Annual Report
2024

KRISHI VIGYAN
KENDRA BURDWAN

Submitted by

KRISHI VIGYAN KENDRA BURDWAN
ICAR-Central Research Institute for Jute & Allied Fibres
Budbud, Purba Bardhaman, W.B. 713403
Telefax: 0343-2513651
www.kvkcrijaf.org.in

PROFORMA FOR ANNUAL REPORT 2024 (January-December 2024)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
Bud Bud, Purba Bardhaman-713 403, West Bengal	Office - 0343 2513651	Fax - 0343 2513651	kvkburdwan@gmail.com **Web:** www.kvkcrijaf.org.in

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

Address	Telephone		E mail
	Office	FAX	
ICAR-Central Research Institute for Jute and Allied Fibres, Nilgunj, Barrackpore Kolkata- 700 120. West Bengal	033-25356124-25	033- 25350415	director.crijaf@icar.gov.in crijaf-wb@nic.in

1.3. Name of the Programme Coordinator with phone & mobile No.

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Sk. Md. Azizur Rahman (Sr. Scientist and Head)	--	6296651271 9435378886	r_aziz@rediffmail.com

1.4. Year of sanction of KVK: **2005 vide order No. 5-24 / 2002 – AE – I, dated April 01, 2005**

1.5. Staff Position (**as on 1st January, 2024**)

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. Sk. Md. Azizur Rahman	Senior Scientist & Head	Entomology	PB-4 (Rs 37,400-67,000) +9000. Level 13A Basic: Rs. 171100	27.12.2018	Parmanent	GEN
2	Subject Matter Specialist	Dr. Dipankar Ghorai	SMS (Agriculture)	Agriculture	Rs. 78800-209200 Basic: Rs. 105900	26.04.2006	Permanent	GEN
3	Subject Matter Specialist	Dr. Subrata Sarkar	SMS (Horticulture)	Horticulture	Rs. 78800-209200 Basic: Rs. 105900	04.05.2006	Permanent	GEN
4	Subject Matter Specialist	Dr. Vinod Kumar	SMS (Agriculture Extension)	Agriculture Extension	Rs. 56100-177500 Basic: Rs. 56100	10.06.2024	Permanent	OBC
5	Subject Matter Specialist	Mr. Sourav Bhadra	SMS (Fishery Science)	Fishery Science	Rs. 56100-177500 Basic: Rs. 56100	10.06.2024	Permanent	GEN
6	Subject Matter Specialist	Dr. Mamidala Lavanya	SMS (Veterinary Science)	Veterinary Science	Rs. 56100-177500 Basic: Rs. 56100	19.06.2024	Permanent	GEN
7	Subject Matter Specialist	VACANT						
8	Programme Assistant	Mr. Sandipan Garai	Prog. Assistant	Agriculture	Rs. 67700-208700 Basic: Rs. 76200	18.04.2006	Permanent	OBC
9	Computer Programmer	Sk Golam Rasul	Prog. Assistant (Computer)	Computer	Rs. 56100-177500 Basic: Rs. 69000	10.04.2006	Permanent	GEN
10	Farm Manager	Dr. Soumya Sarathi Kundu	Prog. Assistant (Farm Manager)	Agriculture	Rs. 67700-208700 Basic: Rs. 74000	06.01.2007	Permanent	GEN
11	Accountant / Superintendent	Mr. Nilesh Ray	Assistant	--	Rs. 35400-142400 Basic: Rs. 43600	27.11.2017	Permanent	GEN
12	Stenographer	VACANT	-----					
13.	Driver	Mr. Joydeep Pal	Driver – cum - mechanic	--	Rs. 35400-142400 Basic: Rs. 42300	06.07.2006	Permanent	GEN
14.	Driver	Mr. Santi Nath Pal	Driver– cum - mechanic	--	Rs. 35400-142400 Basic: Rs. 42300	10.07.2006	Permanent	OBC
15.	Supporting staff	Mr. Shyamal Bhanja	Supporting staff	Peon	Rs. 19900-63200 Basic: Rs. 33000	25.02.2006	Permanent	GEN
16.	Supporting staff	Mr. Anup Das	Supporting staff	Cook	Rs. 19900-63200 Basic: Rs. 33000	01.03.2006	Permanent	SC

1.6. Total land with KVK (in ha) :

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

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								
2.	Farmers Hostel								
3.	Staff Quarters (6)								
4.	Piggery unit								
5	Fencing								
6	Rain Water harvesting structure								
7	Threshing floor								
8	Farm godown								
9.	Dairy unit								
10.	Poultry unit								
11.	Goatary unit								
12.	Mushroom Lab								
13.	Mushroom production unit								

14.	Shade house								
15.	Soil test Lab								
16	Others, Please Specify								

* 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

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Flame photometer	2006-07	29813.00	Out of order	ICAR
Spectrophotometer	2006-07	46283.00	Out of order	ICAR
Shaker	2006-07	20756.00	Out of order	ICAR
Hot air oven	2006-07	5344.00	Out of order	ICAR
Hot plate	2007-08	14000.00	Out of order	ICAR
Glass distillation unit	2007-08	28000.00	In partially working condition	ICAR
Conductivity bridge	2007-08	10000.00	Out of order	ICAR
pH meter	2007-08	9563.00	Out of order	ICAR
Electronic balance	2007-08	12375.00	In working condition	ICAR
Grinder	2007-08	19500.00	In working condition	ICAR
Kjeldahl N analyser	2008-09	250474.00	In working condition	ICAR
Atomic absorption spectrophotometer	2012-13	944832.00	Not functioning due to absence of computer portal	ICAR
Mridaparikshak	2015-16	117450.00	Out of order	ICAR
PUSA STFR Meter	2017-18	86000.00	Out of order	ICAR
b. Farm machinery				

