ANNUAL REPORT2024 (January-December 2024)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	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, 2024**)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/ OBC/ Others)
1	Senior Scientist& Head	Dr. Asim Kumar Maiti	Senior Scientist& Head	Plant Protection	Level 13A (Rs 1,31,400-2,17,100/-), Basic- Rs. 1,66,400/-	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							
4	Subject Matter Specialist	Mr. Sayak Das	Subject Matter Specialist	Soil Science	Level 10 (Rs. 56,100-1,77,500/-) Basic- Rs. 63,100/-	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. 43,600./-	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. 49,000/-	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. 42,300/-	09.03.2017	Permanent	General
12	Stenographer							
13.	Driver	Mr. Manoj Pal	Driver		Level 3 (Rs. 21,700-69,100/-) Basic- Rs. 27,600/-	18.04.2011	Permanent	OBC
14.	Driver	Mr. Chandra Sekhar Mandi	Driver		Level 3 (Rs. 21,700-69,100/-) Basic- Rs. 27,600/-	18.04.2011	Permanent	ST
15.	Supporting staff	Mr. Sundar Hansda	Supporting staff		Level 1 (Rs. 18,000-56,900/-) Basic- Rs. 22,800/-	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					√	300	Under use	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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
WB-50D 9266 Bolero	2021	793167.00	60726	Running

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
b. Farm machinery				
c.AV Aids				
Projector	2022	32000.00	Running	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund

1.8. Detailsof SAC meeting* conducted in the year

Action Taken Report on the proceedings of last SAC Meeting

Date: 15.03.2024 **Number of Participants: 27**

Sl. No.	Salient Recommendations	Action taken	If not conducted, state reason
1.	Agricultural technological intervention- viz. Fruit based cropping system, Poly-house, Shade net house, Micro-irrigation system and Agro-forestry based cropping system and supporting crops with considerations of the prevailing elephant threat.	As per Suggestion, to overcome the situation against threat of animal, especially elephant FLD was conducted on Fruit based cropping system (Lime with Chilli intercropping).	
2.	Varieties of the crops to be mentioned in OFT and FLDs. De-notified varieties are to be dropped favoring the new ones while conducting OFTs and FLDs.	Action taken: Crop variety names are mentioned in case of OFT & FLDs as per recommendation.	
3.	Marketing channels to be surveyed before Designing OFT and FLDs	Action taken.	
4.	OFT to be designed on controlling White fly in vegetable crops.	FLD conducted on control of white fly in bitter guard.	
5.	Low-cost Plant protection materials to be suggested to the farmers.	Low cost plant protection materials suggested to the farmers through advisory service, training etc.	
6.	Emphasis should be given on reduction & use of chemical Pesticides & fertilizers.	No. of training conducted on Natural Farming & Organic farming.	
7.	Promotion and popularization of Natural/ Organic farming as well as Bio-fertilizers, Bio-pesticides, IPM and INM measures may be done.	Training conducted on NF, Organic farming preparation of Bio-fertilizers, Bio-pesticides.	
8.	Irrigation components to be incorporated along with the plant protecting measures while designing OFTs.	In this year OFT designed by involving irrigation component along with the plant protecting measures.	

9.	Forest soil can be used as a substitute of Jeevamruth in FLD and these products should be produce through SHG.		
10.	OFT designed by SMS, Soil Science on use of sulphur should be recast.	Done	
11.	Latest variety of IIHR along with the latest varieties of Odisha and W.B. can be incorporated during OFT design of Water melon and other Vegetables.	Not done	Supply order was sent to ICAR-IIHR, Bengaluru, and Communication was made with Bhubaneshwar, Odisha but they could not supply our desired varieties till to date.
12.	Soil testing be ensured in KVK.		
13.	Front Line Demonstration may be conducted on Millets and new dwarf variety of Cashew, released by BCKV, seed spices, Pine apple, Potato seed, Paddy varieties namely Dhruva, Pushpa, Samridhi etc., Black gram, Tuber crops namely sweet potato and Summer moong.	FLD conducted on Dwarf Var. of Cashew (Bidhan Bonsai)	Interested group of farmers for conducting FLDs on Seed spices, Pine apple & sweet potato could not be found.
14.	Seed certification process with help of KVK to be assured to the farmers provided with Foundation seeds as inputs.	Done in collaborative approch with FPC - for Paddy (Jhargram Krishi Kalyan FPC ltd., Ankro, Binpur – I) For Groundnut – (Sashya Sarathi FPC ltd., Binpur – I)	
15.	Beetle-vine to be considered for OSTs as well as OFTs in convergence with ATMA.		Interested group of farmers for conducting OFTs could not be found.
16.	Training may be conducted on goatery, duckery, piggery, poultry and cattle farming with the help of distt. ARD Deptt.		Owing to vacancy of Subject Matter Specialist (Animal Husbandry) and infrastructure the recommended could not be articulated.
17.	Crop meuseum for different crops may be established in KVK	Process Initiated and Ongoing.	

18.	Success stories of farmers/farm women of Jhargram district to be provided to Doordarshan / Media for broadcasting.		
19.	Emphasis should be given for construtcion of farmers hostel, farm infrastructure and farm approach Road of KVK.	Process Initiated and Ongoing.	
20.	More activities are to be taken up in the Jhargarm KVK vicinity along with the existing distant outreach programs.	Other Activities: ➢ RAWE Programme ➢ Sponsored training programme under Project Unnati ➢ Natural Farming Project ➢ Pilot Project on Crop Diversification in collaborative approach with ICAR-NBSS-LUP Kolkata ➢ Swachha Bharat Programme ➢ Training Programme in collaborative approach with IFFCO.	
21.	Technologies already developed by RRS Jhargram and recommendations from recent concluded research of the AICRPs located in the station may be actively considered while developing OFT and FLD.	FLD on Dwarf Cashew (Bidhan Bonsai)	
22.	Filling of vacant post of KVK may be done on urgency basis.	Hope that University will take necessary action as earliest possible.	

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

JhargramKrishiVigyan Kendra
Bidhan Chandra KrishiVishwavidyalaya
Kadamkanan, P.O &Distt.: Jhargram
West Bengal – 721507
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PROCEEDING OF THE 3RD SCIENTIFIC ADVISORY COMMITTEE (SAC) MEETING JHARGRAM KVK

VENUE – JHARGRAM KVK, BCKV, JHARGRAM

DATE –MARCH 15, 2024

Members Present:

1. Dr.Goutam Saha, Vice Chancellor, BCKV (Online)
2. Dr. Pintoo Bandapadhyay, Director of Extension Education, BCKV
3. Dr. Avijit Haldar, Representative, ICAR-ATARI, Kolkata
4. Dr. Rajib Nath, Associate Director of Research, BCKV
5. Dr. Asim Kumar Maiti, Senior Scientist & Head, Jhargram KVK
6. Dr. Mini Poduval,RRS Jhargram, BCKV
7. Dr. S. Chakraborty, ADF& CEO, Jhargram
8. Dr. Chanchal Datta, AD. ARD, Jhargram
9. Mr. Akash Sharma, DDM, NABARD, Jhargram (Online)
10. Mr. Ranjit Kumar Dutta, LDM, Jhargram
11. Mr. S. K. Bandyopadhyay, DDA (Admin.), Jhargram
12. Mr. Susanta Pal, JE (Civil)
13. Mr. Subodh Chandra Ghosh, JE (Civil)
14. Mr. Biswajit Ganguly, Manager, DIC, Jhargram
15. Mr. Balaram Panja, ADFO, Jhargram
16. Mr. Anjan Das, ADH, Jgargram
17. Mr. Sarjen Hansda, Prograssive Farmer, Chhandpara, Binpur – I, Jhargram
18. Mr. Sandip Ghosh, Prograssive Farmer, Bansajuri, Binpur – I, Jhargram
19. Mr. Pradip Sing, Bhadrapal, Farmers Representative,NF,Jhargram
20. Mr. Sukchand Murmu, Farmers Representative, FC,NF,Jhargram
21. Ms. Sumita Mahata, Women Farmers Representative,Jhargram
22. Ms. Anupama Das Hati, Women Farmers Representative,, Jhargram
23. Dr. Srabani Das, SMS (Horticulture), Jhargram KVK
24. Mr. Sayak Das, SMS (Soil Science), Jhargram KVK
25. Dr. Tonmoy Sengupta, PA (Lab. Technician), Jhargram KVK
26. Mr. Susanta Kumar Nayak, PA (Computer), Jhargram KVK
27. Mr. Somnath Sarkar, Assistant, Jhargram KVK

Agenda:

1. Read and conformation of last proceeding of the SAC meeting
2. Presentation of Annual Progress Report 2023
3. Approval of Action Plan 2024
4. Miscellaneous with kind approval of the Chairman

Proceeding:

Dr. Rajib Nath, ADR, BCKV & In- charge, RRS Jhargram, BCKV welcomed to the participants and he highlighted about different ongoing activities of RRS, Jhargram, BCKV. He invited the Jhargram KVK to get support from the RRS Scientists and facilities, in better functioning in different programs including training.

