

KRISHI VIGYAN KENDRA EAST SINGHBHUM



ANNUAL REPORT (Jan 2024-Dec 2024)



**BIRSA AGRICULTURAL UNIVERSITY
RANCHI, JHARKHAND**

PROFORMA FOR ANNUAL REPORT 2024 (01st January- 31st December 2024)**1. GENERAL INFORMATION ABOUT THE KVK**

Krishi Vigyan Kendra, East Singhbhum is established in April 2005 under host institution Birsa Agricultural University, Jharkhand. The KVK is situated on NH-33 (Tata- Kolkata route) at village-Darisai. It is 26 km from district headquarters Jamshedpur and 14 km from Ghatsila block. The nearest railway station is Galudih which is 5 km. from the KVK on Howrah- Tatanagar Rail route. The district East Singhbhum is located in south eastern extreme of Jharkhand in the mineral rich Chotanagpur range. It is covered with natural forests and undulating hills. Subarnarekha is the main river flowing from west to south-east of the district. The Geographical location of East Singhbhum is between 22°12' N to 23°01'N latitude and 84°04' E to 86°54' E longitude. It has 11 blocks, 231 Panchayats, 1810 villages and 13 towns. Total geographical area of the district is 343768.24 hectare of which 58181.24 ha is occupied by natural forest, 1836.65-ha by water resources, 28672.66 ha by fallow land, 165152.00 ha by agricultural land and rest is for inhabitants of the district.

The climate of the district is humid to sub humid tropical. Annual rainfall is between 1200-1400mm. This comes under the part of South –West monsoon so, sometimes it receives heavy rain during July to September. During summer season maximum temperature goes up to 40-45°C, whereas in winter it has recorded a minimum of 8° C. East Singhbhum district is mainly rocky. Soil texture varies from zone to zone. The soil is acidic lateritic and red soil (morum) in nature. Soil fertility status is not so bad but water retention capacity is poor. Weather is dry-hot in summer (maximum temperature 48°C recorded) and very cold in winter (minimum temperature 8°C recorded). The area under irrigated farming is found to be approximately 3%. The total area under crop in the zone is approximately 3.70% lakh ha. The principal crops grown in descending order are Rice, vegetables, Maize, Linseed, Niger, Wheat, Moong, Gram, Kalai, Marua, Bajra and Arhar

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

Name and address of KVK	Telephone		E-Mail
	Office	FAX	
Krishi Vigyan Kendra, East Singhbhum Vill- Darisai, (Kharia Colony), P.O- Barakhurshi, Via- Mahulia, Jharkhand Pin Code- 832304.	9934183442		Kvkeastsinghbhum2024@gmail.com

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

Name and address of Host Organization	Telephone		E mail
	Office	FAX	
Birsa Agricultural University, Kanke, Ranchi, Jharkhand- Pincode-834006	0651-2450500 /2450849	0651-2450850 /2450525	dee@bauranchi.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr Amresh Chandra Pandey	-	9934183442	Kvkeastsinghbhum2024@gmail.com

1.4. Year of sanction of KVK with council order No. and date:

(No. 18-6/96-AE-I Dated the 14th September, 2004)

1.5. Year of start of KVK:

Krishi Vigyan Kendra, East Singhbhum is established in April 2005 under host institution Birsa Agricultural University, Jharkhand.

1.5. Staff Position (as on 31st December 2024)

Sl. No.	Sanctioned post	Name of the Incumbent	Designation	Discipline	Pay Scale with Present Basic	Date of joining	Permanent/probation	Category (SC/ST/OBC/Others)
1.	Senior Scientist& Head	Dr. Amresh Chandra Pandey	I/c Senior Scientist & Head	Agriculture Engineering	110500.00	30.07.2004	Permanent	Others
2.	Subject Matter Specialist	Sri Bhushan Prasad Singh	Scientist	Agronomy	107300.00	05.11.2004	Permanent	Others
3.	Subject Matter Specialist	Sri Gondra Mardi	Scientist	Plant Protection	107300.00	04.08.2004	Permanent	ST
4.	Subject Matter Specialist	Dr. Rabindra Mohan Mishra	Scientist	Animal Husbandry	107300.00	09.08.2004	Permanent	Others
5.	Subject Matter Specialist							
6.	Subject Matter Specialist							
7.	Subject Matter Specialist							
8.	Programme Assistant	Dr Lily Maxima Kispotta	Programme Assistant Training		68000.00	20.07.2004	Permanent	ST
9.	Computer Programmer							
10.	Farm Manager							
11.	Assistant	Sri Vidya Kushwaha	Assistant	-	35400.00	07.02.2025	Probation	OBC
12.	Stenographer							
13.	Driver							
14.	Driver			-				
15.	Supporting staff			-				
16.	Supporting staff			-				

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)	Name of infrastructure
1	Under Buildings	0.20	
2.	Under Demonstration Units	4.00	
3.	Under Crops	10.00	
4.	Orchard	-	
5.	Agro-forestry	-	
6.	Others with details	5.80	
	Total	20.00	

**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)	Functional/non-functional*	Source of funding
1.	Administrative Building					√	500		ICAR
2.	Farmers Hostel					√	355		ICAR
3.	Staff Quarters (6)					√	412		ICAR
4.	Piggery unit								
5	Fencing								
6	Rain Water harvesting structure					√	4077cum		

7	Threshing floor					√			
8	Farm godown					√			
9.	Dairy unit								
10.	Poultry unit								
11.	Goatry unit								
12.	Mushroom Lab								
13.	Mushroom production unit								
14.	Shade house								
15.	Soil test Lab								
16	Others, Please Specify					√	1 acre		ICAR

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Office Vehicle	2018-19	800000.00	79000	Running
Tractor	2005-06	500000.00	590 hr	Not working

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
1. BOD Incubator	2007-08	42000.00	Not in use lack of infrastructure	ICAR
2. Laminar Flow	2007-08	68000.00		

3. Auto Clave (14" × 22")	2007-08	29000.00	for Bio fertilizer.	
4. Hygrometer	2007-08	5800.00		
5. UV chamber	2007-08	10345.00		
6. Hot Air Oven	2007-08	28899.00		
7. Deep freezer	2007-08			
b. Farm machinery				
Tractor	2005-06	500000.00	Good	ICAR
c. AV Aids				
1. Computer	2006-07	54000.00		
2. Xerox Machine	2006-07	72000.00	Not in function	
3. Fax Machine	2006-07	8000.00	Not in function	
4. LCD projector with screen	2009-10	93982.00	Not in function	
5. Camera	2007-08	14512.50	Good	
6. Audio System	2012-13		Good Condition	
7. LCD projector with Electronic display	2017-18			State Government
8. Xerox Machine	2017-18			State Government
9. Computer	2017-18			

