

Krishi Vigyan Kendra, Latehar

Action Plan 2024-25

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KRISHI VIGYAN KENDRA, LATEHAR

Latehar: At a glance

L ATEHAR has been named after the village of the same name on Ranchi Daltonganj Road. It is 100 k.m. away by road from Ranchi, the capital of Jharkhand. Latehar is famous for its rich natural beauty, forest, forest products and mineral deposits. Latehar remained an integral part of Palamau District as a sub division since 1924.

It got elevated from sub divisional status to a district on 4th April 2001 vides Jharkhand Govt. Notification No 946 dated 04.04.2001. Latehar is located on the north–west corner of Jharkhand in the Palamau Commissionary. It is surrounded by Ranchi, Lohardaga, Gumla, Palamau and Chatra district apart from Chhattisgarh state and district headquarters is situated at 84.51198 East Longitude and 23.741988 North Latitude.

It's a predominantly tribal district with almost 45.54% of the population belonging to the schedule tribes and more than 66 % of total population comprises SCs and STs. The total area of the district is 3,622.50 Sq. Km and one of the block headquarters is more than 200 K.M. away from the district headquarters.

There are two subdivisions (Latehar and Mahuadanr) and nine Community Development Blocks in the district within which distantly located villages are scattered amidst the dense forest, hilly terrains and agricultural fields. The number of Scheduled Castes and Scheduled Tribes is predominantly high here and Latehar comes under Tribal Sub Plan A

SL. NO.	NAME OF THE BLOCK	NO OF VILLAGES		TOTAL NO. OF PANCHAYAT	Area Sq.Km.
		TOTAL VILLAGES	INHABITED VILLAGES		
01	LATEHAR	166	19	18	458.83
02	CHANDWA	85	0	17	587.86
03	BALUMATH	67	4	13	351.51
04	MANIKA	84	2	15	338.86
05	BARWADIH	83	2	16	435.26
06	GARU	74	5	8	222.98
07	MAHUADANR	106	8	14	637.83
08	BARIYATU	56	0	9	337.40
09	HERHANJ	51	0	5	251.97
TOTAL		772	40	115	3622.50

Population of Latehar District

S.I. No.	Block	Total no of Village	Population	Literacy	Sex Ratio
1.	Bariatu	56	60,095	43.6%	979
2.	Balumath	67	89,012	47.3%	964
3.	Heranj	51	34,630	43.3%	949
4.	Chandwa	85	106,653	47.4%	969
5.	Latehar	167	144,495	50.5%	968
6.	Manika	84	88,095	47.2%	961
7.	Barwadih	83	98,992	45.2%	958
8.	Garu	74	30,274	45.6%	988
9.	Mahuwadarn	106	74,732	58.5%	971

Land use pattern

PARTICULARS	LATEHAR	GARU	MAHUADANR	BARWADIH	MANIKA	BALUMATH	CHANDWA	TOTAL
GEOGRAPHICAL AREA (IN HA.)	47915	23429	66922	455545	35289	98454	61514	379068
A. NET CULTIVATED AREA	13060	1809	11352	3994	5622	7107	11214	54158
B. CURRENT FALLOW LAND	7304	2068	9984	7585	403	12486	5972	45802
C. BARREN NON CULTIVABLE	4585	845	5830	2408	2956	5843	3254	24721
D. FOREST	19524	16240	25838	24167	19012	54259	33710	162745
E. LAND PUT TO NON AGRIL.								
I. LAND AREA	1083	888	3424	2122	739	1198	1463	11017
II. WATER AREA								
PERMANENT	480	50	184	189	150	493	64	1610
SEASONAL	192	-	300	139	92	191	141	1055
F. CULTIVATED WASTE LAND	736	394	260	854	626	1748	1911	6519
G. PERMANENT PASTURE & OTHER GRAZING LAND	143	-	766	78	6	249	-	1242
H. MICL. TREES & TREE CROPS NOT INVOLVED IN (A)	237	-	978	152	280	4793	75	6515
OTHER FALLOW LAND	4405	1433	7007	3860	2804	10088	3715	33315

