Annual Report
2023

KRISHI VIGYAN
KENDRA BURDWAN

Submitted by

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PROFORMA FOR ANNUAL REPORT 2023 (January-December 2023)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
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. 166400	27.12.18	Parmanent	GEN
2	Subject Matter Specialist	Dr. Dipankar Ghorai	SMS (Agriculture)	Agriculture	Rs. 78800-209200 Basic: Rs. 102800	26.04.2006	Permanent	GEN
3	Subject Matter Specialist	Dr. Subrata Sarkar	SMS (Horticulture)	Horticulture	Rs. 78800-209200 Basic: Rs. 102800	04.05.2006	Permanent	GEN
4	Subject Matter Specialist	VACANT						
5	Subject Matter Specialist	VACANT						
6	Subject Matter Specialist	VACANT						
7	Subject Matter Specialist	VACANT						
8	Programme Assistant	Mr. Sandipan Garai	Prog. Assistant	Agriculture	Rs. 67700-208700 Basic: Rs. 74000	18.04.2006	Permanent	OBC
9	Computer Programmer	Sk Golam Rasul	Prog. Assistant (Computer)	Computer	Rs. 56100-177500 Basic: Rs. 67000	10.04.2006	Permanent	GEN
10	Farm Manager	Mr. Soumya Sarathi Kundu	Prog. Assistant (Farm Manager)	Agriculture	Rs. 67700-208700 Basic: Rs. 71800	06.01.2007	Permanent	GEN
11	Accountant / Superintendent	Mr. Nilesh Ray	Assistant	--	Rs. 35400-142400 Basic: Rs. 42300	27.11.2017	Permanent	GEN
12	Stenographer	VACANT	-----					
13.	Driver	Mr. Joydeep Pal	Driver – cum - mechanic	--	Rs. 35400-142400 Basic: Rs. 39900	06.07.2006	Permanent	GEN
14.	Driver	Mr. Santi Nath Pal	Driver– cum - mechanic	--	Rs. 35400-142400 Basic: Rs. 39900	10.07.2006	Permanent	OBC
15.	Supporting staff	Mr. Shyamal Bhanja	Supporting staff	Peon	Rs. 19900-63200 Basic: Rs. 32000	25.02.2006	Permanent	GEN
16.	Supporting staff	Mr. Anup Das	Supporting staff	Cook	Rs. 19900-63200 Basic: Rs. 32000	01.03.2006	Permanent	SC

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	3.5
2.	Under Demonstration Units	2.5
3.	Under Crops	7.0
4.	Orchard/Agro-forestry	2.0
5.	Others with details	3.0
	Total	**18.0**

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					√	552	Under use	ICAR
2.	Farmers Hostel					√	306	Under use	ICAR
3.	Staff Quarters (6)					√	400	Under use	ICAR
4.	Piggery unit								
5	Fencing					√	925 m	Under use	ICAR
6	Rain Water harvesting structure					√	7000	Under use	MGNREGA
7	Threshing floor	√							
8	Farm godown	√							
9.	Dairy unit	√							
10.	Poultry unit	√							
11.	Goatary unit					√	50	Under use	ICAR
12.	Mushroom Lab	√							

13.	Mushroom production unit	√							
14.	Shade house					√	1008	Under use	RKVY
15.	Soil test Lab					√	Instrumental support	Under use	ICAR
16	Others, Please Specify								
17.	Feed preparation Unit					√	Instrumental support	Under use	ATMA
18.	Integrated farming system					√	6000	Under use	ICAR
19.	Vermicompost unit					√	60	Under use	ATMA
20.	Portable carp hatchery					√	30	Under use	ICAR
21.	Deep tube well					√	Depth 80 ft.	Under use	ICAR

* 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
TATA SUMO WB 40 C 9883	01.04.1999	---		Condemned
Tractor WB 39 3472	01.04.1999	---		Not in working condition
Tractor WB 42 AT 5641	25.02.2019	6,19,054.00	378 Hrs	Working condition
Tractor WB 42 AW 1441	19.06.2020	2,58,300.00		Working condition
Breeza WB 42BD 6213	06.02.2023	7,02,998.00		Working condition

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	In working condition	ICAR
Hot air oven	2006-07	5344.00	In working condition	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	Out of order	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	In working condition	ICAR
Mridaparikshak	2015-16	117450.00	Working	ICAR
PUSA STFR Meter	2017-18	86000.00	Working	ICAR
b. Farm machinery				
Tractor	01.04.1999	--	Out of order	ICAR
Power reaper	2011-12	85476.00	In working condition	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

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
TAB	22.01.2019	29590.00	Working	ICAR
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 Make GOMADHI Model AB1050	16.03.2020	377440.00	Not in used	ICAR
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
Seed grading /fine cleaner machine	14.03.2020	614250.00	Not installed	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
VST Shakti MT171 DI Samrat High Trque 2W Mini tractor	31.01.2020	258300.00 .	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.	27.03.2023				

** 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 (2023)

Purba Bardhaman

Sl. no.	Item	Information
1	Major Farming system/enterprise	Rice production system Dairy –poultry production system Poultry Goatery Duckery Fishery Rice – potato-fodder- livestock production system Rice –vegetable-Rice production system Jute-rice production system Fish-duck-banana production system
2	Agro-climatic Zone	**1. New Alluvium** Average annual rainfall 1300-1600 mm, Soil type- sandy loam, clay and clay loam, Soil depth 4-6 ft with medium to good water holding capacity, **Neutral to acidic soil with good fertility.** **2. Old Alluvium** Average annual rainfall 1300-1500 mm, Soil type- sandy loam and clay loam Soil depth 4-6 ft with medium to good water holding capacity **Neutral to acidic soil with good fertility**
3	Agro ecological situation	**Agro ecological sub region 12.3 under the AES 12.0 (Eastern Plateau)** II. Moist and sub humid ecosystem with alluvial soil with LGP

		of 180-200 days covering the blocks of Burdwan (N), Burdwan (S), Kalna & Katwa, Main crops paddy, mustard, **sesame, potato, jute, vegetables etc. The area covers 517532 ha**
4	Soil type	**1.Gangetic alluvial – 206423 ha** Soil order is entisols. Sandy loam to clay loam, fine in texture, slightly acidic to neutral in reaction. Rich in potash and medium to rich in available plant nutrients. **2. Vindhya alluvial – 311000 ha** Soil order is entisol Sandy loam to clay loam, fine to moderate coarse in texture, acidic to neutral in reaction.
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Aman paddy – 32.73 Boro paddy – 26.95 Wheat – 21.99 Pulses – 8.80 Oilseeds – 10.01 Jute & other fibres ** - 18.7 lakh bales Potato – 212.49
6	Mean yearly temperature, rainfall, humidity of the district	Mean yearly temperature: Max – 31, Min – 18 Relative humidity : 76 Total rainfall: 1136 mm
7	Production of major livestock products like milk, egg, meat etc.	Milk : 464080 tonnes, 280 kg/year Egg: 2672.40 lakh egg, 85 no. eggs/year Meat : 4000 MT

Note: Please give recent data only

Paschim Bardhaman

Sl. no.	Item	Information
1	Major Farming system/enterprise	Rice production system Dairy –poultry production system Poultry Goatery Duckery Fishery Rice –vegetable-Rice production system
2	Agro-climatic Zone	**1. Red and Lateritic** Average annual rainfall 1100-1400 mm, Soil type- sandy loam, coarse in texture

		Undulating land with low soil depth, sometimes hard layer present in sub surface **Medium to highly acidic soil**
3	Agro ecological situation	**Agro ecological sub region 12.3 under the AES 12.0 (Eastern Plateau)** I Chhotonagpur Plateau and Garhjat hills, hot dry sub humid ecosystem with red & laterite soils and LGP 150-180 days covering the blocks of Durgapur & Asansol. Main crops are, paddy, mustard, vegetables, pulse etc. The area covers 186154 ha
4	Soil type	**1. Red and Lateritic – 186054 ha** Soil orders are mainly alfisol and ultisol. Coarse gritty soil blended with rock fragment, mainly acidic in nature, reddish in color due to high level of iron, low in nitrogen, calcium, phosphate and other plant nutrient.
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Aman paddy – 26.83 Wheat – 21.99 Pulses – 7.92 Oilseeds – 8.04
6	Mean yearly temperature, rainfall, humidity of the district	Mean yearly temperature: Max – 33, Min – 15 Relative humidity : 69 Total rainfall: 1024 mm
7	Production of major livestock products like milk, egg, meat etc.	Data not available

