICAR W3 (CGIAR sponsored)	25000
Nutritional Development Through Fish and Fish Based Product	Training Programme	Dec2022	World Fish Project WFC-ICAR W3 (CGIAR sponsored)	25000
Use of NRRI Decomposer for Ex-situ decomposition of Paddy Straw	Training Programme	Dec. 2022	NRRI	-

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Name of demo Unit	Year of estt.	Area (Sq. mt)	Details of production			Amount (Rs.)		Remarks
				Variety/bred	Produce	Qty.	Cost of inputs	Gross income	
1.									
2.									
3.									
4.									
5.									
6.									
7.									
	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	Qty.(q)	Cost of	Gross	

					Produce		inputs	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	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.							
2.							
3.							

6.5. Utilization of hostel facilities

Accommodation available (No. of beds)

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

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters have been completed: No
No. of staff quarters: 0
Date of completion:

Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
-	-	-	-
-	-	-	-

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

Item	Released by ICAR		Expenditure		Unspent balance as on – 31.03.2023
	Kharif	Rabi	Kharif	Rabi	
Groundnut	240000	120000	239901	120000	99
Mustard/Rapeseed	0	60000	0	60000	0

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

Item	Released by ICAR		Expenditure		Unspent balance as on – 31.03.2023
	Kharif	Rabi	Kharif	Rabi	
-	-	-	-	-	-
-	-	-	-	-	-

2019.5. Utilization of KVK funds during the year 2022-23 (Not audited)

Sl.	**Particular**	**Sanctioned**	**Total**	**Expr.**
(A)	**Recurring Items**			
1	Pay & allowances	12000000.00	12000328	11109557.00
2	Travelling Allowances	136000.00	136000	135851.00
4	**Contingencies**			
a	Stationary, telephone postage and other expenditure	634000.00	633627	632447.00
	on office running			
b	POLs, repairs of vehicle, tractor &equipments			
c	Training of Farmers (Meals/refreshment for trainees)	180000.00	180000	179908.00
d	Training material (need based materials and equipment for conducting the training)			
e	Training of Extension Functionaries			
f	Training of Rural Youth			
g	Frontline Demonstration	60000.00	60000	59301.00
h	On Farm Testing (on need based, location specific and newly generated information in the major production systems of the areas)	20000.00	20000	17824.00
j	Maintenance of building	250000.00	14475	0.00
k	SCSP Contingency	2150000.00	2150197	2148937.00
	Total (A)	**15430000.00**	**15194627**	**14283825.00**
(B)	**Non-Recurring Items**			

1	***Equipment, Furniture and Furnishing***	100000	101753.00	97479
3	***Works***			
	Farmers Hostel	3000000.00	3000000.00	3000000.00
	Boundary wall-cum-fencing	2000000.00	2000000.00	1980591.00
	Irrigation Systems	446000.00	446000.00	444770.00
	Bore well	300000.00	535525.00	535525.00
5	**Library**	20000.00	20000.00	20000.00
	Total (B)	**5866000.00**	**6131923.00**	**6078365.00**
	Grand Total (A+B)	**21296000.00**	**21326550.00**	**20362190.00**

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2019-20	-	-	-	-
2020-21	-	-	-	-
2021-22	-	-	-	-

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

Training of group members, pranimitras, krishimitras and other staff of SHGs.

Helping in capacity building, provision and help in procurement of quality input, regular follow up and help in need through technical help.

Celebration of important days, awareness programs with group members

Different training programs for farmers/ group members

(iii) Details of marketing channels created for the SHGs: Creating linkage with ORMAS, NABARD and organising exhibitions etc

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activities	Season	With line department	With ATMA	With both
DAESI training	5	2022-23		ATMA	
Natural Farming Awareness Program	3	2022			Both
Garib Kalyan Sammelan	1	2022			Both
Field Day on CFLD - OILSEED	1	2022			Both
Training to Horticultural farmers	2	2022			Both
Seminar-cum-awareness campaign on 'World Pulse Day'	1	2022			Both
World Soil Day	3	2022			Both
World Zoonoses Day	3	2022	Animal Husbandry & Vet Services		
World Rabies Day	15	2022	Animal Husbandry & Vet Services		
Animal Health Camp	4	2022	Animal Husbandry & Vet Services		

