

ANNUAL REPORT 2023 (January-December 2023)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
Jhargram Krishi Vigyan Kendra Bidhan Chandra Krishi Vidyalaya Kadamkanan, P.O & Distt.: Jhargram West Bengal – 721507	8617071610		jhargramkvk@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
Bidhan Chandra Krishi Vidyalaya P.O. Krishi Viswavidyalaya, Mohanpur, Dist- Nadia, West Bengal, India, Pin-741252	(03473)- 222269		bckvvc@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr.Asim Kumar Maiti	8617071610	8617071610	jhargramkvk@gmail.com

1.4. Year of sanction of KVK: 17.03.2021 (F.No.A.Extn. 09/01/2019-AE-I)

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

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/OBC/Others)
1	Senior Scientist& Head	Dr. Asim Kumar Maiti	Senior Scientist& Head	Plant Protection	Level 13A (Rs 1,31,400-2,17,100/-), Basic- Rs. 1,61,600/-	02.07.2012	Permanent	General
2	Subject Matter Specialist	Dr. Srabani Das	Subject Matter Specialist	Horticulture	Level 10 (Rs. 56,100-1,77,500/-) Basic- Rs. 67,000/-	22.10.2016	Permanent	General
3	Subject Matter Specialist	Dr. Milan Kanti Kundu	Subject Matter Specialist	Agronomy	Level 10 (Rs. 56,100-1,77,500/-) Basic- Rs. 65,000/-	22.06.2018	Permanent	General
4	Subject Matter Specialist	Mr. Sayak Das	Subject Matter Specialist	Soil Science	Level 10 (Rs. 56,100-1,77,500/-) Basic- Rs. 61,300/-	16.09.2019	Permanent	General
5	Subject Matter Specialist							
6	Subject Matter Specialist							
7	Subject Matter Specialist							
8	Programme Assistant	Dr. Tonmoy Sengupta	Programme Assistant	Lab. Tech.	Level 6 (Rs. 35,400-1,12,400/-) Basic- Rs. 42,300/-	27.10.2016	Permanent	General
9	Computer Programmer	Mr. Susanta Kumar Nayak	Programme Assistant	Computer	Level 6 (Rs. 35,400-1,12,400/-) Basic- Rs. 47,600/-	02.07.2012	Permanent	General
10	Farm Manager							
11	Accountant / Superintendent	Mr. Somnath Sarkar	Assistant		Level 6 (Rs. 35,400-1,12,400/-) Basic- Rs. 39,900/-	09.03.2017	Permanent	General
12	Stenographer	Mr. Partha Pratim Chakraborty	Stenographer		Level 4 (Rs. 25,500-81,100/-) Basic- Rs. 42,200/-	30.08.2006	Permanent	General
13.	Driver	Mr. Manoj Pal	Driver		Level 3 (Rs. 21,700-69,100/-) Basic- Rs. 26,800/-	18.04.2011	Permanent	OBC
14.	Driver	Mr. Chandra Sekhar Mandi	Driver		Level 3 (Rs. 21,700-69,100/-) Basic- Rs. 26,800/-	18.04.2011	Permanent	ST
15.	Supporting staff	Mr. Sundar Hansda	Supporting staff		Level 1 (Rs. 18,000-56,900/-) Basic- Rs. 22,100/-	16.02.2015	Permanent	ST
16.	Supporting staff							

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1.	Under Buildings	
2.	Under Demonstration Units	
3.	Under Crops	
4.	Orchard/Agro-forestry	
5.	Others with details	
	Total	34.44

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					Under construction	300		ICAR
2.	Farmers Hostel								
3.	Staff Quarters (6)								
4.	Piggery unit								
5.	Fencing								
6.	Rain Water harvesting structure								
7.	Threshing floor								
8.	Farm godown								
9.	Dairy unit								
10.	Poultry unit								
11.	Goatary unit								
12.	Mushroom Lab								
13.	Mushroom production unit								
14.	Shade house								
15.	Soil test Lab								
16.	Others, Please Specify								

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

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.	15.02.2024	24	Agricultural technological intervention- viz. lemon grass, lac cultivation on - Ber, palas, semialata be initiated, bitter gourd, bee keeping, naga chilly etc.be emphasized on agro forestry basis considering the threat of animal specially elephant.	<ul style="list-style-type: none"> • Training provided to the rural youth on Bee Keeping. • Training and FLD was conducted on cultivation of Bittergourd and Chilli. 	
2.			The proposed OFT & FLDs be streamlined as per advised by the house in relation to agro climatic situation of the district.	<ul style="list-style-type: none"> • FLD as well as OFT was designed in relation to agro climatic situation of the district and as per advised by the last SAC meeting. 	
3.			Popularization of liquid and nano fertilizer, millets, water melon, jasmine, gladiolus, tuberose	<ul style="list-style-type: none"> • Orientation and motivational training program has been conducted on liquid and nano fertilizer, millets, water melon, jasmine, gladiolus, tuberose. • Front Line Demonstration was conducted on Gladiolus, Kodo Millet • OFT was conducted on water melon and tuberose. 	
4.			Popularization of marigold cultivation (Bidhan gold/BidhanBasanti).	<ul style="list-style-type: none"> • Front Line Demonstration was conducted on Marigold 	
5.			Promotion and popularization of Natural/ Organic farming as well as IPM and INM measures.	<ul style="list-style-type: none"> • Several Training and awareness programme were conducted. • Demo plots were prepared on Farmers field. • FLDs were conducted. 	
6.			Latest variety of IIHR recommended vegetables varieties be popularized. The sericulture program be articulated through Mudra Loan for vermicomposting too.	<ul style="list-style-type: none"> • Vermicompost poly pit provided to the farmers 	Desired vegetable seed varieties were not available from IIHR.
7.			Soil testing be ensured in KVK Capacity building training program be conducted regularly for women self help group.	<ul style="list-style-type: none"> • Capacity building training program conducted on regular basis for women self help group & purchasing of soil testing chemicals are in the tender process. 	

8.			Front Line Demonstration on Sunflower, Millets and Dragon fruits be popularized.	<ul style="list-style-type: none"> • FLD conducted on Kodo millets & dragon fruit. 	
9.			The need of livestock development infrastructure viz. instructional farm on goatery, duckery, piggery, poultry and cattle farming be initialized.		Fund is not available for the purpose.
10.			Specific program envisaged under Natural Farming, CFLD and other flagship program be conducted in collegiate mode of operation by multi-disciplinary team of KVK.	<ul style="list-style-type: none"> • KVK conducting all these activities in collegiate mode of operation by multi-disciplinary team of KVK. 	
11.			The Senior Scientist & Head of Jhargram KVK raised the issue of vacant position of Jhargram KVK.F Further, he informed to the house that the allocated KVK's farm land are in scattered position and unfenced, in this respect the house suggested that the appropriate authority be looked into the matter and necessary step may be taken. Besides, the emphasis was given to construct farmers hostel, farm infrastructure and farm approach Road.	<ul style="list-style-type: none"> • Vacant posts are not filled till to date. • Vetted plan & estimate of boundary wall is submitted to the ATARI, Kolkata. 	

** Salient recommendation of SAC in bullet form*

Attach a copy of SAC proceedings along with list of participants

Jhargram Krishi Vigyan Kendra
Bidhan Chandra Krishi Vishwavidyalaya
 Kadamkanan, P.O & Distt.: Jhargram
 West Bengal – 721507

PROCEEDING OF THE 2ND SCIENTIFIC ADVISORY COMMITTEE (SAC) MEETING
JHARGRAM KVK

VENUE – JHARGRAM KVK, RRS – BCKV, JHARGRAM

DATE - FEBRUARY 15, 2023

Members Present:

1. Dr. Umesh Thapa, Director of Extension Education, BCKV (Online)
2. Dr. Avijit Halder, Representative, ICAR-ATARI, Kolkata (Online)
3. Dr. B. N. Ghosh, Representative, ICAR-NBSS&LUP, Kolkata
4. Dr. Asim Kumar Maiti, Senior Scientist & Head, Jhargram KVK
5. Dr. Subhendu Jash, Representative, RRS Jhargram, BCKV
6. Dr. S. Chakraborty, ADF& CEO, Jhargram
7. Dr. Chanchal Datta, AD. ARD, Jhargram
8. Mr. Akash Sharma, DDM, NABARD, Jhargram (Online)
9. Mr. Ranjit Kumar Dutta, LDM, Jhargram
10. Mr. S. K. Bandyopadhyay, DDA (Admin.), Jhargram
11. Mr. Susanta Pal, JE (Civil)
12. Mr. Subodh Chandra Ghosh, JE (Civil)
13. Mr. Biswajit Ganguly, Manager, DIC, Jhargram
14. Mr. Sarjen Hansda, Chhandpara, Farmers Representative, Sidsare FC, Jhargram
15. Mr. Sandip Ghosh, Bansajuri, Farmers Representative, FC, Jhargram
16. Mr. Balaram Panja, ADFO, Jhargram
17. Mr. Anjan Das, ADH, Jhargram
18. Madhumita Sing, Women Farmers Representative, Bhadrupal, Jhargram
19. Dr. Satyaendra Nath Singh, SMS (Agril. Engg.), Jhargram KVK
20. Dr. Srabani Das, SMS (Horticulture), Jhargram KVK
21. Dr. Milan Kanti Kundu, SMS (Agronomy), Jhargram KVK
22. Dr. Tonmoy Sengupta, PA (Lab. Technician), Jhargram KVK
23. Mr. Susanta Kumar Nayak, PA (Computer), Jhargram KVK
24. Mr. Somnath Sarkar, Assistant, Jhargram KVK

Agenda:

1. Read and conformation of last proceeding of the SAC meeting
2. Presentation of Annual Progress Report 2022
3. Approval of Action Plan 2023
4. Miscellaneous with kind approval of the Chairman

Proceeding:

Dr. Umesh Thapa, Director of Extension Education, BCKV, on behalf of the Chairman of the SAC, Jhargram KVK presided over the meeting (Online). He welcomes all the members of the SAC meeting for attending the same and invites their active participation with fruitful suggestions.

Dr. Avijit Halder, Representative, ICAR-ATARI, Kolkata (Online) explained about the ICAR mandates, importance of the SAC and mode of convergence of different programmes with distt. line departments to strengthen the KVK activities throughout the districts. He informed the house that nearly 1.43 crores have


been sanctioned for creation of New Administrative Building of this KVK. Thrust area be mentioned specific in relation to agro-climatic scenario and ongoing national flagship program to be entertained. He requested all the line departments to harness the KVK as a resource centre of the district for real cause of the concern.


With permission to the Chairman, Dr. Asim Kumar Maiti, Senior Scientist & Head, Jhargram KVK & Member Secretary of the SAC meeting read the proceeding of the last SAC meeting and confirmed by the house. Afterwards he presented the progress report of this KVK from January to December 2022 and the outcome was discussed by the house and appreciated by the house with specific feedback too. Further, the Action Plan for the period from January to December 2023 was presented before the house and the following salient recommendations by the house were resolved.

- A. The Action Plan be chalked out as per need assessed by village agro-eco system analysis in accordance to thrust area in envisaged.
- B. Agricultural technological intervention- viz. lemon grass, lac cultivation on - Ber, palas, semialata be initiated, bitter gourd, bee keeping, naga chilly etc. be emphasized on agro forestry basis considering the threat of animal specially elephant.
- C. The proposed OFT & FLDs be streamlined as per advised by the house in relation to agro climatic situation of the district.
- D. Popularization of liquid and nano fertilizer, millets, water melon, naga chilly, jasmine, gladiolus, tuberos.
- E. Emphasis on reduction of use of chemicals (Pesticides & fertilizers).
- F. Promotion and popularization of Natural/ Organic farming as well as IPM and INM measures.
- G. Popularization of marigold cultivation (Bidhan gold/Bidhan Basanti).
- H. Latest variety of IIHR recommended vegetables varieties be popularized. The sericulture program be articulated through Mudra Loan for vermicomposting too.
- I. Soil testing be ensured in KVK. Capacity building training program be conducted regularly for women self help group.
- J. Front Line Demonstration on Sunflower, Millets and Dragon fruits be popularized.
- K. The need of livestock development infrastructure viz. instructional farm on goatery, duckery, piggery, poultry and cattle farming be initialized.
- L. Specific program envisaged under Natural Farming, CFLD and other flagship program be conducted in collegiate mode of operation by multi-disciplinary team of KVK.
- M. The Senior Scientist & Head of Jhargram KVK raised the issue of vacant position of Jhargram KVK. Further, he informed to the house that the allocated KVK's farm land are in scattered position and unfenced, in this respect the house suggested that the appropriate authority be looked into the matter and necessary step may be taken. Besides, the emphasis was given to construct farmers hostel, farm infrastructure and farm approach Road.

Jhargram KVK being in its initial stage and located far away from the host organizations head quarter, faces problems to mobilize fund in due time. The house is proposed about the need of recoupment advance for smooth functioning of the KVK's day to day activities.

Lastly the meeting was ended with Vote-of-Thanks to the Chair.


(Dr. Umesh Thapa)
 Chairman, SAC Meeting
 Director of Extension Education
 BCKV
 Director
 Directorate of Extension Education
 Bidhan Chandra Krishi Viswavidyalaya
 Mohanpur, Nadia, West Bengal


(Dr. Asim Kumar Maiti)
 Member-Secretary, SAC Meeting
 Senior Scientist & Head
 Jhargram KVK, BCKV
 Senior Scientist & Head
 Jhargram K V K
 BCKV ★ ICAR

2.a. District level data on agriculture, livestock and farming situation (2023)

Sl. No.	Item	Information
1	Major Farming system/enterprise	Rain-fed rice-based production system
2	Agro-climatic Zone	
I.	Red and Lateritic Zone Blocks: (Binpur- I, & II, Jamboni, Jhargram , Gopiballavpur-I&II, Sankrail, Nayagram)	The average rainfall of zone is 1200 mm (+ 236.14mm SD), 80% of rain fall received during (June-Sep) and temperature varies from 15-44 ⁰ C in peak winter and summer. There are two major group of soil viz, red and lateritic are found in this zone. The soil varies in depth and in cases shallow in nature. Due to undulating terrine the soil are highly eroded in nature. The soil fertility levels very poor with low N, P and K as well as organic content. The soils are coarse in texture, poor water retention capacity, and erosion prone and PH varies from 4.8-6.6.The rolling plane merged in to flat alluvial and delted plane to east and southeast of the district. The land is highest near Silda (130 mt. Above MSL).
3	Agro ecological situation	
I.	Rain-fed	The average rainfall of zone is 1200 mm (+ 236.14mm SD), 80% of rain fall received during (June-Sep) and temperature varies from 15-44 ⁰ C in peak winter and summer. The 50% of the area is drought prone, 63% of the net cultivable area has been brought under irrigated Cropping pattern: i Rice-Potato-Sesamum ii. Rice-mustard-Vegetable/Moong iii. Rice-Rice-fallow iv. Rice-groundnut-fallow v. Matstick /Betelvine/flowers (perennial) vi. Rice-red gram/black gram-fallow vii. Rice-vegetable-vegetable
4	Soil type	Red and lateritic, Vindhya alluvial, Recent alluvial
5	Productivity/Production of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	
	Crops	Production (ton)/year
I.	Paddy	822572
II.	Maize	8918
III.	Pulses	6623
IV.	Oilseeds (only Mustard)	23713
V.	Potato	154841

VI.	Vegetables	237382 MT
VII.	Fruits	45950 MT
VIII.	Flower	0.6548 Crore sticks and 374.4 MT loose flower
6	Mean yearly temperature, rainfall, humidity of the district	
	Minimum temp, Maximum temp and Average temp	15°, 41°, 27.75°
	Total rainfall	1479.45 mm
	Mean humidity	52.9
7	Production of major livestock products like milk, egg, meat etc.	
	Products	Production /year
I.	Milk	190230ton
II.	Egg	4544.89 lakh
III.	Meat	33030 ton

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.	Jhargram	Binpur - I	Ankro, Kui, Belatikri, Daribhadrapal, Chhuchada, Nischintapur, Chandra, Bidyardanga, Chikurdanga, Balarampur, Andharia, Moulara, Kurkutsole, Basantapur, Karasai	Agronomical Crops - Paddy Oilseeds- Groundnut, Sesamum, Mustard, Pulses – Green gram, Black gram, Lathyrus, Lentil, Arhar, Vegetables – Brinjal, Potato, Okra, Cabbage, Cauliflower, Tomato, Chilli, all cucurbits, Fruit - Jack fruit, Mango, Citrous, Cashew , Flower – Marigold, Gladiolus, Rose, Forest Tree & Products – Sall Tree, Sal leaf, Sabui grass, Natural Mushroom and Livestock – Cow, Goat, Poultry, Duck, Pig, Fish	Small & Marginal - economically poor farmers, Low yield of all crops due to lack of proper Knowledge in INM, IPM & IDM, Traditional / Local Var. of crops, scatter and sloppy land, changing climate, poor farm machinery, poor irrigation & marketing facilities, indigenous breed of livestock and poor management of their feed & disease etc.	<ul style="list-style-type: none"> • Promotion of suitable Agricultural technologies in respect to Agro eco system of the district and changing climatic condition. • Technical backstopping to the farmers for improved package & practices of Crop husbandry & Livestock. • Promotion of Natural / Organic Farming • Promotion of suitable technologies for Judicious & Efficient use of Irrigation Water • Popularization of need based Farm machinery • Women Empowerment • Promotion of Secondary Agriculture • Emphasized on agro forestry basis considering the threat of animal specially elephant.
2.		Binpur-II	Kagajpal, Jamirasuli, Karkara, Chinbera, Dhapahari, Korasai, Bindadhara, Belpahari, Harda, Koratsol, Chotomurgi			
3.		Jamboni	Kukurmuri, Chandabilla, Kapatkata, Alampur, Alampur, Parihati, Dakhinsol			
4.		Jhargram	Bhadrapal, Bandhgora, Nuniakudri, Chowkichoti, Raghunathpur, Malapada, Ghoradhora			
5.		Gopiballabhpur-I	Chhatanasole			