Tractor	01.04.1999	--	Out of order	ICAR
Power reaper	2011-12	85476.00	In working condition	ICAR
VST Shakti MT171 DI Samrat High Trque 2W Mini tractor	31.01.2020	258300.00 .	Working	ICAR
Seed grading /fine cleaner machine	14.03.2020	614250.00	Installed	ICAR
c.AV Aids				
LCD projector	2008-09	109000.00	Out of order	ICAR
Computer with accessories (2 Nos.)	2009 -10	49920.00	In working condition	ICAR
LCD TV	2010-11	13110.00	In working condition	ICAR
Digital Camera	2010-11	14790.00	Out of order	ICAR
Digital SLR Camera	2017-18	38359.00	In Working condition	ICAR
Laptop	2017-18	32989.00	In Working condition	ICAR
Tablet	2018-19	29590.00	In Working condition	ATMA
Computer	2017-18	35999.00	In Working condition	ICAR
Printer(all in one)	2017-18	9575.00	In Working condition	ICAR
Computer			In Working condition	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Brush cutter	26.3.2019	17378.80	Working	ICAR
Potato Digger (MOGA)	29.03.2019	17378.80	Working	ICAR
Power weeder (Shrachi)	29.03.2019	154600.00	Working	ICAR
Leveller blade	29.03.2019	81900.00	Working	ICAR
Tractor	25.02.2019	619054.00	Working	ICAR
Honda pump	28.01.2019	49999.00	Working	ICAR
Two wheel trolly	13..02.2019	150000	Working	ICAR
Hood regular	30.05.2019	3150.00	Working	ICAR
Cage wheel	03.06.2019	11400.00	Working	ICAR
Tractor hitch	26.07.2019	3100.00	Working	ICAR
New ABC (0.4 kg) type fire extinguisher	13.03.2020	23128.00	Working	ICAR
Rice transplanter Make GOMADHI , Model WBT-4K	16.03.2020	311359.00	Working	ICAR
Round Straw Baler	16.03.2020	377440.00	Not in used	ICAR

Make GOMADHI Model AB1050				
BMW furrow opener Make BMW Model BMW furrow opener	16.03.2020	45000.00	Working	ICAR
Multi crop planter Make National Agro industries Model NMCP4	16.03.2020	103900.00	Not in used	ICAR
Parts of micro irrigation system	11.02.2020	40596.00	Working	ICAR
Parts of micro irrigation system	11.02.2020	36862.00	Working	ICAR
Parts of micro irrigation system (sprinkler)	11.02.2020	17378.00	Working	ICAR

1.8. Details of SAC meeting* conducted in the year

Sl. No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	21.03.2024				

** 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 (2024)

Sl. no.	Item	Information

1	Major Farming system/enterprise	
2	Agro-climatic Zone	
3	Agro ecological situation	
4	Soil type	
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	
6	Mean yearly temperature, rainfall, humidity of the district	
7	Production of major livestock products like milk, egg, meat etc.	

Note: Please give recent data only

2.b. Details of operational area / villages (2024)

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2024) for its development and action plan

Name of village	Block	Action taken for development
Mirpur	Kalna II	• Promotion of jute based cropping system • Promotion of improved retting of jute • Promotion of improved technologies of crops like rice, pulse and oilseeds • Promotion of improved production technology of potato
Billeswar	Ketugram	• Promotion of improved production technology of jute • Promotion of jute based cropping system • Promotion of improved retting of jute • Promotion of improved technologies of crops like rice, pulse and oilseeds

2.1 Priority thrust areas

S. No	Thrust area
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	
12.	

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
11	04	158	40	0	0	0	0	0	40	0	40	13	06	290	84	26	0	0	0	0	84	26	110

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
61	23	1750	423	247					423	247	670	144	304	30666	825	285	0	0	0	0	825	285	1100

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

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
MTU 7029	75.25	Mango sapling	0.00078
CR DHAN 800	60.50	Guava sapling	0.00016

Ginger rhizome	0.30	Citrus sapling	0.00018
Turmeric rhizome	1.45	Brinjal seedling	0.08125

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							
Seminar/conference/ symposia papers							
Books							
Bulletins							
News letter							
Popular Articles							
Book Chapter							
Extension Pamphlets/ literature							
Technical reports							
Electronic Publication (CD/DVD etc)							
TOTAL							

3.1 Achievements on technologies assessed and refined

OFT-1 (2nd year)

1.	Title of On Farm Trial	**Assessment of different improved weed management of jute under medium upland situation of Purba Bardhaman**
2.	Problem diagnosed	Sub optimal productivity and low profitability of jute due to weed infestation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmers Practice (FP):** Two hand weedings at 25 and 45 DAS **Technology option-I (TO-I):** Application of Fenoxaprop-p-ethyl (9% EC) @ 1.5 – 2.0 ml/lt after 15 days + One hand weeding **Technology option-II (TO-II):** Application of Propaquizafop (10% EC) @ 1.5 – 2.0 ml/lt after 15 days + One hand weeding
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR-CRIJAF, Barrackpore
5.	Production system and thematic area	Jute based production system; Improved agronomic management
6.	Performance of the Technology with performance indicators	One on farm trail was conducted during Kharif 2024 on Assessment of different improved weed management of jute under medium upland situation of Purba Bardhaman. Results indicated that application of Propaquizafop (10% EC) @ 1.5 – 2.0 ml/lt after 15 days + One hand weeding (Technology option 2) was most effective in controlling weeds in jute (weed density:12.7 no/m2) while application of Fenoxaprop-p-ethyl (9% EC) @ 1.5 – 2.0 ml/lt after 15 days + One hand weeding (Technology option 1) was the second best option (weed density:16.4 no/m2) and was at par with two hand weedings at 25 and 45 DAS (Farmers' practice) (weed density:16.9 no/m2). Productivities in TO2 was 35.1 q/ha while in TO1 and farmers practice yield was recorded as 32.3 q/ha and 32.6 q/ha, respectively. However, cost benefit ratio in farmers' practice (B:C= 1.59) was lower in both technology options (TO1=1.92 and TO2=2.12)
7.	Final recommendation for micro level situation	Therefore, in farmers should follow Propaquizafop (10% EC) @ 1.5 – 2.0 ml/lt after 15 days + One hand weeding for augmented productivity o jute through improved weed management
8.	Constraints identified and feedback for research	Nil
9.	Process of farmers participation and their reaction	Training, group discussion

Thematic area:

Problem definition: Improved agronomic management

Technology assessed:

Farmers Practice (FP): Two hand weedings at 25 and 45 DAS
Technology option-I (TO-I): Application of Fenoxaprop-p-ethyl (9% EC) @ 1.5 – 2.0 ml/lt after 15 days + One hand weeding
Technology option-II (TO-II): Application of Propaquizafop (10% EC) @ 1.5 – 2.0 ml/lt after 15 days + One hand weeding

Table:

Technology option	No. of trials	Yield component		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Weed density (No/m^2)	Plant height (cm)					
FP	10	16.9	321	32.3	96400	161500	65100	1.59
TO 1		16.4	329	32.6	84900	163000	78100	1.92
TO 2		12.7	353	35.1	84600	179010	94410	2.12
LSD at 5%		0.86	10.12	0.75				