D) Farm implements



Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Disc Plough 2 furrow	2007-08	26995.00	Good	ICAR
Multipurpose Seed drill	2007-08	18500.00	Good	
Grass cutter	2007-08	38500.00	Good	
M.B. Plough	2007-08	26993.00	Good	
Seed cum fertilizer drill	2007-08	18200.00	Good	
Ratlerry Tiller	2007-08	88585.00	Good	
Power sprayer	2007-08	48500.00	Good	
Weighing balance (2 No.)	2007-08	1580.00	Good	
Laser land leveler	2012-13			
Post hole digger	2012-13			
Digital Sprayer	2012-13			
Pump Set	2012-13			
Racking sprayer	2012-13			
Line Marker	2012-13			
Conoweeder	2012-13			
Fertilizer Broadcaster	2012-13			
Ripper	2013-14			
Tractor	2013-14			
Rotovator	2013-14			
Mini Dal Mill	2015-16			
TelMill	2015-16			
Multiple crop Thresher	2015-16			

2. Priority thrust areas of KVKs

S. No	Thrust area
1.	Need of improved/ high yielding varieties (HYVs) of different crops (Rice, Maize, Wheat, Oilseeds, Pulses and Horticultural crops).
2.	Extension of area under pulses and oilseeds.
3.	Promotion of integrated nutrient, pest & disease management (INM, IPM & IDM).
4.	Special emphasis on natural resource management, Women empowerment & farm mechanization.
5.	Promotion of Horticultural crops, value addition and market oriented activities.
6.	Emphasis on improvement of local breeds and animal husbandry management.

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

Sl.	Items	Information

No			
1	Major Farming system of the district	Rice-Fallow, Rice – Vegetable-Fishery, Rice-Vegetable-Animal husbandry, Rice-Animal husbandry	
2	One district one product (NITI Ayog)	<u>Cashew nut and tomato</u>	
2	Agro-climatic Zone	<u>VI</u>	
3	Agro ecological situation	Upland rainfed (Tanr I, II &III), Mid Land Rainfed (Don III), Mid Land Irrigated (Don II), Low Land Rainfed (Don I) and rainfed farming	
4	Soil type	Alfisols-71.4%, Entisols-13.4%, Incoptisols-12.8%	
5	Productivity of major crops of districts		
	CROP	AREA (HA)	PRODUCTION (Q)
	Paddy	108075	3782630
	Wheat	4270	71130
	Pulse	16178	1445602
	Oilseed	16064	122448
	Veg. (Tomato, Pea, Potato, Onion, Brinjal, Cauliflower, Cabbage, Chilli, Bhindi/okra)	9630	1926000
	Fruit (Mango, Guava, Lemon, Banana, Kaju)	7326	879120
	Others	-	-
	Enterprises	-	-
6	Mean yearly temperature, rainfall, humidity of the		

district	Month	Temperature		Humidity %		Rainfall (mm)	Normal Rainfall (mm)	No of Rainy Days
		Max.	Min.	Max.	Min.			
	January 24	33.0	7.8	72	31	3.6	15.7	1
	February 24	37.8	8.2	73	50	11.14	13.0	1
	March 24	39.4	15.4	82	65	85.8	25.0	4
	April 24	42.0	19.2	87	78	2.2	30.6	0
	May 24	39.6	20.0	89	77	196.8	62.0	8
	June 24	39.4	22.4	92	78	52.8	218.8	3
	July 24	37.2	23.8	88	63	157.1	301.9	18
	August 24	36.4	22.5	89	52	444.8	256.1	21
	September 24	35.1	23.5	87	43	331.6	184.4	14
	October 24	36.0	19.0	87	52	121.8	65.2	8
	November 24	32.1	13.8	83	45	0	16.8	0
	December 24	30.0	11.6	83	44	0	10.2	0
	Total					1407.9	1199.7	78
7	Production of major livestock products like, milk, egg, meat etc.	Livestock		Number 2012-13				
		Cow		340388				
		Buffalo		19484				
		Goat		343376				
		Sheep		70491				

		Pig	21383
		Poultry	940390
		Duck	19908
		Source: District Animal Husbandry Office, East Singhbhum	
		Livestock	Area (ha)
			Production (M. ton)
			2013-14
		Fish	10360
			5850
		Source: District Fisheries Office, East Singhbhum	

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.	Ghatsila	Ghatsila, Musabani,	*Barakhurshi, *Gidhibil, *Berahatu, Ulda, *Kamarigora, Beko, Kulyana,	Rice, Wheat, Arhar, Maize, Cabbage, Cauliflower, Tomato,	*Imbalanced use of chemical fertilizer in	*Promotion of Intergraded nutrient

		<p>Jamshedpur, Dhalbhumgarh, Chakulia, Baharagora, Patamda, Potka, Dumaria, Boram, Gurabangha</p>	<p>Putru, Chotalda, Sidhadanga, Kaisa, *Sukrigariya</p> <p>Kumirmuri, Surda, *Lowkeshra, Tambajuri, *Kalapather, Bankey, Somaydih, Durku, Pathargora, Ruoam, *Gorgora, *Silpahari, *Belajuri, Chotabanki,</p> <p>Keneari, Kendbari, Moulishole, Bhairabpur, Kadubakat, Bharudih, Kunaluka, Panijya, Rawtara, Bangkola, Ramasoli, Choriya, Lalki, Chukripara, Dedag, Murothkra,</p> <p>Kalaphthar, Dudhiyanasa Panchwariya, *Churda, Rakhdih, Mirjadih, Dhirol, *Rajdoha, Murgaghutu, Kokda, *Naldoha, *Sushnigariya, Bhurkadih, Jorsa,</p>	<p>Cucurbitaceous, Chilli, Brinjal, Bhindi, Potato, Tinda, Capsicum, lentil, linseed, black gram, gram, ground nut, Mustard, duck farming, piggery, fishery, poultry, dairy & goatry.</p>	<p>oilseed (mustard), pulses (Black gram) and vegetables (Potato) crops.</p> <p>*incidence of wilting in tomato crop</p> <p>* Infestation of insect in Rice crop</p> <p>*Low yield in mustard crop due to aphid infestation.</p> <p>* Less acreage under oilseed and pulses crop due to non availability of improved varieties and use of traditional method of its cultivation.</p> <p>*Use of traditional implements which reduces their efficiency and quality of tillage.</p> <p>* Rearing of locally available breed of pig, duck & poultry.</p> <p>* Unawareness about in feeding, management and disease control in livestock.</p> <p>*No vaccination and deworming in livestock.</p>	<p>management.</p> <p>* Promotion of integrated pest and disease management.</p> <p>*Extension of area under oilseed and pulses.</p> <p>* Introduction of improved varieties of different crops.</p> <p>* Improvement of local breed and animal husbandry management.</p> <p>* Improvement of farm implements.</p> <p>* Crop diversification</p> <p>*Integrated farming system</p> <p>* Promotion of Horticultural crops, value addition and market oriented activities.</p>
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2. c. Details of village adoption programme during 2024:

Name of the villages adopted by Sr. Scientist & Head and SMS (in year 2024) for its development and action plan

Name of village	Block	Action taken for development
Sushnigaria	Ghatsila	Training, Scientist farmers interaction, On farm Trial, Front Line Demonstration, Kisan Gosthi
Lokaishara	Mushabani	Training, Kisan Gosthi,
Naldoha and Roitada	Dhalbhumgarh	Training, Demonstration

3. TECHNICAL ACHIEVEMENTS

3.1. Summary details of target and achievement of mandatory activities by KVK during the year 2024

OFT												FLD													
No. of technologies tested:												No. of technologies demonstrated:													
Number of OFTs		Number of farmers										Number of FLDs		Number of farmers											
Target	Achievement	Target	Achievement										Target	Achievement	Target	Achievement									
			SC		ST		Others		Total							SC		ST		Others		Total			
			M	F	M	F	M	F	M	F	T	M				F	M	F	M	F	M	F	T		

4	1	40	0	0	5	0	5	0	10	0	10	7	5	1175	35	11	435	209	285	161	755	381	1136
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Training												Extension activities											
Number of Courses		Number of Participants										Number of activities		Number of participants									
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement								
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
90	27	2500	28	03	167	108	117	72	312	108	495			5000	46	20	1131	603	301	129	1478	752	2230

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

Seed production (q)			Planting material (in Lakh)		
Target (Crop and variety)	Achievement (q)	Sold (q)	Target (crop and variety)	Achievement	Sold (number)

Livestock strains (in no's) 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

3.2 ACHIEVEMENTS ON TECHNOLOGIES ASSESSED AND REFINED (OFT)

3.2.1 Technology Assessed by KVK (Discipline wise)

A	Technologies assessed under various crops (Cereal Crop Production)			
	Thematic areas	Number of the technologies (Technology Interventions)	No. of trials	No. of Locations
1	Integrated Nutrient Management			
2	Varietal Evaluation			
3	Integrated Pest Management	1	10	5
4	Integrated Crop Management			

5	Integrated Disease Management			
6	Small Scale Income Generation Enterprises			
7	Weed Management			
8	Resource Conservation Technology			
9	Farm Machineries			
10	Integrated Farming System			
11	Seed / Plant production			
12	Post Harvest Technology / Value addition			
13	Drudgery Reduction			
14	Storage Technique			
15	Others (Pl. specify)			
16	Cropping Systems			
17	Farm Mechanization			
18	Others			
	Total			
B	Technologies assessed under various crops (Hort crops.)			
	Thematic areas	Number of the technologies (Technology Interventions)	No. of trials	No. of Locations
1	Integrated Nutrient Management			
2	Varietal Evaluation			
3	Integrated Pest Management			
4	Integrated Crop Management			
5	Integrated Disease Management			

6	Small Scale Income Generation Enterprises			
7	Weed Management			
8	Resource Conservation Technology			
9	Post-harvest Technology / Value addition			
10	Others if any specify			
C	Technologies assessed under livestock & Fisheries by KVKs			
	Thematic areas	No. of technologies (Technology Interventions)	No. of trials	No. of locations
1	Disease & Health Management			
2	Breeding management/Evaluation of Breeds			
3	Feed and Fodder management			
4	Nutrition Management			
5	Production and Management			
6	Processing and Value addition			
7	Fisheries management			
8	Others (waste, ITK etc)			
	Total	0	0	0
D	Technologies assessed under miscellaneous enterprises by KVKs			
	Thematic areas	No. of technologies (Technology Interventions)	No. of trials	No. of locations
1	Drudgery reduction			
2	Entrepreneurship Development			

3	Health and nutrition			
4	Processing and value addition			
5	Energy conservation			
6	Small-scale income generation			
7	Storage techniques			
8	Household food security			
9	Organic farming			
10	Agroforestry management			
11	Mechanization			
12	Resource conservation technology			
13	Value Addition			
14	Others			
	Total	0	0	0
E	Technologies assessed under various enterprises for women empowerment			
	Thematic areas	No. of technologies (Technology Interventions)	No. of trials	No. of locations
1	Drudgery Reduction			
2	Entrepreneurship Development			
3	Health and Nutrition			
4	Value Addition			
5	Others			
	Total	0	0	0

3.2.2 OFT (All discipline)

- **Thematic area:** Integrated insect management
- **Problem definition/Name of OFT:** Low yield of Pigeon Pea

1.	Title of On farm Trial (OFT)	Assessment of insecticide for the management of Pigeon pea pod borer.
2.	Problem diagnosed	Low yield of Pigeon Pea
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	T2: Spray of Indoxacarb 58.8 EC @50g ai/ha at the time of 50% flowering stage and second spray at 15 days later T3: Spray of Spinosad @48 SC@ 70g ai/ha at the time of 50% flowering stage and second spray at 15 days later
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	RLBCAU, Jhansi, 2022
5.	Production system and thematic area	Pigeon pea fallow and Integrated insect management
6.	Performance of the Technology with performance indicators	

7.	Final recommendation for micro level situation	Ongoing
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

B. Results with Table and good quality photographs in jpg.

Thematic area	Technology options with detailed treatments	Area (ha in crop & Fodder)/ Nos (in livestock)		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Proposed	Actual					

Result awaited

Please provide all the OFTs in same format Photographs in jpg. (Attach separately also with captions)



3.3 ACHIEVEMENTS OF FRONTLINE DEMONSTRATIONS (FLD)

A. Overall achievements of FLDs conducted during the year 2024

* 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

3. Pulses

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)				
					Dem o	Chec k		Gros s Cost	Gross Return	Net Return	** BCR	Gros s 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

4. Horticultural crops (separately Fruit, Vegetables, Flower, Medicinal and aromatics, etc.

Onion										
Potato										
Field bean										
Others (Pl. specify)										
Total Veg. Crops										
Commercial Crops										
Cotton										
Coconut										
Others (Pl. specify)										
Total Commercial Crops										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (Pl. specify)										
Total Fodder Crops										

* 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

Others (plspecify)																	
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

9. Other enterprises

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

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

** BCR= GROSS RETURN/GROSS COST

10. Women empowerment

Name of technology	No. of demonstrations	Name of technology	Observations		No. of Beneficiaries
			Check	Demonstration	
Women					
Drudgery Reduction					
Enterprises					
Farming System					
Health and nutrition					
Kitchen Garden					
Nutrigarden					
Storage Technique					
Value addition					
Women Empowerment					
Others					
Total - Women					
Children					
Health and nutrition					
Others					
Total - Children					
Other if any					

machineries										
Irrigation management tools and machineries										
Plant protection tools and machineries										
Harvesting tools and machineries										
Postharvest processing tools and machineries										
Total mechanization tools and machineries										
Others										
Total of Others										