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	Activities taken up for development
Bandhgora	Jhargram	Training, Demonstration
Nuniakundri	Jhargram	Training, Demonstration, Sunflower, Lentil, Mustard production, Organic Vegetable Cultivation
Chuchada	BinpurII	Training, Demonstration, , Oilseeds seed production
Karatsole	BinpurII	Training & Awareness camp and Demonstration on Natural Farming
Moulara	BinpurI	Training on commercial flower cultivation & FPC promotion
Kurkutsole	BinpurI	Training commercial fruit cultivation & FPC promotion
Basantapur	BinpurI	Training Medicinal & aromatic plant production & FPC promotion
Saluka	BinpurI	Training & Demonstration commercial flower cultivation, Marigold production & Kitchen garden development
Godarasta	Jhargram	Training & Demonstration on Organic vegetable cultivation
Kapgari	Jamboni	Training & Demonstration on Organic vegetable cultivation
Bhadrapal	Binpur I	Training & Demonstration on Organic vegetable cultivation
Chhotomurgi	Binpur I	Training & Demonstration , OFT on tuberose
Basajuri	BinpurI	Training & Demonstration commercial flower cultivation, Marigold production
Jamirasuli	Binpur II	Training & Demonstration on commercial flower cultivation, Marigold production.
Dakhinasol	Jamboni	Field day
Chitamatia	Gopi-I	Training & Demonstration on Dragon Fruit cultivation
Mathasai	Gopi-I	Training and trail on water melon
Sonahara	Gopi-I	Training and trial on water melon
Kaobonia	Gopi-I	Training & Demonstration, Kitchen garden development
Panchkahania	Gopi-I	Training & Demonstration & Kitchen garden development
Belatikri	Binpur-I	Training & Demonstration
Dakhinasol Bhaluka	Jamboni	Training & Awareness camp on Natural Farming
Kui	Binpur I	Training & Awareness camp on Natural Farming, Demonstration
Balarampur	Binpur-II	Training & Awareness camp on Natural Farming
Boronala	Binpur-I	Training & Awareness camp on Natural Farming
Magura	Binpur-I	Training & Awareness camp, PM Kisan
Ankro	Binpur-I	Training & Awareness camp, PM Kisan & Natural Farming
Dhapahari	Binpur-II	Training & Awareness camp and Demonstration on Natural Farming
Nandalalpur	Binpur-II	Training & Awareness camp on Natural Farming
Bandorboni	Binpur-I	Training & Awareness camp on Natural Farming
Amainagar	Binpur-I	Training & demonstration , Crop diversification proect.
Jagannathpur	Binpur-I	Training & demonstration , Crop diversification proect.
Madanmohanpur	Binpur-I	Training & demonstration , Crop diversification proect.

2.1 Priority thrust areas

S. No	Thrust area
1.	Adoption of suitable Agricultural technologies with respect to changing climate
2.	Awareness about improved package & practices of Crop & Veg., Other Horticultural crops, Livestock production for better return
3.	Enhancement of seed replacement ratio
4.	Awareness about IFS(Fish cum Veg, cum Livestock)
5.	Soil Health Management
6.	Promotion of Organic Farming
7.	Judicious & Efficient Water Management
8.	Popularization of Farm Mechanization
9.	Women Empowerment
10.	Formation of Grass root level Organization and Custom and Hiring Center (CHC) for the Farming community
11.	Skill Development Training for Rural Youth
12.	Convergence of different Rural & Agricultural Development Programme of Govt., NARS & other stake holders
13.	Awareness about different Govt. Flagship Programmes like Promotion & production of Millets, World Soil Day etc.
14.	Promotion of Integrated Farming System

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														
10	6	100	SC			ST			Others			Total			18	16	352	SC			ST			Others			Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T						
			43	3	2		17		62	3	65				294	45	65	6	60	10	419	61	480						
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		
95	70	1850	M	F	M	F	M	F	M	F	T	394	498	2619	M	F	M	F	M	F	M	F	T						
			609	167	263	123	477	55	1349	345	1694				621	149	518	124	1234	189	2373	462	2835						
Impact of capacity building												Impact of Extension activities																	
Number of Participants trained				Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)								Number of Participants attended				Number of participants got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)													
Target	Achievement	SC	ST			Others			Total			Target	Achievement	SC	ST			Others			Total								
		M	F	M	F	M	F	M	F	T			M	F	M	F	M	F	M	F	M	F	T						
Seed production (q)												Planting material (in Lakh)																	
Target												Target																	
Achievement												Achievement																	
Livestock strains and fish fingerlings produced (in lakh)*												Soil, water, plant, manures samples tested (in lakh)																	
Target												Target																	
Achievement												Achievement																	

* Give no. only in case of fish fingerlings

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper							
Seminar/conference/ symposia papers							
Books							
Bulletins							
News letter							
Popular Articles							
Book Chapter							
Extension Pamphlets/ literature	9	348					
Technical reports							
Electronic Publication (CD/DVD etc)	14						
TOTAL							

3.1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	Evaluation of performance of foliar application of Nutrients at flower initiation stage on Blackgram in <i>Kharif</i> season
2.	Problem diagnosed	Low productivity due to lack of INM during <i>kharif</i> season under rainfed farming situation in Red & Laterite area of Jhargram district.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers' practice: Farmers' cultivation practice Technology option 1: Farmers' practice +Foliar spray of 2 % Nano urea at flower initiation stage Technology option 2: Farmers' practice +Foliar spray of 2 % Nano DAP + 0.2 % Boron at flower initiation stage For Technology option 1 and Technology option 2: Seed treatment: Inoculation of seed with <i>Rhizobium</i> (<i>Rizobium</i> @ 0.75 kg / 22.5 kg of seed requiring for one hectare) PSB (Soil application of PSB with cow dung manure @ 1.9 l / ha during final land perparation)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	SAU
5.	Production system and thematic area	Sesame-Blackgram-Mustard INM
6.	Performance of the Technology with performance indicators	From the result of Technology option 2 it is clear that Farmers' practice +Foliar spray of 2 % Nano DAP + 0.2 % Boron at flower initiation stage exhibited higher yield than the farmer practice.
7.	Final recommendation for micro level situation	Technology option 2 (Farmers' practice +Foliar spray of 2 % Nano DAP + 0.2 % Boron at flower initiation stage) is suitable in farmers field than the farmers practice.
8.	Constraints identified and feedback for research	No constraint found
9.	Process of farmers participation and their reaction	GD, training and field day

Thematic area: INM

Problem definition: Low productivity due to lack of INM during *kharif* season under rainfed farming situation in Red & Laterite area of Jhargram district.

Technology assessed: Application of different dose of nutrients

Table:

Technology option	Plant Height (cm)	No. of primary branches /plant	Pod/plant	Seed/pod	10000 seed weight (g)	SeedYield (q/ha)
	23.50	6.20	16.50	5	27.50	7.05
	30.00	7.00	22.00	8	28.00	12.50
	29.00	9.30	34.00	12	29.50	16.00
CD(5%)	18.20 (NS)	5.24 (NS)	18.15	6.50	18.50 (NS)	8.67

Results: **Technology option 2** (Farmers' practice +Foliar spray of 2 % Nano DAP + 0.2 % Boron at flower initiation stage) is suitable in farmers field than the farmers practice.