Note: Please give recent data only

2.b. Details of operational area / villages (2023)

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1	Durgapur	Kanksa	Keten , Palashboni, Payarigunj, Chuya, Shokna Shilampur Gangbil Natungram	Paddy, potato, mustard, sesame, lentil, vegetable, cattle, poultry, duck, goat, pig fish	***Bio-physical*** **Low productivity of all major crops** • Non-availability of quality seed / planting materials	• Integration of good agronomic practices • Creation of rainwater harvesting structures

				Kharif paddy, wheat, mustard, brinjal, cattle, buffalo, pig, goat and poultry	• Marginal soil • Limited water resources for irrigation • Indiscriminate and inappropriate use of chemical fertilizer **Inadequate descriptive/prolific breed of livestock** **Poor feed resources** ***Socio- economic*** **Lack of credit facilities** **Lack of awareness regarding good agronomic /husbandry practices** **Very restricted livelihood option**	• Utilization of mine lift water for irrigation • Providing quality seeds/planting materials • Diversification of land use • Soil health management like organic farming etc. • Livestock productivity improvement and health care • Efficient utilization of water bodies • Entrepreneurship development
		Andal	Moira, Madanpur, Baska, Pubra, Andal, Andal Gram, Battala, Dakshinkhanda, Sakra, Shrirampur, Damra Gram, Kajora Gram, Rajhat, Dignala.			•
		Ranigunj	Napur, Napur Gram, Chelod, Ballavpur, Belunia, Belunia Gram, Raghunathchak, Kankardanga			•
		Jamuria	Jamuria, Siddhapur, Baghdhia, Haripur, Barul, Chaktulshi, Sankhari, Nandi, Sahakhir, Berali, Patharchur,			•

			Shibpur, Bogra, Chakdola, Hijalgora, Jambad, Taltor, Parasia, Churulia, Satgram, Madantor, Charanpur, Birkulti, Morden Satgram, Panchachur, Damodarpur			
		Salanpur	Sidhabari			•
2	Burdwan North	Galsi-I	Bharatpur Jaguli para , Sillya, Ramgopalpur, Atpara, Raipur, Goligram, Kondaipur, Manikbazar-Jharul, Tildanga, Nurkona Nabakhanda, Bamunara, Fatepur, Puratangram, Ucchagram, Serorai, Chaktentul, Naskarbandh, Budbud,	Aus paddy, kharif paddy, jute, potato, mustard, vegetable cattle, poultry, Goat, broiler farming, fish	***Bio-physical*** **Low productivity of all major crops** • Non-availability of quality seed materials • High cost involvement for major crops • Indiscriminate and inappropriate use of chemical fertilizers • Low input of organics & biofertiliser **Lesser extent of crop diversification** **Low productivity of livestock & poultry** **Poor feed resources** ***Socio-economic*** • Lack of credit facilities • Inadequate house hold income generation	• Providing quality seeds/planting material • Diversification of land use • Entrepreneurship development • Organic farming • Health care • Improvement of women led vocations • Popularization of balanced feeding practices • Crop diversification
		Galsi-II	Garamba, Bhasapur, Pursora, Hitta, Bahirghanna,			•

			Taranagar, Sankrai, Sarul, Bhuri.			
3.	Bardhaman Sadar	Aushgram-I	Dignagar, Woyarishpur, Alutia, Bannabagram, Dangpara,	Kharif paddy, Potato, lentil, mustard, til, fodder, cattle, goat, poultry, duck, fish	***Bio-physical*** **Low productivity of all major crops** • Non-availability of quality seed / planting materials • Poor soil health • Limited water resources for irrigation • Indiscriminate and inappropriate use of chemical fertilizer **Inadequate descriptive/prolific breed of livestock** **Poor feed resources** **Inadequate health care** ***Socio- economic*** **Lack of credit facilities** **Lack of awareness regarding good agronomic /husbandry practices** **Very restricted livelihood option**	i. Integration of good agronomic practices ii.Providing quality seeds/planting materials iii.Diversification of land use iv.Restoration of soil health through organic manuring. v.Livestock productivity improvement and health care vi.Efficient utilization of water bodies vii.Entrepreneurship development viii. Promotion of efficient water use technology ix. technology showcasing
		Aushgram-II	Premganj, Abhirampur, Anandabazar, Bijoydanga, Chandipur,			

		Bhatar	Gholda, Gramdihi, Bamshor, Bijipur, Alinagar, Natungram, Muraripur, Kapshor, Nasigram, Madhpur, Salun, Bonpas, Palar, Narayanpur, Balsidanga, Erachia, Kubachpur, Polsona, Bijaypur, Kherur, Sahebganj, Kashipur, Nurpur,			
5.	Kalna	Kalna	Bhagnapara, Kalna, Durgapur, Nandai, Deulpara, Diara, Mirzapur, Balia, Anukhal, Rangpara, Goara, Anakul,	Paddy, jute, onion, fodder, mustard, banana, potato, mango, cattle, sheep, goat, pig, poultry	***Bio-physical*** **Low productivity of all major crops** • Non-availability of quality seed / planting materials • Nutrient Deficient soil • Indiscriminate and inappropriate use of chemical fertilizer/ pesticides **Inadequate descriptive/prolific breed of livestock** **Poor feed resources** **Inadequate health care** ***Socio- economic*** **Lack of credit facilities** **Lack of awareness regarding good**	Integration of good agronomic practices ii.Production of quality seeds/planting materials in PPP mode iii.Diversification of land use iv.Restoration of soil health through organic manuring. v.Livestock productivity improvement and health care vi.Efficient utilization of water bodies vii.Entrepreneurship development viii. Promotion of efficient water use technology ix. Promotion of Improved post harvest technology

					agronomic /husbandry practices **Very restricted livelihood option** **Less of post harvest operation**	
		Purbasthali- I	Kuricha, Golahat, Betpukur, Chakbamungoria,Shyampur, Parulia, kuldanga, Bhaturia, Minapur, Ramchandrapur, Dogachia, Chupi, Biswarambha, Banki,Bhatsala, Rajapur, Chaitpur, Maganpur, Moshipur,	Paddy, jute, onion, fodder, mustard, banana, potato, mango, cattle, sheep, goat, pig, poultry	***Bio-physical*** **Low productivity of all major crops** • Non-availability of quality seed / planting materials • Indiscriminate and inappropriate use of chemical fertilizer/ pesticides • Very low ground water table **Inadequate descriptive/prolific breed of livestock** **Poor feed resources** **Inadequate health care** ***Socio- economic*** • Lack of awareness regarding good agronomic /husbandry practices • Very restricted livelihood option • Less of post harvest operation	Integration of good agronomic practices ii. Production of quality seeds/planting materials in PPP mode iii. Diversification of land use iv. Restoration of soil health through organic manuring. v. Livestock productivity improvement and health care vi. Efficient utilization of water bodies vii. Entrepreneurship development viii. Promotion of efficient water use technology ix. Promotion of Improved post harvest technology of jute and other crops