Capacity Building Programs	5	2022	Different Departments	ATMA Officials	Both

8. Other information

8.1. Prevalent diseases in Crops

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

8.2. Prevalent diseases in Livestock/Fishery

Name of the disease	Species affected	Date of outbreak	Number of death/ Morbidity rate (%)	Number of animals vaccinated	Preventive measures taken Awareness campaign, Animal Health camp, awareness literature
-	-	-	-	-	-

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
16th June, 2022	Dr Subhransu Kumar Nayak, Odisha Biodiversity Board, Regional Plant Resource Centre, Bhubaneswar	100	-	-

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

Type of message	No. of messages	No. of farmers covered
Crop	-	-
Livestock	-	-
Fishery	-	-
Weather	-	-
Marketing	-	-
Awareness	-	-
Training information	-	-
Other	-	-
Total	-	-

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	55
2.	No. of farmers registered in the portal	25
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	25

9.5. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken
Swachh Bharat Abhiyaan	KVK Cuttack organized various events on Swachh Bharat Mission in different schools and villages of Cuttack district involving more than 2574 school children and farmers. As children are the flag bearers of the society in driving swachhata and science in a forward manner and efficient way, swachhata quizzes and awareness programmes were conducted in Gopinathpur High School, Govindpur High School, Mahanta Bidyapitha, Tangi Bidyapitha, Kerilo High School, Agrahat High School, Gandhi Bidyapitha, Shankarpur and Saraswati Sishu Mandir, Agrahat. The winners were awarded with medals and certificates. Students were made aware about the importance of maintaining hygiene and sanitation in daily life. How internal and external swachhata plays an important role in our day-to-day life was discussed in detail. In swachhata programs for farmers, Dudhianali and Berena farmers were made aware about the role of cleanliness in daily life.
Every Alternate Friday	Cleaning of office, office premises and demonstration units

Glimpses of Swachh Bharat Programme

b. Details of Swachhata activities with expenditure

Activities	**Number**	**Expenditure (in Rs.)**

1. Digitization of office records/ e-office	02	0
2. Basic maintenance	5	0
3. Sanitation and SBM	8	0
4. Cleaning and beautification of surrounding areas	25	0
5. Vermicomposting/Composting of biodegradable waste management & other activities on generate of wealth for waste	4	17250
6. Used water for agriculture/ horticulture application	0	0
7. Swachhata Awareness at local level	15	0
8. Swachhata Workshops	0	0
9. Swachhata Pledge	4	0
10. Display and Banner	2	0
11. Foster healthy competition	12	0
12. Involvement of print and electronic media	0	0
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	13	0
14. No of Staff members involved in the activities	9	0
15. No of VIP/VVIPs involved in the activities	4	0
16. Any other specific activity (Swachhata awareness program)	18	0
Total	121	17250