Results: Results indicated that application of Propaquizafop (10% EC) @ 1.5 – 2.0 ml/lt after 15 days + One hand weeding (Technology option 2) was most effective in controlling weeds in jute (weed density:12.7 no/m2) while application of Fenoxaprop-p-ethyl (9% EC) @ 1.5 – 2.0 ml/lt after 15 days + One hand weeding (Technology option 1) was the second best option (weed density:16.4 no/m2) and was at par with two hand weedings at 25 and 45 DAS (Farmers' practice) (weed density:16.9 no/m2). Productivities in TO2 was 35.1 q/ha while in TO1 and farmers practice yield was recorded as 32.3 q/ha and 32.6 q/ha, respectively. However, cost benefit ratio in farmers' practice (B:C= 1.59) was lower in both technology options (TO1=1.92 and TO2=2.12)

OFT-2

1.	Title of On Farm Trial	**Assessment of efficacy of different weed management techniques in jute-onion cropping sequence under medium upland situation of Burdwan district**
2.	Problem diagnosed	Improper weed management leading to lower productivity
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**JUTE:** **Farmers Practice (FP):** sowing of jute through broadcasting followed by 2 hand weeding **Technology option-I (TO-I):** Sowing of jute with seed drill followed by application of ICAR- CRIJAF single wheel jute weeder + one hand weeding **Technology option-II (TO-II):** Sowing of jute through broadcasting followed by application of ICAR- CRIJAF single wheel jute weeder + one hand weeding **ONION:** **Farmers Practice (FP):** Two hand weeding **Technology option-I (TO-I):** One hand weeding + weeding by ICAR-CRIJAF Nail Weeder (2 times) **Technology option-II (TO-II):** Application of Pre emergence herbicides (Oxyflourfen 23.5 EC) + weeding by ICAR- CRIJAF single wheel jute weeder (2 times)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR-CRIJAF, Barrackpore
5.	Production system and thematic area	Jute - onion production system; Integrated Crop management
6.	Performance of the Technology with performance indicators	On Farm Trial was conducted in 2023-24 on Assessment of efficacy of different weed management techniques in jute-onion cropping sequence under medium upland situation of Burdwan district. The trial was initiated in Kharif 2023 and completed after onion harvest in March 2024. Results indicated that in Technology Option 1 (Sowing of jute with seed drill followed by application of ICAR- CRIJAF single wheel jute weeder + one hand weeding) productivity of jute was significantly higher (35.4 q/ha) as compared to Technology Option 2 (Sowing of jute through broadcasting followed by application of ICAR- CRIJAF single wheel jute weeder + one hand

		weeding; yield: 33.3 q/ha) and Farmers' practice (sowing of jute through broadcasting followed by 2 hand weeding; yield: 31.7 q/ha). However, benefit: cost ratio in Technology Option 1 (2.14) and Technology Option 2 (2.04) were at par. In case of onion, TO2 (Application of Pre emergence herbicides (Oxyflourfen 23.5 EC) + weeding by ICAR- CRIJAF single wheel jute weeder (2 times)) resulted in significantly higher productivity; yield:227 q/ha) as compared to TO1 (One hand weeding + weeding by ICAR- CRIJAF Nail Weeder (2 times); yield: 212 q/ha) and farmers' practice (Two hand weeding; yield: 215 q/ha). TO1 and FP were at par regarding productivity of onion. Benefit cost ratios in TO1, TO2 and FP were 2.11, 2.27 and 2.08, respectively.
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Training, group discussion

Results:

Technology assessed (Jute):

Farmers Practice (FP): sowing of jute through broadcasting followed by 2 hand weeding
Technology option-I (TO-I): Sowing of jute with seed drill followed by application of ICAR- CRIJAF single wheel jute weeder + one hand weeding
Technology option-II (TO-II): Sowing of jute through broadcasting followed by application of ICAR- CRIJAF single wheel jute weeder + one hand weeding

Results:

Technology option	No. of trials	Yield component		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Weed density (No/m^2)	Plant height (cm)					
FP	10	17.5	304	31.7	95100	158500	63400	1.67

TO 1		13.1	321	35.4	82900	177000	94100	2.14
TO 2		14.2	318	33.3	81600	166500	84900	2.04
LSD at 5%		1.12	5.67	1.42				

Technology assessed (Onion):

Farmers Practice (FP): Three hand weeding
Technology option-I (TO-I): One hand weeding + weeding by ICAR- CRIJAF Nail Weeder (2 times)
Technology option-II (TO-II): Application of Pre emergence herbicides (Oxyflourfen 23.5 EC) + weeding by ICAR- CRIJAF single wheel jute weeder (2 times)

Table:

Technology option	No. of trials	Weed density (No/m^2)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
FP	10	11.7	215	137000	285000	148000	2.08
TO 1		20.2	212	133700	282000	148300	2.11
TO 2		12.4	227	132600	301000	168400	2.27
LSD at 5%		4.43	8.13				

OFT-3

Production of disease free planting materials and improvement of horticultural crops (Thrust area 2)

1.	Title of On farm Trial	**Assessment of different doses of sulfur application in rabi Onion in Purba Bardhaman**
2.	Problem diagnosed	Low productivity and lack of pungency of onion due to deficiency of sulfur

3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmers Practice (FP):** 100:50:50 NPK (recommended dose) **Technology option-I (TO-I):** Recommended dose + 20 kg sulfur/ha through elemental sulfur **Technology option-II (TO-II):** Recommended dose + 40 kg sulfur/ha through elemental sulfur
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR-DOGR, Maharashtra
5.	Production system and thematic area	Jute based production system, Improved crop production
6.	Performance of the Technology with performance indicators	Result awaited
7.	Final recommendation for micro level situation	Result awaited
8.	Constraints identified and feedback for research	Result awaited
9.	Process of farmers participation and their reaction	Training and group discussion

Thematic area: Improved crop production

Problem definition: Low productivity and lack of pungency of onion due to deficiency of sulfur

Technology assessed:
Farmers Practice (FP): 100:50:50 NPK (recommended dose)
Technology option-I (TO-I): Recommended dose + 20 kg sulfur/ha through elemental sulfur

Technology option-II (TO-II): Recommended dose + 40 kg sulfur/ha through elemental sulfur

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.)						