		Memari-I & II	Satchachia, Debipur, Khanro, Harindanga	Paddy, onion, fodder, mustard, banana, potato, mango, cattle, sheep, goat, pig, poultry	***Bio-physical*** **Low productivity of all major crops** • Non-availability of quality seed / planting materials • Nutrient Deficient soil • Indiscriminate and inappropriate use of chemical fertilizer/ pesticides **Inadequate descriptive/prolific breed of livestock** **Poor feed resources** **Inadequate health care** ***Socio- economic*** • Lack of credit facilities • Lack of awareness regarding good agronomic /husbandry practices • Very restricted livelihood option • Less of post harvest operation	Integration of good agronomic practices ii. Production of quality seeds/planting materials in PPP mode iii. Diversification of land use iv. Restoration of soil health through organic manuring. v. Livestock productivity improvement and health care vi. Efficient utilization of water bodies vii. Entrepreneurship development viii. Promotion of efficient water use technology ix. Promotion of Improved post harvest technology
		Montheswar	Bhelia, Bheti, Sutra	Paddy, onion, fodder, mustard,	***Bio-physical*** **Low productivity of all major crops**	Integration of good agronomic practices

				banana, potato, mango, cattle, sheep, goat, pig, poultry	• Non-availability of quality seed / planting materials • Nutrient Deficient soil • Indiscriminate and inappropriate use of chemical fertilizer/ pesticides **Inadequate descriptive/prolific breed of livestock** **Poor feed resources** **Inadequate health care** ***Socio- economic*** **Lack of credit facilities** **Lack of awareness regarding good agronomic /husbandry practices** **Very restricted livelihood option** **Less of post harvest operation**	ii.Production of quality seeds/planting materials in PPP mode iii.Diversification of land use iv.Restoration of soil health through organic manuring. v.Livestock productivity improvement and health care vi.Efficient utilization of water bodies vii.Entrepreneurship development viii. Promotion of efficient water use technology ix. Promotion of Improved post harvest technology

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2023) for its development and action plan

Name of village	Block	Action taken for development
Khayerpur	Memari	• 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
Kankuria, Kalna I		• 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.	Integration of good agronomic practices for cultivation of field and vegetable crops for vertical agricultural growth
2.	Production of quality seeds/planting materials for major agricultural crops like rice, jute, mustard and vegetable and fruit crops
3.	Diversification of land use through cultivation of vegetables and other horticultural crops
4.	Soil health management through organic farming, balanced and integrated fertilization etc.
5.	Livestock productivity improvement and health care
6.	Efficient utilization of water bodies through composite fish culture and improved management practices
7.	Efficient resource utilization and output maximization through integrated farming system approach
8.	Entrepreneurship development for family income generation
9.	Empowerment of women through post harvest operation
10.	Strengthening of animal feed resources through fodder production/ quality fodder seed production
11.	Use of ICT in agriculture in area of climate based agro advice, disease diagnosis, SMS service
12.	Doubling of farmers income by 2022

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
6	5	58	24	11	0	0	0	0	24	11	35	10	7	315	97	69	0	0	0	0	97	69	166

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
68	73	1990	1112	1034	0	0	0	13	1112	1047	2159	112	203	63418	45238	23654	399	64	88435	37837	134072	61555	195627

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
490.3	144.19	0.04	0.038

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	1	100					
Popular Articles	1						
Book Chapter							
Extension Pamphlets/ literature	20	2000					
Technical reports							
Electronic Publication (CD/DVD etc)							
TOTAL	22	2100					

3.1 Achievements on technologies assessed and refined

OFT-1

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	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:14.3 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:18.7 no/m2) and was at par with two hand weedings at 25 and 45 DAS (Farmers' practice) (weed density:17.2 no/m2). Productivities in TO2 was 34.3 q/ha while in TO1 and farmers practice yield was recorded as 31.5 q/ha and 32.1 q/ha, respectively. However, cost benefit ratio in farmers' practice (B:C= 1.68) was lower in both technology options (TO1=1.85 and TO2=2.01)
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	Plant height (cm)					
FP	5	17.2	331	32.1	91600	154080	62480	1.68
TO 1		18.7	330	31.5	81600	151200	69600	1.85
TO 2		14.3	346	34.3	81800	164640	82840	2.01
LSD at 5%		2.41	3.78	1.06				

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:14.3 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:18.7 no/m2) and was at par with two hand weedings

at 25 and 45 DAS (Farmers' practice) (weed density:17.2 no/m2). Productivities in TO2 was 34.3 q/ha while in TO1 and farmers practice yield was recorded as 31.5 q/ha and 32.1 q/ha, respectively. However, cost benefit ratio in farmers' practice (B:C= 1.68) was lower in both technology options (TO1=1.85 and TO2=2.01)

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):** 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)
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	OFT is underway
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: Results awaited

OFT – 3

1	**Title of the OFT**	Weed management of onion in jute based cropping sysytem
2	**Problem diagnosed**	Weed infestation is a major problem in onion cultivation particularly at the early stage of crop growth leading to reduction in yield
3	**Treatments:**	**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):** One hand weeding + weeding by ICAR- CRIJAF Cycle Weeder (2 times) **Technology option-III (TO-III):** Application of Pre emergence herbicides (Pendimethalin) + weeding by ICAR- CRIJAF Cycle weeder (2 times)
4	**Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)**	ICAR- CRIJAF
5	**Production system**	Jute-Paddy- vegetable cropping system
6.	Performance of the Technology with performance indicators	Application of Pre emergence herbicides (Pendimethalin) + weeding by ICAR- CRIJAF Cycle weeder (2 times) was the most effective measure for weed management of onion. Not only highest yield (230 q/ha) was obtained, it was most cost effective (B: C ratio 2.22) as it reduced labour requirement for weeding. At present when timely availability of labour is a big concern, use of the above technology is a sustainable solution for weed control in onion.
7.	Final recommendation for micro level situation	Pre emergence herbicides (Pendimethalin) + weeding by ICAR- CRIJAF Cycle weeder (2 times) for weed management of onion.

8.	Constraints identified and feedback for research	Availability of ICAR- CRIJAF Cycle weeder at local market.
9.	Process of farmers participation and their reaction	Through training and demonstration

Thematic area: Weed management.

Problem definition: Weed infestation is a major problem in onion cultivation particularly at the early stage of crop growth leading to reduction in yield

Technology assessed: ICAR- CRIJAF Nail Weeder, Cycle weeder that has been tried for efficient weed management.

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
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)					
FP: Three hand weeding	10				225	165000	337500	172500	2.04
TO I: One hand weeding + weeding by ICAR-CRIJAF Nail Weeder (2 times)	10				215	155000	322500	167500	2.08
TO II: One hand weeding + weeding by ICAR-CRIJAF Cycle	10				225	155000	337500	182500	2.17

Weeder (2 times)									
TO III: Application of Pre emergence herbicides (Pendimethalin) + weeding by ICAR-CRIJAF Cycle weeder (2 times)	10				230	155000	345000	190000	2.22

Results: Result indicated that application of Pre emergence herbicides (Pendimethalin) + weeding by ICAR- CRIJAF Cycle weeder (2 times) was the most effective and economic measure for weed management of onion for getting highest yield. At present when timely availability of labour is a big concern, use of the above technology is a sustainable solution for weed control in onion.

OFT – 4

Sl no.	Particulars	Details
1	**Season**	Rabi
2	**Title of the OFT**	Assessment of different vegetable seedling raising techniques on the rate of seedling mortality and economic viability (cauliflower) in jute based cropping system
3	**Thematic Area**	Vegetable cultivation
4	**Problem diagnosed**	Vegetable seedlings are grown in raised beds and they are manually uprooted and transplanted in the main field leading to a significant percentage of seedling mortality. At the same time there was significant seedling mortality at seed bed due to soil born diseases.
5	**Important Cause**	Soil born diseases and damage of roots during uprooting causes seedling mortality
6	**Production system**	Vegetable- Jute-rice cropping system
7	**Micro farming system**	Irrigated Medium Land
8	**Technology for Testing**	
9	**Existing Practice**	Raising of seedlings on raised bed

10	**Hypothesis**	Raising of seedlings on pluck tray with coco peat as rooting medium may significantly reduce seedling mortality and improve health of the seedlings.
11	**Objective(s)**	To minimize seedling mortality.
12	**Treatments:**	**Farmers Practice (FP):** Raising of seedlings on raised bed, rooting medium soil+compost **Technology option-I (TO-I):** Raising of seedlings on pluck tray, rooting medium soil+compost **Technology option-II (TO-II):** Raising of seedlings on pluck tray, rooting medium coco peat
13	**Critical Inputs**	Pluck tray and coco peat
14	**Unit Size**	100 sq m
15	**No of Replications**	7
16	**Unit Cost**	3000
17	**Total Cost**	21000
18	**Monitoring Indicator**	Seedling mortality and B:C ratio
19	**Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)**	ICAR-IIHR

Thematic area: *Nutrient* management

Problem definition:

Table:

Technology option	No. of trials	Yield component			% of seedling mortality	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
Farmers Practice (FP): Raising of seedlings on raised bed,	10				16	180	140000	290000	150000	2.07

rooting medium soil+compost										
Technology option-I (TO-I): Raising of seedlings on pluck tray, rooting medium soil+compost	10				7.5	195	130000	310000	180000	2.38
Technology option-II (TO-II): Raising of seedlings on pluck tray, rooting medium coco peat	10				1.8	210	125,000	320000	195000	2.56

Results: Results indicated that Technology option-II was most effective in controlling seedling mortality in cauliflower. Better yield and B:C ratio are also supportive with the fact.

