



# ANNUAL PROGRESS REPORT

[January 2023 to December 2023]

## KRISHI VIGYAN KENDRA MAYURBHANJ-II, JASHIPUR



## **PROFORMA FOR ANNUAL REPORT 2023 (January-December 2023)**

### **1. GENERAL INFORMATION ABOUT THE KVK**

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

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra, Jashipur At- Angarpada, P.O- Khairi, Mayurbhanj, Pin - 757091	9437584356	-	<a href="mailto:kvk.mayurbhanj2@ouat.ac.in">kvk.mayurbhanj2@ouat.ac.in</a> <a href="mailto:kvkmayurbhanj2.ouat@gmail.com">kvkmayurbhanj2.ouat@gmail.com</a> <a href="mailto:kvkmayurbhanj2@yahoo.com">kvkmayurbhanj2@yahoo.com</a>

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

Address	Telephone		E mail
	Office	FAX	
Odisha University of Agriculture & Technology, At- Siripur, Bhubaneswar- 751003	0674- 2397970/ 2397818/ 2397719	0674- 2397970	<a href="mailto:registrarouat@gmail.com">registrarouat@gmail.com</a>

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Deepak Kumar Mohanty		9437584356, 9437237790	<a href="mailto:kvkmayurbhanj2@yahoo.com">kvkmayurbhanj2@yahoo.com</a>

#### 1.4. Year of sanction of KVK: **April 2012**

1.5. Staff Position (as on 1<sup>st</sup>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	Dr. Deepak Kumar Mohanty.	Senior Scientist &Head	Agriculture Engineering	79,800-2,11,500 AGP-.9000/- (92,500)	16.05.2018	Temporary	Gen
2	Scientist	Mrs. Bidyutlata Mallick	Scientist (Home Science)	Home Science	57,700-1,82,400 AGP-.6000/- (84,700)	28.10.2009	Temporary	ST
3	Subject Matter Specialist	Debasis Jaypuria	S.M.S. (Agriculture Extension)	Agriculture Extension	56,100-1,77,500 AGP-.5400/- (65,000)	20.07.2018	Temporary	SC
4	Subject Matter Specialist	Dr. Surajyoti Pradhan	S.M.S. (Agronomy)	Agronomy	56,100-1,77,500 AGP-.5400/- (65,000)	06.07.2023	Temporary	Gen
5	Subject Matter Specialist	Vacant	-	-	-	-	-	-
6	Subject Matter Specialist	Vacant	-	-	-	-	-	-
7	Subject Matter Specialist							
8	Programme Assistant	Satya Niranjan Mishra	Prog. Asst. (Horticulture)	Horticulture	35,400-1,12,400 AGP-.4200/- (49,000)	30.07.2012	Temporary	Gen
9	Computer Programmer	Sk. Samsul Hoda	Prog. Asst. (Computer)	Computer Sc.	35,400-1,12,400 AGP-.4200/- (58,600)	30.01.2006	Temporary	Gen
10	Farm Manager	Debashis Panda	Farm Manager	Plant Protection	35,400-1,12,400 AGP-.4200/- (43,600)	03.02.2015	Temporary	Gen
11	Accountant / Superintendent	Vacant	-	-	-	-	-	-
12	Stenographer	Sadananda Mohanta	Jr. Steno-cum-Comp. Operator		25,500-81,100 AGP-2400/- (42,200)	16.10.2006	Temporary	OBC
13.	Driver	Sanjay Kumar Das	Driver-cum-Mechanic		21,700-69,100 AGP-2000/- (27,600)	23.07.2008	Temporary	Gen

14.	Driver	Sansaya Nayak	Driver-cum-Mechanic		21,700-69,100 AGP-2000/- (27,600)		Temporary	Gen
15.	Supporting staff	Laxman Nayak	Group-D		4750-14680 AGP-1700/- (6000)	01.01.2015	Temporary	ST
16.	Supporting staff	-	-	-	-	-	-	-



13.	Mushroom production unit	-	-	-	-	-	-	-	-
14.	Shade house	-	-	-	-	-	-	-	-
15.	Soil test Lab	-	-	-	-	-	-	-	-
16	Others, Please Specify	-	-	-	-	-	-	-	-

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Bolero	2022	9,00,000		Good

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
<b>a. Lab equipment</b>				
<b>b. Farm machinery</b>				
Tractor	2016	5,29,845	Working Condition	ICAR
Power tiller	2016	1,55,500	Working Condition	ICAR
Paddy transplanter	2016	1,92,000	Working Condition	ICAR
<b>c. AV Aids</b>				
LCD Projector	2017-18	40,500	Working Condition	ICAR
LCD Projector	2016-17	43848	Working Condition	ICAR
Digital Camera	2016-17	13,750	Working Condition	ICAR
Digital Camera	2017-18	14,975	Working Condition	ICAR
Video Camera	2017-18		Working Condition	ICAR

## D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Battery operated power sprayer				
Rotavator	2016	96,900	Good	ICAR
Brush cutter	2017	12,780	Good	ICAR
Tractor drawn leveller	2017	14,800	Good	ICAR
Diesel pump set (1.5 HP)	2017	14,600	Good	ICAR

## 1.8. Details of SAC meeting\* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	31.01.2023	40	To set up a model DEMO unit of zero budgeting organic farming in the campus. Natural farming and vermin-composting should be encouraged	A natural farming demonstration unit has been set up at KVK instructional Farm. Four nos. of crop have been taken as 1. Tomato+ Cowpea+ Marigold, 2. Chilli+ Fenugreek+ Coriander, 3. Brinjal+ Spinach + Coriander 4. Mustard+ Peas+ Marigold	
			To establish an agro-forestry model in unbunded upland for promoting and motivating the farmers of the district	We have requested DFO, Karanjia for providing different forest planting materials and guidance for establishment of an Agroforestry model at KVK. Accordingly ACF, Karanjia visited our farm and identified areas for establishment of the same. This year It will be	

				established with the support of Department of Forest, Govt. of Odisha	
			FPO should be strengthened and they should be included in most of the programme of KVK	In the demonstration of value addition of jackfruits, 10 nos. of FPO members from Meghasini FPO and Jashipur FPO from 7 nos. of villages were involved.	
			KVK should be associated with Farm Pond+ programme executed by watershed department and suitable technology for the farm pond to be recommended	KVK associated himself with Farm pond+ programme by executing one FLD on “demonstration on horticulture based farming system in farm pond for higher income” at 10 locations (farm pond) comprising 10 farmers at village Moudi, Manada, Biunria, Tuntuna of Jashipur block, Tilusahi of Raruan block.	
			Preservation of traditional varieties/indigenous species of the Similipal biosphere	During this year effort has been made to preserve the traditional local breeds of poultry of Mayurbhanj district. Accordingly, some breeds were collected and a unit has been established	
			Apple ber to be planted inside campus for promoting and motivating visiting farmers	50 nos. of apple ber plants of varieties Miss India, Ball Sundari and Thai green (3	

				varieties) has been planted at KVK farm during this year. Also 40 nos. of apple plants varieties Anna, Dorsett Golden (2 varieties) has been planted.	
			Initiative for processing and value addition NTFP, underutilized fruits like jackfruit, custard apple, tamarind, mohua, ber etc. to be started in the KVK campus under OMBARDC project	A demonstration on value addition of jackfruit in preparation of Jackfruit cookies was conducted during this year where 10 nos. of farm women from 5 villages namely Kaptira, Durdura, Dhalabani, Purunadeogaon, Jarali of Jashipur and karanjia block.	
			Honey bee rearing should to be initiated in the elephant affected area for prevention of damage of crops by elephant as well as an income generating activities	Twenty-seven (27) numbers of farmers were invited to KVK from elephant affected areas in consultation with Forest departments for a 3 days rural youth training programme on honey bee cultivation.	
			Collaboration with all the line departments should be enhanced for dissemination of successful technology generated by the KVK for wide coverage and penetration in the district.	Collaborative works has been done with ATMA, NHM,OIIPCRA, CSISA, Green-Ag, IFS, Millet mission projects of Government of Odisha.	
			Capacity building of SHG members along with Anganwadi worker should be done for better maintenance of	One FLD on “Nutritional Garden” was conducted during this year at 5 villages	

			nutritional garden including the nutrient management.	of Raruan and Karanjia block where 10 numbers of farm women involved.	
			Capacity development programme on value addition of millets should be continued for expansion of the business opportunities of the millets and for boosting the millet production in the district	During last three years 12 nos. of SHGs were developed their entrepreneurship in value added products of millets after attending the capacity development programme of KVK in collaboration with Odisha Millet Mission.	