9.6. Observation of National Science Day

Date of Observation	Activities undertaken
-	-

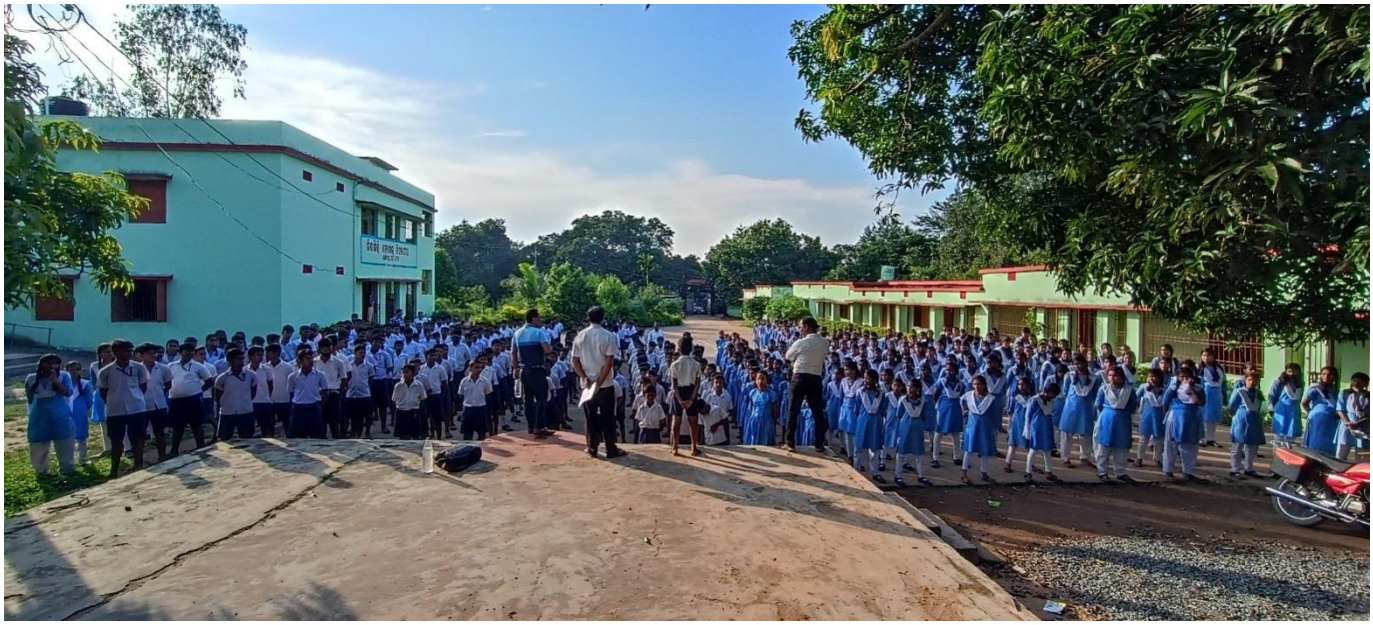
9.7. Programme with SeemaSurakshaBal/ BSF

Title of Programme	Date	No. of participants

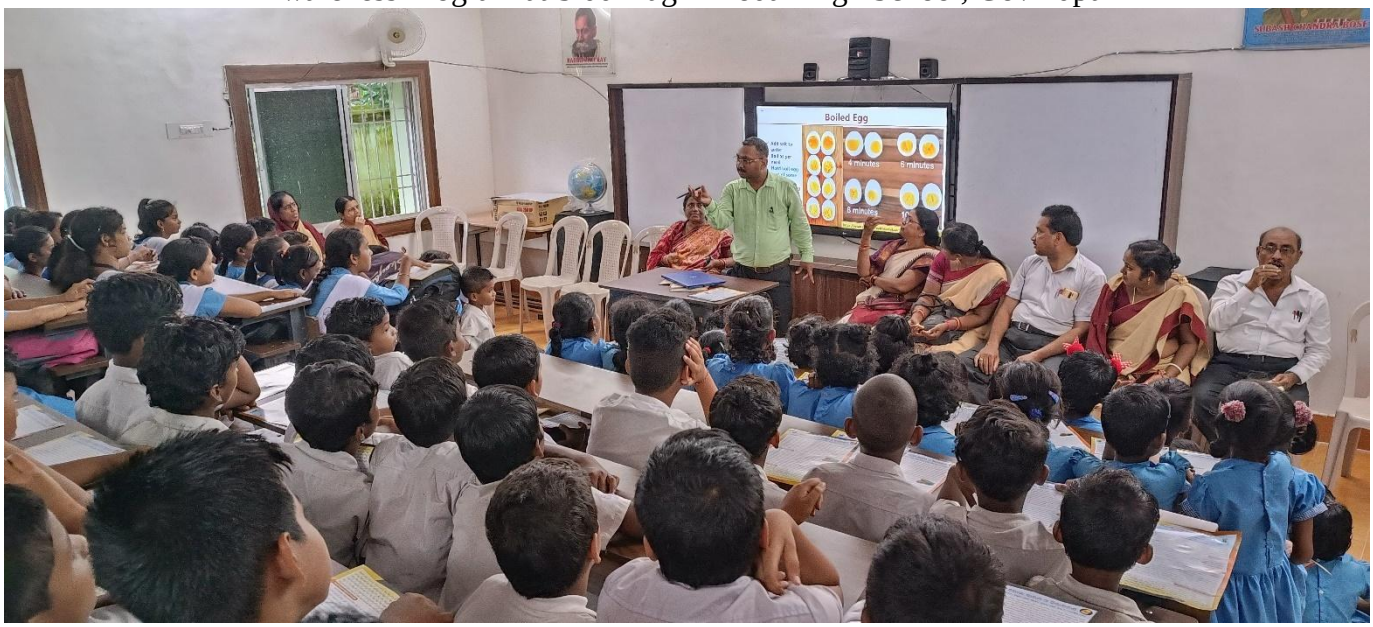
9.8. Agriculture Knowledge in rural school