PRINCIPAL CROPS OF THE DISTRICT

INTRODUCTION OF KVK

(The Krishi Vigyan Kendra (KVK) is the district level Farm Science centre established by the Indian council of Agriculture Research for speedy transfer of Technology to the farmer's fields. The aim to reduce the time lag between generation of technology at the Research Institutions and its transfer to the farmer's fields to increase productivity and income from agriculture and allied sectors on a sustained basis.) In order to achieve this goal, following four mandates have been envisaged in the design of the Krishi Vigyan Kendra.

1. Collaborate with the subject matter specialists of the state Agricultural universities / Scientists of the Regional Research Stations (NARP) and the state Extension Personnel in "on- farm testing", referring and documenting technologies for developing region specific sustainable land use systems.
2. Organize training to update the Extension Personnel within the area of operation with emerging advances in agricultural research or regular basis.
3. Organize long-term vocational training courses in agriculture and allied vocations for the rural youths with emphasis on "learning by doing" for generating self employment through institutional financing.
4. Organize front- line demonstration in various crops to generate production data and feed back information.

The Indian Council of Agricultural Research reorganized the importance of speedy transfer of technology right from the research laboratories to the farmer's fields right from the start of the green revolution phase in mid sixties. A number of extension education programmes like National Demonstration Project, Krishi Vigyan Kendra, Lab to Land Programme, Operational Research Project and National Agricultural Technology Project (NATP) were started and they played an important role in bringing the research scientists face to face with the farmers. The scientists helped to transfer the technology. These programmes greatly contributed towards increasing the agricultural productivity in different parts of the country.

In 8th Five year plan (1992), all the extension education projects of the ICAR were integrated and merged with the KVKs as per needs of the farming community. The KVKs are now changed with the responsibility of:-

Sl. No.	Crop	Kharif	Rabi	Zaid
1.	Cereal	Rice, Maize, Millets	Wheat	Summer rice
2.	Oil seed crop	Groundnut, Niger, sesame	Toria, Rai, Mustard, Linseed.	
3.	Pulses crop	Arhar, Urd, Moong	Pea, Gram,	
4.	Vegetables	Bhindi, Cowpea, Cucurubits etc.	Potato, Tomato, Bringal etc.	Bhindi, Cowpea, Cucurubits etc.
5.	Fruits crop	Papaya, Jackfruit, Mango, etc.	Guava, Mahua	Jack fruit, Mango etc.

Testing and verifying the technologies in the Socio – economic condition of the farmer's and identifying the Production Constraints.

- (i) Promptly demonstrating the latest agricultural technologies to the farmers as well as to the extension workers of the State development Departments with a view to reduce the time- lag between the technology generation and its adoption.

- (ii) Getting the first hand scientific feed- back from the fields and passing it to the research system in order to keep the scientists at least with the performance of the technologies generated by them, so that they reorient this research, education and training programme accordingly.
- (iii) Imparting training to the farmers farm women, rural youth and field level extension functionaries by following the Principles of “ Teaching by Doing “ and “ Learning by Doing”,
- (iv) Providing training and communication support to the state department of Agriculture / NGO’s ; and
- (v) Based on field work and experience, developing extension models to be adopted by general extension system for large scale multiplication.

The Krishi Vigyan Kendra, Balumath, Latehar was sanctioned in March 2007 and it came under the jurisdiction of **Birsa Agricultural University Kanke, Ranchi-6**. It is situated at Batumath block away from 34 km of district headquarter on Ranchi Chatra Road (NH 99)

Major Agricultural Problems of the District

Enterprises wise specific / technological problems and constraints of the district

For the rapid development of an area through agriculture, provision of irrigation facility is essential. The district possessing hills and rolling topography cannot be brought under rural command irrigation system. High level bunds, water reservoir projects, large diameter wells and intake wells are the only solution for the area. However, all these reservoirs together, cover an area of about 5% of the total cultivable land. Therefore, farmers of the district are almost entirely dependent on rains for agriculture, hence mono cropping is predominant. The crop production practices are primitive and traditional.