Results: Standing crop, Result awaited

OFT 4:

Assessment of humic acid and hydrogel in production of potato in jute based cropping system

1.	Title of On farm Trial	**Assessment of humic acid and hydrogel in production of potato in jute based cropping system**
2.	Problem diagnosed	Application of fertilizers in potato is very high. Application of humic acid and hydrogel can reduce the requirement of fertilizers by checking its leaching loss and improve water holding capasity
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmers Practice (FP):** 250: 150:200 kg NPK per ha **Technology option-I (TO-I):** 200: 150:200 kg NPK per ha + Humic acid @4kg/ ha **Technology option-II (TO-II):** 200: 150:200 kg NPK per ha + Hydrogel 5kg/ha
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR-IARI

5.	Production system and thematic area	Jute-rice- potato cropping system, Improved crop production
6.	Performance of the Technology with performance indicators	Result awaited
7.	Final recommendation for micro level situation	Result awaited
8.	Constraints identified and feedback for research	Result awaited
9.	Process of farmers participation and their reaction	Training and group discussion

Thematic area: Improved crop production

Problem definition: Application of fertilizers in potato is very high. Application of humic acid and hydrogel can reduce the requirement of fertilizers by checking its leaching loss and improve water holding capasity

Technology assessed:
Farmers Practice (FP): 250: 150:200 kg NPK per ha
Technology option-I (TO-I): 200: 150:200 kg NPK per ha + Humic acid @4kg/ ha
Technology option-II (**TO-II):** 200: 150:200 kg NPK per ha + Hydrogel 5kg/ha

Result: Crop is standing, Result awaited

Good quality photographs of different treatments:

Please provide all the OFTs in same format

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Cereals

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ demonstration									Reasons for shortfall in achievement
				Proposed	Actual	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
1	Jute	Improved production technology	Seed treatment+ Use of seed drill/cycle weeder+ 80:40:40 NPK+retting with CRIJAF SONA	1	1	10	0	0	0	0	0	10	0	10	
2	Paddy	Agronomic management	16-18 day old seedling + 10'x10' spacing + chemical weeding + 80:40:40:20 NPKS	4	4	20	10	0	0	0	0	20	10	30	
3	Cauliflower	Improved crop production	Sulphur (20 kg/ha) & boron (10kg/ha) application	3	3	13	2					13	2	15	
4	Potato	Integrated disease management	Seed treatment with *Trichoderma viridae* and foliar application *Cymoxanil + mancozeb* (two spray) and *Dimethomorph 50% WP* (single spray)	3	3	18	2					18	2	20	
5	Potato (2nd year)	Integrated disease management	Seed treatment with *Trichoderma viridae* and foliar application *Cymoxanil + mancozeb* (two spray) and *Dimethomorph 50% WP* (single spray)	3	3	12	3					12	3	15	
6	Brinjal	Integrated Pest Management	Integrated pest management on *Leucinodes orbonalis* 1. Install pheromone traps 10/acre for mass trapping at 10 m distance	1	1	11	9					11	9	20	

			from 20 DAT, the pheromone septa should be changed at regular interval. 2. Spray azadirachtin 0.03% (300 ppm) neem oil based WSP @ 1000-2000 ml in 200-400 l of water/acre												
7	Mushroom Var. Oyster	Improved production technology	***Treatment of machine cut paddy straw*** @ 10 kgs of dry machine cut paddy straw to be dipped in 100 litres of clean water, treated with 10 gm carbendazim 50% W.P, 30 gm calcium carbonate and 120 ml formaldehyde for 10-12 hours.	20 units	20 units	15	5	_	_	_	_	15	5	20	
						99	**31**	**0**	**0**	**0**	**0**	**99**	**31**	**130**	

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					
Jute	Kharif	Irrigated	Clay loam to sandy loam	305	28	178	Potato/ onion/v egetabl es	20.03.24 – 30.03.24	16.07. 24 – 24.07. 24	1510	

Paddy	Kharif	Irrigated	Loamy	341	42	211	Jute	10.08.24 – 15.08.24	30.11.24 – 02.12.24	1510	
Cauliflower	Rabi	Irrigated	Loamy	301	30	168	Paddy/ vegetables	17.09.24-24.09.24	02.12.24-30.12.24	800	
Potato	Rabi	Irrigated	Loamy	321	45	200	Paddy/ vegetables	20.11.23-30.11.23	15.02.24 – 22.02.24	510	
Potato (2nd year)	Rabi	Irrigated	loam to sandy loam	309	38	213	Paddy/ vegetables	25.11.24-05.12.24	Standing crop	120	
Brinjal	Rabi	Irrigated	Loam	230	50	180	Vegetables	15/12/2023 – 18/12/23	May.25, 2024-June.15, 2024	980 mm	
Mushroom Var. Oyster	Rabi, 2023-24	In-house farming									

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															

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

Pulses

Frontline demonstration on pulse crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
	Total														

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

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Jute	ICM	Seed treatment+ Use of seed drill/cycle weeder+ 80:40:40 NPK+retting with CRIJAF SONA	10	1	35.6	32.7	8.86	192240	84500	107740	2.28	163500	94500	69000	1.73		

Paddy	ICM	16-18 day old seedling + 10'x10' spacing + chemical weeding + 80:40:40:20 NPKS	30	4	59.3	52.9	12.09	121565	55800	65765	2.18	108445	58800	49645	1.84	
Cauliflower	Improved crop production	Sulphur (20 kg/ha) & boron (10kg/ha) application	15	3	240	201	19.4	-	-	160000	340000	180000	2.12	152000	272000	120000	1.8
Potato	Integrated disease management	Seed treatment with *Trichoderma viridae* and foliar application *Cymoxanil + mancozeb* (two spray) and *Dimethomorph 50% WP* (single spray)	20	3	303 q/ha	260 q/ha	16.5 %	8	21	195000	439000	244000	2.25	196000	373000	177000	1.91
Mushroom Var. Oyster	Improved production technology	***Treatment of machine cut paddy straw*** @ 10 kgs of dry machine cut paddy straw to be dipped in 100 litres of clean water, treated with 10 gm carbendazim 50% W.P, 30 gm calcium carbonate and 120 ml formaldehyde for 10-12 hours.	20	20 units	96	73	31.5			3980.00	13440.00	9460.00	3.38	3420.00	10220.00	6800.00	2.99

Potato (2nd year)	Integrated disease management	Seed treatment with *Trichoderma viridae* and foliar application *Cymoxanil + mancozeb* (two spray) and *Dimethomorph 50% WP* (single spray)	15	3	Crop is standing, Result awaited
	Total				

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																	
Cow																	
Buffalo																	
Poultry																	
Rabbitry																	
Pigerry																	
Sheep and goat																	
Duckery																	
Others (pl.specify)																	
Total																	

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

** BCR= GROSS RETURN/GROSS COST

Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Common carps																	
Mussels																	
Ornamental fishes																	
Others (pl. specify)																	
		Total															

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

Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	Enterprise development															
Button mushroom																
Vermicompost																
Sericulture																
Apiculture																
Others (pl. specify)																
Total																