\* Salient recommendation of SAC in bullet form

Attach a copy of SAC proceedings along with list of participants

2.a. District level data on agriculture, livestock and farming situation (2019-20)

Sl. no.	Item	Information															
1	Major Farming system/enterprise	<ul style="list-style-type: none"> <li>• Paddy-fallow, Maize-fallow. Pigeon pea-fallow, Black gram-fallow</li> <li>• Paddy – Green gram, Animal Husbandry</li> <li>• Paddy + Animal Husbandry,</li> <li>• Paddy -Vegetable, Paddy - Chick pea, Vegetable-vegetable</li> </ul>															
2	Agro-climatic Zone	North Central Plateau															
3	Agro ecological situation	AES-I, AES-II, AES-IV															
4	Soil type	Sandy loam, Red lateritic, Silty loam, Red & Yellow, Mixed Red & Black															
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	<table border="1"> <thead> <tr> <th><u>Name of the Crop</u></th> <th><u>Area (ha)</u></th> <th><u>Yield (q/ha)</u></th> </tr> </thead> <tbody> <tr> <td><u>Kharif</u></td> <td></td> <td></td> </tr> <tr> <td>Paddy</td> <td>2,94,725</td> <td>29.70</td> </tr> <tr> <td>Maize</td> <td>6,737</td> <td>40.14</td> </tr> <tr> <td>Arhar</td> <td>8,380</td> <td>09.12</td> </tr> </tbody> </table>	<u>Name of the Crop</u>	<u>Area (ha)</u>	<u>Yield (q/ha)</u>	<u>Kharif</u>			Paddy	2,94,725	29.70	Maize	6,737	40.14	Arhar	8,380	09.12
		<u>Name of the Crop</u>	<u>Area (ha)</u>	<u>Yield (q/ha)</u>													
		<u>Kharif</u>															
		Paddy	2,94,725	29.70													
		Maize	6,737	40.14													
Arhar	8,380	09.12															

		<b>Rabi</b>		
		Chickpea	7,580	07.25
		Ground nut	10,175	15.06
6	Mean yearly temperature, rainfall, humidity of the district	41.2(Max), 8.4(Min), 1648.2 mm in 77 rainy day		
7	Production of major livestock products like milk, egg, meat etc.	<b>Name of commodity</b>	<b>Area (ha) / No.</b>	<b>Total Production</b>
		Dairy	9,36,149 nos	Milk-12.52 m lit
		Poultry	26,71,290 nos	Egg-104.62 m
		Goatery	6,86,785 nos	
		Pisciculture	Ponds- 26980 nos Water spread area- 15347 ha	Productivity- 1.07 q/ha

Note: Please give recent data only

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

Name of village	Block	Geog. Area	Cultivable Area	Cultivated Area	Paddy Area			Area under Irrigation
					High	Med	Low	
Badsole	Jashipur	40244	20835	20100	121	8930	2249	2964
Sialinai	Karanjia	46625	19052	18998	1144	4875	3682	2933
Godapalsa	Raruan	21219	17574	15127	1234	4209	2674	1904
Chadripahadi	Jashipur	1045	909	896	191	484	222	203
Jhumkakudar	Karanjia	161	89	88	33	46	9	24
Kashipal	Jashipur	1071	967	942	281	507	152	114

#### 2. c. Details of village adoption programme:

Name of the villages adopted by SS&H and SMS (2023-24) for its development and action plan

Name of village	Block	Action taken for development
Badapahad	Jashipur	• Bench mark survey, Group meeting, FLD, OFT, Training programme, Awareness programme
Mata	Karanjia	• Bench mark survey, Group meeting, FLD, OFT, Training programme, Awareness programme
Tilusahi	Raruan	• Bench mark survey, Group meeting, FLD, OFT, Training programme, Awareness programme
Sanagaon	Karanjia	• Bench mark survey, Group meeting, FLD, OFT, Training programme, Awareness programme
Askipal	Sukruli	• Bench mark survey, Group meeting, FLD, OFT, Training programme, Awareness programme

### 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	M	F	T				
5	5	6	7	12	18	10	5	5	30	27	57	15	15	15	24	19	79	33	13	22	116	74	190						

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	M	F	T				
50	50	1741	254	223	366	442	87	369	53	1034	1741	52	61	2072	25	26	306	432	40	40	97	1099	2072						
			9	5					4					9	5				8	2	3								

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	M	F	M	F	T		
6	6	24	47	33	22	21	33	78	102	180	210	225	37	21	63	57	39	8	139	86	225						

Seed production (q)						Planting material (in Lakh)					
Target			Achievement			Target			Achievement		
81			100	(unprocessed)		1,00,000				83,650/-	

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
2000	1480	71	21

\* Give no. only in case of fish fingerlings

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper							
Seminar/conference/ symposia papers							
Books	5	2500					
Bulletins							
News letter	1	500					
Popular Articles	7	Mass					
Book Chapter							
Extension Pamphlets/ literature	5	2500					
Technical reports							
Electronic Publication (CD/DVD etc)	2	Mass					
<b>TOTAL</b>	<b>20</b>	<b>8500</b>					

### 3.1 Achievements on technologies assessed and refined

## OFT-1

1.	Title of On farm Trial	Assessment of Drudgery on different maize Sheller suitable to farm women
2.	Problem diagnosed	More drudgery & time consuming in shelling maize manually
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO1-Shelling by using CIWA flexible hand operated maize Sheller, TO2-Shelling by using stand flexible maize Sheller.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO1- ICAR, CIWA,2017  TO2- OUAT-2019
5.	Production system and thematic area	Homestead , Drudgery Reduction
6.	Performance of the Technology with performance indicators	Output Kg/hr, Efficiency (%) cleaning efficiency (%) WHR,beats/min ,% reduction in drudgery
7.	Final recommendation for micro level situation	Shelling by using stand flexible maize Sheller. Performance is better than use of flexible maize Sheller.
8.	Constraints identified and feedback for research	Shelling by using stand flexible maize Sheller, performance is better than use of flexible maize Sheller it is uses so comfortable
9.	Process of farmers participation and their reaction	Farmer show positive reaction towards stand flexible maize sheller.

*Thematic area:* Drudgery Reduction

Problem definition: More drudgery & time consuming in shelling maize manually

Technology assessed: -Assessment of Drudgery on different maize Sheller suitable to farm women

Table:

Technology option	No of trial	Average out put Kg/hr	Average of est. energy expenditure Kj/min	Average WHR Beats/min	Average of % reduction in drudgery	Average of % increase efficiency	Cadic cost of work(Rs)
FP	7	17	34.2	114	18.4	264.7	38
TO1		63.7	5.9	93			12
TO2		69.3	5.33	87	23.68	278.9	10



## OFT-2

1.	Title of On farm Trial	Assessment of yield of different fodders for Dairy nutrition & milk production
2.	Problem diagnosed	Unavailability of feeding during lean period ,low production of milk due to nutrient deficiency ,high cost of feed available in the market.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO1-Hybrid SUPER Napier  TO2-Maize African tall

		TO3- Guinea grass TO4-Para grass
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	NDDB ,2016
5.	Production system and thematic area	Fodder Production
6.	Performance of the Technology with performance indicators	Green Fodder Yield(q/ha), milk Yield(It/month)
7.	Final recommendation for micro level situation	Super Napier cultivation practices performs yield higher than other fodder
8.	Constraints identified and feedback for research	Super Napier cultivation practices performs & increase milk yield higher than other fodder.
9.	Process of farmers participation and their reaction	Farmer show positive reaction towards cultivation super Napierfodder