OFT-5

1.	Title of On Farm Trial	Assessments of Managing leaf curl disease in tomato.
2.	Problem diagnosed	Low yield per unit area due to high leaf curling in tomato.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**(Assessed):** **Farmers' Practice (FP): Open nursery bed and indiscriminate use of pesticides on standing crop.**

		Technology option-I (TO-I): Covering the nursery by nylon net of 40 mesh size followed by 4 sprays (10 days interval) of Imidacloprid 17.8% SL @ 5 ml/15 litres water on standing crop. **Technology option-II (TO-II):** Root dipping of seedlings with Thiamethoxam 25% WP @ 0.3 gm /litre water for 5 minutes, followed by 4 sprays (10 days interval) of Imidacloprid 17.8% SL @ 5 ml/15 litres water on standing crop. **Technology option-III (TO-III):** Spray the seedlings 2 times at nursery stage followed by 4 sprays (10 days interval) of Imidacloprid 17.8% SL @ 5 ml/15 litres water on standing crop.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TNAU, Coimbatore.
5.	Production system and thematic area	Paddy- Tomato cropping system; Integrated pest management.
6.	Performance of the Technology with performance indicators	Incidence of disease infestation. Percentage of leaf curled affected plant. Economic return/unit area.
7.	Final recommendation for micro level situation	Seedling raising through protected nursery by covering the nursery by nylon net of 40 mesh size followed by 4 sprays (10 days interval) of Imidacloprid 17.8% SL @ 5 ml/15 litres water on standing crop.
8.	Constraints identified and feedback for research	Limited availability of nylon net of 40 mesh size at local markets.
9.	Process of farmers participation and their reaction	Farmers' participation through training and demonstration. They are eager to adopt the best technology option.

Some other information (If needed):

Sl no.	**Particulars**	**Details**
1	**Season**	Rabi 2023
2	**Title of the OFT**	Assessments of Managing leaf curl disease in tomato.
3	**Thematic Area**	Integrated pest management
4	**Problem diagnosed**	Low yield per unit area due to high leaf curling in tomato.

5	**Important Cause**	Leaf curl disease in tomato is one of the major diseases in Tomato. The virus causing this disease is tomato yellow leaf curl virus (TYLCV) and the virus is being transmitted by vector white fly. Thus the vector should be controlled taking some measures for management of this disease.
6	**Production system**	Paddy- Tomato
7	**Micro farming system**	Irrigated Medium Land
8	**Technology for Testing**	Use of nylon net, root dipping and use of insecticide for the vector control as well as disease management
9	**Existing Practice**	Open nursery bed and indiscriminate use of pesticides on standing crop.
10	**Hypothesis**	Vector control may improve yield
11	**Objective(s)**	Significant yield improvement as well as increase in income
12	**Place**	Golahat, Purbasthali-I, Purba Bardhaman
13	**Critical Inputs**	Nylon net and chemicals
14	**Unit Size**	0.2 ha
15	**No of Replications**	7
16	**Unit Cost**	3000.00
17	**Total Cost**	21000.00
18	**Monitoring Indicator**	Disease incidence %, Yield, Net return, B:C ratio
19	**Source of Technology**	TNAU

Table: Performance of different management practices of leaf curl of tomato.

Technology option	No. of trials	Yield (t/ha)	Increase in yield (%)	Net return (Rs./ha)	B:C Ratio
Farmers' Practice (FP): Open nursery bed and indiscriminate use of pesticides on standing crop.		26.92	-	1,00,076	2.13

Technology option-I (TO-I): Covering the nursery by nylon net of 40 mesh size followed by 4 sprays (10 days interval) of Imidacloprid 17.8% SL @ 5 ml/15 litres water on standing crop.	7	38.46	42.87	1,70,896	2.74
Technology option-II (TO-II): Root dipping of seedlings with Thiamethoxam 25% WP @ 0.3 gm /litre water for 5 minutes, followed by 4 sprays (10 days interval) of Imidacloprid 17.8% SL @ 5 ml/15 litres water on standing crop.		30.44	13.08	1,20,726	2.31
Technology option-III (TO-III): Spray the seedlings 2 times at nursery stage followed by 4 sprays (10 days interval) of Imidacloprid 17.8% SL @ 5 ml/15 litres water on standing crop.		32.16	19.47	1,30,756	2.39

Effect of different management practices on Percentage of shoot infestation, Percentage of yield loss (infested fruit) and Gross return per unit area:

Technology option	Disease increase (%)	Cost of cultivation (Rs./ha)	Gross return (Rs./ha)

	15 DAT	30 DAT	45 DAT	60 DAT	75 DAT	90 DAT	Mean		
Farmers' Practice (FP):	15.08	31.26	41.88	58.24	68.86	78.48	48.97	88,364	1,88,440
Technology option-I (TO-I)	9.16	13.22	18.46	21.88	26.34	35.56	20.77	98,324	2,69,220
Technology option-II (TO-II)	11.66	26.88	37.38	48.76	50.28	57.29	38.71	92,354	2,13,080
Technology option-III (TO-III)	10.22	24.84	33.46	41.28	49.56	55.88	35.87	94,364	2,25,120

Result: The first disease symptom was observed at 15 DAT. From the experiment it was revealed that the **mean** disease incidence percentage was highest in Farmers' Practice (48.97) and lowest in Technology option-I (20.77) . It was also observed that the infestation was lower at early stage (15 DAT) in eco-friendly management (Technology option-I) due to protected condition as covering of the nursery bed by nylon net. Production per ha was highest in Technology option-I (38.46 t/ha) and lowest in Farmers' Practice (26.92 t/ha). Percentage of yield increase were 42.87, 13.08 and 19.47 in Technology option-I, II and III respectively than Farmers' Practice. Net return per ha was highest in eco-friendly management (Technology option-I) (Rs. 1,70,896) and lowest in Farmers' Practice (Rs. 1,00,076) but in Technology option- II and III, was lower than the Technology option-I. Benefit: Cost ratio were also highest in eco-friendly management (Technology option-I) (2.74) and lowest in Farmers' Practice (2.13). From the results, it may be concluded that the Technology option-I was the best among all the management practice and it can be recommended for wide adoption to the farmers.