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

	school		
Gopinathpur High School	06.10.2022	Importance of zoonoses	Smart Board, PowerPoint, video show
Govindpur High School	21.09.2022	Awareness on Rabies and food security	Interactive lecture
Gandhi Bidyapitha, Shankarpur	05.12.2022	Awareness on Soil fertility	Smart Board, PowerPoint, video show
Mahanta Nodal Bidyapitha, Ucchapada	14.11.2022 & 28.09.2022	Rabies, Food & Nutritional Security	PowerPoint, video show, Interactive lecture
CRRI High School, Bidyadharpur	14.10.2022	Food & Nutritional Security	Smart Board, PowerPoint, video show



Awareness Program at Siddhhagiri Nodal High School, Govindpur



Awareness Program on Food & Nutrition in our Daily life at CRRI High School, Bidyadharpur

9.9. Details of '*Pre-Rabi Campaign'* Programme

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

9.10. Details of Swachhta Hi Sevaprogramme(16-31.12.2022) organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Cleanliness and sanitation drive including cleaning of office premises, residential colonies, common marketplaces, stock taking of biodegradable and non-biodegradable waste disposal, cleaning of sewerage & water lines, Swachhatapakhwada was also undertaken by creating awareness cum cleanliness drive at villages of Cuttack district.	5	598	-	-

9.11. 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)
1	KVK, Cuttack celebrated Mahila Kisan Divas 2022 at Ragunathpur, Mohuravillage, Cuttack Sadar Block of Cuttack District on October15, 2022. A total of 52farmwomen participated in the program. Dr Sujata Sethy, OIC, KVK and organizing secretary of the program briefed about the importance of Mahila Kisan Divas and elaborated about the role of women in the agriculture and allied sectors. She further discussed about the women empowerment through women self-help groups. Dr Ranjan Kumar Mohanta and Sri Debasish Jena interacted with the participants and discussed about their role in ensuring a healthy family along with securing livelihood security. Sri Prasant Pradhan and other KVK staffs helped in coordination of the event.	01	52	0	

Glimpses ofMahilaKisan Divas

9.12. 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.	DharanidharNayak	Sundarda, Niali; 8895197533	Dairy, Rice, Pulse
2.	Smt. BanajaParida	Agrahat, Choudwar; 9778891861	SHG, duckery, rice, value added products
3.	Benudhar Swain	Regedapada, Athagarh	Groundnut, Rice, Dairy
4.	ChandramaniNayak	Gobardhanpur; 7894146262	Off season vegetable
5.	KshetramohanPattanaik	Kharbil, Niali; 876306976	Rice, dairy, pulse, groundnut
6.	Chandrasekhar Ray	Agrahat, Choudwar; 7894900423	Mushroom
7.	ChaitanyaMuduli	Mangarajpur, Baramba	Rice
8.	Santosh Kumar Nayak	Pathapur, Banki	Broccoli
9.	SudharshanSahoo	Pathapur, Banki	Marigold
10.	SantanuGochayat	Pathapur, Banki	Cucumber
11.	Sunil Kumar Sahu	Dahijanga, Niali	Tomato
12.	Jyotiranjan Jena	Dhanmandala, Kantapada	Off Season vegetable
13.	ManashRanjan Das	Tangi, Choudwar	Mushroom

9.13. Revenue generation

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

9.14. Resource Generation:

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

9.15. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
14.01.2021	IMD	It is fully functional now and all met data are recorded in regular time interval.