*Thematic area:*

Problem definition: Unavailability of feed during lean period, low production of milk due to nutrient deficiency, High cost of feed available in the market

Technology assessed: TO1- Super Napier  
TO2-Maize African tall  
TO3-Guinea grass  
TO4-Para grass

Table:

Technology option	No. of trials	Yield( t/ha)	Mean milk production (Lt/day)	% Increases	Mean Fat%	Mean SNF%	Net return/ cow/60 days	B: C
FP			7.34	8.3	3.58	7.53	11500	1.67

TO1	7	30.5/	9.05		4.6	8.25	18300	2.06
TO2		2.70	4.5		3.42	7.10	15200	1.71
TO3		25	8.57		3.8	7.64	17450	1.92
TO4		12	8.42		3.9	7.87	17300	1.88



### OFT-3

1.	Title of On farm Trial	Assessment of herbicides for weed management in transplanted rice
2.	Problem diagnosed	<b>Low yield due to severe weed infestation in transplanted rice</b>
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	<p>FP-Application of Butachlor@ 1kg a.i/ha.</p> <p>TO1-Application of Cyhalofopbutyl + Penoxsulam@ 135g/ha at 20DAT</p> <p>TO2-Pre-emergence application of Pretilachlor@ 500 g/ha before post-emergence</p> <p>Application of Chlorimuronethyl + Metsulfuronmethyl @ 4g/ha at 20DAT</p>



		No. of effective tillers/hill	No. of <b>Filled Grains/panicle</b>	(q/ha)	Cost of cultivation (Rs./ha)		(Rs./ha)	
FP	7	<b>11.800</b>	<b>68.802</b>	<b>3.694</b>	9945	24570	<b>14625</b>	<b>1.68</b>
TO1		<b>13.736</b>	<b>72.014</b>	<b>3.900</b>	19202	38214	<b>19012</b>	<b>2.01</b>
TO2		<b>17.200</b>	77.09	<b>5.032</b>	37341	62572	<b>25231</b>	<b>2.48</b>



#### OFT-4

1	Title of On farm Trial	Assessment of High yielding Finger millet varieties with Nutrient Management
2	Problem diagnosed	Low yield from traditional varieties and poor nutrient management

3 .	Details of technologies selected for assessment/refinement	Ragi var. Arjun with application of NPK (80:30:30) kg/ha( <i>OUAT, 2011</i> )  <b>TO<sub>2</sub></b> : Ragi var. OUAT Kalinga Finger millet-601 (Shreeratna) with application of NPK (80:30:30) kg/ha ( <i>OUAT, 2023</i> )
4 .	Source of Technology (ICAR/AICRP/SAU/other, please specify)	( <i>OUAT, 2011</i> ) ( <i>OUAT, 2023</i> )
5 .	Production system and thematic area	<b>Farming situation- Rainfed low land</b>
6 .	Performance of the Technology with performance indicators	Ragi var. OUAT Kalinga Finger millet-601 (Shreeratna) with application of NPK (80:30:30) performed better in comparison to local and Arjuna variety under similar nutrient regime
7 .	Final recommendation for micro level situation	
8 .	Constraints identified and feedback for research	Availability of new variety in large scale may be a problem
9 .	Process of farmers participation and their reaction	Farmers were happy with the performance of the new varieties.

*Thematic area: Varietal evaluation*

Table:-

Results	No of tillers/hill	No of Fingers/ear head	test weight	yield ( q /ha)	Net return (Rs/Ha)	B:C ratio
FP	3.1	6.1	2.66	9.0	22716	1.41
To1	4.8	9.4	3.21	16.7	43765	1.74

To2	5.7	11.1	3.61	19.4	48783	1.88
CD 5%	0.21	1.3	0.84	6.1	6752	-



### OFT-5

1.	Title of On farm Trial	Assessment of performance of different Ragi threshing machines for small and marginal farmers (Summer)
2.	Problem diagnosed	Unavailability of feed during lean period, low production of milk due to nutrient deficiency, High cost of feed available in the market.
3.	Details of technologies selected for assessment/refinement	TO1- Pedal/Treadle operated ragi thresher TO2-0.5 hp motor operated mini ragi thresher cum pearler

4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Source: OUAT,2020
5.	Production system and thematic area	Rice-fallow, Farm Machinery
6.	Performance of the Technology with performance indicators	Capacity (kg/h), Cost of operation (Rs/kg) , Threshing efficiency (%) Cleaning efficiency (%)
7.	Final recommendation for micro level situation	0.5 hp motor operated mini ragi thresher cum pearler
8.	Constraints identified and feedback for research	0.5 hp motor operated mini ragi thresher cum pearler, performs well in comparison to traditional method. With less manpower & costing.
9.	Process of farmers participation and their reaction	0.5 hp motor operated mini ragi thresher cum pearler, performs well in comparison to traditional method. With less manpower & costing.

*Thematic area: Value addition*

Problem definition: **More time, labour and investment in manual threshing**

Technology assessed: TO1- **Pedal/Treadle operated ragi thresher**  
TO2--**0.5 hp motor operated mini ragi thresher cum pearler**

Table:

<b>Tech. Options</b>	<b>Details of Technologies</b>	<b>Capacity (kg/h)</b>	<b>Cost of operation (Rs/kg)</b>	<b>Threshing efficiency (%)</b>	<b>Cleaning efficiency (%)</b>	<b>Time saving (%)</b>	<b>Cost saving (%)</b>	<b>Labour saving (%)</b>
FP	Manual threshing	15	10.80	89.5	90.5			

TO1	Pedal/Treadle operated ragi thresher	25.5	5.30	87.7	82.5	55.3	50.9	73.2
TO2	0.5 hp motor operated mini ragi thresher cum pearler	32.6	3.20	93.3	92.6	65.1	70.4	86

#### 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 <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O					
Finger Millet	Kharif	Rainfed	Sandy loam	249	12	118	Green gram	28.09.2023	27.12.2023	70	4
Sesamum	Kharif	Rainfed	Sandy loam	247	11	116	Paddy	16.07.2023	19.09.2023		

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













Total										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (Pl.specify)										
Total										

Good quality photographs of FLDs





## Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Fodder	More appreciated cultivation of super Napier grass due to increase milk yield by consume supper Napier fodder .
2	Maize	More comfortable & save time Shelling maize by using Flexible maize sheller with stant
3	Millet	0.5 hp motor operated mini ragi thresher cum pearler, performs well in comparison to traditional method. With less manpower & costing.
4		Availability of new variety in large scale may be a problem

## Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	23.12.2023, 4.01.2024, 16.01.2024	3	130	Village:- Tilusahi, Askipal, Moudi
2.	Farmers Training		16	480	Village-tilusahi ,mata ,Askipal,Jhumukakudr
3.	Media coverage				
4.	Training for extension functionaries				

## Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif2023 and Rabi 2022-23:

## 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	Sesame	Local	4.38	4.22	4.02	8.5	Improved Sesame Variety- Smarak, Application of FYM @4 t/ha+Seed treatment with bavistin@2 gm per kg of seed,Preimergence weedicide pendimethalin @6 ml per one lit of water ,Foliar spaying of multiplex	75	30	8.2	7.2	7.7	82.46	91.54	36.36

							@2.5 ml per one liter of water(Liquid N)										
--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	--	--	--

### 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	Improved Sesame Variety- Smarak, Application of FYM @4 t/ha+Seed treatment with bavistin@2 gm per kg of seed,Preimergence weedicide pendimethalin @6 ml per one lit of water ,Foliar spaying of multiplex @2.5 ml per one liter of water(Liquid N)	15700	35000	19300	2.22	22300	54600	32300	2.44

**C. Socio-economic impact parameters**

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/household)
1	Crop- Sesame, Vr-Smarak	15550	458	80	5945	4050	household expenditure and purchase of input for rabi agriculture 2023-24	10

**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	Introduction of improved variety, application of Preimmurgence weedicide pendimethalin @6 ml per one lit of water ,Foliar spaying of multiplex @2.5 ml per one liter of water(Liquid N)	Yes	Yes	42 %	No	Yes	-