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	30	29	21	8	0	0	0	0	21	8	29	
2.	Lentil	Nutrient management	INM (Seed treatment with rhizobium+10:40:20 NPK/ha+ soil application of rhizobium)	50	50	29	21	0	0	0	0	29	21	50	
3.	Banana	Tissue cultured plantlets & Improve variety	Grand Naine	1	1	8	4	0	0	0	0	8	4	12	
4.	Onion	Introduction in Kharif season	Agrifound Dark Red	3	3	11	9	0	0	0	0	11	9	20	
5.	Cauliflowwer	Nutrient management	Sulphur & boron application	2	2	13	2	0	0	0	0	13	2	15	
6.	Oyster Mushroom	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 (05 Beds in each)	20 units (05 Beds in each)	7	13	-	-	-	-	7	13	20	
7.	Brinjal	IPM	Integrated pest management on Leucinodes orbonalis 1. Install pheromone traps 10/acre for mass trapping at 10 m distance 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.	1	1	8	12	0	0	0	0	8	12	20	

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	325	32	167	Potato/onion/vegetables	22.03.23 – 01.04.23	20.07.22 – 22.07.22	1530	
Lentil	Rabi	Irrigated	Loamy	345	39	201	Paddy	02.12.22 – 06.12.22	26.02.23 – 01.03.23	1530	
Banana	Kharif	Irrigated	Loam	230	40	200	Vegetables	29/7/2022 – 10/8/22	20/6/23-15/07/23	1205	
Onion	Kharif	Irrigated	Loam	230	50	180	Vegetables	14/7/2023 – 05/8/23	Dec.01, 2023-Dec.8, 2023	1200	
Cauliflowwer	Rabi	Irrigated	Loam	230	50	180	Vegetables	18/10/23	20/12/23	560	
Oyster Mushroom	Rabi	In-house									
Brinjal	Kharif	Irrigated	Clay Loam	235	45	178	Vegetables	20/12/2022 – 25/12/22	May.28, 2023-June.10, 2023	980 mm	

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
Lentil	INM	INM (Seed treatment with rhizobium+10:40:20 NPK/ha+ soil application of rhizobium)	50	10	11.2	10.4	7.6	30500	72800	42300	2.39	30200	67600	37400	2.24
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	Improved production technology	Seed treatment+ Use of seed drill/cycle weeder+ 80:40:40 NPK+retting with CRIJAF SONA	29	4	36.2	30.9	17.2			85600	181000	95400	2.11	91300	148000	56700	1.62
Banana	Improved variety	Grand Naine	12	1	625	500	25.0			140000	372000	232000	2.65	132000	275000	143000	2.08
Onion	Introduction in Kharif season	Agrifound Dark Red	20	3	205	No existing variety	-			155000	310000	155000	2.00	-	-	-	-
Cauliflower	Nutrient management	Sulphur & boron application	15	2	224	185	21.0			135000	320000	185000	2.37	122000	265000	143000	2.17
Oyster mushroom	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 SC(Male)=07, SC(Female)=13	20 (05 Beds in each)	97	76	27.6			3980	13580	9600	3.41	3420	10640	7220	3.11
Brinjal	Integrated Pest Management	Integrated pest management on *Leucinodes orbonalis*	20	1 ha	286.5	237	20.8	-	-	101769	230000	128231	2.26	110000	203500	93500	1.85

	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	*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													
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)			
					Demonstration	Check									

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

Demonstration details on crop hybrids

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
Cereals				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
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
	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.
	Banana	Only variety available in tissue cultured banana is Grand Naine that's need to be replaced with some other varieties also.
	Onion	Limited availability of kharif onion seeds.

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	20.07.23	2	48	Field days on jute in two locations
		26/09/23	1	23	Field visit on banana
2.	Farmers Training	08/06/23 & 09/06/23	1	30	Training on cultivation of kharif onion
3.	Media coverage				
4.	Training for extension functionaries				

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2023 and Rabi 2022-23:

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P

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													
Off0season vegetables	1	0	0	0	16	14	30	0	0	0	16	14	30
Nursery raising	1	0	0	0	10	20	30	0	0	0	10	20	30
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others	2	0	0	0	21	39	60	0	0	0	21	39	60
Total (a)	4	0	0	0	47	73	120	0	0	0	47	73	120
b) Fruits													
Training and Pruning													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards	1	0	0	0	18	12	30	0	0	0	18	12	30
Plant propagation techniques	1	0	0	0	7	23	30	0	0	0	7	23	30
Others													
Total (b)	2	0	0	0	25	35	60	0	0	0	25	35	60
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition													
Others													
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management													
Integrated water management													
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
others													
Total													
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	3	0	0	0	46	44	90	0	0	0	46	44	90
Integrated Disease Management	6	0	0	0	90	90	180	0	0	0	90	90	180
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total	9	0	0	0	136	134	270	0	0	0	136	134	270

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
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													
WTO and IPR issues													
Others													
Total													
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)	1	0	0	0	7	23	30	0	0	0	7	23	30
GRAND TOTAL	**16**	**0**	**0**	**0**	**215**	**265**	**480**	**0**	**0**	**0**	**215**	**265**	**480**

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	3	0	0	0	50	40	90	0	0	0	50	40	90
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	6	0	13	13	1	135	136	0	0	0	1	148	149
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	2	0	0	0	38	22	60	0	0	0	38	22	60

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Total	**13**	**0**	**13**	**13**	**124**	**222**	**346**	**0**	**0**	**0**	**124**	**235**	**359**

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	4	0	0	0	83	37	120	0	0	0	83	37	120
Cropping Systems	8	0	0	0	188	52	240	0	0	0	188	52	240
Crop Diversification													
Integrated Farming													
Micro irrigation/irrigation													
Seed production	1	0	0	0	17	13	30	0	0	0	17	13	30
Nursery management													
Integrated Crop Management													
Soil & water conservation													
Integrated nutrient Management													
Production of organic inputs	2	0	0	0	31	29	60	0	0	0	31	29	60
Others	1	0	0	0	18	12	30	0	0	0	18	12	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
Total	16	0	0	0	337	143	480	0	0	0	337	143	480
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	1	0	0	0	13	17	30	0	0	0	13	17	30
Off0season vegetables	1	0	0	0	13	17	30	0	0	0	13	17	30
Nursery raising	1	0	0	0	10	20	30	0	0	0	10	20	30
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others	2	0	0	0	43	17	60	0	0	0	43	17	60
Total (a)	**5**	**0**	**0**	**0**	**79**	**71**	**150**	**0**	**0**	**0**	**79**	**71**	**150**
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													

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 and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management	1	0	0	0	13	17	30	0	0	0	13	17	30
Integrated water management													
Integrated Nutrient Management	1	0	0	0	16	14	30	0	0	0	16	14	30
Production and use of organic inputs	1	0	0	0	11	19	30	0	0	0	11	19	30
Management of Problematic soils													
Micro nutrient deficiency in crops	2	0	0	0	40	20	60	0	0	0	40	20	60
Nutrient Use Efficiency	3	0	0	0	52	38	90	0	0	0	52	38	90
Balance Use of fertilizer													
Soil & water testing													
others	2	0	0	0	38	22	60	0	0	0	38	22	60
Total	10	0	0	0	170	130	300	0	0	0	170	130	300
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													

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
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	5	0	0	0	60	90	150	0	0	0	60	90	150
Integrated Disease Management	2	0	0	0	38	22	60	0	0	0	38	22	60
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others	1	0	0	0	13	17	30	0	0	0	13	17	30
Total	8	0	0	0	111	129	240	0	0	0	111	129	240
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	1	0	0	0	0	30	30	0	0	0	0	30	30
Bio-fertilizer production													
Vermi-compost production	3	0	0	0	46	44	90	0	0	0	46	44	90
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	4	0	0	0	46	74	120	0	0	0	46	74	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
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	**43**	**0**	**0**	**0**	**743**	**547**	**1290**	**0**	**0**	**0**	**743**	**547**	**1290**

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													
Value addition													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Sheep and goat 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	1	0	0	0	30	0	30	0	0	0	30	0	30
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Household food security													
Other													
Total	1	0	0	0	30	0	30	0	0	0	30	0	30