9.16. Contingent crop planning

Name of the state	Name of district/KVK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK

10. Report on Cereal Systems Initiative for South Asia (CSISA)

a) Year:
b) Introduction / General Information:

11. Details of TSP

a. Achievements of physical output under TSP during 2022-2023

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

knowledge in rural school, Planting material distribution, Vaccination camp etc.)	

b. Fund received under TSP in 2022-23 (Rs. In lakh):

c. Achievements of physical outcome under TSP during 2022-2023

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

d. Location and Beneficiary Details during 2022-2023

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

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
1	Councilor (East Zone)	2022	Association of Rice Research Workers		
2	Member of a committee for preparing the score card for the evaluation of K. Pradhan Young Scientist Award, ANSI Best M.V. Sc. Thesis Award and S.K. Ranjhan Award (For Ph. D Thesis) for Animal Nutrition Society of India.	2022	Animal Nutrition Association and Indian Veterinary Research Institute, Izatnagar		
3	Inducted into the Publication Committee of Indian Journal of Animal Nutrition	2022	Animal Nutrition Society of India		
4	Member of Executive Body of Animal Nutrition Association	2022	Animal Nutrition Society of India		
5	Dr CM Singh Veterinary Science Excellence Award 2022	2022	PashudhanPraharee		

Award received by Farmers from the KVK district.

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1	Innovative Farmer Award	Sri Sangram KeshariPani	2022	Krishi Unnati Mela, IARI, New Delhi		
2	Innovative Farmer Award	Smt Mamata Das	2022	ICAR-NRRI, Cuttack		
3	Innovative Farmer Award	Sri Manas Ranjan Das	2022	ICAR-NRRI, Cuttack		
4	Innovative Farmer Award	Sri Pratap Keshari Tripathy	2022	ICAR-NRRI, Cuttack		
5	Innovative Farmer Award	Sri Vivekananda Parida	2022	ICAR-NRRI, Cuttack		

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

KVK Cuttack organized an awareness campaign on rabies and rabies awareness quizzes in different schools and colleges of Cuttack district covering about 3500 school children. Rabies, a disease that is 100% fatal after clinical signs appear but is 100% curable if vaccinated after post-exposure. Around 60000 people succumb to rabies annually out of which 40% are children. The dog-bite wound must be washed in mild soap for about 15 minutes after bitten by rabid animal. The viral disease affects the brain and travels through the nervous system before moving to saliva and infecting people. The affected people fear water and other liquids as they are unable to drink due to muscle spasm and many times show neural signs. Dr Ranjan Kumar Mohanta conducted the quiz competition among children of schools and colleges along with discussing elaborately about the graveness of the disease and steps to be taken to prevent the disease.Dr. S Sethy, Head, KVK, Cuttack and Headmaster/ headmistress distributed the prizes to the winners. Students from Auroshree Institute of Pharmacy Education and Research, Kadei, MahantaBidyapitha, Ucchapada, SiddhagiriBidyapitha, Govindpur, Nuabazar High School, Cuttack, CRRI High School, Bidyadharpur, Bidyadharpur Girls High School, Global Indian Model School, Gopinathpur High School, Sri Aurobindo Institute for Integral Education, Gopinathpur, SaiSaraswatiBidyaMandir, Gopinathpur, Ucchapada UP School, Kadei UP School and Bidyadharpur Nodal UP School participated actively in these programs.

Gopinathpur Nodal High School, Gopinathpur

Mahanta Nodal Bidyapitha, Uchhapada

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 (Rs in lakh)	Success indicator
1	Utkala Kesari Farmers Producer Organization	NA	NA	Aromatic Rice Production and value addition	Rice	350	5.8	✓ 3 years successfully operate in Cuttack district and this year extended to four more district. ✓ Contract FPO has taken over a processing plant.