Dr. Avijit Haldar, Representative, ICAR-ATARI, Kolkata explained about the ICAR mandates, importance of the SAC meeting and mode of convergence of different programmes with district line departments to strengthen the KVK activities in the district. He informed to the house that nearly 1.44crore rupees have been sanctioned and released for the construction of the New Administrative Building of this KVK. In his speech he suggested that host organization should take necessary action to fulfill the vacant position of KVK. He suggested that thrust area should be mentioned specifically in relation to agro-climatic condition and ongoing national flagship program in the district. He suggested to all the members of distt. Line departments to take necessary support from the KVK as a resource centre of the district for transfer of new technologies in the district.

Dr. Pintoo Bandapadhyay, Director of Extension Education, BCKV, on behalf of Chairman of the SAC meeting, Jhargram KVK presided over the meeting as delegated by the Hon'ble Vice Chancellor in his online wishes to the gathering. He welcomed the esteemed members and expressed his thankfulness to all the members and invited their active participation with fruitful suggestions for preparation of the annual action plan of KVK.

With permission of the Chairman, Dr. Asim Kumar Maiti, Senior Scientist & Head, Jhargram KVK & Member Secretary of the SAC meeting read the action taken report on the proceeding of last SAC meeting and confirmed by the house. Afterwards he presented the annual progress report of this KVK from January 2023 to December 2023 and appreciated by the house with specific feedback too. Further, the Action Plan for the period from January 2024 to December 2024 was presented and the following salient recommendations were resolved by the house.

A. Agricultural technological intervention- viz. Fruit based cropping system, Poly-house, Shade net house, Micro-irrigation system and Agro-forestry based cropping system and supporting crops with considerations of the prevailing elephant threat. ,
B. Varieties of the crops to be mentioned in OFT and FLDs. De- notified varieties are to be dropped favouring the new ones while conducting OFTs and FLDs.
C. Marketing channels to be surveyed before Designing OFT and FLDs.
D. OFT to be designed on controlling White fly in vegetable crops.
E. Low cost Plant protection materials to be suggested to the farmers.
F. Emphasis should be given on reduction &use of chemical Pesticides & fertilizers.
G. Promotion and popularization of Natural/ Organic farming as well as Bio-fertilizers, Bio-pesticides, IPM and INM measures.
H. Irrigation components to be incorporated along with the plant protecting measures while designing OFTs.
I. Forest soil can be used as a substitute of Jeevamruth in FLD and these products should be produce through SHG.
J. OFT designed by SMS, Soil Science on use o fsulphur should be recast.
K. Latest variety of IIHR along with the latest varieties of Odisha and W.B. can be incorporated during OFT design of Water melon and other Vegetables.
L. Soil testing be ensured in KVK.
M. Front Line Demonstration may be conducted on Millets and new dwarf variety of Cashew, released by BCKV, seed spices, Pine apple, Potato seed, Paddy varieties namely Dhruva, Pushpa, Samridhi etc., Black gram, Tuber crops namely sweet potato and Summer moong.
N. Seed certification process with help of KVK to be assured to the farmers provided with Foundation seeds as inputs.
O. Beetle-vine to be considered for OSTs as well as OFTs in convergence with ATMA.
P. Training may be conducted on goatery, duckery, piggery, poultry and cattle farming with the help of distt. ARD Deptt.
Q. Crop meuseum for different crops may be established in KVK.
R. Success stories of farmers/farm women of Jhargram district to be provided to Doordarshan/Media for broadcasting.

S. 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 of KVK.

T. More activities are to be taken up in the Jhargarm KVK vicinity along with the existing distant outreach programs.

U. Technologies already developed by RRS Jhargram and recommendations from recent concluded research of the AICRPs located in the station may be actively considered while developing OFT and FLD.

V. Filling up deficient staff positions is an issue of importance for the KVK.

W. A stronger liaison with the line agencies and stakeholders is also hinted.

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

(Dr. Asim Kumar Maiti)	18/03/2024 **(Dr. Pintoo Bandapadhyay)**
Member-Secretary, SAC Meeting	Chairman, SAC Meeting
Senior Scientist & Head	Director of Extension Education
Jhargram KVK, BCKV	BCKV

2.a. District level data on agriculture, livestock and farming situation (2024)

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 15-440C 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	Area: 16190 ha. Production: 239810 MT
VII.	Fruits	Area: 6260 ha. Production: 50650 MT
6	Mean yearly temperature, rainfall, humidity of the district	
	Mean yearly temperature	25°C
	Total rainfall	1215.53 mm
	Mean humidity	58.9
7	Production of major livestock products like milk, egg, meat etc.	
	Products	Production /year
I.	Milk	135740ton
II.	Egg	73450 cr.
III.	Meat	46500 ton
IV.	Wool	41690 kg

Note: Please give recent data only

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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1.	Jhargram	Binpur - I	Ankro, Kui, Belatikri, Daribhadrapal, Chhuchada, Nischintapur, Chandra, Bidyardanga, Chikurdanga, Balarampur, Andharia, Moulara, Kurkutsole, Basantapur.Baranala,Kui, Sundraguri,Amainagar, Rasikpur,	Agronomical Crops - PaddyOilseeds- Groundnut, Sesamum, Mustard, Pulses – Green gram, Black gram, Lathyrus, Lentil, Arhar, Vegetables – Brinjal, Potato, Okra, Cbbage, 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.	• 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,Kanko,Chinbera, Dhapahari, Korasai, Bindadhara, Belpahari, Harda,Koratsol,Chotomurgi, Bhadrapal,Sahari			
3.		Jamboni	Kukurmuri, Chandabilla, Kapatkata, Alampur, Alampur, Parihati, Bhaluka,Dakhinsol,			
4.		Jhargram	Bhadrapal, Bandhgora, Nuniakudri, Chowkichoti, Raghunathpur, Malapada, Ghoradhora,Nakat,Fulberia			
5.		Gopiballabhpur-I	Chhatanasole			

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

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

Name of village	Block	Activities taken up for development
Nokat	Jhargram	Training & Demonstration , Control of BPH in Aman Paddy, Control of fruit fly in ridge guard by using different pesticides.
Nuniakundri	Jhargram	Training & Demonstration, Mustard production, Organic Vegetable Cultivation, Tuberose and Control of Leaf minor in Groundnut
Fulberia	Jhargram	Training & Demonstration, Organic Vegetable Cultivation and Control of Leaf minor in Groundnut
Bansber	Binpur-I	Training& Demonstration on Dragon fruit cultivation
Murrar	Binpur-I	Training& Demonstration on Dragon fruit cultivation
Belatikri	Binpur-I	Training & Demonstration on Control of Brinjal fruit & Shoot Borer
Sundraguri	Binpur-I	Training &Demonstration commercial flower cultivation, Kitchen garden development
Kui	Binpur-I	Training & Demonstration on Aman Paddy
Boronala	Binpur-I	Training & Awareness camp on Natural Farming
Rasikpur	Binpur-I	Training & Awareness camp.
Ankro	Binpur-I	Training & Awareness camp, Demonstration on Quality Paddy Seeds
Bandorboni	Binpur-I	Training & Awareness camp on Natural Farming
Amainagar	Binpur-I	Training & Demonstration, Crop diversification project.
Sahari	Binpur-II	Training & Awareness camp on Natural Farming
Raghunathpur	Binpur-II	Training &Demonstration on Promotion of dwarf Cashew var. Bidhan Bonsai
Murkhunia	Binpur-II	Training & Demonstration, Crop diversification project.
Beliabera	Binpur-II	Training & Awareness camp
Kendbani	Binpur-II	Training & Awareness camp
Bhadrapal	Binpur-II	Training & Demonstration, Crop diversification project.
Sirisboni	Binpur-II	Training, Demonstration, , Control of Blast disease of Paddy
Murkhunia	Binpur-II	Training, Demonstration, , Control of Brinjal fruit & Shoot Borer
Bansajuri	Binpur-II	Training & Awareness camp and Demonstration on Control of fruit fly in ridge guard
Jamirasuli	Binpur-II	Training & Demonstration on commercial flower cultivation
Diasi-Bakra	Binpur-II	Training & Demonstration on Leaf minor in Groundnut
Kanko	Binpur-II	Training & Awareness camp and Demonstration on Natural Farming
Nandalalpur	Binpur-II	Training & Awareness camp on Natural Farming
Bhaluka	Jamboni	Training & Demonstration on Novcom Compost , Intercropping of Chilli in Lime orchard and Organic vegetable cultivation, NFT in Paddy and Black Gram.
Dakhinasol	Jamboni	Training & Field days
Chitamatia	Gopi-I	Training& Demonstration on Marigold production.
Sumitrapur	Gopi-I	Training and Varietal Trial of Chrysanthemum in Red and Lateritic zone of Jhargram
Sarsa	Gopi-I	Training and Varietal Trial of Chrysanthemum in Red and Lateritic zone of Jhargram