ON FARM TESTING – 2

1.	Title of On Farm Trial	Assessment of varietal performance of Water melon (<i>Citrulluslanatus</i>) in the red and lateritic zone of Jhargram.
2.	Problem diagnosed	Poor quality produce
3.	Details of technologies selected for assessment/refinement	Treatments: Farmers Practice (FP): Cultivation of local variety “Candy” (KALASH) Technology option-I: Cultivation of the variety “Maxx” (BASF) Technology option-II: Cultivation of the variety “2053” (PAN) Technology option-III: Cultivation of the variety “NS7002” (Namdhari seeds)
4.	Production system and thematic area	Cultivation of local variety TA: Varietal Performance
5.	Performance of the Technology with performance indicators	Crop is in the field
6.	Final recommendation for micro level situation	Yet to come
7.	Constraints identified and feedback for research	No constrains so far
8.	Process of farmers participation and their reaction	Contact with interested farmers in collaboration with Agriculture Line Department. Farmer’s fields were visited and selected for the trial.

Thematic area: Varietal Performance

Problem definition: Poor quality produce

Technology assessed:

Farmers Practice (FP): Cultivation of local variety “Candy” (KALASH)

Technology option-I: Cultivation of the variety “Maxx” (BASF)

Technology option-II: Cultivation of the variety “2053” (PAN)

Technology option-III: Cultivation of the variety “NS7002” (Namdhari seeds)

Table:

Technology option	No. of trials	Yield component		Disease/ insect pest incidence (%) (60 DAS)	Yield (no.s/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Farmers Practice (FP): Cultivation of local variety	10		--	10	--	--	--	--	--
Technology option-I: Cultivation of the variety	10		--	9.75	--		--	--	--
Technology option-II: Cultivation of the variety	10		--	9.56	--		--	--	--
Technology option-III: Cultivation of the variety	10		--	9.61	--		--	--	--

Results: Crop is in the field.

ON FARM TESTING -3

1.	Title of On farm Trial	Assessment of yield performance of different Tuberose (<i>Polianthes tuberosa</i> L) varieties in the red and lateritic zone of Jhargram in monsoon.
2.	Problem diagnosed	Poor yield.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Treatments: Farmers Practice (FP): Local variety. Technology option-I: Cultivation of the variety 'Prajwal' Technology option-II: Cultivation of the variety 'BidhanSnigdha' Technology option-III: Cultivation of the variety 'BidhanUjjal'
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BCKV
5.	Production system and thematic area	Cultivation of local variety TA: Varietal Performance
6.	Performance of the Technology with performance indicators	Performance is satisfactory so far.
7.	Final recommendation for micro level situation	Tech. Option-III proves to be best
8.	Constraints identified and feedback for research	No constraints so far.
9.	Process of farmers participation and their reaction	Direct contact with interested farmers. Their fields were visited and selected for the trial.

Thematic area: Varietal Performance

Problem definition: Indiscriminate use of fertilizers/Conventional methods of farming system resulting lower yield.

Technology assessed:

Farmers Practice (FP): Local variety.

Technology option-I: Cultivation of the variety 'Prajwal'

Technology option-II: Cultivation of the variety 'BidhanSnigdha'

Technology option-III: Cultivation of the variety 'BidhanUjjal'

Table:

Technology option	No. of trials			Yield component (Spike Yield) (lakh/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Spike Length (cm)	No. of floret/spike					
Farmers Practice (FP): Local variety.	10	54.06	25.61	3.06	2.29	4.60	2.31	1.00
Technology option-I: Cultivation of the variety 'Prajwal'	10	108.97	38.35	4.12	2.87	6.12	3.25	1.13
Technology option-II: Cultivation of the variety 'BidhanSnigdha'	10	61.21	29.84	3.98	2.87	6.07	3.20	1.11
Technology option-III: Cultivation of the variety 'BidhanUjjal'	10	64.69	34.77	4.31	2.87	6.38	3.51	1.22

Results: Among all the technologies **Tech. Option-III** proves to be best so far with 1.22 B:C ratio.

ON FARM TESTING – 4

1	Title of On Farm Trial	Evaluation of yield and quality of groundnut on the application of Gypsum and Sulphur
2	Problem diagnosed	Low yield of Groundnut
3	Details of Technologies selected for assessment/refinement	<p>Farmers Practice : Conventional application of fertilizers (Application of nutrients in the form of composite fertilizer IFFCO 10:26:26 @225kg/ha)</p> <p>Technology option – I : Application of nutrients in the form of composite fertilizer IFFCO 10:26:26 @225kg/ha + 400 kg gypsum/ha in two split doses @ 200kg at 30 DAS and at the time of flowering</p> <p>Technology –II : Application of nutrients NPK (20:60:40) kg/ha in the form of straight fertilizer, Urea,SSP, MOP + 25kg sulphur during pegging</p> <p>Technology- III : Application of nutrients NPK (20:60:40)kg/ha in the form of straight fertilizer Urea, SSP, MOP + 200 kg Gypsum at 30 DAS + 15 kg Sulphur at pegging stage</p>
4	Source of Technology	BCKV,
5	Production System and Thematic Area	Nutrient Management
6	Performance of the Technology with Performance Indicators	First Year trial has ended successfully
7	Final recommendation for microlevel situation	Technology option III seems to have increased yield content of groundnut while Technology option I shows higher rate of germination %
8	Constraints identified and feedback for research	Farmers were not aware of the usefulness of fertilization of Gypsum and Sulphur and relied on the composite fertilizer application of IFFCO 10:26:26 only
9	Process of Farmers Participation and their reaction	Farmers participated in a collaborative mode

Thematic Area: Nutrient Management

Problem Definition: Low Productivity of Groundnut

Technology Assessed: Performance of Yield of Groundnut on the application of Gypsum and Sulphur

Table: Performance of different fertilizer on the yield and quality of Groundnut

Table:

Technology Option	No of Trials	Yield Component			Yield (q/ha)	Cost of Cultivation (Rs/ha)	Gross Return (Rs/ha)	Net Return (Rs/ha)	B:C Ratio
		Test weight (100 g)	Oil Content	Germination (%)					
Farmers Practice : Use of composite fertilizer IFFCO 10:26:26 and no use of Gypsum and Sulphur	12	70.4		55 %	24	44,000	57500	13500	1:1.29
Technology Option I: Application of nutrients in the form of composite fertilizer IFFCO 10:26:26 @225kg/ha + 400 kg gypsum/ha in two split doses @ 200kg at 30 DAS and at the time of flowering		77.2		75%	30	49000	78000	29000	1:1.59
Technology Option II: Application of nutrients NPK (20:60:40) kg/ha in the form of straight fertilizer, Urea, SSP, MOP + 25kg sulphur during pegging		82.6		58%	31.5	46000	78000	32000	1:1.69
Technology Option III : Application of nutrients NPK (20:60:40)kg/ha in the form of straight fertilizer Urea, SSP, MOP + 200 kg Gypsum at 30 DAS + 15 kg Sulphur at pegging stage		84.5		70%	33	48000	84,000	34000	1:1.75
SEm(±)					0.58				
CD (P=0.05)				1.64					

ON FARM TESTING – 5

1.	Title of On farm Trial	Control of Leaf Minor in Ground-nut by using different insecticides.
2.	Problem diagnosed	Yield loss in Ground-nut due to severe attack of Leaf Minor.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers practice: Application of pesticides as per directives of the local input dealers Technology Option-I: Application of Acephate 50% + Imidacloprid 1.8% SP @ 1 gm. / lt. water at 12 days interval starting from initial stage of attack. Technology Option-II: Application of Ethiprole 40% + Imidacloprid 40% WP @ 1 gm. /3 lt. water at 12 days interval starting from initial stage of attack. Technology Option-III: Alternate Application of Acetamiprid 20 % SP @ 1 gm. / 5 lt. water & Thiamethoxam 25 % WG @ 1 gm. / 3 lt. water at 12 days interval starting from initial stage of attack.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	AICRP (RRS, BCKV, Jhargram)
5.	Production system and thematic area	Rice – Oilseeds / Vegetables IPM
6.	Performance of the Technology with performance indicators	Technology option – III showed best result in relation to the yield, efficiency of control the pest and B:C ratio.
7.	Final recommendation for micro level situation	Tech. Option-III I i.e Alternate Application of Acetamiprid 20 % SP @ 1 gm. / 5 lt. water & Thiamethoxam 25 % WG @ 1 gm. / 3 lt. water at 12 days interval starting from initial stage of attack.proved itself as a best technology to control leaf minor of ground nut.
8.	Constraints identified and feedback for research	Further research may be done on the said issue.
9.	Process of farmers participation and their reaction	Farmers participated in collaborative mode.

Thematic area: IPM

Problem definition: Yield loss in Ground-nut due to severe attack of Leaf Minor.