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
1	Upland rice-based farming system with Horticulture-Pisciculture-Animal component	0.72	1st year production Fish 1 q Rice 3 q Fruits vegetative state			07	32%

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	Hi-tech Vegetable Cultivation Practices	• Pro-tray nursery techniques • Poly mulching and drip fertigation system • Use of Protected structure • Off season vegetables cultivation. • Adoption of trellis system	314000.00	17	

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

	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
Phase	Total no. of villages	Total no. of farmers	Date of formation	Name of members	

I (up-to 15.03.2018)					
II (up-to 24.04.218)					
Total					

19. Information on Visit of Ministers to KVKs, if any

Date of Visit	Name of Hon'ble Minister	Name of Ministry	Salient points in his/ her observation (2-3 bulleted points)
-	-	-	-

20. a) Information on ASCI Skill Development Training Programme, if undertaken during 2022

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 2022

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	
Management in farm animals	Advances in sheep and goat management	40	1	4	1	2	2	15	4	21	25	
Planting material production	Propagation Techniques in Horticultural crops	40	0	0	0	0	22	3	22	3	25	
Mushroom Production	Mushroom Production for entrepreneurship development	40	0	0	0	0	13	12	13	12	25	
Dairy Management	Scientific Dairy Management	24	3	2	2	2	18	13	23	17	40	40000
Livestock management	Scientific feeding management of livestock	24	3	3	1	2	17	14	21	19	40	40000
Fisheries Nutrition	Scientific feeding of fishes	40	18	12	0	0	0	0	18	12	30	
Beekeeping	Scientific Beekeeping	56	0	0	0	0	18	7	18	7	25	

21. 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

22. Information on Krishi Kalyan Abhiyan Phase-III, if applicable

a) Training achievements

Name of KVK	*Period*	*No. of Training on diversified farming practices for doubling farmers' income organized*	*No. of farmers trained*	
			Male	*Female*
	01.01.2022 to 31.12.2022			

b) Other achievements

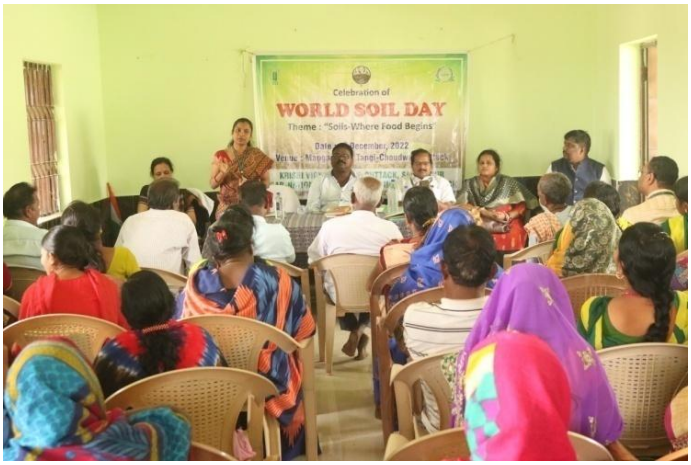
Sl. No.	Particulars	January, 2022 to December, 2022
1	Number of demonstrations other than oilseeds and pulses	
2	Number of demonstrations on oilseed crops	
3	Number of demonstrations on pulse crops	
4	Number of farmers trained	
5	Number of participants in Extension activities	
6	Number of farmers for Mobile Advisory	
7	Production of seeds (in quintal)	
8	Production of planting material (Number)	
9	Number of soil sample tested	
10	Number of farmers covered in Climate Resilient villages	
11	Number of farm families covered in Farmer FIRST project	
12	ARYA project: Number of youths trained	
13	ARYA project: Number of entrepreneurial activities started	
14	Number of farm families in DFI villages	