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	4	0	0	0	83	37	120	0	0	0	83	37	120
Cropping Systems	8	0	0	0	188	52	240	0	0	0	188	52	240
Crop Diversification													
Integrated Farming													
Micro irrigation/irrigation													
Seed production	1	0	0	0	17	13	30	0	0	0	17	13	30
Nursery management													
Integrated Crop Management													
Soil & water conservation													
Integrated nutrient Management													
Production of organic inputs	2	0	0	0	31	29	60	0	0	0	31	29	60
Others	1	0	0	0	18	12	30	0	0	0	18	12	30
Total	16	0	0	0	337	143	480	0	0	0	337	143	480
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	2	0	0	0	29	31	60	0	0	0	29	31	60
Off-season vegetables	1	0	0	0	13	17	30	0	0	0	13	17	30
Nursery raising	1	0	0	0	10	20	30	0	0	0	10	20	30
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation	1	0	0	0	10	20	30	0	0	0	10	20	30
Others	4	0	0	0	64	56	120	0	0	0	64	56	120
Total (a)	9	0	0	0	126	144	270	0	0	0	126	144	270
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	1	0	0	0	18	12	30	0	0	0	18	12	30
Plant propagation techniques	1	0	0	0	7	23	30	0	0	0	7	23	30
Others													
Total (b)	2	0	0	0	25	35	60	0	0	0	25	35	60
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition													
Others													
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management	1	0	0	0	13	17	30	0	0	0	13	17	30
Integrated water management													
Integrated Nutrient Management	1	0	0	0	16	14	30	0	0	0	16	14	30
Production and use of organic inputs	1	0	0	0	11	19	30	0	0	0	11	19	30
Management of Problematic soils													
Micro nutrient deficiency in crops	2	0	0	0	40	20	60	0	0	0	40	20	60
Nutrient Use Efficiency	3	0	0	0	52	38	90	0	0	0	52	38	90
Balance Use of fertilizer													
Soil & water testing													
others	2	0	0	0	38	22	60	0	0	0	38	22	60
Total	**10**	**0**	**0**	**0**	**170**	**130**	**300**	**0**	**0**	**0**	**170**	**130**	**300**
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Total													
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	8	0	0	0	106	134	240	0	0	0	106	134	240
Integrated Disease Management	8	0	0	0	128	112	240	0	0	0	128	112	240
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others	1	0	0	0	13	17	30	0	0	0	13	17	30
Total	17	0	0	0	247	263	510	0	0	0	247	263	510
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													

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
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	1	0	0	0	0	30	30	0	0	0	0	30	30
Bio-fertilizer production													
Vermi-compost production	3	0	0	0	46	44	90	0	0	0	46	44	90
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	4	0	0	0	46	74	120	0	0	0	46	74	120
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)	1	0	0	0	7	23	30	0	0	0	7	23	30
GRAND TOTAL	**59**	**0**	**0**	**0**	**958**	**812**	**1770**	**0**	**0**	**0**	**958**	**812**	**1770**

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	3	0	0	0	50	40	90	0	0	0	50	40	90
Training and pruning of orchards	2	0	0	0	35	25	60	0	0	0	35	25	60
Protected cultivation of vegetable crops													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
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													
Value addition													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts	6	0	13	13	1	135	136	0	0	0	1	148	149
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	2	0	0	0	38	22	60	0	0	0	38	22	60
Total	**13**	**0**	**13**	**13**	**124**	**222**	**346**	**0**	**0**	**0**	**124**	**235**	**359**

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	1	0	0	0	30	0	30	0	0	0	30	0	30
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	1	0	0	0	30	0	30	0	0	0	30	0	30

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 handicraft	7	On	0	20	20	0	20	20
Agriculture	PF	Soil health management on jute based cropping system	2	Off	13	17	30	13	17	30
Agriculture	PF	Production of vermicompost	1	Off	0	30	30	0	30	30
Agriculture	PF	Improved production technology of crops in jute-rice-pulse cropping system	1	Off	27	3	30	27	3	30
Agriculture	EF	Awareness cum Training cum awareness on climate change and its effect on agriculture	1	Off	30	0	30	30	0	30
Agriculture	PF	Awareness cum training on Role of macro and	2	Off	16	14	30	16	14	30

		micronutrient in soil and crop health in jute based cropping system								
Agriculture	PF	Rice cultivation through SRI in jute based cropping system	1	Off	27	3	30	27	3	30
Agriculture	PF	Improved production technology of jute in jute based cropping system	1	Off	20	10	30	20	10	30
Agriculture	PF	Improved production technology of jute in jute based cropping system	1	Off	15	15	30	15	15	30
Agriculture	PF	Sustainable crop production through Conservation agriculture in jute based cropping system	3	Off	18	12	30	18	12	30
Agriculture	PF	Sustainable crop production through conservation agriculture in jute based cropping system (EF)	3	Off	21	9	30	21	9	30
Agriculture	PF	Composting and different types of compost preparation	3	Off	20	10	30	20	10	30
Agriculture	RY	making of jute handicrafts	15	On	1	29	30	1	29	30
Agriculture	PF	Improved methodology of jute cultivation	3	Off	22	8	30	22	8	30
Agriculture	PF	Improved methodology of jute cultivation	3	Off	24	6	30	24	6	30
Agriculture	PF	Role of macro and micronutrients in jute based cropping system	3	Off	23	7	30	23	7	30
Agriculture	PF	Role of macro and micronutrients in jute based cropping system	3	Off	17	13	30	17	13	30
Agriculture	PF	Rice cultivation through SRI in Jute-Rice cropping system	3	Off	30	0	30	30	0	30
Agriculture	PF	Improved production technology of millet in jute-millet cropping system	3	Off	30	0	30	30	0	30
Agriculture	PF	Improved production technology of millet	3	Off	30	0	30	30	0	30

		in jute-millet cropping system								
Agriculture	RY	Making of jute handicrafts	21	On	0	33	33	0	20	20
Agriculture	PF	Organic farming and zero budget natural farming in jute based cropping system	3	Off	22	8	30	22	8	30
Agriculture	PF	Organic farming and zero budget natural farming in jute based cropping system	3	Off	9	21	30	9	21	30
Agriculture	PF	Role of nutrient vis-à-vis crop production in jute based cropping system	3	Off	16	14	30	16	14	30
Agriculture	PF	Role of micro and macro nutrients in soil and crop health in jute based cropping system	3	Off	24	6	30	24	6	30
Agriculture	PF	Vermicompost production at farmers level	3	Off	16	14	30	16	14	30
Agriculture	PF	Vermicompost production at farmers level	3	Off	30	0	30	30	0	30
Agriculture	PF	Need for soil testing and soi test based fertilizer application vis-à-vis jute based farming systems	3	Off	18	12	30	18	12	30
Agriculture	PF	Organic farming and natural farming in jute based cropping system	3	Off	11	19	30	11	19	30
Agriculture	PF	Role of macro and micronutrient in soil and crop health in jute based cropping system	3	Off	12	18	30	12	18	30
Agriculture	PF	Improved production technology of millets in jute – Millet cropping system	3	Off	20	10	30	20	10	30
Agriculture	PF	Seed production of different field crops in jute based cropping system	3	Off	17	13	30	17	13	30
Agriculture	PF	Rice cultivation through SRI in jute-rice cropping system	3	Off	5	25	30	5	25	30
Agriculture	RY	Making of jute handicrafts	15	On	0	22	22	0	22	22
Horticulture	PF	Improved production	2	On	14	16	30	14	16	30

		technology of potato in jute based cropping system								
Horticulture	PF	Seed production of Vegetable crops in jute based cropping system	2	Off	19	11	30	19	11	30
Horticulture	RY	Making of jute handicrafts	7	On	0	20	20	0	20	20
Horticulture	PF	Role of plant nutrients, deficiency symptoms and remedies in horticultural crops in jute based cropping system	2	On	16	14	30	16	14	30
Horticulture	PF	Role of plant nutrients and deficiency symptoms in horticultural crops	2	Off	13	17	30	13	17	30
Horticulture	PF	Improved production technology of kharif onion in jute based cropping system	2	Off	13	17	30	13	17	30
Horticulture	PF	Bio-pesticides and its role in zero budget natural farming in jute based cropping system	2	Off	0	30	30	0	30	30
Horticulture	PF	Micro irrigation technology in jute based cropping system	3	On	18	12	30	18	12	30
Horticulture	PF	Plant propagation techniques of sub-tropical fruit crops	3	On	7	23	30	7	23	30
Horticulture	PF	Bio-pesticides and its role in organic farming and zero budget natural farming in jute based cropping system	3	On	7	23	30	7	23	30
Horticulture	PF	Improved production technology of potato in jute based cropping system	3	Off	24	6	30	24	6	30
Horticulture	RY	Preparation of Jute Handicrafts	7	On	0	24	24	0	24	24
Horticulture	PF	Cultivation techniques of solanaceous vegetable in jute based cropping system	3	Off	10	20	30	10	20	30
Horticulture	PF	Nursery management of	3	On	10	20	30	10	20	30