1. The district gets fairly high amount (1200- 1400 mm) of rainfall but the distribution is highly erratic and 90 % of it is mainly received during the four monsoon months June to September. Even within this period, drought spells of 4 to 6 week duration are not uncommon causing water stress.
2. Soil erosion is a menace and every year fairly substantial area of land is converted into gullies. The problem of soil erosion is getting aggravated due to faulty method of cultivation leading to land degradation.
3. Availability of quality seeds and planting materials continue to be major constraints in farming. Indigenous breeds of livestock are common. The use of improved agricultural implements in the district is almost negligible.
4. The cattle population is generally very poor, short in stature having low milk yielding capacity and low draft power. The genetic stock of other animals like goats, sheep, pigs and poultry is also very poor. There is scarcity of animal’s feeds and fodder. The crop residues are mainly used as animal feed.
5. Unawareness about different agricultural implements used for crop production.
6. There has been very weak linkage between research, extension, education, credit system etc. to agricultural development.
7. Excessive dependence on the rice in all farming situations makes agricultural production highly vulnerable to vagaries of weather. Excessive weed pressure, particularly in direct seeded crops, seriously hampers crops production.
8. Lack of risk taking capacity of the farmer’s due to poverty and on farm resource availability leads to the exclusion of the needed agricultural inputs, in desired quality.
9. Stray Cattle grazing in the Rabi Season severely limits the introduction of Rabi crops, during winter, hence mono cropping.

10. Absently land lordism the land lords themselves are not involved in farming. They employ labour and get the work done. The labour in turn, gets paid a fix amount of wages on the basis of cultivated area which is not linked with productivity and production per unit area.
11. Unawareness about post harvest practices, hence lost of produce and handling storage.
12. Unhealthy attitude towards development projects mainly due to :-
 - ❖ *The farmers depend on subsidy.*
 - ❖ *Their extra vacancy in social customs.*
 - ❖ *Improper use of available loan.*
 - ❖ *Lack of trust in extension agencies.*
 - ❖ *Lack of Plasticity in the agricultural systems and approach pre clued adoption of midterm corrective measures.*

Thrust areas identified through PRA, Survey or any other method

- i) Improvement of soil and water conservation practices
- ii) Management of irrigation water
- iii) Management of problematic soils
- iv) Improvement in crop productivity
- v) Improvement in yield of mono crop rice/paddy
- vi) Diversification of traditional rice-based cropping system with appropriate commercialization
- vii) Breed Improvement of cattle, pig and goat
- viii) Popularization of IPM measures for field and Horticultural crops
- ix) Introduction of post harvest & value addition technology
- x) Entrepreneurship development of SHG groups.

STAFF POSITION

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale with present basic	Date of joining in KVK, Latehar	Category (SC/ST/OBC/Others)
1.	Sr. Scientist & Head	Dr. Arvind Kumar Mishra	Sr. Scientist & Head	Agri. Extension	204700	19.7.2004	Gen
2	Scientist	Dr. S. P. Kumar	Scientist	Horticulture	110500	20.7.2004	Gen
3	Scientist	Mahesh Chandra Jerai	Scientist	Agronomy	92500	19.7.2004	ST
4	Scientist	Dr. Sunita Kumari Kamal	Scientist	Home Science	92500	20.07.2004	SC
5	Driver	Ashok Kumar	Driver	-	9000 Contractual	02-02-2009	OBC
6	Supporting staff	Muni Singh	Supporting staff	-	7000 Contractual	01-04-2008	Gen

ACTION PLAN 2024-2025

OFT						FLD					
No. of technologies: 8						No. of technologies: +					
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
6	-	60				20	-	1240	-	-	-