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 corps, 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
15.	Promotion of Natural Farming System

3. TECHNICAL ACHIEVEMENTS

3.A.Details of target and achievement of mandatory activities by KVK during the year

OFT											
No. of technologies tested:											
Number of OFTs		Number of farmers									
Target	Achievement	Target	Achievement								
			SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T
9	5	90	10	3	2	0	26	9	38	12	50

FLD											
No. of technologies demonstrated:											
Number of FLDs		Number of farmers									
Target	Achievement	Target	Achievement								
			SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T
16	13	355	146	38	0	0	65	24	211	62	273

Training											
Number of Courses		Number of Participants									
Target	Achievement	Target	Achievement								
			SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T
96	61	1883	701	392	218	174	304	147	1223	713	1936

Extension activities											
Number of activities		Number of participants									
Target	Achievement	Target	Achievement								
			SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T
339	276	2644	646	152	442	194	953	220	2041	566	2607

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

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

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

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

* Give no. only in case of fish fingerlings

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper							
Seminar/conference/ symposia papers							
Books							
Bulletins							
News letter							
Popular Articles							
Book Chapter							
Extension Pamphlets/ literature	3	236					
Technical reports	8						
Electronic Publication (CD/DVD etc)							
TOTAL							

3.1 Achievements on technologies assessed and refined

ON FARM TESTING – 1

1.	Title of On farm Trial	Assessment of yield performance of different Tuberose (*Polianthestuberosa*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: Low 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**	Spike Length (cm)	No. of floret/spike	**Yield component (Spike Yield) (lakh/ha)**	**Cost of cultivation (Rs./ha)**	**Gross return (Rs/ha)**	**Net return (Rs./ha)**	**BC ratio**
Farmers Practice (FP): Local variety.	10	54.06	25.61	3.00	4.00	9.00	5.00	1.25
Technology option-I: Cultivation of the variety 'Prajwal'	10	108.97	38.35	3.25	6.25	19.50	13.25	2.12
Technology option-II: Cultivation of the variety 'Bidhan Snigdha'	10	61.21	29.84	3.15	6.25	18.90	12.65	2.02
Technology option-III: Cultivation of the variety 'BidhanUjjal'	10	64.69	34.77	3.50	6.25	21.00	14.75	2.36
CD at 5%		**0.08**	**0.02**	**0.02**				
SE(m)		**0.02**	**0.004**	**0.01**				

Results: Among all the technologies **Tech. Option-III (Variety: Bidhan Ujjal)** proves to be best so far with 2.36 B:C ratio.

ON FARM TESTING – 2

1.	Title of On farm Trial	Assessment of varietal performance of Chrysanthemum (*Dendrathema grandiflorum*) in the red and lateritic zone of Jhargram.
2.	Problem diagnosed	Poor yield.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Treatments:** **Farmers Practice (FP):** Cultivation of local variety **Technology option-I:** Cultivation of the variety 'Urban' **Technology option-II:** Cultivation of the variety 'Star' **Technology option-III:** Cultivation of the variety 'Aishwaria'
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Kavitha, P.S., Sudha, A., & Sriram, N. (2019). Assessment of Chrysanthemum (*Dendrathema grandiflorum*) varieties for Yield and Productivity in Salem District. J Krishi Vigyan, 8 (**1**): 8-12.
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: Low Variety
Technology assessed:
Farmers Practice (FP): Cultivation of local variety

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

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

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

Table:

Technology option	No. of trials	Plant Height (cm)	Plant Spread (cm)	Yield component (Flower Yield) (lakh/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Farmers Practice (FP): Local variety.	10	31.50	15.25	5.10	5.60	12.75	7.15	1.27
Technology option-I: Cultivation of the variety 'Urban'	10	33.50	17.65	6.25	5.60	15.62	10.02	1.78
Technology option-II: Cultivation of the variety 'Star'	10	33.85	17.98	6.10	5.60	15.25	9.65	1.72
Technology option-III: Cultivation of the variety 'Aishwaria'	10	34.75	18.45	6.74	5.60	16.85	11.25	2.00
CD at 5%		**0.09**	**0.08**	**0.04**				
SE(m)		**0.02**	**0.02**	**0.01**				

Results: Among all the technologies **Tech. Option-III (Variety:** Aishwarya**)** proves to be best so far with 2.00 B:C ratio.

ON FARM TESTING – 3

1.	Title of On farm Trial	**Control of Fruit Flies in Ridge Guard by using different Pesticides (Rabi – Summer)**.
2.	Problem diagnosed	**Damage of Ridge Guard due to severe attack of Fruit Flies**
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmers practice:** Application of different pesticides as per directives of the local input dealers **Technology Option-I:** Application of Spinosad 45 SC @ 0.25 ml. / lt. water at 10 days interval during fruiting season. **Technology Option-II:** Application of Emamectin benzoate 5 SG @ 1 gm / lt. water at 10 days interval during fruiting season. **Technology Option-III:** Application of Deltamethrin 2.8 EC @ 1.25 ml. / lt. water at 10 days interval during fruiting season.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	International Journal of Chemical Studies 2018; 6(5): 2428-2432
5.	Production system and thematic area	Rice – Vegetables IPM
6.	Performance of the Technology with performance indicators	Technology option – I 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-I I *i.e*** Application of Spinosad 45 SC @ 0.25 ml. / lt. water at 10 days interval during fruiting season 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: Damage of Ridge Guard due to severe attack of Fruit Flies.

Technology assessed:
Farmers practice: Application of different pesticides as per directives of the local input dealers
Technology Option-I: Application of Spinosad 45 SC @ 0.25 ml. / lt. water at 10 days interval during fruiting season.
Technology Option-II: Application of Emamectin benzoate 5 SG @ 1 gm / lt. water at 10 days interval during fruiting season.
Technology Option-III: Application of Deltamethrin 2.8 EC @ 1.25 ml. / lt. water at 10 days interval during fruiting season.

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 pest infestation	% of Efficacy of Treatments	% of more yield than Farmers Practice					
Farmers practice: Application of different pesticides as per directives of the local input dealers	10	49.77	14.67		145.59	103530	174708	71178	1.69
Technology Option-I: Application of Spinosad 45 SC @ 0.25 ml. / lt. water at 10 days interval during fruiting season.	10	12.86	80.39	44.78	210.78	114610	252936	138326	2.21
Technology Option-II: Application of Emamectin benzoate 5 SG @ 1 gm / lt. water at 10 days interval during fruiting season.	10	17.59	69.35	25.61	182.88	111860	219456	107596	1.96
Technology Option-III: Application of Deltamethrin 2.8 EC @ 1.25 ml. / lt. water at 10 days interval during fruiting season.	10	23.18	57.51	3.92	151.29	104255	181548	77293	1.74
CV%		8.44	4.97		15.99				
S.Em		0.22	0.28		2.76				
CD at 5%		0.85	1.08		10.82				

Results:
Among all the technologies **Tech. Option- I *i.e*** Application of Spinosad 45 SC @ 0.25 ml. / lt. water at 10 days interval during fruiting season proved itself as a best technology to control the fruit fly in ridge guard with 2.21 B:C ratio.