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

Women empowerment

Category	Name of technology	No. of demonstrations	Observations		Remarks
			Demonstration	Check	
Farm Women					

Pregnant women					
Adolescent Girl					
Other women					
Children					
Neonatal					
Infants					

Farm implements and machinery

Name of the implement	Crop	Name of the technology demonstrated	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit)			
					Demons ration	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
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (Pl. specify)										
Total										
Oilseeds										

Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (Pl. specify)										
Total										
Pulses										
Green gram										
Black gram										
Bengal gram										
Red gram										
Others (Pl. specify)										
Total										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato										
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (Pl. specify)										
Total										
Commercial crops										
Cotton										
Coconut										
Others (Pl. specify)										

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

Good quality photographs of FLDs

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Jute	Sowing through seed drill is not conducive in all situation. Broadcasting followed by nail weeder/single wheel jute weeder application is much more user friendly and conducive.
2	Paddy	Transplanting of 16-18 day old seedling is little problematic for longer duration varieties.
3	Potato	Though late blight disease incidence is typically dependent to weather condition, regular field visit as well as use of protective chemical timely could reduce the chances of crop damage significantly.

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	20.03.2024	1	30	Field day was organized at Village Bileswar, BLOCK ketugram 2, Purba Bardhaman.
		22.04.24, 17.05.24, 22.07.24, 30.07.24, 30.10.24	5	56	Field days on jute in four locations and filed day on paddy in one location
		20.01.24 and 15.12.24	2	46	Field day on Potato and cauliflower
		30.03.2024	1	13	
2.	Farmers Training	10.04.24, 18.07.24, 25.07.24	3	102	
		13.02.2024	1	20	Input distribution programme was also conducted
3.	Media coverage				
4.	Training for extension functionaries				

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2024 and Rabi 2023-24:

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

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

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)

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

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended

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			
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
	Total			

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

A) Farmers and farm women (on campus)

Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management													
Soil & water conservation													
Integrated nutrient Management													
Production of organic inputs													
Others													
Total													
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	1				19	11	30				19	11	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
Off0season vegetables	1				17	13	30				17	13	30
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others	1				14	16	30				14	16	30
Total (a)	**3**	**0**	**0**	**0**	**50**	**40**	**90**	**0**	**0**	**0**	**50**	**40**	**90**
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition													
Others													
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)	**3**	**0**	**0**	**0**	**50**	**40**	**90**	**0**	**0**	**0**	**50**	**40**	**90**

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
III. Soil Health and Fertility Management													
Soil fertility management													
Integrated water management													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer													
Soil & water testing													
others													
Total													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Value addition													
Women empowerment													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													
Others													
Total													
VI. Agril. Engineering													
Farm machinery & its maintenance													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													

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
Post Harvest Technology													
Others													
Total													
VII. Plant Protection													
Integrated Pest Management	1				19	11	30				19	11	30
Integrated Disease Management													
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total	**1**				**19**	**11**	**30**				**19**	**11**	**30**
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio0agents production													
Bio0pesticides production													
Bio0fertilizer production													
Vermi0compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee0colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													
Total													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													

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
WTO and IPR issues													
Others													
Total													
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	**4**	**0**	**0**	**0**	**69**	**51**	**120**	**0**	**0**	**0**	**69**	**51**	**120**

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production													
Vermiculture													
Mushroom Production	1				**17**	**13**	**30**				**17**	**13**	**30**
Beekeeping	2				**35**	**25**	**60**				**35**	**25**	**60**
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts	2				0	40	40				0	40	40
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others	1				12	18	30				12	18	30
Total	**6**	**0**	**0**	**0**	**64**	**96**	**160**	**0**	**0**	**0**	**64**	**96**	**160**

C) Extension Personnel (on campus)

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

D) Farmers and farm women (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies	2				48	12	60				48	12	60
Cropping Systems	2				52	8	60				52	8	60
Crop Diversification													
Integrated Farming	1				19	11	30				19	11	30
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management	1				26	4	30				26	4	30
Soil & water conservation													
Integrated nutrient Management													
Production of organic inputs	1				27	3	30				27	3	30
Others													
Total	**7**	**0**	**0**	**0**	**172**	**38**	**210**	**0**	**0**	**0**	**172**	**38**	**210**
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	1				26	4	30				26	4	30
Off0season vegetables													
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others													
Total (a)	**1**				**26**	**4**	**30**				**26**	**4**	**30**
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology													

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
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition													
Others													
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)	1				26	4	30				26	4	30
III. Soil Health and Fertility Management													
Soil fertility management													
Integrated water management	1				26	4	30				26	4	30
Integrated Nutrient Management	2				25	35	60				25	35	60
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops	1				16	14	30				16	14	30
Nutrient Use Efficiency													
Balance Use of fertilizer													
Soil & water testing													
others													
Total	**4**	**0**	**0**	**0**	**67**	**53**	**120**	**0**	**0**	**0**	**67**	**53**	**120**
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Value addition													
Women empowerment													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													
Others													
Total													
VI. Agril. Engineering													
Farm machinery & its maintenance													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others													
Total													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													
Total													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others													
Total													
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	**13**	**0**	**0**	**0**	**290**	**100**	**390**	**0**	**0**	**0**	**290**	**100**	**390**

E) RURAL YOUTH (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production													
Vermiculture													
Mushroom Production													
Beekeeping													
Sericulture													
Repair and maintenance of farm machinery and implements													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Value addition													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others													
Total													

F) Extension Personnel (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Production and use of organic inputs													
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													

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

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies	2	0	0	0	48	12	60	0	0	0	48	12	60
Cropping Systems	2	0	0	0	52	8	60	0	0	0	52	8	60
Crop Diversification													
Integrated Farming	1	0	0	0	19	11	30	0	0	0	19	11	30
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management	1	0	0	0	26	4	30	0	0	0	26	4	30
Soil & water conservation													
Integrated nutrient Management													
Production of organic inputs	1	0	0	0	27	3	30	0	0	0	27	3	30
Others													
Total	**7**	**0**	**0**	**0**	**172**	**38**	**210**	**0**	**0**	**0**	**172**	**38**	**210**
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	1	0	0	0	26	4	30	0	0	0	26	4	30
Off-season vegetables	1	0	0	0	19	11	30	0	0	0	19	11	30
Nursery raising	1	0	0	0	17	13	30	0	0	0	17	13	30
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others	1	0	0	0	14	16	30	0	0	0	14	16	30
Total (a)	**4**	**0**	**0**	**0**	**76**	**44**	**120**	**0**	**0**	**0**	**76**	**44**	**120**
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													