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
148	-	4380	-	-	-	16	-	7200			

Seed production (q)			Planting material (in Lakh)		
Target	Achievement		Target	Achievement	
60			5000		

1. On Farm Trial (Agri. Extension) 2024-25

1	Title	Assessment of Agriculture advisory given by KVK
2	Problem diagnosed	Poor dissemination of information due to various barriers.
4	Details of technology selected for assessment/refinement	Assessment Analysis.
5	Technology Option-I (TO-I)	Text message through phone (M-Kisan)
6	Technology Option-I (TO-II)	A/V message through Whatsapp call.
7	Technology Option-I (TO-III)	Text message in Bulletin form through Whatsapp.
8	Source of Technology (ICAR/AICRP/SAU/other, please specify)	BAU, Ranchi.
9	Replication	50
10	Production System & Thematic area	Rice based mono cropping And thematic area is use of information technology in Agriculture.
11	Performance of the technology with performs indicator.	It was observed that 45 percent farmers reported that messages they get through Whatsapp call were highly understandable, while message through bulletin and phone text were medium and low understandable respectively

		for 36 & 19 percent farmers, 42 percent farmers reported that messages through Whatsapp call were fully applicable while message through bulletin and phone text were medium and low applicable respectively for 44 & 14 percent farmers.
12	Final recommendation for micro with performance indications	Group phone call over social media can be recommended for better understanding and applicability of the agricultural technology for a mixed educated population of farmers.
13	Constraints identified and feedback for research	Lack of technical knowhow prohibited farmers in using IT tools for agriculture.
14	Process of farmers participation and their reaction	Group discussion, schedule, and meeting.
15	Co-ordinating Scientist	Dr. Arvind Mishra & Dr. Sunita Kumari Kamal

2. On Farm Trial (Agri. Extension) 2024-25

1	Title	Assessment of effectiveness of extension approach for pest & disease management practices in tomato production technology.
2	Problem diagnosed	Poor dissemination of information due to various barriers.
4	Details of technology selected for assessment/refinement	Assessment Analysis
5	Technology Option-I (TO-I)	Management practices of insect pest management on level.
6	Technology Option-I (TO-II)	Management practices of insect pest management as per recommendation.
7	Technology Option-I (TO-III)	Management practices of IPM model.
8	Source of Technology (ICAR/AICRP/SAU/other, please specify)	BAU, Ranchi.
9	Replication	10
10	Production System & Thematic area	Rice based mono cropping and thematic area is disease and pest control.
11	Performance of the technology with performance indicator.	
12	Final recommendation for micro with performance indications	
13	Constraints identified and feedback for research	

14	Process of farmers participation and their reaction	
15	Co- ordinating Scientist	Dr. Arvind Mishra & Dr. S. P. Kumar

3.On Farm Trial (Horticulture) 2024-25

1	Title	Performance assessment of wilt resistant varieties of tomato. (<i>Lycopersicum, esculentum</i> L) Balumath, Latehar.
2	Problem diagnosed	Poor quality and low yield.
4	Details of technology selected for assessment/refinement	FP:- Saksham To1:- Abhilash To2:- Swarnarekha To3 :- Ns 5022 To4 :- Swarnalalima/Swarna Navin
	Source of Technology	HARP, Ranchi
6	Design	RBD
7	Replication	10
8	Production System & Thematic area	Crop + Vegetable Production System
9	Performance of the technology with performs indicator.	Yield q/ha % increase in yield, additional yield q/ha gross return, net return, B: C ratio & Disease infestation.
10	Constraints identified & feedback of research	Wilting of plants & unawareness of disease and wilt resistant vars. of tomato.
11	Process of farmer's participation & their location.	After interaction wilt farmers of various locations in Balumath, Latehar district.
12	Input provided	Seed & fungicide
13	Fund required for one replication	Rs. 1,000/-
14	Total fund required	10,000/-
15	Co- ordinating Scientist	Dr. S. P. Kumar