ON FARM TESTING – 4

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 pest infestation	% of Efficacy of Treatments	% of more yield than Farmers Practice					
Farmers practice: Application of pesticides as per directives of the local input dealers	10	**61.95**	**15.07**		**20.55**	86720	143850	57130	1.66
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	**15.08**	**76.06**	34.94	**27.73**	93590	194110	100520	2.07
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	**19.43**	**66.35**	23.94	**25.47**	92460	178290	85830	1.93
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	**9.97**	**85.71**	43.36	**29.46**	95640	206220	110580	2.16
CV%		**8.98**	**5.43**		**5.61**				
S.Em		**0.24**	**0.33**		**0.14**				
CD at 5%		**0.94**	**1.29**		**0.57**				

Results:
Among all the technologies **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 with 2.16 B:C ratio.

ON FARM TESTING – 5

1.	Title of On farm Trial	Evaluation of performance of of different types of bio-fertilizeron the yield of an indigenous variety of Aman Paddy
2.	Problem diagnosed	Low productivity, Soil crusting due to lack of INM during *kharif* 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**: Irregular Application of Fertilizeri.e RDF (80:40:40) **Technology option 1:** Application of Ghanjeevamruth 2 tonnes/ha at land preparation + application of 10 % Jeevamrutha solution every 15 days after 4 leaf stage of paddy **Technology option 2:**75% RDF + FYM 5 tonnes/ha + IFFCO Sagarika @2ml/l (3 times during growth phase) + Panchagavya 3 % at booting and tillering stage.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TNAU, MANAGE
5.	Production system and thematic area	Paddy-Vegetable-Sesame
6.	Performance of the Technology with performance indicators	From the result of **Technology option2, it is clear that** 75% RDF + FYM 5 tonnes/ha + IFFCO Sagarika @2ml/l (3 times during growth phase) + Panchagavya 3 % at booting and tillering stage, exhibited higher yield than the farmer practice.
7.	Final recommendation for micro level situation	75% RDF + FYM 5 tonnes/ha + IFFCO Sagarika @2ml/l (3 times during growth phase) + Panchagavya 3 % at booting and tillering stage. is suitable and sustainable for farmer than farmer's 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: NM
Problem definition: Low productivity of rice due to irregular fertilizer use
Table: Effect of different inputs on paddy cultivation
Variety :Bhootmuri (indigenous)

Table:

Technology option	No. of trials	No. of Panickle /hill	No of spikelets/ panickle	Yield (kg/ha)	Cost of cultivation(Rs/ha)	Gross Return (Rs/ha)	Net Return (Rs./ ha)	BC Ratio
Farmers' Practice : Irregular use of Nutrients (RDF 80:40:40)	10	12	100	3600	45520	75600	30080	1.66
Technology Option I : Application of Ghanjeevamruth 2 tonnes/ha at land preparation + application of 10 % Jeevamrutha solution every 15 days after 4 leaf stage of paddy		10	95	3200	36280	67200	30920	1.85
Technology Option II : 75% RDF + FYM 5 tonnes/ha + IFFCO Sagarika @2ml/l (3 times during growth phase) + Panchagavya 3 % at booting and tillering stage.		17	125	4300	41325	90300	48975	2.18
SEm±		**0.5**	**3.0**	**0.15**	-	-	-	-
CD(P=0.05)		**1.4**	**8.3**	**0.42**	-	-	-	-

Result: It has been found that the TO-II (75% RDF + FYM 5 tonnes/ha + IFFCO Sagarika @2ml/l (3 times during growth phase) + Panchagavya 3 % at booting and tillering stage performed the best while reducing cost of cultivation and a sustainable approach towards cost saving and soil health preservation.

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.	Paddy, MTU 7029	IDM	Control of Blast disease of Paddy	2	2	3	-	-	-	16	1	19	1	20	Paddy, MTU 7029
2.	Paddy High yielding variety	IPM	Control of BPH in Paddy	2	2	-	-	-	-	19	22	19	22	41	Paddy High yielding variety
3.	Paddy	Quality seed supply	Variety- MTU-7029	1	1	8	0	0	0	0	0	8	0	8	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P_2O_5	K_2O					
Brinjal	Rabi-Summer – 2023-24	Irrigated	Sandy Loam	Medium	Low	Low	Paddy	28.10.23	20.04.24	-	-
Mustard	Rabi – 2023	Irrigated	Sandy Loam	Medium	Low	Low	Paddy	21.10.23	08.03.24	-	-
Brinjal	Rabi-Summer – 2023-24	Irrigated	Sandy Loam	Medium	Low	Low	Paddy	16.11.23	22.05.24	-	-
Paddy	Rabi – Summer 2023-24	Irrigated	Sandy Loam	Medium	Low	Low	Paddy	16.12.23	25.03.24	-	-
Paddy	Kharif-2024	Rain fed	Sandy Loam	Medium	Low	Low	Sesame	04.07.24	10.21.24	926	28

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
Mustard, Kesari Gold	IPM	Control of aphid in Mustard	20	2	15.7	11.4	37.7	41750	94200	52450	2.27	39540	68400	28950	1.73
Total															

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

Pulses

Frontline demonstration on pulse crops

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

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

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demons ration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Paddy	Supply of quality seed	Lal Swarna (Var. 7029)	08	1	75	60	25			85000	135000	50000	1.58	85000	108000	50000	1.27
Brinjal, High yielding variety	IPM	Control of Brinjal Fruit and shoot Borer	20	2	288	234	23			106350	230400	124050	2.17	102150	187200	85050	1.83
Brinjal, High yielding variety	IPM	Control of Brinjal Fruit and shoot Borer	20	2.5	294	246	19.5			105660	235200	129540	2.27	101750	196800	95050	1.93
Paddy, High yielding	IDM	Control of Blast disease of Paddy	20	2	62.2	54.5	14.13			73625	121290	47665	1.65	71545	106275	34730	1.49
Paddy High yielding variety	IPM	Control of BPH in Paddy	41	2	60.6	53.2	13.91			72430	118170	45740	1.63	71220	103740	32520	1.46
Lime + Chilli (var. Suryamukhi)	Intercropping	Intercropping of Lime & Chilli	30	0.25	81	70				175000	445500	270500	1.54	150000.00	336000	186000	1.24
Marigold (Serakol)	Cultivation of marigold	Cultivation of marigold	20	0.2	165	125				150000	495000	345000	2.30	150000	375000	225000	1.50
Dragon fruit (Pink Rose)	Dragon Fruit cultivation	Scientific cultivation of dragon Fruit in the red and lateritic zone of Jhargram	30	0.2	-	-				1400000	-	-	-	-	-	-	-
Cashew	Cultivation of Cashew (Var. Bidhan Bonsai)	Cultivation of Cashew (Var. Bidhan Bonsai)			-	-				52000	-	-	-	-	-	-	-
Tomato (5005)	Organic cultivation	Organic cultivation of Vegetable crops			468	342				86520	187200	100950	2.17	82500	140220	57720	1.70

Nano Urea + Sagarika	Nutrient Management	Introduce use of nano urea to reduce the soil application of urea granules	17	01	50.3	45.2	11.2			71250	130125	58875	1.82	69355	113000	43645	1.62
Application of Novcom Compost	Nutrient Management	Lowcost 21 days compost to reduce straw burning and its application in vegetables	12	0.5	-	-	-			-	-	-	-	-	-	-	-
		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.)			
					Demons ration	Check		Demons ration	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.)			
					Demons ration	Check		Demons ration	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			
				Demons ration	Check		Demons ration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	Enterprise development															
Button mushroom																
Vermicompost																
Sericulture																
Apiculture																
Others (pl.specify)																
Total																

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

Women empowerment

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

Farm implements and machinery

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

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

Demonstration details on crop hybrids

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
Cereals				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (Pl.specify)										
Total										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (Pl.specify)										
Total										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (Pl.specify)										
Total										
Vegetable crops										
Bottle gourd										
Capsicum										

Cucumber										
Tomato										
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (Pl.specify)										
Total										
Commercial crops										
Cotton										
Coconut										
Others (Pl.specify)										
Total										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (Pl.specify)										
Total										