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													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques	1	0	0	0	25	5	30	0	0	0	25	5	30
Others													
Total (b)	1	0	0	0	25	5	30	0	0	0	25	5	30
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition													
Others													
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)	**5**	**0**	**0**	**0**	**101**	**49**	**150**	**0**	**0**	**0**	**101**	**49**	**150**
III. Soil Health and Fertility Management													
Soil fertility management													
Integrated water management													
Integrated Nutrient Management	1	0	0	0	26	4	30	0	0	0	26	4	30
Production and use of organic inputs	2	0	0	0	25	35	60	0	0	0	25	35	60
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency	1	0	0	0	16	14	30	0	0	0	16	14	30
Balance Use of fertilizer													
Soil & water testing													
others													
Total	**4**	**0**	**0**	**0**	**67**	**53**	**120**	**0**	**0**	**0**	**67**	**53**	**120**

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
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Value addition													
Women empowerment													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													
Others													
Total													
VI. Agril. Engineering													
Farm machinery & its maintenance													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others													
Total													
VII. Plant Protection													
Integrated Pest Management	1	0	0	0	19	11	30	0	0	0	19	11	30
Integrated Disease Management													
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total	**1**	**0**	**0**	**0**	**19**	**11**	**30**	**0**	**0**	**0**	**19**	**11**	**30**
VIII. Fisheries													
Integrated fish farming													

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
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													
Total													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others													
Total													
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	**17**	**0**	**0**	**0**	**359**	**151**	**510**	**0**	**0**	**0**	**359**	**151**	**510**

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production													
Vermiculture													
Mushroom Production	1	0	0	0	17	13	30	0	0	0	17	13	30
Beekeeping	2	0	0	0	35	25	60	0	0	0	35	25	60
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts	2	0	0	0	0	40	40	0	0	0	0	40	40
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others	1	0	0	0	12	18	30	0	0	0	12	18	30
Total	**6**	**0**	**0**	**0**	**64**	**96**	**160**	**0**	**0**	**0**	**64**	**96**	**160**

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

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
Agriculture	RY	Making of Jute Handicrafts	7	On	0	20	20	0	20	20
Plant Protection	RY	Bee-keeping for better pollination and alternative livelihood	3	On	**15**	**15**	**30**	**15**	**15**	**30**
Plant Protection	RY	Improved Production Technology of Oyster mushroom	3	On	**17**	**13**	**30**	**17**	**13**	**30**
Plant Protection	RY	Bee-keeping for better pollination and alternative livelihood	3	On	**20**	**10**	**30**	**20**	**10**	**30**
Agriculture		Entrepreneurship development	21	On	0	20	20	0	20	20

		through advanced level making of jute handicrafts								
Others	RY	Agromet Advisories in mitigating drought effects on crop-weather-pest interaction and Role of ICT in modern agriculture	3	On	12	18	30	12	18	30
Agriculture	PF	Improved production technology of jute in jute based cropping system	3	Off	26	4	30	26	4	30
Agriculture	PF	Sustainable crop production through conservation agriculture in jute based cropping system	3	Off	25	5	30	25	5	30
Agriculture	PF	Integrated crop management of paddy following SRI principles and crop protection therein in jute based cropping system	3	Off	27	3	30	27	3	30
Horticulture	PF	Seed production of major vegetable crops in jute based cropping system	3	On	14	16	30	14	16	30
Agriculture	PF	Training on Improved production technology of millet in jute-millet cropping system	3	Off	26	4	30	26	4	30
Agriculture	PF	Training on Role of micro and macro nutrients in soil and crop health in jute based cropping system	3	Off	26	4	30	26	4	30
Agriculture	PF	Training on Improved production technology of	3	Off	19	11	30	19	11	30

		millet in jute-millet cropping system								
Agriculture	PF	Training on improved methodology of jute cultivation	3	Off	26	4	30	26	4	30
Agriculture	PF	Training on composting and different types of compost preparation	3	Off	10	20	30	10	20	30
Agriculture	PF	Training on Role of micro and macro nutrients in soil and crop health in jute based cropping system	3	Off	16	14	30	16	14	30
Agriculture	PF	Sustainable crop production through conservation agriculture in jute based cropping system	3	Off	23	7	30	23	7	30
Agriculture	PF	Organic farming and natural farming and production of different composts in jute based cropping system	3	Off	15	15	30	15	15	30
Horticulture	PF	Role of macro and micronutrient and deficiency symptoms in field and horticultural crop in jute-based cropping system	3	Off	26	4	30	26	4	30
Horticulture	PF	Improved production technology of kharif onion in jute based cropping system	3	On	17	13	30	17	13	30
Horticulture	PF	Micro irrigation technology in jute based	3	On	19	11	30	19	11	30

		cropping system								
Horticulture	PF	Plant propagation techniques of sub-tropical fruit crops	3	Off	25	5	30	25	5	30
Plant Protection	PF	Integrated Pest Management on Cucurbitaceous Crop In Jute Based Farming System	3	On	19	11	30	19	11	30

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	
Jute	Rural Crafts	Making of Jute Handicrafts	7	0	20	20				
Jute	Rural Crafts	Entrepreneurship development through advanced level making of jute handicrafts	21	0	20	20				

*training title should specify the major technology /skill transferred

b) Details of participation

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Crop production and management													
Commercial floriculture													
Commercial fruit production													
Commercial vegetable production													

Integrated crop management													
Organic farming													
Other													
Total													
Post harvest technology and value addition													
Value addition													
Other													
Total													
Livestock and fisheries													
Dairy farming													
Composite fish culture													
Sheep and goat rearing													
Piggery													
Poultry farming													
Other													
Total													
Income generation activities													
Vermicomposting													
Production of bioagents, biopesticides,													
biofertilizers etc.													
Repair and maintenance of farm machinery & imlements													
Rural Crafts	2	0	0	0	0	40	40	0	0	0	0	40	40
Seed production													
Sericulture													
Mushroom cultivation													
Nursery, grafting etc.													
Tailoring, stitching, embroidery, dying etc.													
Agril. Para-workers, para-vet training													
Other													
Total	**2**	**0**	**0**	**0**	**0**	**40**	**40**	**0**	**0**	**0**	**0**	**40**	**40**
Agricultural Extension													
Capacity building and group dynamics													

Other													
Total													
Grand Total													

I) Sponsored Training Programmes

a) Details of Sponsored Training Programme

Sl.No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of participants	Sponsoring Agency
					PF/RY/EF			
1.	RPL training programme on 'Vermicompost Producer'	Skill development	June, 2024	3 days	PF	2 days Training programme + 1 day Assessment	40	**ASCI,** through ICAR-ATARI, Kolkata

b) Details of participation

Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
Crop production and management													
Increasing production and productivity of crops													
Commercial production of vegetables													
Production and value addition													
Fruit Plants													
Ornamental plants													
Spices crops													
Soil health and fertility management													
Production of Inputs at site													
Methods of protective cultivation													