4. On Farm Trial (Horticulture) 2024-25

1	Title	Integrated pest management of fruit & Shoot borer in brinjal (<i>Solanum melongena</i> L)
2	Problem diagnosed	Poor quality & low yield
3	Details of technology selected for assessment/refinement	FP: - Dusting of ash or casual spray of insecticide. To1:- Use of pheromone trap @ 10-12 nos./ha + two spray of neem seed kernel extract-@ 3% one before flowering & 2 nd after fruit set. To2:- Use of pheromone trap @ 10-12 nos./ha + basal application of chlorpyrifos granules @ 1g/plant + two spray of neem seed kernel extract @ 3% one before flowering & 2 nd after fruit set.
4	Source of Technology	BAU, Ranchi
5	Design	RBD
6	Replication	10
7	Production system and thematic area	Crop + vegetable Production System
8	Performance of the technology with performance indicators.	Yield (q/ha), % increase in yield/ha, additional yield /ha gross return, net return, B: C ratio & pest infer station (%)
9	Constraint indentified & feedback for research	Unawareness about seriousness of shoot & fruit borer
10	Process of farmers participation & their reaction	After interaction with farmers of various locations in Balumath, Latehar district.
11	Input provided	Seed & Pesticide
12	Fund required from replication	1,000/-
13	Total fund required	10,000/-
14	Co- ordinating Scientist	Dr S. P. Kumar

5. On Farm Trial (Home Science) Rabi - 2024-25

1	Title	Enrichment of <i>Ragi</i> Malted Flour through different process methods.
2	Thematic Area	Value addition.
3	Problem Identified	Malnutrition among rural areas.
4	Hypothesis	Enhance nutritional security
5	Objective	Develop enrich ragi flour
6	Source of Technology	CFTRI Mysore, RAU, PUSA & BAU Kanke.
7	Technology Details	T0- Farmer's practice(Ragi flour) T0 ₁ . Ragi +wheat +Pulses+ Mushroom (40+40+17+3)gm T0 ₂ .Ragi +wheat+ Pulses (40+40+20)gm
8	Design	RBD
9	Replication	10
12	Observation to be recorded	I) Technical indicator a) Acceptability test b) Organoleptic test c) Storage Period d) Analysis of food II) Economic indicator a) Cost of production(Rs/kg) b) B:C ratio(Rs/kg)
13	Input Provided	Related items of OFT
14	Fund required for one replication	1000/-
15	Total fund required	10000/-
16	Co-ordinating Scientist	Dr. Sunita Kumari Kamal, Dr. S. P. Kumar (Horticulture)

6. On Farm Trial (Home Science) Rabi - 2024-25

1	Title	Assessment of developed Health mix foods from locally available staple food grains.
2	Thematic Area	Value addition
3	Problem Identified	Malnutrition among Farm women in rural areas
4	Hypothesis	Enhance nutritional security
5	Objective	To prevent malnutrition in rural areas for all age groups
6	Source of Technology	CFTRI, Mysore, Karnataka
7	Technology Details	FP (unprocessed maize flour) To1- Health mix food-1 (Maize-1000gm, whole Green gram-100gm, skimmed milk powder- 300gm, groundnut-100gm, suger powder-400gm, chocolate powder-50gm) To2- Health mix food-II (Maize-1000gm, Bengal gram-100gm, Til-150gm, skimmed milk powder-300gm, suger powder-400gm, chocolate powder-50gm)
8	Design	RBD
9	Replication	10
12	Observation to be recorded	1 Technical indicator A. Acceptability test B. Storage period C. Analysis of food 2 Economic indicator A. Product recovery (kg/ replication) B. B:C Ratio
13	Input Provided	Maize, Green gram, Groundnut, Bengal Gram, Til etc.
14	Fund required for one replication	1000/member
15	Total fund required	10000.00
16	Co- ordinating Scientist	Dr. Sunita Kumari Kamal (Home Science) & Dr. S. P. Kumar (Horticulture)