		vegetable crops in jute based cropping system								
Protection	PF	Disease management in Cole crops	1	On	10	20	30	10	20	30
Protection	PF	Disease management in Cole crops	1	On	13	17	30	13	17	30
Protection	PF	Disease management in Cole crops	1	On	11	19	30	11	19	30
Protection	PF	Disease management in Mustard	1	Off	24	6	30	24	6	30
Protection	PF	Integrated pest management in cucurbitaceous crop in jute based cropping system	3	On	12	18	30	12	18	30
Protection	PF	Integrated pest management in solanaceous crop in jute based cropping system	2	On	12	18	30	12	18	30
Protection	PF	Integrated pest management in solanaceous crop in jute based cropping system	2	Off	18	12	30	18	12	30
Protection	PF	Integrated pest management in oil seed crop crop in jute based cropping system	3	Off	17	13	30	17	13	30
Protection	PF	Seed treatment in Rice	3	Off	13	17	30	13	17	30
Protection	PF	Integrated Disease Management (IDM) in Rice in Integrated Farming System	3	On	18	12	30	18	12	30
Protection	PF	Disease management in Brinjal	3	On	20	10	30	20	10	30
Protection	PF	Integrated Pest Management in Aman paddy in Integrated Farming System	3	On	22	8	30	22	8	30
Protection	PF	Integrated Pest Management in Aman paddy in Integrated Farming System	3	Off	13	17	30	13	17	30
Protection	PF	Disease management in Mustard in Integrated Farming System	3	Off	14	16	30	14	16	30
Protection	PF	Disease management in Cole	3	On	18	12	30	18	12	30

		crops in Integrated Farming System								
Protection	PF	Insect pest management in solanaceous crop in jute based cropping system.	3	Off	3	27	30	3	27	30
Protection	PF	Insect pest management in oil seed crop in jute based cropping system.	3	Off	9	21	30	9	21	30
Protection	RY	Bee-keeping for better pollination and alternative livelihood	3	On	16	14	30	16	14	30
Protection	RY	Improved Production Technology of Oyster mushroom	3	On	11	19	30	11	19	30
Protection	RY	Improved Production Technology of Oyster mushroom	3	On	18	12	30	18	12	30
Protection	RY	Bee-keeping for better pollination and alternative livelihood	3	On	19	11	30	19	11	30
Protection	RY	Improved Production Technology of Oyster mushroom	3	On	21	9	30	21	9	30
Agromet	PF	Farmers' Awareness Programme cum training programme on the "Ill effects of stubble burning and possible ways for mitigation and Popularization of MAUSAM and DAMINI application among farming community	3	On	7	23	30	7	23	30
Others	RY	Role ICT in Modern Agriculture	3	On	18	12	30	18	12	30
Others	RY	Role ICT in Modern Agriculture	3	On	20	10	30	20	10	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 handic rafts	Making of jute handic raft	Making of jute handic raft	7	0	20	20				
Jute handic rafts	Making of jute handic raft	Making of jute handic raft	7	0	20	20				
Jute handic rafts	Making of jute handic raft	Making of jute handic raft	15	1	29	30				
Jute handic rafts	Making of jute handic raft	Making of jute handic raft	21	0	33	33				
Jute handic rafts	Making of jute handic raft	Making of jute handic raft	15	0	22	22				
Jute handic rafts	Making of jute handic raft	Making of jute handic raft	7	0	24	24				

*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	72	0	13	13	1	135	136	0	0	0	1	148	149
Seed production													
Sericulture													
Mushroom cultivation													
Nursery, grafting etc.													
Tailoring, stitching, embroidery, dying etc.													
Agril. Para-workers, para-vet training													
Other													
Total													
Agricultural Extension													
Capacity building and group dynamics													
Other													
Total													
Grand Total													

I) Sponsored Training Programmes

a) Details of Sponsored Training Programme

Sl.No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of participants	Sponsoring Agency
					PF/RY/EF			

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													

Good quality photographs of training activity:

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

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	2	45	0	45	100	1	0	1	46	0	46
Kisan Mela											
Kisan Ghosthi											
Exhibition											
Film Show	10	200	100	300	100	0	0	0	200	100	300
Method Demonstrations	2	67	8	75	100	1	0	1	68	8	76
Farmers Seminar											
Workshop											
Group meetings											
Lectures delivered as resource persons											
Advisory Services	125	136547	56107	192654	30	0	0	0	136547	56107	192654

Scientific visit to farmers field	44	1218	203	1421	58				1218	203	1421
Farmers visit to KVK											
Diagnostic visits											
Exposure visits	2	100	50	150	30	0	0	0	100	50	150
Ex-trainees Sammelan											
Soil health Camp	3	78	12	90					78	12	90
Animal Health Camp											
Agri mobile clinic											
Soil test campaigns	1	34	6	40					34	6	40
Farm Science Club Conveners meet											
Self Help Group Conveners meetings											
Mahila Mandals Conveners meetings											
Celebration of important days (specify)	10	400	100	500	100	0	0	0	400	100	500
Sankalp Se Siddhi											
Swatchta Hi Sewa	2	175	75	250	70	0	0	0	175	75	250
Mahila Kisan Divas											
Any Other (Specify)	2	100	0	1000	30	0	0	0	100	0	100
Total	**203**	**138964**	**56661**	**1956625**		**2**	**0**	**2**	**138966**	**56661**	**195627**

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	6
Radio talks	
TV talks	
Popular articles	1
Extension Literature	20
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
Okra	Kashi Kranti	0.3	15000.00	0	0	0	0	0	0	0	0
Turmeric	Suguna	0.14	2025.00	5	0	0	0	7	0	12	0
Paddy	CR-800	82	526500								
Paddy	MTU-7029	61.75	268875								
Grand Total		144.19	812400	5	0	0	0	7	0	12	0

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											
Chilli											
Onion											
Others											
Fruits											

Mango	Langra, Himsagar, Mallika, Amrapalli	800	80000.00	0	50	0	0	0	0	0	50
Guava	Baruipur	200	10000.00	0	20	0	0	0	0	0	20
Lime	Madrasi Pati Nimbu	200	10000.00	0	20	0	0	0	0	0	20
Papaya											
Banana											
Dragon fruit	Red Fleshed	170	1700.00	5	10	0	0	5	5	10	15
Ornamental plants											
Medicinal and Aromatic											
Plantation											
Spices											
Turmeric	Turmeric	0.14 q	2025.00	5	0	0	0	7	0	12	0
Tuber											
Elephant yams											
Fodder crop saplings											
Forest Species											
Others,											
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	943	14145.00								
Bio-pesticide										
Bio-fungicide										
Bio-agents										
Others, please specify. (vermiworm)	6500 pc	3250.00								
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											
Other, please specify											
Poultry											
Broilers											
Layers											
Duals (broiler and layer)											
Japanese Quail											
Turkey											
Emu											
Ducks	Khaki campbell	22	5060.00								
Others (Pl. specify)	Kadaknath	4	1880.00								
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	0	697737/-	1043490/-	
2021-22	0	869808/-	1100000/-	
2022-23	0	793015/-	2177524/-	
2023-24	0	945726	1926713	

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	'Susanghata Upaye Dhaner Rog Niyantran' – Published in **Bardhaman Jyoti** (Published in 3 parts on - **04.09.2023, 11.09.2023 and 18.09.2023).**	Garai S, Saha S. K, Rahman SMA, Satpathy S and Kar G.		
Book Chapter				
Extension Pamphlets/ literature	'Seed treatment (Rice and other seeds)'.	Garai S, Rahman SMA, Satpathy S and Kar G.	100	
	'Disease management in Brinjal'.	Garai S, Rahman SMA, Satpathy S and Kar G.	100	
Technical reports				
Training Manuals	'Integrated Disease Management in Rice'.	Garai S, Rahman SMA, Satpathy S and Kar G.	100	