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


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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	8	100	32	132	50%	2	0	2	102	32	134
Kisan Mela											
Kisan Ghosthi											
Exhibition											
Film Show											
Method Demonstrations	3	56	9	65	60	1	0	1	57	9	66
Farmers Seminar											
Workshop											
Group meetings											
Lectures delivered as resource persons											
Advisory Services	260	220	40	260					220	40	260
Scientific visit to farmers field	24	372	136	508	65				372	136	508
Farmers visit to KVK	7	40	65	105					40	65	105
Diagnostic visits											
Exposure visits											
Ex-trainees Sammelan											
Soil health Camp											
Animal Health Camp											
Agri mobile clinic											
Soil test campaigns	2	34	3	37					34	3	37
Farm Science Club Conveners meet											
Self Help Group Conveners meetings											
Mahila Mandals Conveners meetings											
Celebration of important days (specify)											
Sankalp Se Siddhi											
Swatchta Hi Sewa											
Mahila Kisan Divas											

Any Other (Specify)											
Total	**304**	**822**	**285**	**1107**		**3**	**0**	**3**	**825**	**285**	**1110**

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	4
Radio talks	

TV talks	
Popular articles	
Extension Literature	
Other, if any	

Good quality photographs of Extension activity:

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
Paddy	MTU 70296(F)	75.25	525000								
Paddy	CR Dhan 800(F)	60.50	423500								
Paddy	Sukumar (IET 21261) (F)	22.50	45000					1		1	
Paddy	Shatabdi(IET4786)(F)	72.50	159500					1		1	
Grand Total		**230.75**	**1153000**								

Good quality photographs of seed production:

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											
Cabbage											
Tomato											
Brinjal	Bhangar	8125	6500	9	7			10	16	19	23
Chilli											
Onion											
Others											
Fruits											
Mango	Himsagar, Langra, Mallika, Amrapali	68	6800	6				30		36	
Guava	Baruipur	16	800	2				5		7	
Lime	Kagji	18	900	5				7		12	
Papaya											
Banana											
Others											
Ornamental plants											
Medicinal and Aromatic											
Plantation											
Gingaer	Nadia	80 kg	6800	5				12		17	
Turmeric	Suguna	145 kg	2175	2				30		32	
Tuber											
Elephant yams											
Fodder crop saplings	Hybrid napier	545 kg	1090					8		8	
Forest Species											
Others, pl. specify											
Total											

Good quality photographs of planting materials:

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	1838	27570	28				36		64	
Bio-pesticide										
Bio-fungicide										
Bio-agents										
Others, please specify.										
Total										

Good quality photographs of bio-products:

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Dairy animals											
Cows											
Buffaloes											
Calves											
Others (Pl. specify)											
Small ruminants											
Sheep											
Goat	Black Bengal	5 (41.5 kg)	15960	1						1	
Other, please specify											
Poultry											
Broilers	Haringhata black	10(10kg)	2000	1						1	
Layers	Sonali	26(26kg)	5250	1						1	
Duals (broiler and layer)	Karaknath	8(8kg)	3760	1						1	
Japanese Quail				1						1	
Turkey											
Emu											
Ducks	Chara Chameli	11(11kg)	1980	1						1	
Others (Pl. specify)											
Piggery											
Piglet											
Hog											
Others (Pl. specify)											
Fisheries											
Indian carp											
Exotic carp											
Mixed carp											
Fish fingerlings											
Spawn											
Others (Pl. specify)											
Grand Total											

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:

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 & 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				
Technical reports				
Electronic Publication (CD/DVD etc.)				
TOTAL				

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

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

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	Training and exposure visit	Training and exposure visit on Natural Farming	Dr. Subrata Sarkar, SMS, Horticulture	17.03.24 to 22.03.24, 5 days	MANAGE, Hyderabad and EEI, Anand
2.					
3.					
4.					
5.					
6.					
7.					

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

Name of farmer	
Address	
Contact details (Phone, mobile, email Id)	
Landholding (in ha.)	
Name and description of the farm/ enterprise	
Economic impact	
Social impact	
Environmental impact	
Horizontal/ Vertical spread	
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 in Soil and Water Testing Laboratory

Sl. No	Name of the Equipment	Qty.
1	**Flame photometer**	1
2	**Spectrophotometer**	1
3	**Shaker**	1
4	**Hot air oven**	1
5	**Hot plate**	1
6	**Glass distillation unit**	1
7	**Conductivity bridge**	1
8	**pH meter**	1
9	**Electronic balance**	1
10	**Grinder**	1
11	**Kjeldahl N analyser**	1
12	**Atomic absorption spectrophotometer**	1
13	**Mridaparikshak**	1
14	**PUSA STFR Meter**	1

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			
0	34	34	56	7	--

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	WSD	32	0	--	--	--

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

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/Zila Sabhadipati/Other Head of Organization/Foreigners)

Date	Name of the person	Purpose of visit

4. IMPACT

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Improved production technology of jute	2130	56	54000	76000
Disease Management of Potato	45	76	370000/ha	440000/ha

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

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

Horizontal spread of technologies	
Technology	Horizontal spread

Give information in the same format as given below

Name of farmer	
Address	
Contact details (Phone, mobile, email Id)	

Landholding (in ha.)	
Name and description of the farm/ enterprise	
Economic impact	
Social impact	
Environmental impact	
Horizontal/ Vertical spread	
Good quality photographs (2-3)	

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	Jute retting using CRIJAF SONA	Total 4 tonnes of CRIJAF SONA consortium was distributed to 765 beneficiaries for improved retting of jute. Retting period was diminished by 5-8 days and productivity increased by 3 – 11 %. Apart from that quality of the fibre was better.	Adoption percentage was found to 62%. Grade of fibre improved by 1-2 grades. Farmers fetched RS. 300 – 600 additional/quintal of fibre.
2	Weed management of onion with the help of pre emergence herbicide and ICAR-CRIJAF single wheel jute weeder	It helped in drudgery reduction of particularly women field workers and helped to litigate the problem regarding labour shortage in cultivation work	It lead to higher yield (14%) as well as reduced cost of cultivation to the extent of 12-16%.