* 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

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities	Number of participants	Remarks
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**PERFORMANCE OF THE DEMONSTRATION UNDER CFLD ON PULSE AND OILSEED CROPS (CFLD)
(During Kharif, Rabi and Summer)**

1. Technical Parameters:

S. No	Crop season	Name of crop demonstrated	Area (ha)	Number of farmers	Detail of technology demonstrated	Detail of existing farmer practice	Yield (q/ha) in farmer field	Yield obtained in demonstration (q/ha)			Yield gap (Kg/ha) w.r.to			Yield gap minimized (%)		
								Max.	Min.	Av.	District yield (D)	State yield (S)	Potential yield (P)	D	S	P
1	Khari f	Groundnut	60		HYV+Line Showing	Local Verity and Broadcasting	7.5	14.7	9.5	11.6	9	10.21	22	28.88	13.72	47.27
2	Khari f	Sunflower	30		HYV+Line Showing	Local Verity and	6.5	9.5	6.2	8.4	8	6.14	15.2	4.76	36.8	44

					Broadcastin g												
3	Khari f	Soybean	40		HYV+Line Showing	Local Verity and Broadcastin g	11.5	20	13.9	15	8	8.02	25	87.51	82.9 2	66.6 6	
4	Khari f	Niger	100		HYV+Line Showing	Local Verity and Broadcastin g	4.0	8.7	3.2	8	7	6	7	14.28	33.3 3	14.2 8	
5	Rabi	Mustard	200		HYV+Line Showing	Local Verity and Broadcastin g	--	-	-	-	-	-	-	-	-	-	

2. Economic parameters

S. No.	Detail of technology demonstrated	Farmer's existing practice				Demonstration technology				Additional Income (Rs/ha)
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	
1	HYV+Line sowing	37000	47827.5	10827.5	1.29	38500	73973.2	35,473.20	1.92	
2	HYV+Line sowing	25000	43940	18940	1.75	26500	56784	30,284	2.14	

3	HYV+Line sowing	30000	52900	22900	1.76	32500	69000	36,500	2.12	
4	HYV+Line sowing	17500	30936	13436	1.76	19000	61872	42,872	3.25	

3. Socio-economic impact parameters

S. No.	Name of crop demonstrated	Total produce obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own their own farm (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1	Groundnut	69600	350-400	6377	60	70-80	Livelihood	20
2	Sunflower	25200	250-300	6760	15	30-40	Livelihood	15
3	Soybean	60000	400-500	4600	50	70-80	Livelihood	25
4	Niger	80000	250-280	7734	8	25-30	Livelihood	10

C. Specific Characteristics of Technology and Performance

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

D. Extension activities under FLD conducted:

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



CFLD on Niger crop



CFLD on sunflower



CFLD On mustard



CFLD On groundnut



Training Programme

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

F. Farmers' training photographs



Training Programme

G. Quality Action Photographs of field visits/field days and technology demonstrated.

H. Details of budget utilization

Crop (Groundnut)	Items	Area (ha) allotted	Area (ha) achieved	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input	60	60	1296000		
	ii) TA/DA/POL etc. for monitoring			144000		
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total			1440000		
<hr/>						
Crop (Sunflower)	Items	Area (ha) allotted	Area (ha) achieved	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input	30	30	297000		
	ii) TA/DA/POL etc. for monitoring			33000		
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total			330000		
<hr/>						
Crop	Items	Area (ha)	Area (ha)	Budget	Budget	Balance

(Niger)		allotted	achieved	Received (Rs.)	Utilization (Rs.)	(Rs.)
	i) Critical input	100	100	720000		
	ii) TA/DA/POL etc. for monitoring			80000		
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total			800000		
Crop (Soybean)						
Crop (Soybean)	Items	Area (ha) allotted	Area (ha) achieved	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input	40	40	540000		
	ii) TA/DA/POL etc. for monitoring			60000		
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total			600000		
Crop (Mustard)						
Crop (Mustard)	Items	Area (ha) allotted	Area (ha) achieved	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input	200	200	1620000		
	ii) TA/DA/POL etc. for monitoring			180000		

	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total			1800000		

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, if any														
XI Agro-forestry														
Production technologies														
Nursery management														
Integrated Farming Systems														
XII. Others (Pl. Specify)														
TOTAL														

E) RURAL YOUTH Including the sponsored training programmes (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			
Mushroom Production													
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													

Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post-Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Enterprise development													
Others if any (ICT application in agriculture)													
TOTAL													

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants			Grand Total
		Other	SC	ST	

Conveners meetings																	
Special day celebration																	
Sankalp Se Siddhi																	
Swatchta Hi Sewa	10	30	8	38	0	38	6	0	6	0	6	36	8	44	0	44	
Celebration of important date																	
Others																	
Type of activities	No. of activities			Number of participants			Related crop/livestock technology										

B. Other Extension/content mobilization activities

C. Technology week celebration

D. Celebration of important days in KVKs

Celebration of Important Days	No. of activities	Farmers			Extension Officials			Total		
		M	F	Total	M	F	Total	M	F	Total
Nature of Extension Activity	No. of activities									
Newspaper coverage										
Radio talks										
TV talks										
Popular articles published										
Extension Literature										
Electronic media										
Any other										

Total								

B. Seed production at KVK farm

Type of seed produced	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided			
				SC	ST	Other	Total
Cereals							
Oil seed							
Pulses							
Green Manure							
Commercial crop							
Vegetables							
Fodder							
Spices							
Fruits							
Forest crop							
Ornamental/flower							
Medicinal							
Grand Total							

C. 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
Vegetable seedlings							
Cauliflower							
Cabbage							
Tomato							
Brinjal							
Chilli							
Onion							
Others							
Commercialseedlings							
Mulberry							
Sugarcane,							
Sweet Potato							
Turmeric							
Zinger							
Others							
Fruitsseedlings							
Mango							
Guava							
Lime							
Papaya							

Banana							
Ornamental plants							
Marigold							
Annual chrysanthemum							
Tuberose							
Others							
Medicinal and Aromatic Plantation							
Tuber Elephant yams							
Spices							
Grand Total							

D. Forest species

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total

E. Fodder crops saplings

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total

F. Production of Bio-Products

Name of product	Quantity (Kg)	Value (Rs.)	No. of Farmers benefitted			
			SC	ST	Other	Total
Bio-fertilizers						
Bio-food(Spirulina etc)						
Bio-pesticide						
Bio-agents (Trichocardete)						
Worms (earthworm, silk worms etc)						
Bio-fungicide						
Others, please specify (Mushroom spawn, Culture Mineral Mixture, Coir pith compost, Cow dung,						