	'Improved Cultivation of Oyster Mushroom'.	Garai S, Rahman SMA, Behera M. S, Satpathy S, Mandal K and Kar G.	100	
	'Major Pests of Cole Crops and its Management'.	Garai S, Rahman SMA, Pramanik S, Satpathy S and Kar G.	100	
	Role of macro and micronutrient in soil and crop health in jute based ***cropping system***	Ghorai D, Rahman SMA, Satpathy S and Kar G.	100	
	Production technology of millet	Ghorai D, Rahman SMA, Satpathy S and Kar G.	100	
	Integrated Disease Management (IDM) in Rice	Garai S., Rahman SMA, Satpathy S and Kar G.	100	
	Role of ICT in Modern Agriculture	Rasul G., Sarkar S., Kundu SS., Rahman SMA, Satpathy S and Kar G.	100	
	Improved Cultivation Techniques of Potato in Jute Based Cropping System	Sarkar S., Kundu SS., Rahman SMA, Satpathy S and Kar G.	100	
	Major Pests of Cole Crops and its Management	Kundu SS., Sarkar S., Rahman SMA, Satpathy S and Kar G.	100	
	Improved production technology of jute in jute based cropping system	Ghorai D, Rahman SMA, Satpathy S and Kar G.	100	
	Improved cultivation of oyster mushroom	Garai S., Rahman SMA, Satpathy S and Kar G.	100	
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.					
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	74	74	223	6	--

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	37	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
1	1	3200 fruit saplings	60	5

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

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
Cultivation of kharif onion	Farmers in this region were usually engaged in cultivation of paddy in kharif season which provided on an average profit of Rs. 28000/- to 35000/- per ha. Where as onion in kharif season transported from outsides of the states leading to very high market price. Agrifound Dark Red a variety suitable for kharif season was introduced through demonstration in kharif season for the last few years, starting from 2017-18. It showed encouraging result in terms of profit for the farmers and as a result the technology has spreaded to 4 blocks of the district, namely Kalna I & II, Purbasthali I & II, along with different pockets of other blocks like Kaksa, Ausgram, Galsi I and Galsi II.

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.

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

DIPLOMA IN AGRICULTURAL EXTENSION SERVICE FOR INPUT DEALERS (DAESI), 3RD BATCH

In Purba and Paschim Bardhaman there are about 2500 practicing agri-input dealers, who are the prime source of farm information to the farming community. The first contact point for majority of farmers is the agri-input dealer. While purchasing different inputs required for farming operations, the farmer naturally tries to find out from the input dealer about the usage of inputs, both in terms of quality and quantity. However, most of these input dealers do not have formal agricultural education. With the objective of shaping these input dealers as para-extension professionals by providing requisite knowledge, one self-financed diploma course of 40 input dealers was outlined and approved by MANAGE, Hyderabad and KVK, Burdwan as NTI (Nodal Training Institute) was conducting the course since August, 2018 (1st batch).
The 3rd batch of DAESI class was started on 31st March, 2022. Total 18 numbers of classes, two (02) exposure visit and Two (02) examinations were conducted during the period under reporting.

Sl. No.	Clientele (PF, RY,EF)	No. of classes conducted	No of exposure visits	No of examinations
1	Input Dealers	18	2	2

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
SAMETI, Narendrapur, ATMA Purba Bardhaman	DAESI course
State Agricultural Management Extension Training Institute, Narendrapur	DAESI programme
WBCADC, Patilpara, Kalna	Procurement of Poultry chicks for KVK demonstration units
WBCADC KVK, Sonamukhi town, Bankura	Procurement of Poultry chicks for KVK demonstration units

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

a) Programmes for infrastructure development

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

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

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

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	Awareness for green fodder production towards better animal health and milk production.	12.07.2023	**Regional Fodder Station, Kalyani** under M/o Fisheries, A.H & Dairying, GOI.	Fodder seeds of 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.	Orchard	2009	10000	Mango, Guava, Citrus	Fruits	**	10000	**	** Orchard is under lease of Rs.56000.00
2.	Dragon fruit	2021	200	Red Fleshed	Fruits	64 kgs	2000.00	8300.00	
3.	Banana	2022	500	Grand Naine	Fruits	50 nos	2500.00	9000.00	
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	

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:06

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
Programme Cordinator CRIJAF UNIT KVK	State Bank Of India	Mankar IFSC-SBIN0011378	30466431682

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 2023-24 (Not audited)

Sl. No.	Particulars	Sanctioned (Rs in lakh)	Released (Rs in lakh) December 2023	Expenditure (Rs in lakh) December 2023
A. Recurring Contingencies				
1	Pay & Allowances	176.00	153.25	141.00
2	Traveling allowances	1.50	1.50	0.60
3	HRD	0.30	0.30	0.00
3	Contingencies			
A	Stationary, telephone, postage and other expenditure on office running, etc			
B	POL, repair of vehicles, tractor and equipments	4.80	2.00	4.80
C	Meals/refreshment for trainees (@Rs75/day/trainee for residential and @ Rs 40/day/trainee for non-residential training)			
D	Training material(need based materials & equipment for conducting the training)	3.60	1.50	1.95
E	FLD	1.80	0.75	0.75
F	OFT	1.80	0.75	0.50
G	IFS			
H	Training of extension functionaries			
I	Extension activities			
J	Farmers Field School			
K	EDP/Innovative activities			
L	Soil & Water testing & Issue of Soil Health Cards			
M	Display board			
N	Maintenance of building			
O	SCSP	22.00	22.00	22.00
TOTAL (A)				
B. Non-Recurring Contingencies				
1	Equipment & furniture	0.00	0.00	0.00
2	Works	0.00	0.00	0.00
3				
4	Library	0.10	0.10	0.00
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				
Swachhta Expenditure		0.30	30.00	0.00

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)
2019-20	Rs.158539.00	Rs. 1282977.00	Rs.610154.00	Rs. 831362+ 900000 (Kind)
2020-21	Rs 831362.00	Rs. 909865.00	Rs. 697737.00	Rs. 1043490+900000(Kind)
2021-22	Rs. 1043490.00	Rs. 1658621.00	Rs. 869808.00	Rs. 1100000+900000(Kind)
2022-23	Rs. 1832303.00	Rs. 981542.00	Rs. 800000.00	Rs. 2000000+ 900000(kind)
2023-24 (Dec 2023)	Rs.2177524.00	Rs. 694195.00	Rs.945726.00	Rs.1926713+900000(kind)

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		
Livestock		
Fishery		
Weather	125	7484418
Marketing		
Awareness		
Training information		
Other		
Total	**125**	**7484418**

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	33594
2.	No. of farmers registered in the portal	26547
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	15000
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.			
2.			
3.			

9.14. Resource Generation:

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

9.15. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning

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 2023

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

Name of KVK							
Sl.No.	***Item/Activity***		***Units***	***Targets/Achievements***		***No. of Beneficiaries***	
				Annual Targets	***Achievements***	***Annual Targets***	***Achievements***
1	**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 2023-24 (Rs. In lakh):

12. Details of DAPSC/ SCSP

a. Achievements of physical output under SCSP during 2023

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

Name of KVK							
Sl.No.	***Item/Activity***		***Units***	***Targets/Achievements***		***No. of Beneficiaries***	
				Annual Targets	***Achievements***	***Annual Targets***	***Achievements***
1	**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 2023-24 (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

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. Technologies for Doubling Farmers' Income

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

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

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

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

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

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

Name of the Job role	Name of the certified Trainer of KVK for the Job role	Date of start of training	Date of completion of training	No. of participants						Whether uploaded to SIP Portal (Y/N)	Fund utilized for the training (Rs.)
				SC		ST		Other			
				M	F	M	F	M	F		

(Please provide good quality photographs)

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

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

22. Information on NARI Project (if applicable)

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

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

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

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

Trainees visiting Vermicompost unit of KVK

Technology Day Celebration

Swachhta Pakhwada

Webcasting of PM Kisan Sammelan

Paddy Seed Distribution under Institute SCSP Fund

Fruit Saplings and Turmeric Rhizom Distribution to SC Farmers

OFT on weed management of onion

FLD on tomato (Arka Samrat)

FLD on nutrient management of cauliflower

FLD on cultivation of TCB

Exposure visit of DAESI trainees from ATC Burdwan

World Environment Day Celebration