TRAINING PROGRAMME 2024-2025

Abstract of the training program proposed during 2024 to 2025

S.no.	Discipline	No. of courses	No of Training	Total no of Participants
(A) Training Programme				
1.	Crop Production	24	16	720
2.	Horticulture	24	12	720
3.	Home Science	30	12	990
4.	Agri. Ext.	30	12	750
Total		108	52	3180
(B) Rural Youth				
1.	Crop Production	12	6	360
2.	Horticulture	6	4	180
3.	Home Science	7	3	210
4.	Agri. Ext.	7	4	210
Total		32	17	960
(C) Extension Functionaries				
1.	Crop Production	2	2	60
2.	Horticulture	2	1	60
3.	Home Science	2	1	60
4.	Agri. Ext.	2	1	60
Total		8	5	240
Grand Total		148	74	4380

A. Training program for practicing farmers and farm women.

Discipline	Month/Year	Course Title	Objective	Venue	Duration /days	No. of course	Beneficiaries								
							SC		ST		Others		Total		Grand total
							M	F	M	F	M	F	M	F	T
Crop Production	April 2024 to June 2024	Nursery raising for SRI	To create awareness about proper seeding method & seed rate SRI	Off campus	6	2	9	23	14	23	5	6	28	52	80
		Reclamation of acidic soil	To create awareness about reclamation of acidic soil.	Off campus	4	2	9	25	14	29	5	10	28	64	92
		SRI method of paddy cultivation	To increase knowledge about SRI method of paddy cultivation among farmers	On campus	5	2	16	19	21	31	4	2	41	52	93
		Use of Rhizobium culture in pulses.	To save nitrogenous fertilizer as well as to improve soil health	ON campus	4	2	9	25	14	30	5	10	28	63	91
Horticulture	-do-	Protected cultivation	To create awareness about protected cultivation.	On campus	5	2	17	13	25	36	5	36	47	62	109
		Boron application in rainy season tomato	To create awareness about reason of fruit drop.	Off campus	5	2	8	13	16	27	7	2	31	42	73
		Nursery raising technique for vegetable crops	To create awareness about proper seeding raising method	On campus	4	2	11	13	18	37	9	2	38	52	90
Home Science	-do-	Storage loss minimization techniques	To impart training to develop knowledge on manufacture of low cost technology storage of grains.	Off campus	5	2	13	16	16	43	5	13	34	72	106
		Value addition	To impart training to develop knowledge on mushroom cultivation.	ON campus	4	2	9	12	17	27	6	8	32	47	79
Crop Production	July 2024 to Sep-2024	SRI method of paddy	To improve yield Paddy	ON campus	5	1	6	14	10	46	4	6	20	66	86
	-do-	Weed Control in Maize	To create awareness among the farmers for	Off campus	5	2	10	24	13	43	7	12	30	79	109

			producing pure & healthy pulse seed.													
Home Science	-do-	House hold food security by kitchen and nutritional gardening.	To impart training to develop knowledge on nutritional garden.	ON campus	5	2	6	12	21	42	3	6	30	60	90	
		Income generation activities for empowerment of rural women.	To impart training to develop knowledge on activities for empowerment of rural women	ON campus	4	2	16	19	19	28	5	2	40	49	89	
Horticulture	-do-	Technique of high density orchard growing specially Guava	To create awareness about judicious use of up land	On campus	5	1	19	16	49	46	15	11	83	73	156	
		Pruning in Horticulture crops	To regulate crop and get higher yield	On campus	4	2	12	39	37	48	5	19	54	106	160	