**E. Specific Characteristics of Technology and Performance**

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
1	Introduction of improved variety, application of Preimmurgence weedicide pendimethalin @6 ml per	Yes	Yes



Thematic Area	No. of Courses	No. of Participants									Grand Total			
		Other			SC			ST			M	F	T	
		M	F	T	M	F	T	M	F	T				
Integrated Farming														
Micro irrigation/irrigation														
Seed production														
Nursery management														
Integrated Crop Management														
Soil & water conservation														
Integrated nutrient Management														
Production of organic inputs	1	4	17	21	2	7	9	2	8	10	8	32	40	
Others														
Total	3	22	28	40	2	7	9	14	17	31	38	52	90	
<b>II. Horticulture</b>														
<b>a) Vegetable Crops</b>														
Production of low volume and high value crops														
Off0season vegetables														
Nursery raising														
Exotic vegetables														
Export potential vegetables														
Grading and standardization														
Protective cultivation														
Others														
Total (a)														
<b>b) Fruits</b>														
Training and Pruning														
Layout and Management of Orchards														
Cultivation of Fruit														
Management of young plants/orchards														
Rejuvenation of old orchards														
Export potential fruits														
Micro irrigation systems of orchards														
Plant propagation techniques														
Others														
Total (b)														
<b>c) Ornamental Plants</b>														
Nursery Management														
Management of potted plants														
Export potential of ornamental plants														
Propagation techniques of Ornamental Plants														
Others														
Total (c)														
<b>d) Plantation crops</b>														
Production and Management technology														
Processing and value addition														
Others														
Total (d)														
<b>e) Tuber crops</b>														
Production and Management technology														
Processing and value addition														
Others														
Total (e)														
<b>f) Spices</b>														











Thematic Area	No. of Courses	No. of Participants									Grand Total			
		Other			SC			ST			M	F	T	
		M	F	T	M	F	T	M	F	T				
Others														
Total (b)														
<b>c) Ornamental Plants</b>														
Nursery Management														
Management of potted plants														
Export potential of ornamental plants														
Propagation techniques of Ornamental Plants														
Others														
Total (c)														
<b>d) Plantation crops</b>														
Production and Management technology														
Processing and value addition														
Others														
Total (d)														
<b>e) Tuber crops</b>														
Production and Management technology														
Processing and value addition														
Others														
Total (e)														
<b>f) Spices</b>														
Production and Management technology														
Processing and value addition														
Others														
Total (f)														
<b>g) Medicinal and Aromatic Plants</b>														
Nursery management														
Production and management technology														
Post harvest technology and value addition														
Others														
Total (g)														
Total(a-g)														
<b>III. Soil Health and Fertility Management</b>														
Soil fertility management														
	1	3	3	6	4	6	10	4	10	14	11	19	30	
Integrated Nutrient Management	1	1	1	2	4	8	12	5	11	16	16	14	30	
Production and use of organic inputs														
Management of Problematic soils														
Micro nutrient deficiency in crops														
Nutrient Use Efficiency														
Balance Use of fertilizer														
Soil & water testing														
others														
<b>Total</b>	2	4	4	8	8	14	22	9	22	30	27	33	60	
<b>IV. Livestock Production and Management</b>														
Dairy Management														
Poultry Management	1	00	00	00	00	00	00	00	30	30	00	30	30	

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				
Piggery Management														
Rabbit Management														
Animal Nutrition Management														
Disease Management														
Feed & fodder technologies	1	00	00	00	00	00	00	00	30	30	00	30	30	
Production of quality animal products														
Others														
<b>Total</b>	2	00	00	0	0	0	0	00	60	60	0	60	60	
<b>V. Home Science/Women empowerment</b>														
Household food security by kitchen gardening and nutrition gardening	1	00	09	09	00	18	18	00	03	03	00	30	30	
Design and development of low/minimum cost diet														
Designing and development for high nutrient efficiency diet	1	00	00	00	00	00	00	00	30	30	00	30	30	
Minimization of nutrient loss in processing														
Processing & cooking														
Gender mainstreaming through SHGs														
Storage loss minimization techniques														
Value addition	5	00	47	47	00	19	19	00	84	84	00	150	150	
Women empowerment														
Location specific drudgery reduction technologies														
Rural Crafts														
Women and child care														
Others														
<b>Total</b>	6	0	9	9	0	37	37	0	174	174	0	220	220	
<b>VI. Agril. Engineering</b>														
Farm machinery & its maintenance	4	14	23	37	12	02	14	33	36	69	59	61	120	
Installation and maintenance of micro irrigation systems	1	19	04	23	00	00	00	05	02	07	24	06	30	
Use of Plastics in farming practices														
Production of small tools and implements														
Repair and maintenance of farm machinery and implements														
Small scale processing and value addition														
Post Harvest Technology	1	6	2	8	2	3	5	7	10	17	19	11	30	
Others														
<b>Total</b>	6	39	38	77	14	5	19	45	12	93	102	78	180	
<b>VII. Plant Protection</b>														
Integrated Pest Management	2	27	1	28	12	01	13	26	03	29	55	5	60	
Integrated Disease Management	5	64	04	68	23	06	29	68	05	73	135	15	150	
BioControl of pests and diseases	4	14	23	37	12	02	14	33	36	69	59	61	120	
Production of bio control agents and bio pesticides														
Others														
<b>Total</b>	11	105	34	133	47	9	56	127	44	171	249	81	330	







Thematic Area	No. of Courses	No. of Participants									Grand Total			
		Other			SC			ST			M	F	T	
		M	F	T	M	F	T	M	F	T				
Micro irrigation/irrigation														
Seed production														
Nursery management														
Integrated Crop Management														
Soil & water conservation	1	23	2	25							23	7	30	
Integrated nutrient Management	1	1		1				20	4		27	3	30	
Production of organic inputs	2	4		4				21	1	23	41	19	60	
Others														
Total	<b>7</b>	<b>52</b>	<b>18</b>	<b>70</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>74</b>	<b>42</b>	<b>88</b>	<b>158</b>	<b>82</b>	<b>240</b>	
<b>II. Horticulture</b>														
<b>a) Vegetable Crops</b>														
Production of low volume and high value crops	1	5	3	8	-	-	-	10	7	17	25	5	30	
Off-season vegetables	1	16	-	16	-	-	-	9	-	9	25	5	30	
Nursery raising	1	2	-	2	-	1	-	12	-	12	17	13	30	
Exotic vegetables	1	2	-	2	-	1	-	12	-	22	8	22	30	
Export potential vegetables														
Grading and standardization	1				30		30				30		30	
Protective cultivation	1	2	-	2	-	1	1	24	-	18	24	6	30	
Others														
Total (a)	<b>6</b>	<b>25</b>	<b>3</b>	<b>28</b>	<b>25</b>	<b>2</b>	<b>26</b>	<b>43</b>	<b>7</b>	<b>50</b>	<b>129</b>	<b>51</b>	<b>180</b>	
<b>b) Fruits</b>														
Training and Pruning														
Layout and Management of Orchards														
Cultivation of Fruit														
Management of young plants/orchards														
Rejuvenation of old orchards														
Export potential fruits														
Micro irrigation systems of orchards														
Plant propagation techniques														
Others														
Total (b)														
<b>c) Ornamental Plants</b>														
Nursery Management														
Management of potted plants														
Export potential of ornamental plants														
Propagation techniques of Ornamental Plants														
Others														
Total (c)														
<b>d) Plantation crops</b>														
Production and Management technology														
Processing and value addition														
Others														
Total (d)														
<b>e) Tuber crops</b>														
Production and Management technology														
Processing and value addition														
Others														
Total (e)														
<b>f) Spices</b>														









Thematic Area	No. of Courses	No. of Participants									Grand Total			
		Other			SC			ST			M	F	T	
		M	F	T	M	F	T	M	F	T				
Gender mainstreaming through SHGs														
Formation and Management of SHGs														
Women and Child care														
Low cost and nutrient efficient diet designing														
Group Dynamics and farmers organization														
Information networking among farmers														
Capacity building for ICT application														
Management in farm animals														
Livestock feed and fodder production														
Household food security														
Other														
<b>Total</b>														