Technology assessed:

Farmers practice: Application of pesticides as per directives of the local input dealers

Technology Option-I: Application of Acephate 50% + Imidacloprid 1.8% SP @ 1 gm. / lt. water at 12 days interval starting from initial stage of attack.

Technology Option-II: Application of Ethiprole 40% + Imidacloprid 40% WP @ 1 gm. /3 lt. water at 12 days interval starting from initial stage of attack.

Technology Option-III: Alternate Application of Acetamiprid 20 % SP @ 1 gm. / 5 lt. water & Thiamethoxam 25 % WG @ 1 gm. / 3 lt. water at 12 days interval starting from initial stage of attack.

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
		% of Disease index	% of Efficacy of Treatments	% of more yield than Farmers Practice					
Farmers practice: Application of pesticides as per directives of the local input dealers	10	63.17	-		22.76	84384	136560	52176	1.62
Technology Option-I: Application of Acephate 50% + Imidacloprid 1.8% SP @ 1 gm. / lt. water at 12 days interval starting from initial stage of attack.	10	23.24	63.00	21.62	28.68	91465	172080	80615	1.88
Technology Option-II: Application of Ethiprole 40% + Imidacloprid 40% WP @ 1 gm. /3 lt. water at 12 days interval starting from initial stage of attack.	10	32.47	49.00	17.57	26.76	90384	160560	70176	1.78
Technology Option-III: Alternate Application of Acetamiprid 20 % SP @ 1 gm. / 5 lt. water & Thiamethoxam 25 % WG @ 1 gm. / 3 lt. water at 12 days interval starting from initial stage of attack.	10	17.09	72.94	48.42	32.78	93572	196680	103108	2.11
SEm(±)		3.4	5.3		1.22				
CD (5%)		6.2	8.6		2.63				

Results:

Among all the technologies **Tech. Option-III** *i.e.* Alternate Application of Acetamiprid 20 % SP @ 1 gm. / 5 lt. water & Thiamethoxam 25 % WG @ 1 gm. / 3 lt. water at 12 days interval starting from initial stage of attack. Proved itself as a best technology to control leaf minor of ground nut with 2.11 B:C ratio.

ON FARM TESTING – 6

1.	Title of On farm Trial	Control of mites in Water Melon by using different acaricides
2.	Problem diagnosed	Yield loss in Water Melon due to severe attack of mites
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers practice: Application of pesticides as per directives of the local input dealers Technology Option-I: Application of Abamectin 1.9 % SC @ 2 ml. / lt. water at 10 days interval starting from initial stage of attack. Technology Option-II: Application of Fenazaquin 10 % EC @ 1.5 ml. / lt. water at 10 days interval starting from initial stage of attack. Technology Option-III: Alternate Application of Fenpyroximate 5 % SC @ 1.5 ml. / lt. water & Propergite 57 % EC @ 2 ml. / lt. water at 10 days interval starting from initial stage of attack.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	AICRP (RRS, BCKV, Jhargram)
5.	Production system and thematic area	Rice – Vegetables IPM
6.	Performance of the Technology with performance indicators	Technology option –III showed best result in relation to the yield, efficiency of control the pest and B:C ratio.
7.	Final recommendation for micro level situation	Tech. Option-III I i.e Alternate Application of Fenpyroximate 5 % SC @ 1.5 ml. / lt. water & Propergite 57 % EC @ 2 ml. / lt. water at 10 days interval starting from initial stage of attack..proved itself as a best technology to control the mites in water melon.
8.	Constraints identified and feedback for research	Further research may be done on the said issue.
9.	Process of farmers participation and their reaction	Farmers participated in collaborative mode.

Thematic area: IPM

Yield loss in Water Melon due to severe attack of mites

Technology assessed:

Farmers practice: Application of pesticides as per directives of the local input dealers

Technology Option-I: Application of Abamectin 1.9 % SC @ 2 ml. / lt. water at 10 days interval starting from initial stage of attack.

Technology Option-II: Application of Fenazaquin 10 % EC @ 1.5 ml. / lt. water at 10 days interval starting from initial stage of attack.

Technology Option-III: Alternate Application of Fenpyroximate 5 % SC @ 1.5 ml. / lt. water & Propergite 57 % EC @ 2 ml. / lt. water at 10 days interval starting from initial stage of attack.

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
		% of Disease index	% of Efficacy of Treatments	% of more yield than Farmers Practice					
Farmers practice: Application of pesticides as per directives of the local input dealers	10	62.18	-		218.12	118215	174496	56281	1.48
Technology Option-I: Application of Abamectin 1.9 % SC @ 2 ml. / lt. water at 10 days interval starting from initial stage of attack.	10	27.10	56.41	25.87	274.54	122630	219632	97002	1.79
Technology Option-II: Application of Fenazaquin 10 % EC @ 1.5 ml. / lt. water at 10 days interval starting from initial stage of attack.	10	22.12	64.43	32.32	288.61	123120	230888	107768	1.88
Technology Option-III: Alternate Application of Fenpyroximate 5 % SC @ 1.5 ml. / lt. water & Propergite 57 % EC @ 2 ml. / lt. water at 10 days interval starting from initial stage of attack.	10	16.09	74.12	43.4	312.78	124520	250224	125704	2.01
SEm(±)		2.27	5.42		7.12				
CD (5%)		4.70	8.79		12.01				

Results: Among all the technologies **Tech. Option-III** *i.e* Alternate Application of Fenpyroximate 5 % SC @ 1.5 ml. / lt. water & Propergite 57 % EC @ 2 ml. / lt. water at 10 days interval starting from initial stage of attack , effectively control the mites in water melon with 2.01 B:C ratio.

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.	Kodo Millet	Introduce new crop	Introduce new crop (Variety- RK-390-25)	2	2	7	0	5	0	8	1	20	1	21	

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 ₂ O ₅	K ₂ O					

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

Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Groundnut (Under SCSP Program)	Introduce new crop	Introduce new crop Var. (Lepakshi/K-1812)	54	3.53	29.8	-	-	85600	178800	93200	2.1	-	-	-	-
Groundnut	Introduce new crop	Introduce new crop Var. (Variety- Lepakshi/K-1812)	29	1.6	28.2	-	-	85600	169200	83600	1.98	-	-	-	-
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
Green gram (Under SCSP Program)	Introduce new crop	Introduce new crop Var. (Variety- Virat/IPM-205-7)	35	2	12.5			30000	550000	25000	1.83				
Lathyrus	Introduce new crop	Introduce new crop Var. (Variety- Bidhan Khesari-1/Prateek)	13	0.82	8			20000	38000	22000	1.9				
	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
Bittergourd	Effect of PGRs	Effect of PGRs on Bitter gourd Cultivation	30	0.5	240	195	23.08	-	-	135000	336000	201000	2.49	127500	263250	135750	2.06
Brinjal	Organic cultivation	Organic cultivation of Vegetable crops	30	0.5	312	265	17.74	-	-	112500	249600	137100	2.22	116250	185500	69250	1.60
Chilli	Organic cultivation	Organic cultivation of Vegetable crops	30	0.25	105	87	20.69	-	-	150000	315000	165000	2.10	142500	261000	118500	1.83
Marigold	Cultivation of marigold	Cultivation of marigold	20	0.2	65	52	25.00	-	-	150000	325000	175000	2.17	150000	260000	110000	1.73
Gladiolus	Cultivation of Gladiolus	Cultivation of Gladiolus	20	0.3	2.1 Lakh (spike/ha)	1.8 Lakh (spike/ha)	16.16	-	-	600000	1260000	660000	2.10	450000	810000	360000	1.80
Dragon fruit	Dragon Fruit cultivation	Scientific cultivation of dragon Fruit in the red and lateritic zone of Jhargram	30	0.2	286	-		-	-	125700 (5Yr)	-	-	-	-	-	-	-
Potato	IDM	Application of Validamycin +(Carbandizem + Mancozeb) to control Late Blight	21	2	284.5	212.5	33.88	21.6	48.4	117712	199150	81438	1.69	113680	148750	35070	1.31
Bottle guard	IPM	Application of (Chloropyrifos + Cypermethrin) 55 EC to control Red pumpkin Beetle	22	2	266.8	197.5	35.09	16.2	44.6	88622	160080	71458	1.81	84556	118500	33944	1.41

Mustard	INM	Application of Boron and Sulphur in flowering and Pod forming stage	10	2	15.5	12	29.1	-	-	30200	64931	34731	1:2.15	28160	51814	23654	1:1.83
Paddy	INM																
Total																	