Crop Production	Oct-2024 to Dec-2024	INM in oilseed crops	To increase knowledge about the interrogated nutriment in oilseed crop	Off Campus	5	2	14	21	19	34	3	4	36	59	95
	-do-	Use of Rhizobium culture in pulses.	To save nitrogenous fertilizer as well as to improve soil health	Off Campus	4	2	9	12	37	38	5	5	51	55	106
	-do-	Seed production of Wheat	To create awareness among the farmers for producing pure & healthy seed.	ON campus	6	2	22	9	35	17	4	4	61	30	91
Horticulture	-do-	Nursery raising technique for vegetable crops	To create awareness about proper seeding raising method	On campus	5	1	16	19	26	49	5	18	47	39	86
		Off season vegetable cultivation through low cost poly tunnel.	To create awareness among the farmers for producing vegetables for higher return.	On Campus	4	2	15	9	26	19	5	7	46	35	81

Crop Production	Jan-2025 to Mar-2025	Use of Rhizobium culture in Pulses	To increase knowledge & skill for nitrogen fixation & soil health	On Campus	4	2	16	13	28	38	4	10	48	61	109
Home Science	-do-	Storage loss minimization techniques	To impart training to develop knowledge on manufacture of low cost technology storage of grains.	Off Campus	6	2	17	26	39	62	12	20	68	108	176
		Mushroom Production	To impart training to develop knowledge on mushroom cultivation.		4	1	9	13	19	38	7	10	35	61	96
Horticulture	Jan-25 to March-25	Growing of vegetables under protected condition	To create awareness among the farmers for producing vegetables for higher return.	ON campus	5			26				11	20		
	-do-	Disease & Pest management of fruit	Increase the productivity of fruit crops..	On Campus	6	2	5	14	13	59	2		32	96	116
Home Science	-do-	Nutritional Security	To impart training to develop knowledge on nutritional garden.	Off Campus	5	2	39	16	64	57	8	5	111	78	189
		Value addition	To impart training to develop knowledge on Tomato cultivation		4	2	34	16	49	38	8	14	91	68	159
			To impart training to develop knowledge on seasonal fruit and vegetables		6	2	6	17	17	57	7	5	30	79	109
Total					134	52	378	494	695	1080	167	268	1770	1240	3010

(B). Income and employment generating training programme for rural youth and women

Discipline	Month/Year	Course Title	Objective	Venue	Duration /days	No. of course	Beneficiaries								Total
							SC		ST		Others		Total		
							M	F	M	F	M	F	M	F	
Seed Production	April 2024 to March 2025	Farmers participatory rice seed production	To increase the availability of quality seed at village level and profitability of farmers	ON campus	5	02	16	13	56	29	7	4	79	46	134
		Farmers participatory wheat seed production		On Campus	4	02	13	23	43	35	8	10	63	68	131
Production of organic inputs	-do-	Vermi Composting	Entrepreneurship development	ON campus	5	02	12	15	44	57	8	7	63	79	143
Propagation Technique	-do-	Propagation Technique of Fruit	To increase income and employment opportunity	On Campus	4	02	13	19	57	62	7	13	77	94	137
Nursury Management	-do-	Nursury Management of Vegetables	To increase income and employment opportunity	On Campus	5	02	12	16	45	37	7	4	64	57	126
Mushroom cultivation	-do-	Production technique of Oyster mushroom	To increase income and employment opportunity	ON campus	4	03	11	15	53	45	5	7	69	67	162
Value Addition	-do-		To impart training to develop knowledge on seasonal fruit and vegetables	On Campus	5	04	12	12	53	45	5	7	70	64	127
Total					32	17	89	113	351	310	47	52	485	475	960

(C). Extension Functionaries

Discipline	Month/Year	Course Title	Objective	Venue	Duration /days	No. of course	Beneficiaries								Grand Total
							SC		ST		Others		Total		
							M	F	M	F	M	F	M	F	
Crop Production	April 2024 to March 2025	Nursery raising for SRI	To create awareness about proper seeding method & seed rate SRI	On campus	2	1	6	9	11	16	3	8	20	33	63
		Integrated Nutriment Management in Major Crop.	To increase knowledge about benefits of summer ploughing	On campus	2	1	5	8	12	17	3	8	20	33	57