Cow urine						
Total						

G. Production of livestock & fisheries materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted			
				SC	ST	Other	Total
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)							
Rabbitry							
Fisheries							
Indian carp							
Exotic carp							
Mixed carp							
Fish fingerlings							
Spawn							
Others (Pl. specify)							
Grand Total							

H. SOIL & WATER TESTING

a. Details of equipment available in Soil and Water Testing Laboratory

Sl. No	Name of the Equipment	Qty.
1	Digital soil testing(mini lab) machine	03
2	shaker	03
3	Heating plate	03
4	Measuring cylinder	15
5	Beaker	30
6	Weighing machine	02
7	Test tube	30

b. Details of samples analyzed so far

Total number of soil samples analyzed till now		
Through mini soil testing kit/labs	Through soil testing laboratory	Total
1171	-	1171

c. Detail of Soil, Water and Plant analysis at KVK (2024)

Sl.	Analysis	No. of Samples analyzed	No. of Villages covered	No. of Farmers benefitted	Amount realized (Rs.)
1.	Soil	1171	43	5269	
2.	Water				
3.	Plant				
4.	Fertilizers				
5.	Manures				
6.	Food				
7.	Others (if any)				

d. Details of World Soil Day Celebration - No

Sl. No.	No. of Activity conducted	Soil Health Cards distributed	No. of farmers benefitted	No. of VIPs Number of	Name (s) of VIP(s) involved if any	Total No. of Participants attended the program

	under seed production	seed production	area (ha) covered under seed production		quantity of seed produced (Q)	quantity of seed sale out (Q)	number of farmers purchased seed from KVK	out to farmers (Q)	through sale of seed	out to other organization (Q)	(Lakh) during 2024-24	Hub project presently

3. Financial Progress

Fund received	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2016-17				
2017-18				

2018-19				
2019				
2020				
2021				
2022				
2024				
2024				

4. Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	
Nursery	
Animal sector	
Mushroom / other enterprises	
Others	

3.6 HUMAN RESOURCES DEVELOPMENT, PUBLICATIONS, AWARDS & RECOGNITION

A. Details of Research papers published by KVK (with full title, author & journal)

S.No	Item	Details of publication bibliographic form (Authors name, year, title, volume, issue, page no, journal name)	NASS Rating	
			>6	<6
1	Research paper			

B. Details of Other Publications

Particulars	Details of publication bibliographic form	No of copies published (if any)	No of copies distributed (if any)
Abstracts in Seminar/conference/symposia published			
Books published			
Book chapter published			
Popular articles published			
Success story published			
TOTAL			

C. Details of Extension Publications

Particulars	Details of publication (Title, authors name, organization)	No of copies published (if any)	No of copies distributed (if any)
Extension Bulletins published			
Agro-advisory bulletins			
Extension folders/leaflet/pamphlets			
Technical reports			
News letter			
Electronic Publication (CD/DVD etc)			
TOTAL			

D. Details of HRD programmes undergone by KVK personnel

Sl. No.	Name of KVK personnel	designation	Name of course/training program attended	Date	Duration	Organizer/Venue
1.						
2.						
3.						
4.						

E. Awards/Recognition

Institutional Award received by KVK

Sl. No.	Name of KVK	Name of the Award	Value (In Amount/kind)	Achievement	Conferring Authority

Award received by KVK Scientists

Sl.	Name of KVK personnel	Name of the Award	Value (In Amount/kind)	Achievement	Conferring Authority

Award received by Farmers

Sl.	Name of KVK	Name of the Farmer	Name of the Award	Address	Contact No.	Value (In Amount/kind)	Achievement	Conferring Authority

3.7. TECHNOLOGY DEVELOPMENT

A. Give details of Innovative Methodology/Process/Product or Innovative Technology developed by KVK

Sl. No.	Name/ Title of the technology	Brief details of the Innovative Technology	Impact of the technology	Status of commercialization/Patent

B. Give details of Organic farming practiced/Indigenous Technology/ITK practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

Sl. No.	Enterprise	Brief details of the ITK Practiced	Purpose/Impact of ITK	Impact of the technology

Give details of by the farmer (if Any)

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

C. Indicate the Specific Training Need Analysis Tools/Methodology followed by KVKs

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed
1.	<ul style="list-style-type: none"> *Problem tree and problem cause diagram through PRA. *Problem ranked through matrix ranking *Seasonality of occurrence in crops vegetables and animal disease/ insect infestation. *Gender analysis and drudgery reduction. *Wealth ranking, categorization of farm families based on available resources and assets. 	Identification of courses for farmers/farm women

2.	<p>*Through wealth ranking we identify/ categorized the family and there resources.</p> <p>*We select rural youth for training and in their field for interest and available resources.</p> <p>*Skill and knowledge gapes are identified on need assessment which is done by inviting a structures application form/ questionnaire</p>	For Rural Youth
3.	<p>* Training programme for extensive personnel is based on the season, are of operation and with an objective to update their knowledge with advance technology so that they transfer knowledge/ technology among the farmers in their working area and thus help in faster diffusion of technology</p>	In-service personnel

4. IMPACT

A. Impact of KVK activities/large-scale adoption of technology

Name of specific technology/skill transferred	No. of	% of	Change in income (Rs.)
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	participants	adoption	Before (Rs./Unit)	After (Rs./Unit)
Balance dose of fertilizer in potato crop (120:80:100kg/ ha N:P:K)	50	20	1.63	3.16
Lac cultivation	29	60	-	2.17
Marrigold cultivation	50	15	-	2.50
Farmer's seed (Cauliflower Cvs Barkha) + RDF (100%) (NPK @ 200:150:100 kg/) on the basis of soil test	20	25	1.63	3.0
Nursery bed treatment of brinjal with 5g Foret/ sqm +Keldon (Contaphydro choride) @ 2g/ lit+ supper killer @ 1ml/lit	20	40	1.53	2.72
Mushroom production	30	20	0.85	1.95
Banana Cultivation	10	50	0.65	2.56
Vegetable production	Above 2000	60	1.36	3.20
Improved pig farming (Jharshuk)	Above 2000	45	1.00	2.50
To deep summer ploughing + ICPL-8863for the management of wilting in pigeon pea	50	15	1	1.74
Management of Rice stem borer borer by using phoret 10G @ 10kg/ ha at 20 day after transplanting	40	20	39000	33000
Backyard duck farming with khaki campbell ducks	Above 100	25%	Rs. 200/duck	Rs. 350/duck

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

B. Details of entrepreneurship/startup developed by KVK

Name of the entrepreneur/ Name of the enterprise/firm	
Registered address of the entrepreneur/firm	
Year of establishment	
Type of Enterprise	
Registration details	
No of members associated	
Technical components of the enterprise (with commodity)	
Annual Income/revenue of the enterprise	
Role of KVK/Technology backstopping (quantitative data support)	
Period/Timeline of the entrepreneurship development	
Economic and Social 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):	
Major achievements	
Major constrains	
Images/Imp Documents	