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
College of Agriculture, BCKV, Burdwan	Resource person for training programme conducted at KVK.
Regional Fodder Station, Kalyani	Collaborative demonstration programme on fodder crops

5.2. List of special programmes undertaken during 2024 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.)
Collaborative demonstration programme on fodder crops at farmers field in Purba Bardhaman with **Regional Fodder Station, Kalyani** Distributed of **200 kgs of Maize seeds (Var. J-1006)**, to the **40 nos.** of farmers and farm women	To create awareness to the farmers and farm women for green fodder production for better animal health and milk production.	10.07.2024	**Regional Fodder Station, Kalyani** under M/o Fisheries, A.H & Dairying, GOI.	Fodder seeds, amounting Rs.10400.00 was given free of cost to our KVK.

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.									
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 Produce	Qty.(q)	Cost of inputs	Gross income	
Paddy (Aman)	18.07.2023	22.12.2023	4 ha	MTU 7029 and CR dhan 800	Foundation seed	135.75	420200	948500	
Paddy (Boro)	22.01.2024	12.05.2024	2 ha	Sukumar and Shatabdi	Foundation seed	95.00	68000	164000	
Brinjal seedling	20.08.2024		-	Bhangar	Seed	8125	1000	6500	
Mango sapling	-	-	-	Langra, Himsagar, Mallika & Amrapalli	Sapling	78	-	7800	
Guava sapling	-	-	-	Baruipur	Sapling	16	-	1600	
Citrus sapling	-	-	-	Kagji	Sapling	18	-	1800	
Turmeric rhizome	14.03.2024	19.11.2024	1500 sq ft	Suguna	Rhizome	145 kg	1000	2175	
Ginger rhizome	12.03.2024	22.11.2024	720 sq ft	Nadia	Rhizome	80 kg	1000	3500	
Hybrid napier	-	-	-		Cuttings	545	500	1090	
Dragon fruit	-	-	-		Fruit	32 kg	1000	4000	

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 has been completed:

No. of staff quarters:

Date of completion:

Occupancy details:

Months	Q I	Q II	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 -
	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 1st April 2013
	Kharif	Rabi	Kharif	Rabi	

2019.5. Utilization of KVK funds during the year 2024-25 (Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances			
2	Traveling allowances			
3	Contingencies			
A				
B				
C				
D				
E				
F				
G				
H				
I				
J	Swachhta Expenditure			
TOTAL (A)				
B. Non-Recurring Contingencies				
1				
2				
3				
4				
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				

7.5. Status of revolving fund (Rs. in lakh) for last five 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)
2020-21				
2021-22				
2022-23				
2023-24				
2024-25				

7.6. (i) Number of SHGs formed by KVKs
(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities
(iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activity	Season	With line department	With ATMA	With 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 in pond (in ha)

9.1. Nehru Yuva Kendra (NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

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

Type of message	No. of messages	No. of farmers covered
Crop	12	192645
Livestock	3	192645
Fishery	3	192645
Weather	120	192645
Marketing	0	0
Awareness	3	192645

Training information	0	0
Other	3	192645
Total		

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	52975
2.	No. of farmers registered in the portal	192645
3.	Mobile Apps developed by KVK	
4.	Name of the App	
5.	Language of the App	
6.	Meant for crop/ livestock/ fishery/ others	
7.	No. of times downloaded	

9.5. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken

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		
4. Cleaning and beautification of surrounding areas		
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	6	
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level		
8. Swachhta Workshops		
9. Swachhta Pledge		
10. Display and Banner		
11. Foster healthy competition		
12. Involvement of print and electronic media		
13. Involving the farmers, farm women and village youth in the		

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

9.6. Observation of National Science day

Date of Observation	Activities undertaken

9.7. Programme with Seema Suraksha Bal/ 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 Doordarshan (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		

Please provide good quality photographs:

9.10. Details of Swachhta Hi Suraksha/ Swachhta Pakhwada programme organized

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

Please provide good quality photographs:

9.11. Details of Mahila Kisan Divas programme organized

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

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

9.13. Revenue generation

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	Skill Development Training PGM & RPL /Upscaling CRIJAF	Income genetrated for Rs. 6000.00 as hiring charge of KVK Training Hall during 3 days RPL training programme.	ASCI
2.	KVK Trainees Hostel	Total Rs. 4275.00 generated as rent charged from guests.	
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

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:

	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 2024

Progress of DAPST for the year 2024 (Jan. to Dec., 2024)

Name of KVK							
Sl.No.	***Item/Activity***		***Units***	***Targets/Achievements***		***No. of Beneficiaries***	
				Annual Targets	***Achievements***	***Annual Targets***	***Achievements***
1	**Trainings (Capacity building/ Skill Development etc.)**		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	**On Farm Trials (OFTs)**		No.				
3	**Front Line Demonstrations (FLDs) and other demonstrations**		No.				
4	**Awareness camps, exposure visits etc.**		No.				
5	**Input Distribution**						
	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	**Services/Facilitation**						
	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	**Distribution of Literature**		No.				
8	**Employment generation for livelihood**		(Man-months)				
9	**Fellowship, Stipends or Scholarship**		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 TSP in 2024-25 (Rs. In lakh):

12. Details of DAPSC/ SCSP

a. Achievements of physical output under SCSP during 2024

Progress of DAPSC for the year 2024 (Jan. to Dec., 2024)

Name of KVK							
Sl.No.	***Item/Activity***		***Units***	***Targets/Achievements***		***No. of Beneficiaries***	
				Annual Targets	***Achievements***	***Annual Targets***	***Achievements***
1	**Trainings (Capacity building/ Skill Development etc.)**		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	**On Farm Trials (OFTs)**		No.				
3	**Front Line Demonstrations (FLDs) and other demonstrations**		No.				
4	**Awareness camps, exposure visits etc.**		No.				
5	**Input Distribution**						
	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	**Services/Facilitation**						
	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	**Distribution of Literature**		No.				
8	**Employment generation for livelihood**		(Man-months)				
9	**Fellowship, Stipends or Scholarship**		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 2024-25 (Rs. In lakh):

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

Natural Resource Management

Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted	Remarks

				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	

Crop Management

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

Livestock and fisheries

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

Institutional interventions

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

Capacity building

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

Extension activities

Thematic area	No of activities	No of beneficiaries			
		SC	ST	Other	Total

		M	F	M	F	M	F	M	F	T

Detailed report should be provided in the circulated Performa

Technology (ies) popularized/ scaled up during the year

a)
b)
c)

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

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. 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)

19. a) Information on ASCI Skill Development Training Programme, if undertaken during 2024

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		
Vermicompost Producer	Mr. Sandipan Garai, ACTO	25.06.2024	27.06.2024	1	16	-	-	11	12	Yes	

(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 2024

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	

20. 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

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

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

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

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