Livestock

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

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

** BCR= GROSS RETURN/GROSS COST

Fisheries

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

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

** BCR= GROSS RETURN/GROSS COST

Other enterprises

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

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

** BCR= GROSS RETURN/GROSS COST

Women empowerment

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

Farm implements and machinery

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

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1.	Kodo Millet	After long time farmers grew this crop as a new once, they are interested to grow it continuously.
2.	Groundnut	Groundnut Var. – Lepakshi/K-1812 is good for this area, with 2.1 B.C ratio.
3.	Green gram	Green gram Var. – Variety- Virat/IPM-205-7 is good for this area, with 1.83 B.C ratio.
4.	Lathyrus	Lathyrus Var. – Variety- Bidhan Khesari-1/Prateek is good for this area, with 1.9 B.C ratio.
5.	Bittergourd	Effect of PGRs on the yield of Bitter gourd Cultivation was positive.
6.	Brinjal	Organic cultivation of Brinjal is profitable and economic for this area.
7.	Chilli	Organic cultivation of Brinjal is also profitable and economic for this area.
8.	Marigold	Commercial Cultivation of marigold is quite profitable for this area and farmers are interested to grow it.
9.	Gladiolus	Commercial Cultivation of gladiolus is quite profitable for this area and farmers are interested to grow it.
10.	Dragon fruit	Cultivation of dragon Fruit in the red and lateritic zone of Jhargram distt. Have a huge scope and area is increasing day by day.
11.	Potato	Application of Validamycin +(Carbandizem + Mancozeb) effectively controlled Late Blightof potato.
12.	Bottle guard	Application of (Chloropyrifos + Cypermethrin) 55 EC effectively controlled Red pumpkin Beetle in bottle guard.
13.	Mustard	Application of Boron and Sulphur in flowering and Pod forming stage, have a good response on the yield og mustard.

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	23.11.23, 5.12.23, 14.12.23	4	44	Intercropping of Potato and Pumpkin, Intercropping of Raddish and Bittergourd, Scientific cultivation of Bittergourd in Jhargram, PGRs on Bittregourd
2.	Farmers Training				
3.	Media coverage				
4.	Training for extension functionaries				

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	3	0	0	0	54	0	54	0	0	0	54	0	54	
Soil & water conservation														
Integrated nutrient Management	2	1	0	1	3	1	4	4	0	4	9	0	9	
Production of organic inputs														
Others														
Total	5	1	0	1	57	1	58	4	0	4	63	0	63	
II. Horticulture														
a) Vegetable Crops														
Production of low volume and high value crops														
Offseason vegetables	1	0	0	0	26	4	30	0	0	0	26	4	30	
Nursery raising	1	4	7	11	1	3	4	2	4	6	7	14	21	
Exotic vegetables														
Export potential vegetables														
Grading and standardization														
Protective cultivation														
Organic Cultivation	1	0	0	0	28	2	30	0	0	0	28	2	30	
Total (a)	3	4	7	11	55	9	64	2	4	6	61	20	81	
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	1	8	0	8	3	0	3	3	0	3	14	0	14	
Others														
Total (d)	1	8	0	8	3	0	3	3	0	3	14	0	14	
e) Tuber 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				
sheets														
Small tools and implements														
Production of livestock feed and fodder														
Production of Fish feed														
Mushroom production														
Apiculture														
Others														
Total														
X. Capacity Building and Group Dynamics														
Leadership development														
Group dynamics														
Formation and Management of SHGs														
Mobilization of social capital														
Entrepreneurial development of farmers/youths														
WTO and IPR issues														
Others														
Total														
XI. Agro forestry														
Production technologies														
Nursery management														
Integrated Farming Systems														
Others														
Total														
XII. Others (Pl. Specify)														
GRAND TOTAL	10	26	7	33	115	10	125	9	4	13	151	20	171	

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	1	10	5	15	5	3	8	7	0	7	22	8	30
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													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others													
Total	1	10	5	15	5	3	8	7	0	7	22	8	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			
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													
Total	2	26	0	26	4	0	4	18	0	18	48	0	48
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths	3	55	1	56	19	0	19	1	0	1	75	1	76
WTO and IPR issues													
Others													
Total	3	55	1	56	19	0	19	1	0	1	75	1	76
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	58	442	42	484	489	128	617	247	119	366	1178	289	1467

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				
Pearl culture														
Cold water fisheries														
Fish harvest and processing technology														
Fry and fingerling rearing														
Others														
Total	1	10	5	15	5	3	8	7	0	7	22	8	30	

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total			
		Other			SC			ST			M	F	T	
		M	F	T	M	F	T	M	F	T				
Productivity enhancement in field crops														
Integrated Pest Management														
Integrated Nutrient management	1	0	0	0	0	26	26	0	0	0	0	26	26	
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	0	26	26	0	0	0	0	26	26	

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
Soil Science	PF/FW	Use of Natural Farming Techniques against Conventional Techniques	1	Off	22	12	34	15	9	24
Agronomy	PF/FW	Training on Integrated Farming System (IFS)	1	Off	8	0	8	0	0	0
Soil Science	PF/FW	Use of Natural Farming Techniques against Conventional Techniques	1	Off	21	25	46	21	25	46
Agronomy	PF/FW	Training on Integrated Farming System (IFS)	1	Off	47	0	47	47	0	47
Agronomy	PF/FW	Training on Importance of Millets cultivation	1	Off	35	0	35	10	0	10
Agronomy	PF/FW	Cultivation practices of Boro Rice	1	Off	11	11	22	10	11	21
Agronomy	PF/FW	Training on Importance of Millets cultivation & Celebration of International Millets Year- 2023	1	Off	11	11	22	10	11	21
Soil Science	PF/FW	Use of Natural Farming Techniques against Conventional Techniques	1	Off	44	0	44	42	0	42
Plant Protection	PF/FW	Control of Mustard Aphid	1	Off	23	5	28	11	1	12
Horticulture	EF	Post-Harvest Management of Horticultural Crops.	1	Off	0	26	26	0	26	26
Soil Science	PF/FW	Use of Natural Farming Techniques against Conventional Techniques	1	Off	17	30	47	14	28	42
Agri.Engg	PF/FW	Groundnut Decorticator by adapting FIG Farmers	1	Off	15	15	30	8	11	19
Agronomy	PF/FW	Training program on cultivation practices of Sesamum	1	Off	32	14	46	31	14	45
Soil Science	PF/FW	Awareness about Natural farming Techniques	1	Off	45	5	50	45	5	50
Agronomy	PF/FW	Training program on Scientific cultivation practices of groundnut	1	On	18	0	18	18	0	18
Agromony	PF/FW	Training program on Scientific cultivation practices of groundnut	1	On	16	0	16	16	0	16
Agronomy	PF/FW	Training program on Scientific cultivation practices of groundnut	1	On	20	0	20	20	0	20
Horticulture	PF/FW	Scientific Coconut Cultivation and Value addition	1	Off	22	8	30	18	8	26
Soil Science	PF/FW	Insecticides and Pesticides Preparation under Natural Farming	1	Off	26	7	33	26	7	33
Soil Science	PF/FW	Dashpami Ark Preparation under Natural Farming	1	Off	35	10	45	30	7	37
Soil Science	PF/FW	Dashpami Ark Preparation under Natural Farming	1	Off	35	10	45	33	10	43
Soil Science	PF/FW	Dashpami Ark Preparation under Natural Farming	1	Off	28	17	45	26	16	42
Soil Science	PF/FW	Preparation of Biopesticides	1	Off	9	8	17	3	6	9