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1.	Brinjal, High yielding (under SCSP)	Spraying of Spinosad 45 SC @ 0.25 ml. / lt. water & Emamectin benzoate 5 SG @ 1 gm / lt. water at 10 days interval during fruiting season Control the Brinjal Fruit and shoot Borer successfully.
2.	Mustard, Kesari Gold	Spraying of Deltamethrin 2.8 % @ 1.5 ml. / lt. water effectively control the aphid in Mustard.
3.	Brinjal, High yielding	Spraying of Cartap hydrochloride 50 SP @ 01 gm. / lt. water Control the Brinjal Fruit and shoot Borer effectively.
4.	Paddy, MTU 7029	Spraying of Tricyclozole 75% WP @ 0.6 gm. / lt. water effectively Control the Blast disease of Paddy.
5.	Paddy High yielding variety	Spraying of Acephate 50% + Imidacloprid 1.8% SP @ 01 gm. / lt. water effectively Control the BPH in Paddy.
6.	Paddy	Good quality seed increase crop yield Farm income was also increased due to increased production
7.	Lime &Chilli	Lime & Chilli intercropping can be a solution to the damages caused to the farming community by wild animals.
8.	Marigold	Cultivation of marigold is quite profitable for this area and farmers are showing interest to grow it commercially.
9.	Tomato	Organic cultivation of Tomato is profitable and economic for this area.

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	08.02.24, 18.04.24, 17.05.24, 29.05.24, 23.10.24	5	53	• Intercropping of Brinjal & Marigold • Scientific Cultivation of Bittergourd • Scientific Cultivation of Yard long bean • Rejuvination of Cashew Orchard • Scientific Cultivation of Okra
2.	Farmers Training				
3.	Media coverage				
4.	Training for extension functionaries				

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

A. Technical Parameters:

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

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio

C. Socio-economic impact parameters

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

D. Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any

E. Specific Characteristics of Technology and Performance

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

F. Extension activities under FLD conducted:

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

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

H. Farmers' training photographs

I. Quality ActionPhotographs of field visits/field days and technology demonstrated.

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input			
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
	Total			

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

A) Farmers and farm women (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management													
Soil & water conservation													
Integrated nutrient Management													
Production of organic inputs													
Others													
Total													
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Offseason vegetables													
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Organic Cultivation													
Total (a)													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition													
Others													
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management	2	0	0	0	31	4	35	5	0	5	36	4	40
Integrated water management													
Integrated Nutrient Management	1	0	0	0	7	5	12	0	0	0	7	5	12
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer	1	0	0	0	0	0	0	13	0	13	13	0	13
Soil & water testing													
Natural Farming Systems													
Total													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	1	0	14	14	0	0	0	0	15	15	0	29	29
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													

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
Storage loss minimization techniques													
Value addition													
Women empowerment													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													
Others													
Total													
VI. Agril. Engineering													
Farm machinery & its maintenance													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others													
Total													
VII. Plant Protection													
Integrated Pest Management	1	0	0	0	21	0	21	0	0	0	21	0	21
Integrated Disease Management													
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bioagents production													
Biopesticides production													
Bio0fertilizer production													
Vermicompost production	1	0	0	0	12	8	20	0	0	0	12	8	20
Organic manures production													
Production of fry and fingerlings													

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 Bee0colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													
Total													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others													
Total													
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	**07**	**0**	**14**	**14**	**71**	**17**	**88**	**18**	**15**	**33**	**89**	**46**	**135**

B) Rural Youth (on campus)

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

C) Extension Personnel (on campus)

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

D) Farmers and farm women (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management													
Soil & water conservation													
Integrated nutrient Management	4	8	7	15	57	39	96	5	0	5	70	46	116
Production of organic inputs													
Others													
Total													
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off season vegetables	1	0	0	0	0	12	12	0	0	0	0	12	12
Nursery raising	1	0	0	0	0	11	11	0	0	0	0	11	11
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation	1	0	0	0	0	10	10	0	6	6	0	16	16
Organic Cultivation	1	0	0	0	8	0	8	0	0	0	8	0	8
Total (a)													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit	1	3	11	14	3	20	23	0	0	0	6	31	37
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits	1	0	0	0	9	12	21	1	5	6	10	17	27
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)													
c) Ornamental Plants													
Nursery Management	3	6	1	7	35	3	38	0	0	0	41	4	45
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													

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 and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition	1	3	0	3	8	3	11	0	0	0	11	3	14
Others													
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology	1	2	0	2	4	1	5	18	3	21	24	4	28
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management													
Integrated water management													
Integrated Nutrient Management													
Production and use of organic inputs	1	12	0	12	3	0	3	0	0	0	15	0	15
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer	1	32	7	39	6	3	9	2	2	4	40	12	52
Soil & water testing													
Natural Farming Systems	15	136	69	205	303	153	456	120	112	232	559	334	893
Total													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through													

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
SHGs													
Storage loss minimization techniques													
Value addition													
Women empowerment													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													
Others													
Total													
VI. Agril. Engineering													
Farm machinery & its maintenance	5	0	0	0	54	45	99	0	0	0	54	45	99
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others													
Total													
VII. Plant Protection													
Integrated Pest Management	3	35	9	44	8	5	13	21	17	38	64	31	95
Integrated Disease Management	3	12	11	23	25	20	45	0	0	0	37	31	68
Biocontrol of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production	5	10	2	12	54	21	75	0	0	0	64	23	87
Organic manures production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													
Total													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others													
Total													
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	48	259	117	376	577	358	935	167	145	312	1003	620	1623

E) RURAL YOUTH (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management of Horticulture crops	1	8	2	10	10	13	23	0	0	0	18	15	33
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	1	10	11	21	1	1	2	4	5	9	15	17	32
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	**2**	**18**	**13**	**31**	**11**	**14**	**25**	**4**	**5**	**9**	**33**	**32**	**65**

F) Extension Personnel (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	1	18	1	19	0	0	0	0	0	0	18	1	19
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Production and use of organic inputs													
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other													
Total	1	18	1	19	0	0	0	0	0	0	18	1	19

G) Consolidated table (ON and OFF Campus)

i. Farmers& Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management													
Soil & water conservation													
Integrated nutrient Management	4	8	7	15	57	39	96	5	0	5	70	46	116
Production of organic inputs													
Others													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Total													
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off-season vegetables	1	0	0	0	0	12	12	0	0	0	0	12	12
Nursery raising	1	0	0	0	0	11	11	0	0	0	0	11	11
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation	1	0	0	0	0	10	10	0	6	6	0	16	16
Organic Cultivation	1	0	0	0	8	0	8	0	0	0	8	0	8
Total (a)													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit	1	3	11	14	3	20	23	0	0	0	6	31	37
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits	1	0	0	0	9	12	21	1	5	6	10	17	27
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)													
c) Ornamental Plants													
Nursery Management	3	6	1	7	35	3	38	0	0	0	41	4	45
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition	1	3	0	3	8	3	11	0	0	0	11	3	14
Others													
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management	1	2	0	2	4	1	5	18	3	21	24	4	28

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
technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management	2	0	0	0	31	4	35	5	0	5	36	4	40
Integrated water management													
Integrated Nutrient Management	1	0	0	0	7	5	12	0	0	0	7	5	12
Production and use of organic inputs	1	12	0	12	3	0	3	0	0	0	15	0	15
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer	2	32	7	39	6	3	9	15	2	17	53	12	65
Soil & water testing													
Natural Farming Systems	15	136	69	205	303	153	456	120	112	232	559	334	893
Total													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	1	0	14	14	0	0	0	0	15	15	0	29	29
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Value addition													
Women empowerment													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Others													
Total													
VI. Agril. Engineering													
Farm machinery & its maintenance	5	0	0	0	54	45	99	0	0	0	54	45	99
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others													
Total													
VII. Plant Protection													
Integrated Pest Management	4	35	9	44	29	5	34	21	17	38	85	31	116
Integrated Disease Management	3	12	11	23	25	20	45	0	0	0	37	31	68
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production	6	10	2	12	66	29	95	0	0	0	76	31	107
Organic manures production													
Production of fry and													

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
fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													
Total													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others													
Total													
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	**55**	**259**	**131**	**390**	**648**	**375**	**1023**	**185**	**160**	**345**	**1092**	**666**	**1758**