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

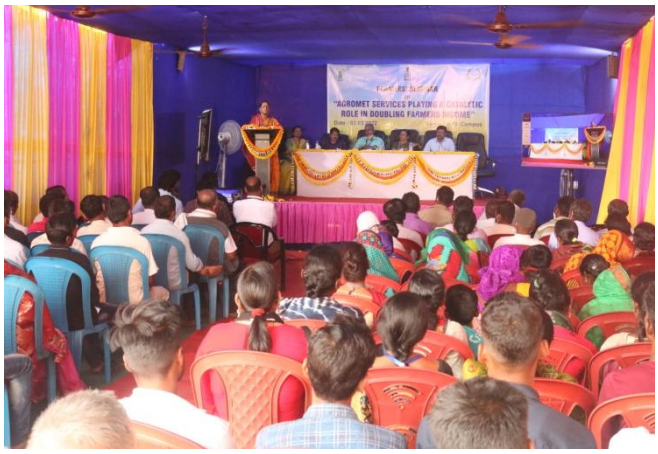
Sl. No.	Name of the programme	Date of the programme	Venue	Purpose	No. of participants
1.	Seminar-cum-awareness campaign on 'World Pulse Day'	10.02.2022	Virtual	to educate the grassroots level extension officers	70
2.	Farmers' Awareness Programme on 'Natural Farming'	23.03.2022, 07.12.2022, 09.12.2022, 15.12.2022	Narasinghpur Kankali SankarpurNiali	Awareness to framer & farm womenon 'Natural Farming'	200
3.	Seminar on "Agromet services playing a catalytic role in doubling farmer income"	03.03.2022	KVK Cuttack	Seminar	100
4.	Conducted farmers fair on "Prakritikkrishi" and webcasted the Agriculture minister programme reg. Natural Farming.	26.04.2022	ICAR-NRRI Cuttack	farmers fair on Prakritik Krishi	200
5.	SAC meeting of KVK Cuttack on to review the activities of 2021-22 and finalise action plan for 2022-23	19.05.2022	hybrid mode	SAC meeting	35

6.	Farmers fair (Grib Kalyan Sammelan) on Hon'ble Prime Minister's Programme on interaction with beneficiaries of schemes/ programmes	31.05.2022	KVK Campus	Farmers fair	550
7.	Awareness on Balanced use of fertilizers	21.06.22	KVK Campus	Awareness programme for farmers on Balanced use of fertilizers	25
8.	International Yoga Day	21.06.23	KVK Campus	Celebration Yoga Day	25
9.	Stakeholder's meeting on "product intervention study under value chain nutrition in fisheries"	27.06.2022	ICAR-NRRI Cuttack	Stakeholder's meeting	12
10.	Awareness-Cum-Demonstration programme on "Inclusion of fish daily diet for health promotion"	29.06.2022	ICAR-NRRI Cuttack	Awareness-Cum-Demonstration for fish daily diet for health promotion	100
11.	World Zoonosis Day Awareness Campaign-cum-Animal Health and Rabies Vaccination Camp	06.07.2022	Manibada, CuttackSadar	Awareness Campaign	150
12.	World Rabies Day Awareness Campaign	27.09.2022 to 28.09.2022	Different schools and colleges of Cuttack	Awareness Campaign on Rabies	3500
13.	National campaign on "Poshan Abhiyan and Tree Plantation"	17.09.2022	KVK Cuttack	National campaign on "Poshan Abhiyan"	50
14.	Field Day on Groundnut CFLD- Oil Seed	10.10.2022	Kanpur,Narasinghpur	Field Day	50
15.	Formation & promotion of honey producer group	13.10.2022	KVK Cuttack	Formation & promotion of honey producer group under SCSP	50
16.	PM Kisan Sammelan	17.10.2022	KVK Cuttack	Farmers fair	51
17.	Celebration of "World Soil Day"	05.12.2022	Mangarajpur village, Tangi-choudwar	Celebration of World Soil Day"	60
18.	World Milk Day	01.06.2022	Bhagatpur village of Tangi-Choudwar block	Celebration of World Milk Day	110
19.	World egg Day	14.10.2022	CRRI High School, Agrahat Primary School and Agrahat village	Celebration of World egg Day	252
20.	Mahila Kisan Divas	15.10.2022	Ragunathpur, Mohuravillage, Tangi-Choudwar Block	Celebration ofMahila Kisan Divas	52
21.	World Food Day	16.10.2022	Ragunathpur, Mohuravillage, Tangi-Choudwar Block	Celebration of World Food Day	58
22.	KISAN SAMMAN DIWAS 2022	23.12.2022	Dudhianali, Cuttack	Celebration of KISAN SAMMAN DIWAS 2022	42