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
<b>Agriculture Extension</b>	Farmer & Farmwomen	Farm record management	1	Off Campus	17	13	30	3	2	5
		Capacity building in farmer group	1	Off Campus	22	8	30	12	8	13
		Seed treatment in rice and its benefits	1	Off Campus	23	11	30	2	11	13
		Packages & practices of horticultural crop	1	Off Campus	21	14	30	10	14	24
<b>Plant Protection</b>	Farmer & Farmwomen	Integrated management of wilt complex of brinjal	1	Off Campus				2	5	7
		Suitable IPM module for YVMV in Okra	1	Off Campus				2	1	3
		IPM of Yellow Stem Borer in kharif paddy1	1	Off Campus				0	1	1
		BPH management in paddy	1	Off Campus				3	2	5

		IPM of Pigeon pea	1	Off Campus						30
		Management of insect pest in brinjal	1	Off Campus						30
		Management of insect pest in chilli	1	Off Campus						30
<b>Agriculture Engineering</b>	F & FW	Use of seed cum fertilizer drill for line sowing of Maize	1	Off Campus	17	13	30			30
		Mechanized DSR and its suitability	1	Off Campus	22	8	30			30
		Bullock drawn seed drills suitable to small and marginal farmers	1	Off Campus	23	7	30			30
		Use and operation of ragi thresher	1	Off Campus	21	9	30			30
		Irrigation scheduling and water conservation in mustard crops	1	Off Campus						30
		Post harvest management of maize	1	Off Campus						30
<b>Women in Agriculture</b>	F & FW	Rearing improved poultry breed (Variety-Chabro & Palishree) in back yard condition	1	Off Campus	0	30	30	0	30	30
		Cultivation practices of paddy straw mushroom by uses crumbled straw.	1	Off Campus	0	30	30	0	30	30
		Cultivation practices of different fodder cultivation,	1	Off Campus	0	30	30	0	30	30
		Improving food nutrition	1	Off Campus	0	30	30	0	30	30

		security through homestead gardening								
		Designing low cost diet for malnutrition children	1	Off Campus	0	30	30	0	30	30
		Preparation and preservation of biscuits from Oyster mushroom & Sorghum millet flour	1	Off Campus	0	30	30	0	30	30
		Preparation of value-added product from tomato	1	Off Campus	0	30	30	0	30	30
		Preparation of dehydrated product from cereals and pulses	1	Off Campus	0	30	30	0	30	30
		Value addition of oyster mushroom	1	Off Campus	0	30	30	0	30	30
		Preparation & preservation o value added product from tomato		Off Campus	0	30	30	0	30	30
Agronomy	F&FW	Training on Nitrogen management by LCC in Rice		Off Campus	12	18	30	2	10	12
		Training on integrated nutrient management in Finger millet		Off Campus	23	7	30	3	9	12
		Training on weed management in maize		Off Campus	17	13	30	12	13	25
		Integrated Nutrient Management in Mustard		Off Campus	21	9	30	20	4	24
		Training on Contingent crop management during untimely rainfall in Rice in kharif season.		Off Campus	21	9	30	12	13	25
		Training on types of nozzle,		Off Campus	23	7	30	20	0	20

		sprayer and spraying techniques of herbicides in Rice								
		Training on IWM in rice		Off Campus	23	7	30	23	5	28
		Training on INM for higher yield in maize		Off Campus	19	11	30	8	9	17
		Training on methods of Soil sample collection, processing of soil sample and testing of different nutrient by Mridaparikshyak		Off Campus	17	13	25	2	10	12
		Training on deficiency symptoms of micronutrients and their management		Off Campus	17	13	30	12	10	22

## 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 elsewhere
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Mushroom cultivation	Mushroom cultivation	Entrepreneurship development through mushroom cultivation	3			20	5	5	2	1
Finger millet	Value addition	Entrepreneurship development through value added product from different millet.	3		15	15	2	2	10	7
		Entrepreneurship development	3		15	15	2	1	5	2



Piggery														
Poultry farming														
Other														
<b>Total</b>														
<b>Income generation activities</b>														
Vermicomposting														
Production of bioagents, biopesticides, biofertilizers etc.														
Repair and maintenance of farm machinery & implements														
Rural Crafts														
Seed production														
Sericulture														
Mushroom cultivation	5	27	51	78	1	3	4	11	15	26	39	69	108	
Nursery, grafting etc.	2	27	51	78	1	3	4	11	15	26	32	32	64	
Tailoring, stitching, embroidery, dying etc.														
Agril. Para-workers, para-vet training														
Other														
<b>Total</b>	<b>7</b>	<b>31</b>	<b>66</b>	<b>97</b>	<b>1</b>	<b>4</b>	<b>5</b>	<b>13</b>	<b>26</b>	<b>39</b>	<b>45</b>	<b>96</b>	<b>172</b>	
<b>Agricultural Extension</b>														
Capacity building and group dynamics														
Other														
<b>Total</b>	<b>7</b>	<b>31</b>	<b>66</b>	<b>97</b>	<b>1</b>	<b>4</b>	<b>5</b>	<b>13</b>	<b>26</b>	<b>39</b>	<b>45</b>	<b>96</b>	<b>172</b>	
<b>Grand Total</b>	<b>7</b>	<b>31</b>	<b>66</b>	<b>97</b>	<b>1</b>	<b>4</b>	<b>5</b>	<b>13</b>	<b>26</b>	<b>39</b>	<b>45</b>	<b>96</b>	<b>172</b>	

## I) Sponsored Training Programmes

### a) Details of Sponsored Training Programme



Total														
<b>Farm machinery</b>														
Farm machinery, tools and implements														
Other														
Total														
<b>Livestock and fisheries</b>														
Livestock production and management	3	17	9	26	14	4	18	13	3	16	44	16	60	
Animal Nutrition Management	1	0	5	5	0	7	7	0	8	8	0	20	20	
Animal Disease Management														
Fisheries Nutrition														
Fisheries Management														
Other	2	10	5	15	10	4	14	8	3	11	28	12	40	
Total	7	38	17	55	30	14	44	31	10	41	99	41	140	
<b>Home Science</b>														
Household nutritional security														
Economic empowerment of women	3	12	11	23	10	6	16	14	7	21	36	24	60	
Drudgery reduction of women														
Other														
Total	3	12	11	23	10	6	16	14	7	21	36	24	60	
<b>Agricultural Extension</b>														
Capacity Building and Group Dynamics														
Other														
Total														
<b>Grant Total</b>	<b>10</b>	<b>63</b>	<b>45</b>	<b>108</b>	<b>45</b>	<b>39</b>	<b>84</b>	<b>55</b>	<b>33</b>	<b>88</b>	<b>137</b>	<b>63</b>	<b>200</b>	

Good quality photographs of training activity:



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

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	2	31	69	100	93	4	1	3	35	70	105
Kisan Mela	2	481	99	580	336			0	481	99	580
Kisan Ghosthi	2		70	70	41	3	5	8	3	75	78
Exhibition	1	172	35	207	120	10	3	13	182	38	220
Film Show	15	279	61	340	197	23	10	33	302	71	373
Method Demonstrations	11	80	90	170	99			0	80	90	170
Farmers Seminar		0	0		0			0	0	0	0
Workshop		0	0		0			0	0	0	0
Group meetings	15	259	53	312	181			0	259	53	312
Lectures delivered as resource persons	37	715	295	1010	586	198	82	280	913	377	1290
Advisory Services	6	Mass	Mass					0			
Scientific visit to farmers field	49	770	158	928	538	36	10	46	806	168	974
Farmers visit to KVK	199	119	100	219	127			0	119	100	219
Diagnostic visits	62	282	58	340	197	20	5	25	302	63	365
Exposure visits											
Ex-trainees Sammelan											
Soil health Camp											
Animal Health Camp	1	51	10	61	35	8	2	10	59	12	71
Agri mobile clinic					0			0	0	0	0
Soil test campaigns	1	39	3	42	24		1	1	39	4	43
Farm Science Club Conveners meet					0			0	0	0	0
Self Help Group Conveners meetings	1		61	61	35	4	2	6	4	63	67
Mahila Mandals Conveners meetings	0	0	0	0	0			0	0	0	0
Celebration of important days (specify)	7	548	231	779	452			0	548	231	779
Poshan Abhiyan and Brukshya ropan	1		102	102	59	3	3	6	3	105	108
Mahila kissan Diwas	1		58	58	34	3	1	4	3	59	62
PM Kisan Samman Sammelan	1	105	45	150	87	10	2	12	115	47	162
Vigilance Awareness week	1	4	24	28	16	2	6	8	6	30	36