Soil Science(LT)	PF/FW	Improved techniques of vermi compost production	1	Off	22	0	22	17	0	17
Agronomy	PF/FW	Cultivation practices of Millets	1	Off	11	2	13	8	2	10
Agronomy	PF/FW	Seed bed preparation of kharif rice	1	Off	19	2	21	19	2	21
Soil Science	PF/FW	Natural Farming with Input Distribution	1	Off	8	0	8	8	0	8
Soil Science(LT)	PF/FW	Importance of soil testing in crop production	1	Off	14	0	14	14	0	14
Horticulture	PF/FW	Organic farming Of vegetable crops	1	Off	10	0	10	0	0	0
Soil Science	PF/FW	Production of Fertilizers and Pesticides using Natural Farming Techniques	1	Off	10	0	10	0	0	0
Agronomy	PF/FW	Training program on seed bed preparation of kharif rice	1	Off	19	0	19	1	0	1
Soil Science	PF/FW	Awareness Training Programme on Natural Farming	1	On	13	0	13	0	0	0
Agronomy	PF/FW	Training program on Scientific cultivation practices of Kodo Millet	1	Off	0	37	37	0	16	16
Agronomy	PF/FW	Training program on Scientific cultivation practices of groundnut	1	Off	12	0	12	1	0	1
Agronomy	PF/FW	Training program on Scientific cultivation practices of groundnut	1	Off	16	0	16	8	0	8
Agronomy	PF/FW	Training program on Scientific cultivation practices of greengram	1	Off	13	0	13	13	0	13
Agronomy	PF/FW	Training program on Scientific cultivation practices of Kharif Rice	1	Off	10	0	10	3	0	3
Soil Science	PF/FW	Training on the efficient nutrient management in the cultivation of Groundnut.	1	Off	15	1	16	15	1	16
Agronomy	PF/FW	Training program on Scientific cultivation practices of Kharif Groundnut	1	On	4	0	4	4	0	4
Horticulture	PF/FW	Commercial cultivation Of Different Spices	1	Off	0	25	25	0	25	25
Soil Science	PF/FW	Training on the efficient nutrient management in the cultivation of Groundnut	1	Off	23	0	23	23	0	23
Agronomy	PF/FW	Training program on Scientific cultivation practices of Green gram	1	On	3	2	5	3	1	4
Soil Science(LT)	PF/FW	Judicious use of fertilizer in <i>kharif</i> paddy production	1	Off	25	0	25	12	0	12
Agronomy	PF/FW	Training program on Intercultural operation of Aman Rice	1	Off	41	0	41	35	0	35
Agronomy	PF/FW	Training program on cultivation practices of Black gram under OFT program under SCSP	1	Off	7	0	7	7	0	7
Horticulture	PF/FW	Scope and Importance of Commercial Flower Cultivation in Jhargram	1	Off	20	0	20	6	0	6

Soil Science	PF/FW	Efficient use of secondary nutrients on the cultivation of vegetables	1	Off	26	0	26	3	0	3
Soil Science(LT)	PF/FW	Promotion of FPC for increasing farmers income	1	Off	26	0	26	0	0	0
Agronomy	PF/FW	Training program on Scientific cultivation practices of Black gram	1	Off	10	0	10	10	0	10
Agronomy	PF/FW	Training program on Scientific cultivation practices of Black gram	1	Off	1	8	9	1	8	9
Horticulture	PF/FW	Latest Scientific Cultivation Practices of Fruit Crops.	1	Off	20	0	20	0	0	0
Soil Science	PF/FW	Training on Agri-preneurship on Vermicompost Production	1	Off	26	0	26	5	0	5
Horticulture	PF/FW	Commercial Cultivation of Flowering Plants	1	On	14	0	14	6	0	6
Soil Science(LT)	PF/FW	Promotion of FPC for increasing farmers income	1	Off	25	0	25	2	0	2
Horticulture	PF/FW	Cultivation of Medicinal and aromatic plants	1	Off	20	0	20	9	0	9
Soil Science	PF/FW	Training on the nutrient management in Vegetable crops	1	Off	13	0	13	10	0	10
Soil Science(LT)	PF/FW	Promotion of FPC for increasing farmers income	1	Off	24	1	25	18	0	18
Agronomy	PF/FW	Training program on Intercultural operation of Aman Rice	1	Off	32	0	32	4	0	4
Horticulture	PF/FW	Vegetable Nursery Management & Cultivation under Project UNNATI	1	On	7	14	21	3	7	10
Agronomy	PF/FW	Intercultural operation of Aman Rice	1	Off	51	0	51	5	0	5
Agronomy	PF/FW	Intercultural operation of Aman Rice	1	Off	26	0	26	25	0	25
Soil Science	PF/FW	Use of NOVCOM compost solution post paddy cultivation	1	Off	19	0	19	2	0	2
Horticulture	RY	Skill development training programme on "Gardening and Landscaping" under Project UNNATI	3	On	22	8	30	12	3	15
Agronomy	PF/FW	Training program on Scientific cultivation practices of lathyrus	1	Off	0	13	13	0	13	13
Horticulture	PF/FW	Training on "Effect of PGRs on Bittergourd"	1	On	26	4	30	26	4	30
Horticulture	PF/FW	Training on "Organic farming of veg crops"	1	On	28	2	30	28	2	30
Agronomy	PF/FW	Training program on Scientific cultivation practices of Mustard	1	Off	11	0	11	0	0	0
Horticulture	PF/FW	Nursery Management	1	Off	24	5	29	19	4	23
Horticulture	PF/FW	Training on "Organic Cultivation of Chilli"	1	Off	23	7	30	23	7	30
Soil Science	PF/FW	Orientation Training cum interactive Demonstration	1	Off	20	0	20	10	0	10

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	2	14	12	26	6	6	12	9	4	13	29	22	51	

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	5	47	0	47	47	2	4	6	49	4	53
Kisan Mela	3	354	53	407	42	6	1	7	360	54	414
Kisan Ghosthi	1	10	0	10	100	1	0	1	11	0	11
Exhibition								0	0	0	0
Film Show	3	28	12	40	73	4	2	6	32	14	46
Method Demonstrations	16	399	61	460	78	18	6	24	417	67	484
Farmers Seminar											
Workshop											
Group meetings											
Lectures delivered as resource persons	8	114	75	189	41	5	3	8	119	78	197
Advisory Services	64	56	8	64	30	4	1	5	60	9	69
Scientific visit to farmers field	55	188	11	199	48	40	15	55	228	26	254
Farmers visit to KVK	213	441	30	471	51	32	18	50	473	48	521
Diagnostic visits	89	112	7	119	31	61	28	89	173	35	208
Exposure visits	1	48	21	69	34	2	1	3	50	22	72
Ex-trainees Sammelan											
Soil health Camp											
Animal Health Camp											
Agri mobile clinic											
Soil test campaigns											
Farm Science Club Conveners meet											
Self Help Group Conveners meetings											
Mahila Mandals Conveners meetings											
Celebration of important days (specify)	12	72	16	88	25	34	12	46	106	28	134
Sankalp Se Siddhi											
Swatchta Hi Sewa	12	79	8	87	28	10	3	13	89	11	100
Mahila Kisan Divas											
Any Other (Specify) Janjatiya Gourav Divis	16	425	160	585	71	14	6	20	439	166	605
Total	498	2373	462	2835	699	233	100	333	2606	562	3168

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	
Radio talks	1
TV talks	6
Popular articles	
Extension Literature	9
Other, if any	

3.5 a. Production and supply of Technological products

Village seed

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

KVK farm

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

Good quality photographs of seed production:

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											
Others (Pl. specify)											
Piggery											
Piglet											
Hog											
Others (Pl. specify)											
Fisheries											
Indian carp											
Exotic carp											
Mixed carp											
Fish fingerlings											
Spawn											
Others (Pl. specify)											
Grand Total											

Good quality photographs of livestock and fisheries:

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

i) Name of Seed Hub Centre:

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

ii) Quality Seed Production Reports

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

iii) Financial Progress

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

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

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

Item	Title	Author's name	Number	Circulation
Research paper				
Seminar/conference/ symposia papers				
Books				
Bulletins				
News letter				
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature	Aman Rice Seedbed,Black Gram,Green Gram,Groundnut,SRI,Maize Sesamum,Aman Rice & Mustard Cultivation,Parthenium	Dr.M.K.Kundu	1000	500
Technical reports				
Electronic Publication (CD/DVD etc.)				
TOTAL				

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

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

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	HRD Training Programme	Innovative Approaches in Agriculture, Horticulture and Allied Sectors with special focus on Natural farming.	Dr. A.K.Maiti, Senior Scientist & Head	2 Days (30.03.23 to 31.03.23)	BCKV
2.	HRD Training Programme	Innovative Approaches in Agriculture, Horticulture and Allied Sectors with special focus on Natural farming.	Dr. TonmoySengupta, Programme Assistant (Lab. Tech.)	2 Days (30.03.23 to 31.03.23)	BCKV
3.	HRD Training Programme	Contemporary issues and Recommendations from Network Research in Food Crops for Facilitating OFT Proposals.	Dr. A.K.Maiti, Senior Scientist & Head	2 Days (19.12.23 to 20.12.23)	BCKV
4.	HRD Training Programme	Contemporary issues and Recommendations from Network Research in Food Crops for Facilitating OFT Proposals.	Dr. Srabani Das, SMS (Horticulture)	2 Days (19.12.23 to 20.12.23)	BCKV
5.	HRD Training Programme	Contemporary issues and Recommendations from Network Research in Food Crops for Facilitating OFT Proposals.	Mr. Sayak Das, SMS (Soil Science)	2 Days (19.12.23 to 20.12.23)	BCKV

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

CASE STUDY OF JHARGRAM KRISHI VIGYAN KENDRA
Kharif Groundnut - A Promising Profitable Crop in the Red and Lateritic Agro-Climatic Zone of Jhargram District

Introduction: Jhargram district comes under Chota Nagpur Plateau region and the land gradually slopes down creating an undulating area with infertile laterite rocks / soil. The entire area is drought prone. Jhargram district covers an area of 3,037.64 km² and had a population of 1,136,548 in the 2011 census. 96.52% of the total population was rural and only 3.48% was urban population. 20.11% of the total population belonged to scheduled castes and 29.37% belonged to scheduled tribes.