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



World Soil Day



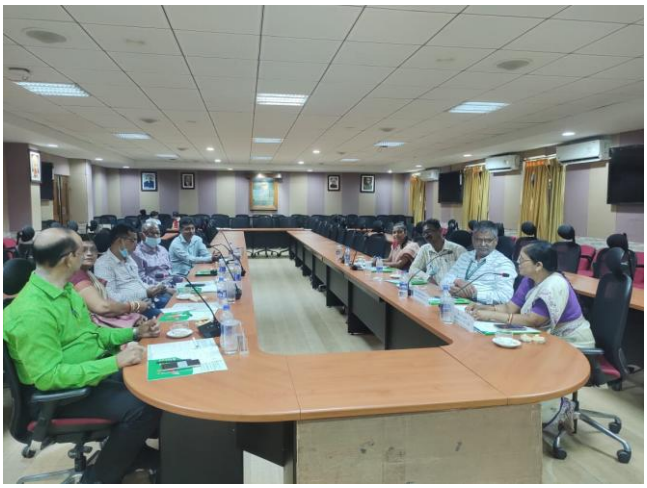
Seminar onAgromet services role in doubling farmer income

Farmers' Fair under “Kisan VagidariPrathamikataHamari

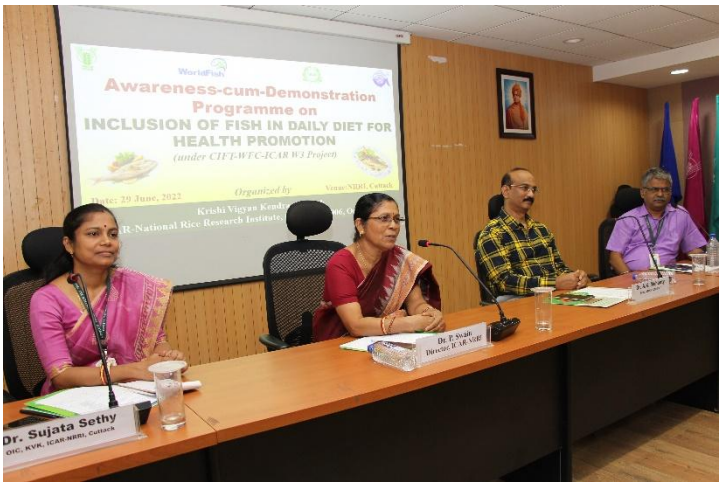
Garib Kalyan Sammelan

Poshan Abhiyan and Tree Plantation

World Egg Day



Stakeholders Meet on 'Value Chain Nutrition'



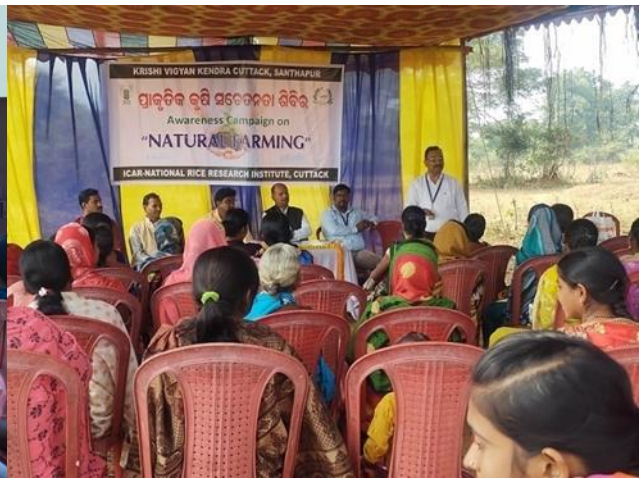
Programme on Fish Nutrition under World Fish Project

Scientific Beekeeping

Advances in sheep and goat management

Mushroom Production

Small farm equipment repairing and maintenance



Glimpses of Natural Farming Awareness Program