Hog												
Others (Pl. specify)												
Fisheries												
Indian carp												
Exotic carp												
Mixed carp												
Fish fingerlings												
Spawn												
Others (Pl. specify)												
<b>Grand Total</b>	Aseel ,kadaknath,vezaguda Palishree, colour broiler	1460		1	0	0	137	01	0	02	137	

Good quality photographs of livestock and fisheries:



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

i) Name of Seed Hub Centre: NA

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

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2023						
Rabi 2021-22						
Summer/Spring 2023						
Kharif 2023						
Rabi 2022-2023						

iii) Financial Progress

Fund received (2020-21, 2021-22, 2022-23 and 2023-24)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2020-21				
2021-22				
2022-23				
2023-24				

## iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

3.6.

## (A) Literature Developed/Published (with full title, author &amp; reference)

Item	Title	Author's name	Number	Circulation
Research paper				
Seminar/conference/ symposia papers				
Books				
Bulletins				
News letter				
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature	Sabuja Sara Jia khata Bihan Bisodhana Prakrutika Krusi Baiganika Padhati re Sorisa Chasa		2500	
Technical reports				
Electronic Publication (CD/DVD etc.)				
TOTAL			2500	

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.	Refresher training	Workshop on early childhood caring for working women	Mrs Bidyutlata Mallick Scientist (Home Science	7 <sup>th</sup> -8 <sup>th</sup> Feb, 2023	Community Science Collage, OUAT, BBSR

2.	Natural farming	Workshop cum training on Natural Farming visit IFS	Mr Debasis Jaypuria SMS (Ag,Extn.)	15-16 <sup>th</sup> Feb, 2023	West Bengal University of Animal & Fishery Sciences, Kolkata, WB
3.	Refresh training programme	Training on cum exposure visit of IFS for sustainable income	Mr Debasis Jaypuria SMS (Ag,Extn.)	27-28 <sup>th</sup> March, 2023	Bhubaneswar

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	Smt.Bharati Mohanta
Address	Village-Tangabila GP-TangabilaBlock-Jashipur Dist.-Mayurbhanj Pin-757091
Contact details (Phone, mobile, email Id)	99337938226
Landholding (in ha.)	1.25 ha.
Name and description of the farm/ enterprise	Mushroom Production
Economic impact	After intervention of KVK; She is earning around annual income of Rs. 6,84,000. In backyard poultry there is an increase in body weight, egg laying and less mortality over control. In nutritional garden there is an increase in production (61.35%) of vegetables with net profit of Rs. 3960/ 0.02 ha. Inpaddy production 15 qt yield on 0.5 ha with net profit Rs 31500/ 0.5 ha
Social impact	She established Maa Brundabati at her village under which 50 number of rural women preparing Mushroomproduction withspawn.
Environmental impact	Use of paddy straw in eco friendly manner
Horizontal/ Vertical spread	50 no.of women are preparing Mushroom Spawn
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)NA

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

- b. Give details of organic farming practiced by the farmer

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

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

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed
1	PRA	Training/FLD/OFT
2	Problem Martrix	Training/FLD/OFT
3	Technology Pool	OFT

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

Sl. No	Name of the Equipment	Qty.

- 3.11.b. Details of samples analyzed so far :

Number of soil samples analyzed			No. of Farmers	No. of Villages	Amount realized (in Rs.)
Through mini soil testing kit/labs	Through soil testing laboratory	Total			
-	38	38	76	5	

- 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	173	2		21	21

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

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

--	--	--	--	--

## 3.13. Technology week celebration

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

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

No of student trained	No of days stayed

ARS trainees trained	No of days stayed

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

Date	Name of the person	Purpose of visit
31.01.2023	Dr .Guru Prasad Mohanty, OIC, Livestock Instructional farm, OUAT	Attended 12 <sup>th</sup> SAC meeting Chairman
31.01.2023	Dr.Mahamaya Prasad Nayak, JD (Info), OUAT	Attended 12 <sup>th</sup> SAC meeting
24.03.2023	Dr .Dayanidhi Mishra, DPME cum OIC, AICRN on Potential crops	Farmers Fair on Natural farming
24.03.2023	Dr. Digbijaya Swain, OIC, AICRP on Maize	Farmers Fair on Natural farming
24.03.2023	Mrs. Kumudini Dalei	Farmers Fair on Natural farming

## 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)
Mushroom Cultivation	225	78	19500/year	34000/year
Wilt tolerant Tomato Variety	59	52	25000/acre	41000/acres
Rearing Improved Poultry in Backyard	310	85	8500/20 nos. of bird	20539/ 20 nos. of birds
Seed-cum-Fertilizer drill	85	30	17000/year	81500/year
Value addition	140	65	4500/year	8560/year

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

## 4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

Horizontal spread of technologies
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Technology	Horizontal spread
Off season Cauliflower	160 ha
Paddy Straw& oyster Mushroom Cultivation	185 nos. of villages
Poultry	230 nos. of villages
Seed-cum-fertilizer drill	1800 ha

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

Sl. No.	Brief details of technology	Impact of the technology in subjective terms	Impact of the technology in objective terms
1	Demonstration on Zinc application in lowland rice	Appreciated due to control due to application in low land	38ha
2	Management of FAW in maize	Appreciated due to control of FAW and more yield	210 ha
3	<b>Management of Red Spider mite in Brinjal</b>	Appreciated due to control <b>Red Spider mite causing less damage to Brinjal crop.</b>	28ha

#### 4.4. Details of innovations recorded by the KVK

Thematic area	---
Name of the Innovation	---
Details of Innovator	---
Back ground of innovation	---
Technology details	---
Practical utility of innovation	---

#### 4.5. Details of entrepreneurship development

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

#### 4.6. Any other initiative taken by the KVK

## 5. LINKAGES

### 5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
NRRI, Cuttack	Training
CTCRI, Bhubaneswar	-----
CSISA, Odisha hub	Training, Demonstration
ATMA, Mayurbhanj	Training, Extension Activities, Demonstration, Farmer's-scientist interaction, farmer's fair, ATMA activities, Field day
NGOs of Mayurbhanj district	Training, Extension Activities, Demonstration, Farmer's-scientist interaction, farmer's fair
OIPCRA, Mayurbhanj district	
Odisha Millet Mission, Mayurbhanj	Training, Extension Activities, Demonstration
Mission Shakti, Odisha	Training
Line departments of Mayurbhanj district	Training, Extension Activities, Demonstration, Farmer's-scientist interaction, farmer's fair, ATMA activities, Field day
AICRP on UAE, ESA, Maize, AICRN on potential crops, OUAT	Demonstration
NRRI, Cuttack	Training

5.2. List of special programmes undertaken during 2023 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies (**information of previous years should not be provided**)

#### a) Programmes for infrastructure development

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

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

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

## 6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Name of demo Unit	Year of estt.	Area (Sq. mt)	Details of production			Amount (Rs.)		Remarks
				Variety/breed	Produce	Qty.	Cost of inputs	Gross income	
1	Mushroom unit	2014	24	V.volvacea, P.Sajarkaju	Mushroom	100 kg	6726	10000	Mushroom unit
2	Poultry	2015	18	Aseel poultry breed	21 days chicks	1460	1,03,561	1,32,800	Poultry
3	Vermicompost	2014	15	African Earthworm	Compost & Vermi	1700 kg and 1 kg	5640	34000	Vermicompost
4	Poly house	2016	24	-	Seedling	395600 nos.	143785/-	202614	Poly house
5	Azola unit	2018	18	-	Azolla	-	-	-	Azola unit
6	Kitchen Garden	2013	320	Vegetables	Vegetables	120 kg	670/-	1200	Kitchen Garden
7	Harbal Garden	2018	160	Medicinal Plant	Medicinal Plant	-	-	-	Harbal Garden
Total									