C. Success stories/Case studies, if any

1. Personal information

1.	Name of the farmer/ entrepreneur
2.	Date of Birth
3.	Education
4.	Farming Experience/ Experience in enterprise
5.	Cell no./ e-mail
6.	Full address
7.	Professional membership (Farmer club/SHG/ATMA/etc.)
8.	Major achievement of the farmers
9.	Awards received

2. Professional Information

1.	Title of the success story/case study
2.	Situation analysis/Problem statement (What prompted this initiative? What was the problem that needed to be addressed?)
3.	Plan, Implement and Support/KVK Intervention(s): (Describe what systems of extension have done to address the challenge. What technology/ technical knowledge being used? How were different agencies engaged in or consulted in the extension process? - Who, What, How)
4.	Details of Practices followed by the farmer

	Results/ Output (economical/ social/ etc.) (Key results/ Insight/ Interesting fact- initial, intermediate, or long-term outcome)
6.	Impact/ Outcome: (Determine the HIGHEST level of impact the program had on individuals, families, groups and/or society- Provide a short summary of the actual change (on knowledge, attitude, skills, practice, or policy) that took place. Provide quantitative measures, where possible and use simple graphs or tables to illustrate a point.) (50-100 words)
7.	Future plans
8.	Supporting Images

3. Economic Information

Enterprise	Gross Income (annual)	Net income	Cost-Benefit ratio

5. LINKAGES

5.1. Functional linkage with different organizations

S.No	Name of organization	Nature of linkage
1	1. District Agriculture, Horticulture, Animal Husbandry, Soil conservation, Fisheries and Dairy development officer.	<ol style="list-style-type: none"> 1. Organizing Vocational Training 2. Diagnostic Campus, vaccination etc. 3. Extension activities and training to extension functionaries 4. Kisan Gosthi 5. RKVY 6. MKKY
2	2. Blocks agriculture Department. Patamda, Boram, Ghatsila, Potka, Musabani, Jamshedpur, Dhalbhumgarh & Gurabanda	<ol style="list-style-type: none"> 1. Kisan Gosthi 2. Extension activities 3. Training
3	<ul style="list-style-type: none"> . NABARD . Bank of India . Gramin Bank . Bank of Baroda 	<ol style="list-style-type: none"> 1. In Kisan Club formation 2. Self-help group formation & scale of finance for different crops. 3. Training
4	4. ATMA, East Singhbhum	<ol style="list-style-type: none"> 1. Master Trainer for SREP 2. Kisan Gosthi 3. Training

		4. Farmers Scientists interaction
5	5. NGO'S .TSRDS .Telco Gram Vikash Kendra .Tagore Society .Swadhina .World Vision .Sarramjivi Unnayan Sansthan .Yuva .TSRCS . Paryavaran Chetna Kendra .SSEDS .Mahila Vikas Samiti, Torpa	1. Extension Activities 2. Training 3. Demonstration

5.2. Details of Externally funded project & Programmes during 2024 (Eg. 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.)

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. Performance of Automatic Weather Station in KVK

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

6.6. 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)

6.7 Utilization of staff quarters

- Whether staff quarters have 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
KVK, Main	State Bank of India	Galudih	34732508601
Revolving	State Bank of India	Galudih	34781122074

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*)

Crop	Items	Area (ha)	Area (ha)	Budget	Budget	Balance
------	-------	-----------	-----------	--------	--------	---------

(Groundnut)		allotted	achieved	Received (Rs.)	Utilization (Rs.)	(Rs.)
	i) Critical input	60	60	1296000		
	ii) TA/DA/POL etc. for monitoring			144000		
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total			1440000		
Crop (Sunflower)						
Crop (Sunflower)	Items	Area (ha) allotted	Area (ha) achieved	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input	30	30	297000		
	ii) TA/DA/POL etc. for monitoring			33000		
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total			330000		
Crop (Niger)						
Crop (Niger)	Items	Area (ha) allotted	Area (ha) achieved	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input	100	100	720000		
	ii) TA/DA/POL etc. for monitoring			80000		
	iii) Extension Activities (Field Day)					

	iv)Publication of literature					
	Total			800000		
Crop (Soybean)	Items	Area (ha) allotted	Area (ha) achieved	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input	40	40	540000		
	ii) TA/DA/POL etc. for monitoring			60000		
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total			600000		
Crop (Mustard)	Items	Area (ha) allotted	Area (ha) achieved	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input	200	200	1620000		
	ii) TA/DA/POL etc. for monitoring			180000		
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total			1800000		

7.4. Utilization of KVK funds during the year 2022 (Not audited)

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

7.5. Status of Revolving fund (Rs. in lakh) for last three years

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year (Kind + cash)
2021				
2022				
2024				

7.6. (i) Number of SHGs formed by KVKs

(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities

(iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activities	Season	With line department	With ATMA	With both

7.8 Revenue generation

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

1.			
2.			
3.			

7.9 Resource Generation

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

8. MISCELLANEOUS 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)

8.3. Nehru Yuva Kendra (NYK) Training

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

8.6 Details of 'Pre-Rabi Campaign' Programme

Date of	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	Coverage by other channels (Number)
				MLAs Attended	Chairman ZilaPanch	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, Panch	Total		

8.7. Viksit Viksit Bharat Sanklap Yatra

Sl.	No of events attended	No. of Gram Panchayat covered	Total no of farmer participated	No of Lecture Delivered on Soil Health/ Natural Farming

8.8. 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

8.9 Information on Visit of VIP/Ministers/ MP/MLA/DM/VC/Zila Parishad/Other Head of Organization/Foreigners/other Dignitaries to KVKs, if any

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

8.10 Details of Scientific Advisory Committee (SAC) Meetings

Date	No of participants	Total statutory members present (state line department)	Salient recommendations	Action Taken	If not, State reason

**Salient recommendations of SAC in bullet points*

Details of other meeting related to ATARI

Date	Type of Meeting	Agenda	Representative from ATARI

9. Details of attachment training (RAWA/ FET for ARS/Others) through KVK

Type of attachment	No of student trained	No of days stayed

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

11 PROJECT-WISE REPORTING (Applicable for KVKs identified under the given project)

11.1. Details of Cereal Systems Initiative for South Asia (CSISA)

Season	Village Covered (no.)	Block Covered (no.)	District Covered (No.)	Respondent (no.)	Trial Name	Area covered (ha)	Name of Crop	Technology Options	Variety name	Duration (Days)	Sowing date	Harvesting date	Days of Maturity	Grain Yield (q/ha)	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	BCR

11.2 Details of Tribal Sub Plan (TSP)

a. Achievements of physical output under TSP

Sl.	Activities	Physical Achievement	
		No. of Trainings/Demos	No. of beneficiaries
1)	Trainings		
a.	Farmer		
b.	Women		
c.	Rural Youths		
d.	Extension Personnel		
2)	OFT	No. of OFTs	No. of beneficiaries