Rice based crop production system is the traditional farming system in Red and Lateritic agro-climatic zone. In the district the cultivation of Rabi-Summer Groundnut has been established as a good promising profitable crop since 1999. It has good net return as well as having the capacity to enrich the nutrient status of the soil. Jhargram KVK has taken a drive to cultivate groundnut in Kharif season for the first time in the district. For this purpose KVK selected the Nuniakundri village of Jhargram block.

Background: Rice The village comes under Bandhgora Panchayet, P.O. – Bhodhana, Block – Jhargram, Pin code – 721514, W.B. The total house hold of the village is 126 with 600 population (Male 320 and female 280). Among total population 102 belongs to SC, 288 – ST and 210 other caste. In the village there is one Primary school and one Agonbari Kendra. Soil is sandy to sandy loam. The main source of irrigation is Tube well and one seasonal canal. Cropping pattern is Rice – Veg. / Oilseed/pulse etc. the major threat is attack of wild elephant. In the Kharif season generally they grew rice in the low land and vegetables/pulses in the upland. In the upland, KVK motivated to the farmers to grow groundnut in the kharif season. For the same KVK provided training to the farmers and conducted FLD in 54 farmers’ field. The result was exciting, which is as under -

Comparative income statement from per unit area (Seasonwise)

Crop	Cropping Season	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)			
						Dem o	Chec k		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** B C R
Groundnut	Kharif 2023	Introduce new crop	Introduce new crop (Lepakshi /K-1812)	54	3.53	29.8	-	-	85600	178800	93200	2.1	-	-	-	-
Groundnut	Rabi Summer 2023	Introduce new crop	Introduce new crop (Variety-Lepakshi/ K-1812)	29	1.6	28.2	-	-	85600	169200	83600	1.98	-	-	-	-

Brief Summary: It is already mentioned that in the district the cultivation of Rabi-Summer Groundnut has been established as a good promising profitable crop since 1999. It has good net return as well as having the capacity to enrich the nutrient status of the soil. Jhargram KVK has taken a drive to cultivate groundnut in Kharif season for the first time in the district. By observing the result of the demonstration the farmers were highly satisfied and they start to believe that there is huge scope for cultivation of groundnut in kharif season. Director – DGR, Junagarh, Gujrat also interact with the growers of the mentioned village, saw the harvested crop and expressed his satisfaction.



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.
-	-	-

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			
-	-	-	-	-	-

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	Celebrate world Soil Day	32	-	-	-	-

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

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

3.13. Technology week celebration

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

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

No of student trained	No of days stayed

ARS trainees trained	No of days stayed

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

Date	Name of the person	Purpose of visit
17.05.2023	Pradip Dey, Director, ICAR-ATARI, Kolkata	Visit to KVK
17.05.2023	Prof.U.Thapa, DEE, BCKV	Visit to KVK
17.05.2023	Dr.K.K.Goshami, SS&H, Nadia KVK	Visit to KVK

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)

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
Integrated Farming System	

Give information in the same format as given below

Name of farmer	Mr. Sandip Ghosh
Address	Chhoto Murgi, Binpur-I, Jhargram
Contact details (Phone, mobile, email Id)	9733750707
Landholding (in ha.)	4 Bigha
Name and description of the farm/ enterprise	Horticulture based Integrated farming system
Economic impact	Having different avenues in one farm generates more profitability rather than using the single unit of land for any particular enterprise.
Social impact	Empowerment generation through IFS
Environmental impact	Plant and animal residues are recycled and used in the farm as manure hence maintaining good environmental health.
Horizontal/ Vertical spread	Neighboring farmers showed interest to adopt the same system.
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	Effect of PGRs on Bitter gourd Cultivation		
2	Organic cultivation of Vegetable crops		
3	Cultivation of marigold		
4	Cultivation of Gladiolus		
5	Scientific cultivation of dragon Fruit in the red and lateritic zone of Jhargram		
6	Control Late Blight of potato		
7	Control Red pumpkin Beetle		
8	Application of Boron and Sulphur in flowering and Pod forming stage of Mustard		
	Effect of PGRs on Bitter gourd Cultivation		
10	Assessment of varietal performance of Water melon (<i>Citrulluslanatus</i>) in the red and lateritic zone of Jhargram.		
11	Evaluation of performance of foliar application of Nutrients at flower initiation stage on Blackgram in <i>Kharif</i> season		

12	Assessment of yield performance of different Tuberose (<i>Polianthes tuberosa</i> L) varieties in the red and lateritic zone of Jhargram in monsoon.		
13	Evaluation of yield and quality of groundnut on the application of Gypsum and Sulphur		
14	Control of Leaf Minor in Ground-nut by using different insecticides.		
15	Control of mites in Water Melon by using different acaricides		

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	Farmers Producer Company
Name & complete address of the entrepreneur	Sashya Sarathi Farmers Producer Company Binpur-I Block, Jhargram
Role of KVK with quantitative data support:	Training , Awareness programs were conducted to motivate the farmers to join the group and to develop self-empowerment through FPC. Need based technical support was provided to the members for upgrading their skill and knowledge.
Timeline of the entrepreneurship development	2023
Technical Components of the Enterprise	Seed production, Vegetable production, Sapling production, Vermi compost production, flower production etc.
Status of entrepreneur before and after the enterprise	Farmers united as clusters to produce in bulk from several separate Single units.
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Supplying seeds, manures, saplings to the line departments and the farmers.
Horizontal spread of enterprise	Presently this enterprise has won the faith of the line departments as well as the farming community of Jhargram district that any produce under their banner would not be disappointing by any means.

4.6. Any other initiative taken by the KVK

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:

Date of completion:

Occupancy details:

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

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Jhargram KVK Revolving Fund	State Bank of India	Jhargram	40770695676
Jhargram KVK Main	State Bank of India	Jhargram	40770686468

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

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

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2013
	Kharif	Rabi	Kharif	Rabi	
Arahar	90,000.00		80,200.00		9,800.00

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

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	1,24,50,000.00	82,38,009.00	1,10,30,567.00
2	Traveling allowances	1,50,000.00	1,50,000.00	1,50,000.00
3	HRD	30,000.00	30,000.00	11,000.00
3	Contingencies			
A	Stationery, Telephone, Postage			
B	POL, Repairing of Vehicle,	4,40,000.00		
C	Meals/ Refreshment for Training		2,70,000.00	1,85,000.00
D	Training Materials	3,30,000.00		
E	Frontline Demonstration	1,65,000.00		
F	On Farm Testing	1,65,000.00		
G				
H				
I				
J	SCSP	18,00,000.00	7,90,000.00	5,62,000.00
TOTAL (A)		1,55,30,000.00	94,78,009.00	1,19,38,567.00
B. Non-Recurring Contingencies				
1	Works			
2	Administrative Building (1 st Installment)	93,94,000.00	93,94,000.00	50,00,000.00
3	Furniture/ Fixture/ Equipments		1,50,000.00	
4	Farm Pond			
	Implement Shed			
	Library	10,000.00	10,000.00	-
TOTAL (B)		94,04,000.00	95,54,000.00	50,00,000.00
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		2,44,11,000.00	1,90,32,009.00	2,69,38,567.00

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

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year (Kind + cash)
2021-22	0.00	0.00	0.00	0.00
2022-23	0.00	0.00	0.00	0.00
2023-24	0.00	0.00	0.00	0.00

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	5	44143
Livestock	1	8906
Fishery	1	8654
Weather	1	9558
Marketing		
Awareness		
Training information		
Other		
Total		71261

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	
2.	No. of farmers registered in the portal	102154
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
30.10.2023	Awareness programme in Bagghori primary school
31.10.2023	Vermi compost production for organic matter production
01.11.2023	Awareness programme in hotel of Jhargram block
02.11.2023	Awareness programme in rural village of Binpur 1 block

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. 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 Door Darshan (Yes/No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman ZilaPanchayat	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total		

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 amendmets (Gypsum, lime etc.)	tonnes				
5.22	Plant protection chemicals	kg				
5.23	Plant growth Promoter	kg				
5.24	Animal Feed	tonnes				
5.25	Animal Fodder	tonnes				
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	T	M	F	T	M	F	T		M	F	T

Crop Management

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

Livestock and fisheries

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

Institutional interventions

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

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)