## 6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Paddy	26.07.2022	2.12.2022	3	Pratikshya	FS	77	1,22,708	2,74,274	

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

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.	Vermicompost	1700	5000/-	34000/-	

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

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

1.	Poultry	Aseel ,kadaknath,vezaguda,colour broiler,palishree	21 days	1460	1,03,561	1,32,800	
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## 6.5. Utilization of hostel facilities

Accommodation available (No. of beds): NA

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

(For whole of the year)

## 6.6. Utilization of staff quarters

Whether staff quarters has been completed: NA

No. of staffquarters:

Date of completion:

Occupancy details:

Months	Q I	Q II	Q III	Q IV	Q V	Q VI

7. FINANCIAL PERFORMANCE

## 7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
KVK Contingency	State Bank Of India	Jashipur	32417957765
KVK C/A	State Bank Of India	Jashipur	39467589642
Revolving Fund	State Bank Of India	Jashipur	35031091062

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

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

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1 <sup>st</sup> April 2013
	Kharif	Rabi	Kharif	Rabi	

## 2019.5. Utilization of KVK funds during the year 2023-24(Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
<b>A. Recurring Contingencies</b>				
1	Pay & Allowances	92,50,000	101,61,000	80,92,319
2	Traveling allowances	150000	150000	85062
3	Contingencies			
A	Contingency			
B	TSP	2900000	1814800	1686400
C				
D				0
E	Natural Farming	174000	172800	39955
F	CFLD (oilseeds)	150000	---	---
G				
H				
I				
J	Swachhta Expenditure	34000	--	--
TOTAL (A)		12658000	12298600	9903736
<b>B. Non-Recurring Contingencies</b>				
1	Library	10000	10000	----
2				
3				
4				
TOTAL (B)		10000	10000	---
<b>C. REVOLVING FUND</b>				
GRAND TOTAL (A+B+C)		12668000	12308600	9903736

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

Year	Opening balance as on 1 <sup>st</sup> April	Income during the year	Expenditure during the year	Net balance in hand as on 1 <sup>st</sup> April of each year (Kind + cash)
2019-20	1,47,356.30	4,67,930	4,60,617.60	1,54,668.70
2020-21	1,54,668.70	2,90,516.50	3,54,557.60	90,277.60
2021-22	90,227.60	64,6837	34,9102	23,0174
2022-23	2,30,171.60	19,5517	31,3076	2,84,390.60
2023-24	2,84,390.60	1,59,192	2,54,008.50	3,89,574.10

- 7.6. (i) Number of SHGs formed by KVKs-2 no  
(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities  
(iii) Details of marketing channels created for the SHGs

## 7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activity	Season	With line department	With ATMA	With both
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## 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)
FAW	Maize	July	300	60	Need based PP chemicals, advisory
BPH	Paddy	October	30	19	Need based PP chemicals, advisory

## 8.2. Prevalent diseases in Livestock/Fishery

Name of the disease	Species affected	Date of outbreak	Number of death/ Morbidity rate (%)	Number of animals vaccinated	Preventive measures taken in pond (in ha)
--	---	---	---	--	---

## 9.1. Nehru 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 &amp; FR Sensitization training Programme

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

## 9.3. mKisanPortal (National Farmers' Portal/ SMSPortal)

Type of message	No. of messages	No. of farmers covered
Crop	10	74,848
Livestock	4	22,912
Fishery	0	
Weather	4	18412
Marketing	-	-

Awareness	7	38,530
Training information	4	32,448
Other	4	31262
<b>Total</b>	<b>33</b>	<b>2,18,412</b>

#### 9.4. KVK Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	108
2.	No. of farmers registered in the portal	6409
3.	Mobile Apps developed by KVK	Nil
4.	Name of the App	-
5.	Language of the App	-
6.	Meant for crop/ livestock/ fishery/ others	-
7.	No. of times downloaded	

#### 9.5. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken
October 2023 to November 2023	KVK Campus cleaning sanitization, Awareness programme on different villages

#### b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office		
2. Basic maintenance		
3. Sanitation and SBM		6000
4. Cleaning and beautification of surrounding areas (dustbin)	8	6400
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	6	14100
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level	2	7500
8. Swachhta Workshops		
9. Swachhta Pledge		
10. Display and Banner		
11. Foster healthy competition		
12. Involvement of print and electronic media		
13. Involving the farmers, farm women and village youth in the		

adopted villages (no of adopted village)		
14. No of Staff members involved in the activities		
15. No of VIP/VVIPs involved in the activities		
16. Any other specific activity (in details)		
<b>Total</b>	<b>16</b>	<b>34000</b>

## 9.6. Observation of National Science day

Date of Observation	Activities undertaken
----	----

## 9.7. Programme with SeemaSurakshaBal/ BSF

Title of Programme	Date	No. of participants
----	---	-----

## 9.8. Agriculture Knowledge in rural school

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

Give good quality 1-2 photograph(s)

## 9.9. Details of 'Pre-Rabi Campaign' / 'Pre-Kharif Campaign' Programme

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

Please provide good quality photographs:

## 9.10. Details of Swachhta Hi Suraksha/ SwachhtaPakhwadaprogramme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Cleaning village	24	936	-	-
2	Cleaning office & demount	81	1053	-	-
	Total	105	1989		

Please provide good quality photographs:

#### 9.11. Details of MahilaKisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	1	1	40	0	0

Please provide good quality photographs:

#### 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	Debananda Pingua	Askipal /Teranti/Sukuruli ,9437798093	Integrated farming
2	Prahalad Mohanta	Kulanda/Angarpada/Raruan ,8328807291	Vegetable cultivation
3	Sandhyarani Mohanta	Tangabila/Tangabila/Jashipur, 9668316099	Mushroom cultivation
4	Pramila Setty	Kaptira/Matiagarh/Jashipur/ 6370391409	Organic Pesticide

#### 9.13. Revenue generation

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

#### 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
-	-	-

#### 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): NA

- a) Year:  
b) Introduction / General Information:

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

Please provide good quality photographs:

#### 11. Details of DAPST/ TSP

- a. Achievements of physical output under TSP during 2023

##### Progress of DAPST for the year 2023 (Jan. to Dec., 2023)

Name of KVK							
Sl.No.	Item/Activity	Units	Targets/Achievements		No. of Beneficiaries		
			Annual Targets	Achievements	Annual Targets	Achievements	
1	<b>Trainings (Capacity building/ Skill Development etc.)</b>	No.					
	1.1	1-3 days	No.	66	35	1705	1290
	1.2	4-10 days	No.				
	1.3	2-4 weeks	No.				
	1.4	More than 4 weeks	No.				
2	<b>On Farm Trials (OFTs)</b>	No.	8	6	54	40	
3	<b>Front Line Demonstrations (FLDs) and other demonstrations</b>	No.	15	7	150	70	
4	<b>Awareness camps, exposure visits etc.</b>	No.	52	84	2072	2878	
5	<b>Input Distribution</b>						
	5.1	Seeds (Field Crops)	Tonnes	90	-	-	-
	5.2	Seeds (High Value Crops, spices etc.)	kg				
	5.3	Seeds (Root & Tuber Crops)	tonnes				