3)	FLD	No. of FLDs	No. of beneficiaries
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
5)	Other activities		
a.	Participants in extension activities (No.)		
b.	Production of seed (q)		
c.	Production of Planting material (No. in lakh)		
d.	Production of Livestock strains (No. in lakh)		
e.	Production of fingerlings (No. in lakh)		
f.	Testing of Soil, water, plant, manures samples (Nos.)		
g.	Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)		
h.	No. of other programmes/organised (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)		

b. Fund received under TSP in 2024-25 (Rs. In lakh):

c. Achievements of physical outcome under TSP during 2024

Sl. No.	Description	Unit	Achievements
1	Change in family income	%	
2	Change in family consumption level	%	
3	Change in availability of agricultural implements/ tools etc.	No. per household	

d. Location and Beneficiary Details during 2024

District	Sub-district	No. of Village covered	Name of village(s) covered	ST population benefitted (No.)		
				M	F	T

11.3. Details of Scheduled Caste Sub Plan (SCSP)

Sl.	Activities	Physical Achievement	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer		
b.	Women		
c.	Rural Youths		
d.	Extension Personnel		
2)	OFT	No. of OFTs	No. of beneficiaries

Rainwaterharvestingstructuresdeveloped

New(Nos.)	Renovated(No.s.)	Total	Storagecapacity (cu m)	Protectiveirrigationpotential(ha)	Cropping Intensity (%) increase

Performanceofdifferentdroughttolerantvarieties

FST type	Crop / season (name)	Technologydemonstrated	No.of farmers	Area(ha)/Unit	Yield (q/ha)	Economicsofdemonstration(Rs/ha)		
						GrossCost	NetReturn	BCR

Performanceofdifferentshort duration rice varieties

FST type	Crop / season (name)	Technologydemonstrated	No.of farmers	Area(ha)/Unit	Yield (q/ha)	Economicsofdemonstration(Rs/ha)		
						GrossCost	NetReturn	BCR

Performanceofdifferentfloortolerantvarieties

FST type	Crop / season (name)	Technologydemonstrated	No.of farmers	Area(ha)/Unit	Yield (q/ha)	Economicsofdemonstration(Rs/ha)		
						GrossCost	NetReturn	BCR

Performanceofadvancementofplantingdatesindifferentcrops

FST type	Crop / season (name)	Technologydemonstrated	No.of farmers	Area(ha)/Unit	Yield (q/ha)	Economicsofdemonstration(Rs/ha)		
						GrossCost	NetReturn	BCR

Performancesofwatersavingtechnologiesforricecultivation

Performance of other demonstration

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/Unit	Yield (q/ha)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR

Performance of different fodder demonstration in community lands

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/Unit	Yield (q/ha)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR

Performance of improved fodder

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/Unit	Yield (q/ha)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR

Performance of various vaccination camps organized

FST	Type of animal and Month	Technology demonstrated	No. of farmers covered	No. of animal covered	Less	Heifer	Adult
					1 yr calf		
		FMD					
		HS					
		BQ					

For Goat/ sheep/ pig

FST	Type of animal and Month	Technology demonstrated	No. of farmers covered	No. of animal covered	Kid	Buck	Doe
		PPR					
		Swine flue					
		FMD					

Performance of improved shelters for poultry and dairy animals

FST	Technology demonstrated	No. of farmers	Demo. Unit size (No.)	Survival rate		% Increase in survival	Economics (Rs. /ha)				
				Demo	Local		Gross Cost	Gross Return	Net Return	BCR	

INSTITUTIONAL INTERVENTION

Name Of KVK	Seed bank		Fodder bank	
	Crop with variety	Quantity in (q)	Fodder crop with variety	Quantity in (q)

Revenue generated through Custom Hiring Centres and VCRMC in KVKs

Name of KVK	Revenue Generated (Rs.)	
	From Custom Hiring Centres (2022-23)	Total under VCRMC

Extension Activities

Name of the activity	Number of Programmes	No. of beneficiaries		
		Male	Female	Total

Soil Health Card prepared and distributed

KVK	No. of soil samples collected	No. of samples analysed	SHC issued	No. of farmers benefited

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e. Details of Value addition in Nutri-Smart village

Name of Nutri Smart Village	Name of Crop/ veg./ fruits/ other	Name of Value- added product	Activity (OFT/FLD)	No. of farmers/ beneficiaries

f. Training programmes in Nutri-Smart village

Name of Nutri Smart Village	Area of Training	No of courses	No. of beneficiaries

g. Extension activities under NARI Project

Name of Nutri-Smart Village	Title of Activity	No. of activities	No. of beneficiaries

11.7 Attracting and Retaining Youth in Agriculture (ARYA)

Name of Enterprises	No of Skill training conducted (No.)	Name of Training	Duration (Days)	Youth trained (No.)	Established entrepreneurial unit (No.)	No. of Groups Formed for establishment of unit	No. of Members in each Group	No. of Groups active	No. of persons left the group	Total Via ble unit (No.)	Average size of each entrepreneurial unit	Total Production /unit / year	Per unit cost of Production (Rs)	Sale value of Produce (Rs.)	Gross Return/Unit /Year (Rs.)	Economic Gains / unit (Rs.)	B:C Ratio	Employment generated/year (manday @ 8 hr/day)

11.8 Out-scaling of Natural Farming Format

Geographical information

Name of State			
Name of KVK			
Agro Climatic Zone of Village/KVK			
Farming Situation of the Selected Farmer/KVK		Latitude (N)	Longitude (E)

Physical information

Name of KVK	Name of activity	No of activities organized	No of participants	Participants (Male)						Participants (Female)							
				GEN	OBC	SC	ST	Others	Total	GEN	OBC	SC	ST	Others	Total		
	Training																
	Awareness																
	Demonstration																
	Other activities																

Training information

Title of Natural Farming training Programme	Date of Training	Venue of programme	Participants (Male)						Participants (Female)						GT	Remarks/Observation/Feedback Recorded
			GEN	OB C	S C	S T	Others	Tot al	GE N	O B C	S C	S T	Others	Tot al		

Awareness programme information

Title of Natural Farming Awareness programme	Date of Awareness programme	Venue of programme	Participants (Male)						Participants (Female)						GT	Remarks/Observation/Feedback Recorded
			GEN	OB C	S C	S T	Others	Total	G E N	O B C	S C	S T	Others	Total		

Any other Programme /Activity organized for Natural farming promotion

Name of the Innovative programme organized	Significance of innovative programme	Remarks/Observation/Feedback Recorded

Details of Beneficiaries under Demonsatration at Farmer's Fields

Name of KVK	No. of blocks covered	No. of village covered	Total no. of Trained/Practicing NF Farmer	No. of farmers influenced to adopt NF	No. of farmers with whom the NF farmer can engaged all season	No. of farmers with whom the NF farmer can engage in 1 season	Any Remarks (in <50 words)