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management of Horticulture crops	1	8	2	10	10	13	23	0	0	0	18	15	33
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	1	10	11	21	1	1	2	4	5	9	15	17	32
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
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	**2**	**18**	**13**	**31**	**11**	**14**	**25**	**4**	**5**	**9**	**33**	**32**	**65**

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	1	18	1	19	0	0	0	0	0	0	18	1	19
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Production and use of organic inputs													
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care													

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
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	18	1	19	0	0	0	0	0	0	18	1	19

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	Judicious use of Fertilizer to maintain soil health and reduce Cost of Cultivation	1	Off	40	12	52	8	5	13
Soil Science	PF/FW	Training on the efficient use of secondary nutrients on the cultivation of vegetables	1	Off	14	24	38	14	24	38
Soil Science(LT)	PF/FW	Training on “Farmers-Scientist interaction on commercial *rabi* vegetable cultivation”	1	Off	15	0	15	3	0	3
Soil Science	PF/FW	Awareness Programme on Natural Farming	1	Off	2	25	27	2	25	27
Plant Protection	PF/FW	Management of insect pest and disease of Major Pulse and Oilseed crops grown in the district	1	Off	15	0	15	15	0	15
Soil Science	PF/FW	Training Programme on Importance of Natural Farming	2	Off	70	14	84	47	9	56
Soil Science	PF/FW	Natural Farming, an age old low-cost practice of Agriculture	1	Off	29	0	29	11	0	11
Soil Science	PF/FW	Natural farming a culture of micro organisms	1	Off	32	0	32	28	0	28
Soil Science	PF/FW	Jeevamruth, a low cost substitute to chemical fertilizer	1	Off	16	23	39	16	23	39
Soil Science	PF/FW	Beejamruth, a lowcost organic seed priming solution	1	Off	45	0	45	45	0	45
Soil Science	PF/FW	Natural Farming , a lowcost traditional chemical free agriculture	1	Off	31	25	56	31	25	56
Soil Science	PF/FW	Natural Farming , a lowcost traditional chemical free agriculture	1	Off	20	4	24	20	4	24

Soil Science	PF/FW	Natural Farming and its component's use in Agriculture	2	Off	94	43	137	66	31	97
Soil Science	PF/FW	Natural Farming and the role of microbes in Promoting and Protecting crops in Agriculture	2	Off	92	67	159	41	30	71
Soil Science	PF/FW	Training Programme on Natural Farming scopes and Prospect in Jhargram District	2	Off	80	60	140	77	57	134
Soil Science	PF/FW	Input distribution of Vermi pit under SCSP	1	On	12	8	20	12	8	20
Soil Science	PF/FW	Input distribution of Groundnut under SCSP	1	On	7	5	12	7	5	12
Plant Protection	PF/FW	Management of insect pest and disease of Brinjal	1	On	21	0	21	21	0	21
Plant Protection	PF/FW	Organic Farming	1	Off	4	19	23	4	19	23
Horticulture	PF/FW	Summer Vegetable Cultivation	1	Off	0	12	12	0	12	12
Horticulture	PF/FW	Organic Vegetable Cultivation	1	Off	8	0	8	8	0	8
Horticulture	PF/FW	Nutritional Kitchen Garden Development	1	Off	0	11	11	0	11	11
Soil Science	PF/FW	Lowcost Vermicompost Production on HDPE	1	Off	12	8	20	12	8	20
Soil Science	PF/FW	Low cost Vermicompost Production	1	Off	12	0	12	12	0	12
Soil Science	PF/FW	Manual Sprayer distribution under SCSP	1	Off	25	0	25	25	0	25
Soil Science	PF/FW	Lowcost Vermicompost Production on HDPE	1	Off	15	0	15	15	0	15
Soil Science	PF/FW	Manual Sprayer distribution under SCSP	1	Off	14	0	14	14	0	14
Soil Science	PF/FW	Awareness Programme under Natural farming	1	Off	29	0	29	29	0	29
Soil Science	PF/FW	Input distribution of Dhainchya seeds under Natural Farming	1	Off	2	2	4	2	2	4
Soil Science	PF/FW	Sprayer distribution under SCSP	1	Off	0	20	20	0	20	20
Horticulture	RY	Skill development training programme and vocational Training Programme on “Nursery Management” under 100 days Training Programme.	5	Off	18	15	33	10	13	23
Soil Science	PF/FW	Natural Farming, and its prospect in agriculture	2	Off	9	31	40	4	19	23
Soil Science	PF/FW	Lowcost Vermicompost pit distribution	1	Off	10	0	10	10	0	10
Horticulture	EF	Collaborative Training and Capacity Building Programme of Practicing Farmers with NBSS-LUP, Kolkata, under the pilot project on Crop Diversification.	1	Off	18	1	19	0	0	0
Horticulture	PF/FW	Collaborative Training and Capacity Building Programme of Practicing Farmers with NBSS-LUP,	1	Off	29	0	29	29	0	29

		Kolkata, under the pilot project on Crop Diversification.								
Soil Science	PF/FW	Sprayer distribution under SCSP	1	Off	0	20	20	0	20	20
Horticulture	PF/FW	Latest Cultivation Technologies of Fruit Crops	1	Off	6	31	37	3	20	23
Soil Science(LT)	PF/FW	Vermi compost preparation and it's use(under 100 days)	3	Off	15	15	30	5	13	18
Plant Protection	PF/FW	Management of insect pest and disease of Aman Paddy	1	Off	18	12	30	6	1	7
Plant Protection	RY	Modern Technique of Bee - Keeping(under 100 days)	5	Off	15	17	32	5	6	11
Horticulture	PF/FW	Promotion of Marigold Cultivation	1	Off	20	0	20	20	0	20
Horticulture	PF/FW	Commercial Cultivation of Flowering Plants	1	Off	6	4	10	5	3	8
Soil Science	PF/FW	Sprayer distribution under SCSP	1	Off	15	5	20	15	5	20
Soil Science	PF/FW	Natural Farming, and its prospect in agriculture	2	Off	8	40	48	4	40	44
Horticulture	PF/FW	Nursery Management	2	On	20	4	24	11	2	13
Horticulture	PF/FW	Natural Farming practices for enriching soil health	1	Off	0	16	16	0	16	16
Horticulture	PF/FW	Scientific cultivation practices of Dragon fruit in Jhargram(under 100 days)	5	Off	10	17	27	10	17	27
Plant Protection	PF/FW	Disease and pest management in the nursery bed of vegetables	1	Off	24	14	38	6	5	11
Plant Protection	PF/FW	Management of insect pest and diseases of the major cole crops grown in the district.	1	Off	16	17	33	16	17	33
Horticulture	PF/FW	Cultivation of Medicinal and Aromatic Crops	1	Off	24	4	28	22	4	26
Soil Science(LT)	PF/FW	Scientific cultivation of Lentil in red and lateritic soil of Jhargram	1	Off	24	6	30	24	6	30
Soil Science(LT)	PF/FW	Improved practices of Lentil cultivation	1	Off	18	7	25	18	7	25
Horticulture	PF/FW	Protected Cultivation and Nutrient Management of Commercial Horticultural Crops under project UNNATI	2	Off	31	10	41	31	10	41
Plant Protection	PF/FW	Management of Insect, Pest and diseases of Potato and Brinjal.	1	Off	24	0	24	7	0	7
Soil Science(LT)	PF/FW	Improved package and practices of Lentil cultivation	1	On	30	0	30	30	0	30
Soil Science(LT)	PF/FW	Improved package and practices of groundnut cultivation	1	On	6	4	10	6	4	10
Plant Protection	PF/FW	Development of Kitchen Garden in each family.	1	On	0	29	29	0	15	15
Horticulture	PF/FW	Cultivation of Potential Spices in Jhargram	1	Off	11	3	14	8	3	11
Horticulture	PF/FW	Nursery Management	1	Off	15	0	15	10	0	10
Soil Science(LT)	PF/FW	Judicial use of fertilizer in Lentil cultivation	1	Off	14	9	23	6	2	8

Soil Science(LT)	PF/FW	Judicial use of fertilizer in groundnut cultivation	1	On	13	0	13	13	0	13