5.4	Nursery plants	No.				
5.5	Cutting , slips, suckers, etc	No.				
5.6	Mushroom Spawns/ Bio-Fertilizers (in Packets)	Packets				
5.7	Honey Bee Colonies	No.				
5.8	Animals-large (Cattle/ Buffalo/ camel/horse/donkey/Mithun/Yak etc.)	No.				
5.9	Animals-small (pig, sheep, goat etc.)	No.				
5.1	Poultry chicks / duckling etc	No.	2000	1460	146	146
5.11	Fish Spawns/ fingerlings	No.				
5.12	Small equipment's (upto Rs 2000)	No.				
5.13	Medium Equipment's/ machinery (upto Rs 25000)	No.				
5.14	Large Equipment's / machinery (> Rs. 25000)	No.				
5.15	Infrastructure / Civil Works/ Ponds etc	No.				
5.16	Setting up plant nursery/ seed farm/ hatchery	No.				
5.17	Land development/ Reclamation / Conservation	hectares				
5.18	Fertilizers (NPK)/ Secondary fertilizers	tonnes				
5.19	Micro nutrients	tonnes				
5.2	FYM/ Vermicompost	tonnes	20	17	25	21
5.21	Soil amendmets (Gypsum, lime etc.)	tonnes				
5.22	Plant protection chemicals	kg				
5.23	Plant growth Promoter	kg				
5.24	Animal Feed	tonnes				
5.25	Animal Fodder	tonnes	0.5	0.3	7	7
5.26	Animal medicines	doses				
5.27	Any other (Liquid PSB etc.)	Litre				
6	<b>Services/Facilitation</b>					
6.1	Animal Health Camps	No.				
6.2	Artificial Insemination / Vaccination	No.				
6.3	Veterinary Services (Hospitalization, on-site treatment, PD, surgery etc)	No.				
6.4	Testing samples of Soil, plant, water, feed, fodder and livestock	No.	71	42	102	131
6.5	Promotion of agri-entrepreneurship	No.				
6.6	Promotion of IFS, IOFS, Natural Farming, Nutrigarden, kitchen garden, orchards etc	No.				
6.7	Creation of market links of farm produces	No.				
6.8	Use of Institute Facilities (Processing etc.) (in Hours)	Hours				

	6.9	Subsidies/ Assistance (50% of Project cost, Max. Rs 10,000/beneficiary)	No.				
7	<b>Distribution of Literature</b>		No.	2000	500	500	500
8	<b>Employment generation for livelihood</b>		(Man-months)	NA			
9	<b>Fellowship, Stipends or Scholarship</b>		No.	NA			
10	<b>Area oriented R&amp;D Activity (project addressing the problems of agri. Sector faced by the SC/STs and benefit directly, which is measurable and identifiable)</b>		No. of projects	NA			
11	<b>Monitoring &amp; Evaluation of DAPSC/ST (upto 3%)</b>			NA			
12	<b>Any other (specify)</b>			NA			

b. Fund received under TSP in 2023-24 (Rs. In lakh): 12.0

## 12. Details of DAPSC/ SCSP

a. Achievements of physical output under SCSP during 2023 -NA

### Progress of DAPSC for the year 2023 (Jan. to Dec., 2023)

Name of KVK							
Sl.No.	Item/Activity		Units	Targets/Achievements		No. of Beneficiaries	
				Annual Targets	Achievements	Annual Targets	Achievements
1	<b>Trainings (Capacity building/ Skill Development etc.)</b>		No.				
	1.1	1-3 days	No.				
	1.2	4-10 days	No.				
	1.3	2-4 weeks	No.				
	1.4	More than 4 weeks	No.				
2	<b>On Farm Trials (OFTs)</b>		No.				
3	<b>Front Line Demonstrations (FLDs) and other demonstrations</b>		No.				
4	<b>Awareness camps, exposure visits etc.</b>		No.				
5	<b>Input Distribution</b>						
	5.1	Seeds (Field Crops)	Tonnes				
	5.2	Seeds (High Value Crops, spices etc.)	kg				
	5.3	Seeds (Root & Tuber Crops)	tonnes				
	5.4	Nursery plants	No.				
	5.5	Cutting , slips, suckers, etc	No.				
	5.6	Mushroom Spawns/ Bio-Fertilizers (in Packets)	Packets				
	5.7	Honey Bee Colonies	No.				
	5.8	Animals-large (Cattle/ Buffalo/ camel/horse/donkey/Mithun/Yak etc.)	No.				

5.9	Animals-small (pig, sheep, goat etc.)	No.				
5.1	Poultry chicks / duckling etc	No.				
5.11	Fish Spawns/ fingerlings	No.				
5.12	Small equipment's (upto Rs 2000)	No.				
5.13	Medium Equipment's/ machinery (upto Rs 25000)	No.				
5.14	Large Equipment's / machinery (> Rs. 25000)	No.				
5.15	Infrastructure / Civil Works/ Ponds etc	No.				
5.16	Setting up plant nursery/ seed farm/ hatchery	No.				
5.17	Land development/ Reclamation / Conservation	hectares				
5.18	Fertilizers (NPK)/ Secondary fertilizers	tonnes				
5.19	Micro nutrients	tonnes				
5.2	FYM/ Vermicompost	tonnes				
5.21	Soil amendments (Gypsum, lime etc.)	tonnes				
5.22	Plant protection chemicals	kg				
5.23	Plant growth Promoter	kg				
5.24	Animal Feed	tonnes				
5.25	Animal Fodder	tonnes				
5.26	Animal medicines	doses				
5.27	Any other (Liquid PSB etc.)	Litre				
6	<b>Services/Facilitation</b>					
6.1	Animal Health Camps	No.				
6.2	Artificial Insemination / Vaccination	No.				
6.3	Veterinary Services (Hospitalization, on-site treatment, PD, surgery etc)	No.				
6.4	Testing samples of Soil, plant, water, feed, fodder and livestock	No.				
6.5	Promotion of agri-entrepreneurship	No.				
6.6	Promotion of IFS, IOFS, Natural Farming, Nutrigarden, kitchen garden, orchards etc	No.				
6.7	Creation of market links of farm produces	No.				
6.8	Use of Institute Facilities (Processing etc.) (in Hours)	Hours				
6.9	Subsidies/ Assistance (50% of Project cost, Max. Rs 10,000/beneficiary)	No.				
7	<b>Distribution of Literature</b>	No.				
8	<b>Employment generation for livelihood</b>	(Man-months)				
9	<b>Fellowship, Stipends or Scholarship</b>	No.				

10	Area oriented R&D Activity (project addressing the problems of agri. Sector faced by the SC/STs and benefit directly, which is measurable and identifiable)	No. of projects				
11	Monitoring & Evaluation of DAPSC/ST (upto 3%)					
12	Any other (specify)					

b. Fund received under SCSP in 2023-24 (Rs. In lakh):

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

#### Natural Resource Management

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

#### Crop Management

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

-	-	-	-	-	-	-	-	-	-	-	-	-	-
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## 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

## 14. Awards/Recognition received by the KVK

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

## Award received by Farmers from the KVK district

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

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

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

Sl. No.	Name of the organization/ Society	Trust Deed No.& date	Date of Trust Registration Address	Proposed Activity	Commodity Identified	No. of Members	Financial position (Rupees in lakh)	Success indicator
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## 17. 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
--	--	---	---	--	---	--	--

### 18. Technologies for Doubling Farmers' Income

Sl. No.	Name of the Technology	Brief Details of Technology (3-5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to adoption of the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1	--	----	----	---	---
2	---	--	---	---	----

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

Phase	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I (up-to 15.03.2018)	-	-	---	---	----
II (up-to 24.04.2018)	---	----			
Total					

### 20. Information on Visit of Ministers to KVKs, if any (Please provide good quality photographs)

Date of Visit	Name of Hon'ble Minister	Name of Ministry	Salient points in his/ her observation (2-3 bulleted points)
27.07.2023	Sri Ganesh ram Singh Khuntia	MLA	Participated in PM kisan programme

### 21. a) Information on ASCI Skill Development Training Programme, if undertaken during 2023

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		
-	-	-	-	-	-	-	-	-	-	-	-

(Please provide good quality photographs)

### b) Information on Skill Development Training Programme (Other than ASCI or less than 200 hrs., if any) if undertaken during 2023

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	
-	-	-	-	-	-	-	-	-	-	-	-	-

### 22. 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
-	-	-	-	-	-	-

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
-	-	-	-	-	-

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

		
Awareness programme on Natural farming	TSP on Maize	TSP on Marigold
		
Mushroom cultivation on SHG mode	Rural Youth training	In service training



Farm and Farm women training



Har Ghar Tiranga



Poshan Abhiyan and Tree Plantation



International year of millets



Swachhata Abhiyan



Vigilance Awareness week