Demonstration Information

KVK/ Farmer wise information of demonstration conducted till date			
Name of State			
Name of KVK/Farmer where demonstration conducted			
Address of Farmer with contact detail			
Agro Climatic Zone of KVK/Village of farmer			
Cropping patter of KVK plot/ Farmer plot			
Farming Situation of the Selected KVK/Farmer		Latitude (N)	Longitude (E)

Name of Activity	Crop	Variety	Season (Kharif /Rabi/ Summer)	Name of Natural Farming components/Technology demonstrated	Area (ha) in Natural farming practice	Detail of farmer practice	Observations Recorded		
							Name of parameter	Performance	
								Without NF practice	With NF practice
							Plant height (cm)		
							Other relevant parameter		
							Yield (q/ha)		
							Cost of cultivation (Rs/ha)		
							Gross Return (Rs/ha)		
							Net Return (Rs/ha)		

										B:C Ratio		
										Soil PH		
										Soil OC (%)		
										Soil EC (dS/m)		
										Available N (Kg/ha)		
										Available P (Kg/ha)		
										Available K (Kg/ha)		
										Soil Microbes (cfu)		
										Any other, specify		
Feedback of farmer												

Information of Farmer Already Practicing Natural Farming

S. No.	Name of District	Name of Farmer	Name of Village and address with contact No	No. of Indigenous (Desi Cows)	Land Holding (ha)	Normal Crops Grown	No. of Years practicing in Natural Farming	Area (ha) Covered under Natural Farming	Crop Grown under Natural Farming	Natural Farming Technology practicing/ adopted	Observations Recorded		
											Name of parameter	Performance	
												Without NF practice	With NF practice
											Plant height (cm)		
											Other relevant parameter		
											Yield (q/ha)		
											Cost of cultivation (Rs/ha)		
											Gross Return (Rs/ha)		
											Net Return (Rs/ha)		
											B:C Ratio		
											Soil PH		
											Soil OC (%)		
											Soil EC (dS/m)		

												Available N (Kg/ha)		
												Available P (Kg/ha)		
												Available K (Kg/ha)		
												Soil Microbes (cfu)		
												Any other, specify		

Feedback of farmer:

Soil Data information

Soil Parameter for Demo plot at KVK Farm

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)

Soil Parameter for Non-Demo plot at KVK Farm

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)

Soil Parameter for Demo plot at Farmer's Field

Season	Crop	Before crop sowing	After harvesting

11.8 District Agro Meteorological Unit (DAMU)

S. No	No. of Block agromet advisories send	No. of advisory bulletin published	No. of Farmers Awareness programmes organized	No. of farmers feedback received	No. of farmers received agromet advisory bulletin	No. of publication

11.9 KSHAMTA

Number of Adopted Villages	No. of Activities		No. of farmers benefited	
	Demo	Training	Demo	Training

11.10 Agri-Drone

S. No.	Name of parameter	Details of parameter
1	Name of the project implementing centre (PIC)	
2	No. of Agri Drones Sanctioned	
3	No. of Agri Drones Purchased	
4	Amount sanctioned (Rs)	
5	Purchased cost of each Drone (Rs.)	
6	Company and Model of Drone	
7	Name and contact No of Agri Drone Pilot	
8	Target Area for Agri Drone Demonstration (ha) (1 demo = 1 ha area)	
9	Amount sanctioned for Agri Drone Demonstrations (Rs.)	
10	Amount utilised for Agri Drone Demonstrations (Rs.)	
11	Area covered under demos (area in ha)	
13	Operation carried out (Pesticide/Weedicide/Nutrient application) in demonstration organised	
14	Number of farmers participated during demonstration	
15	Advantages of using Agri Drones as observed during the demonstrations	

Details of Demonstrations under Agri-drone Project

	Name of district	Date of demonstration	Place of demonstration	Crop Name	No. of demos	Area covered under demos (area in ha)	No of farmers participated
Demos on insecticide spray							
Demos on weedicide spray							
Demos on nutrient spray							

11.11 Augmenting Rapeseed- Mustard Production of Tribal Farmers of Jharkhand state for Sustainable Livelihood Security under Scheduled Tribe Component.

Varieties used	Situations (Irrigated/ Rainfed)	Varieties used in FP	Yield (Kg/ha)		YIOFP (%)	COC (Rs./ha)		GMR (Rs./ha)		ANMR (Rs./ha)	B:C ratio GMR/CoC	
			IP	FP		IP	FP	IP	FP		IP	FP

S.No	Item /Activity	Units	Quantity	No of beneficiaries
1	Training (Capacity building /skill development etc)			
1.1	1-3 days	No.		
2	Frontline demonstration (FLDs) and other demonstrations			
2.1	Area under FLDs	Hectare		
3	Awareness camps, exposure visit etc	No.		
4	Input Distribution			
4.1	Seeds (Field Crops)	Kg		
4.2	Small equipment's (Upto ₹ 2000)	No.		
4.3	Large equipment's (more than ₹2000)	Nos.		
4.4	Fertilizers (NPK)/ Secondary/ Micro Fertilizers	Kg		
4.5	Plant Protection chemicals	Lit.		
5	Distribution of Literature	No.		
6	Kisan Mela	No.		
7	Any other (specify)	No.		
8	Total Budget Utilized	Rs		

12. OTHER INFORMATION

12.1 Integrated Farming System (IFS)

a. 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

b. Activities under IFS

Sl. No.	Component Name	No. of KVKs under the Component	No. of Components established	Area (ha)	No. of Activities		No. of farmers benefited	
					Demo	Trainin g	Demo	Trainin g
1.								
2.								

12.2 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					
II					
Total					

12.3 . PPV & FRA Programme

Date of training/awareness programme	Venue	Resource Person	No. of participants

Details of plant varieties registered

Name of crop Registered	Year of registration	Registration number	Farmer name and details	Adress of the farmers

12.4. a. Observation of Swachhta hi Sewa (2nd -31st Oct 2024)

Date/ Duration of Observation	Total No of Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
20 Oct to 31 Oct	Swachhta Awareness and cleaning of KVK Campus	20	10	-	30

b. Observation of SwachtaPakhwada (15 Dec -31st Dec 2024)

Date/ Duration of Observation	Total No of Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total

c. Details of total budget expenditure on Swachh activities including SAP- NA

S.No	Activities	No of village covered	Total Expenditure (Rs.in Lakhs)
1.	Vermicomposting		
S.No	Activities	Name of activities conducted	Total Expenditure
1.	Activities under Swachata Other than vermicomposting		

I/C Senior Scientist & Head

KVK East Singhbhum

12.5 Good quality action photographs with caption in JPEG FORMAT SEPARATELY of overall achievements of KVK during the year