H) Vocational training programmes for Rural Youth

a) Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	

*training title should specify the major technology /skill transferred

b) Details of participation

Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
Crop production and management													
Commercial floriculture													
Commercial fruit production													
Commercial vegetable production													
Integrated crop management													
Organic farming													
Other													
Total													
Post harvest technology and value addition													
Value addition													
Other													
Total													
Livestock and fisheries													
Dairy farming													
Composite fish culture													
Sheep and goat rearing													
Piggery													
Poultry farming													

Other													
Total													
Income generation activities													
Vermicomposting													
Production of bioagents, biopesticides,													
biofertilizers etc.													
Repair and maintenance of farm machinery &imlements													
Rural Crafts													
Seed production													
Sericulture													
Mushroom cultivation													
Nursery, grafting etc.													
Tailoring, stitching, embroidery, dying etc.													
Agril. Para-workers, para-vet training													
Other													
Total													
Agricultural Extension													
Capacity building and group dynamics													
Other													
Total													
Grand Total													

I) Sponsored Training Programmes

a) Details of Sponsored Training Programme

Sl.No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of participants	Sponsoring Agency
					PF/RY/EF			
1	Collaborative Training and Capacity Building Programme of Practicing Farmers with NBSS-LUP, Kolkata, under the pilot project on Crop Diversification.	Processing and value addition	July, 2024	2	PF	1	29	NBSS-LUP, Kolkata
2	Nursery Management	Nursery Management	September ,2024	2	PF	1	24	UNNATI
3	Protected Cultivation and Nutrient Management of Commercial Horticultural Crops	Protective cultivation	December ,2024	2	PF	1	41	UNNATI

b) Details of participation

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Crop production and management													
Increasing production and productivity of crops													
Commercial production of vegetables													
Production and value addition													
Fruit Plants													
Ornamental plants													
Spices crops													
Soil health and fertility management													
Production of Inputs at site													
Methods of protective cultivation	1	0	0	0	9	2	11	22	8	30	31	10	41
Other	1	9	2	11	4	1	5	7	1	8	20	4	24
Total	2	9	2	11	13	3	16	29	9	38	51	14	65
Post harvest technology and value addition													
Processing and value addition	1	0	0	0	29	0	29	0	0	0	29	0	29
Other													
Total	1	0	0	0	29	0	29	0	0	0	29	0	29
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	**3**	**9**	**2**	**11**	**42**	**3**	**45**	**29**	**9**	**38**	**80**	**14**	**94**

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	11	94	53	147	61	8	6	14	102	59	161
KisanMela	3	148	66	214	54	7	3	10	155	69	224
KisanGhosthi											
Exhibition											
Film Show	4	48	22	70	72	10	4	14	58	26	84
Method Demonstrations	13	211	62	273	68	16	8	24	227	70	297
Farmers Seminar											
Workshop											
Group meetings											
Lectures delivered as resource persons	5	110	76	186	48	5	3	8	115	79	194
Advisory Services	46	42	12	54	62	12	8	20	54	20	74
Scientific visit to farmers field	29	108	46	154	56	24	12	36	132	58	190
Farmers visit to KVK	102	264	27	291	72	46	23	69	310	50	360
Diagnostic visits	31	36	1	37	34	20	12	32	56	13	69
Exposure visits	1	18	4	22	38	2	1	3	20	5	25
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											
MahilaMandals Conveners meetings											
Celebration of important days (specify)	13	98	82	180	35	56	12	68	154	94	248
Sankalp Se Siddhi											
Swatchta Hi Sewa	10	98	95	193	52	14	5	19	112	100	212
MahilaKisan Divas											
Any Other (Specify) World Environment Day, Golden Jubjee of KVK, Ek Ped Maa Ke Naam, Parthenium week etc	8	316	130	446	63	16	7	23	332	137	469
Total	**276**	**1591**	**676**	**2267**	**715**	**236**	**104**	**340**	**1827**	**780**	**2607**

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	
Radio talks	1
TV talks	4
Popular articles	
Extension Literature	2
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 planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Vegetable seedlings											
Cauliflower											
Cabbage											
Tomato											
Brinjal											
Chilli											
Onion											
Others											
Fruits											
Mango											
Guava											
Lime											
Papaya											
Banana											
Others											
Ornamental plants											
Medicinal and Aromatic											
Plantation											
Spices											
Turmeric											
Tuber											
Elephant yams											
Fodder crop saplings											
Forest Species											
Others, pl.specify											
Total											

Good quality photographs of planting materials:

Production of Bio-Products

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

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 2024						
Rabi 2023-24						
Summer/Spring 2024						
Kharif 2024						
Rabi 2023-2024						

iii) Financial Progress

Fund received (2020-21, 2021-22, 2022-23, 2023-24 and 2024-25)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2020-21				
2021-22				
2022-23				
2023-24				
2024-25				

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

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

Item	Title	Author's name	Number	Circulation
Research paper				
Seminar/conference/ symposia papers				
Books				
Bulletins				
News letter				
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature				
Technical reports				
Electronic Publication (CD/DVD etc.)				
TOTAL				

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

(B) Detailsof 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	Training cum exposure visit on Natural Farming for the master trainers	Mr. Sayak Das, SMS (Soil Science) and Dr. Srabani Das, SMS (Horticulture)	18-22 March, 2024	Anand Agriculture University, Gujrat
2.	HRD Training Programme	Regional Consultation on Science of Natural Farming	Mr. Sayak Das, SMS (Soil Science)	14th June, 2024	MANAGE, Hyderabad
3.	HRD Training Programme	Havesting Brilliance: Empowering Agricultural Scientists in Next Gen Organic Farming	Dr. Srabani Das, SMS (Horticulture)	1-10 March, 2024	SKUAST, Kashmir

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

CASE STUDY OF JHARGRAM KRISHI VIGYAN KENDRA

Noticeable shift in Flower Production in Jhargram:A CASE STUDY

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.
Although the Floriculture Scenario in Jhargram of West Bengal, has witnessed significant changes over the years. Traditionally, Jhargram has been known for its rural agricultural practices, with floriculture being a lesser-known activity. However, there has been a noticeable shift in the recent years due to various factors:

- **Intervention of KVK (through Trainings, Exposure Visits, Field Days, Technological Support, OSTs, OFTs and FLDs)**
- Increased awareness and market demand.
- Diversification of Agriculture.
- Climate and soil suitability.
- Export and commercialization.

Advantages of growing flowers in Jhargram:

- Soil and weather condition is suitable for flower as well as flower seed production.
- More benefit than conventional crops.
- Availability of fallow land (high land).
- Nearby Howrah Mallick ghat and Tatanagar market.
- It can be an alternative option for the flower purchasers of Purba Midnapore flower cultivable area in Monsoon flood conditions.

In the district the cultivation of some major commercial flowers has been established as a promising profitable crop. Jhargram KVK has taken a drive to cultivate flowers commercially in the district.

Background: Rice based crop production system is the traditional farming system in Red and Lateritic agro-climatic zone. Through the intervention of Jhargram KVK over the years the farming community of this red and lateritic area tends to grow flowers commercially instead of following their traditional cropping pattern.
KVK motivated to the farmers to grow flowers in the Kharif as well as in Rabi season. For the same KVK provided training to the farmers and conducted FLD in farmers' field in several villages.

Comparative income statement from per unit area (Marigold)

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)			
						Demo	Check		Gross Cost	Gross Return	Net Return	**BCR	Gross Cost	Gross Return	Net Return	**BCR
Marigold (Serakol)	Kharif & Rabi	Flower cultivation	Cultivation of marigold	54	3.53	165	125	-	150000	495000	345000	2.30	150000	375000	225000	1.50

Brief Summary:

Number of Beneficiaries (2024):

Training: (SC) 72, (ST) 41, (Others) 95
OFT: (SC) 14, (ST) 05, (Others) 31
FLD: (SC) 53, (ST) 01, (Others) 51

Villages under flower cultivation (2024):

Nuniakundri andRadhanagarvillage of Jhargram (Marigold, Tuberose,Gerbera); Dharsa andKendbani village of Jamboni (Marigold); Belatikri andBhadrapal village of Binpur-I (Marigold); Jamirasuli, Simulpal, Binpur andBasajurui village of Binpur-II (Marigold,Gerbera,Orchid,Tuberose,Gladiolus); Gopiballavpur andAlampur village of Gopi-I (Rose,Marigold,Gladiolus).
Farmers of the above mentioned villages are successfully growing flowers in different season instead of traditional crops and gaining more profit.

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 Soiland 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
-	-	-	-	-	-	-

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

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

3.13. Technology week celebration

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

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

No of student trained	No of days stayed
7	60

ARS trainees trained	No of days stayed

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

Date	Name of the person	Purpose of visit
15.03.2024	Som Hembram Programme Assistant , Doordarshan Kendra ,Kolkata	SAC Meeting & Visit to KVK
15.03.2024	Surajit Naskar Program Executive , Doordarshan Kendra ,Kolkata	SAC Meeting & Visit to KVK
15.03.2024	Dr.Rajib Nath,ADR,RRS ,BCKV, Jhargram	SAC Meeting & Visit to KVK
15.03.2024	Dr.Mini Poduval, Associate Prof.,RRS ,BCKV, Jhargram	SAC Meeting & Visit to KVK
15.03.2024	Prof. P. Bandapadhyay, DEE, BCKV	SAC Meeting & Visit to KVK
15.03.2024	Dr. S. Chakraborty, ADF& CEO, Jhargram	SAC Meeting
15.03.2024	Dr. Chanchal Datta, AD. ARD, Jhargram	SAC Meeting
15.03.2024	Mr. Ranjit Kumar Dutta, LDM, Jhargram	SAC Meeting
15.03.2024	Mr. S. K. Bandyopadhyay, DDA (Admin.), Jhargram	SAC Meeting
15.03.2024	Mr. BiswajitGanguly, Manager, DIC, Jhargram	SAC Meeting
15.03.2024	Mr. BalaramPanja, ADFO, Jhargram	SAC Meeting
15.03.2024	Mr. Anjan Das, ADH, Jgargram	SAC Meeting
07.08.2024	Prof. Goutam Saha, VC,BCKV	Visit to KVK
07.08.2024	Prof. K.Brahmachari,DEE, BCKV	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	
Address	
Contact details (Phone, mobile, email Id)	
Landholding (in ha.)	
Name and description of the farm/ enterprise	
Economic impact	
Social impact	
Environmental impact	
Horizontal/ Vertical spread	
Good quality photographs (2-3)	

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

Sl. No.	Brief details of technology	Impact of the technology in subjective terms	Impact of the technology in objective terms
1	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 (*Citrulluslanatus*) in the red and lateritic zone of Jhargram.		
11	Evaluation of performance of foliar application of Nutrients at flower initiation stage on Blackgram in *Kharif* season		
12	Assessment of yield performance of different Tuberose (*Polianthestuberosa*L) varieties in the red and lateritic zone of Jhargram in monsoon.		

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

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
Director of Agriculture, Paschim Medinipur, ATMA	Conducting training, demonstration, farmers scientist interaction, exposure visit, leaflet preparation and organizing Krishi Mela

Director of Agriculture, Jhargram, ATMA	Conducting training, demonstration, farmers scientist interaction, exposure visit, leaflet preparation and organizing Krishi Mela
RRS, BCKV, Jhargram	Diagnostic Service, OPP/PPP, OFT - Technical Support
NSC, Midnapore	Seed Production Programme of Mustard & Paddy
BDO, Jamboni	Collaborative Training Support
NBSS, LUP, Kolkata	Training as well as land use information support
Directorate of Food Processing Industry & Horticulture, Govt. of West Bengal	Collaborative Training Support
Directorate of Fisheries	Collaborative Demonstration Programme, Infrastructure dev.
Directorate of MSME	Collaborative project of Aromatic Plant
CIFRI, Barackpur, W.B.	Technical support on Fiber Glass Hatchery
NIRJAFT, Kolkata	Training and Demonstration
NABARD,Kolkata	Collaborative Programme
MGNREGA,Medinipur	Collaborative Programme
MANAGE, Hyderabad	DAESI course programme.
SAMETI,Narendrapur,West Bengal	Training Programmes
PPV& FR, New Delhi	Training Programmes

5.2. List of special programmes undertaken during 2024 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies **(information of previous years should not be provided)**

a) Programmes for infrastructure development

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

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

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

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

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

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	

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	QII	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
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 1st April 2025
	Kharif	Rabi	Kharif	Rabi	

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

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	-	95,32,000.00	98,60,918.00
2	Traveling allowances	1,20,000.00	1,20,000.00	1,20,000.00
3	HRD	20,000.00	20,000.00	14,924.00
3	Contingencies			
A	Stationery, Telephone, Postage	2,80,000.00	7,00,000.00	6,98,967.00
B	POL, Repairing of Vehicle,			
C	Meals/ Refreshment for Training	2,10,000.00		
D	Training Materials			
E	Frontline Demonstration	1,05,000.00		
F	On Farm Testing	1,05,000.00		
G				
H				
I				
J	SCSP	11,00,000.00	(-)4,97,000.00	10,97,674.00
TOTAL (A)		**27,00,000.00**	**98,75,000.00**	**1,17,92,483.00**
B. Non-Recurring Contingencies				
1	Works			
2	Vehicle (Tractor)	7,50,000.00		
3	Furniture/ Fixture/ Equipments			
4	Construction of Demo Unit		3,50,000.00	3,50,000.00
	Implement Shed			
	Library	10,000.00	10,000.00	9462.00
TOTAL (B)		**7,60,000.00**	**3,60,000.00**	**3,59,462.00**
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		**34,60,000.00**	**1,02,35,000.00**	**1,21,51,945.00**

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
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
2024-25	0.00	25,000.00	0.00	25,000.00

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

Nameof 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 YuvaKendra(NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

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

Type of message	No. of messages	No. of farmers covered
Crop		
Livestock	1	7478
Fishery	3	21499
Weather		
Marketing		
Awareness		
Training information		
Other		
Total	4	28977

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
17.09.2024	Awareness programme among farmers
18.09.2024	Engagement with school children's
19.09.2024	Oath taken to clean office premises
20.09.2024	Selfie point established at office premises
23.09.2024	Swachhta activities at tourist spots
24.09.2024	Cleaning of office rooms by office staffs
25.09.2024	Management strategies of farm waste under Swachhta activities
30.09.2024	Swachha Bharat Activities at religious place
01.10.2024	Awareness programme at Nokat village and Preparation of vermi compost training was provided to the farmers
02.10.2024	Awareness programme at Nokat village and Preparation of vermi compost training was provided to the farmers

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 SeemaSurakshaBal/ BSF

Title of Programme	Date	No. of participants

9.8. Agriculture Knowledge in rural school

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

Give good quality 1-2 photograph(s)

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

Date of programme	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha / Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Door 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/ SwachhtaPakhwadaprogramme 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 MahilaKisan 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 2024

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

Name of KVK							
Sl.No.	***Item/Activity***		***Units***	***Targets/Achievements***		***No. of Beneficiaries***	
				Annual Targets	***Achievements***	***Annual Targets***	***Achievements***
1	**Trainings (Capacity building/ Skill Development etc.)**		No.				
	1.1	1-3 days	No.				
	1.2	4-10 days	No.				
	1.3	2-4 weeks	No.				
	1.4	More than 4 weeks	No.				
2	**On Farm Trials (OFTs)**		No.				
3	**Front Line Demonstrations (FLDs) and other demonstrations**		No.				
4	**Awareness camps, exposure visits etc.**		No.				
5	**Input Distribution**						
	5.1	Seeds (Field Crops)	Tonnes				
	5.2	Seeds (High Value Crops, spices etc.)	kg				

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

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

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

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

Natural Resource Management

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

Crop Management

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

Livestock and fisheries

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

Institutional interventions

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

Capacity building

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

Extension activities

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

Detailed report should be provided in the circulated Performa

14. Awards/Recognition received by the KVK

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

Award received by Farmers from the KVK district

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

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

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

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

17. Integrated Farming System (IFS)

Details of KVK Demo. Unit

Sl. No.	Module details (Component-wise)	Area under IFS (ha)	Production (Commodity-wise)	Cost of production in Rs. (Component-wise)	Value realized in Rs. (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year

18. Technologies for Doubling Farmers' Income

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

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

Phase	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I (up-to 15.03.2018)					
II (up-to 24.04.2018)					
Total	1145	102582			

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

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

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

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

(Please provide good quality photographs)

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

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

22. Information on NARI Project(if applicable)

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

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

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

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

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