Horticulture	-do-	Precision farming	To create awareness about growing of vegetables under protected condition	On campus	2	1	12	6	23	19	5	3	40	28	60
Home science	-Do-	Low cost and nutrient efficient diet designing	Impart training to refresh knowledge on Low cost nutrient diet designing.	On campus	2	2	13	5	22	18	5	3	40	26	60
Total					8	5	36	28	68	70	16	22	120	120	240

Front line demonstration under TSP Programme

Season (Kharif 2024-25) Demonstration of Crop

Sl. No.	Crop	Variety & Technology	Area (ha)
1.	Paddy	Variety MTU1010	10
2.	Vegetable	Demonstration of rainy season vegetable production (Tomato, Chilli , Brinjal ,Pointed Gourd ,(Hybrid Variety& Improved)	10
3	Mushroom	Oyster spawn	-
4	Trichodema	Vegetables	2
5	Papaya	Red Lady	2

Demonstration of Farm Implements

1.	Small Implements (Maize Sheller, Naveen Sickle, Sprayer, Conoweeder)	50
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Demonstration on nutrient management

1.	Demonstration of Lime	10
2.	Demonstration of Boron	2
3.	Demonstration of Sulphur	2

Season (Rabi 2024-25) Demonstration of Crop

Sl. No.	Crop / Technology	Area (ha)
1	Wheat K-9107	5
2	Nutrition Garden	1
3	Mushroom Production	30 unit
4	Poultry Production (Red Divyayan, Jharsim)	20 unit

5	Duckery Production	10 unit
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Cluster Front Line Demonstration on Pulses.

(A)Season (Kharif 2024-25)		Area (ha)
1.	Moong (IPM 2-3, Pusa Vishal, Hum-16)	20
2.	Urd Bean WBU109-Sulata	20
3.	Pigeon Pea	20
(B)Season (Rabi 2023-23)		
3.	Chick pea (JAKI-9218)	20
4.	Lentil (HUM-57, PL-6)	20
5.	Total	100

Cluster Front Line Demonstration Oilseed

(A)Season (Kharif 2024-25)		
Sl. No.	Crop/ Technology	Area(ha)
1.	Niger (JNC-6)	20
2.	Groundnut (Darni)	20
3.	Til (Savitri, Smarak)	20
(B)Season (Rabi 2024-25)		
4.	Mustard (Pusa mahak, Pusa-30)	20
5.	Linseed(Priyam)	20
6.	Sunflower	20
	Total	120

Activities on instructional farm

Seed production (Kharif 2024-25)

Sl. No.	Crop	Varieties	Area (ha.)
1	Rice	BVS-1	4
2	Ragi	BM-3	0.5
3	Jowar	CSY20	0.5

Seed production (Rabi 2024-2025)

Sl. No.	Crop	Varieties	Area (ha.)
1	Mustard	Pusa-30	1

Target for sapling/seedling production.

Sl.No	Crops	Variety	Number of sapling/seedling
01	Guava	Allahabad safeda,L49	500
02	Mango	Amrapali ,Langra Dashri	500
Vegetable Crop			
01	Tomato (Hybrid)	Arka rakchhak,Swarn Kanchan	1000
02	Brinjal	Swarn Pratibha,Swarn Shayamli	1000
03	Capsicum	Swarn Atylya	1000
04	chilli	Swarn Praphulya	1000

Other Extension Activities

Activities/ sub- activities	Quarter wise area/no.				Beneficiaries No											
	I	II	III	IV	I			II			III			IV		
					S C	S T	O	S C	ST	O	SC	ST	O	SC	ST	O
1. Field days (No.)	2	2	2	2	20	30	50	20	30	50	20	30	50	20	30	250
2. Exhibitions/ fair (No.)	-	-	1	1	-	-	-	-	-	-	100	200	500	100	200	500

3. Diagnostic services (No.)	5	5	5	5	10	20	30	10	20	30	10	20	30	10	20	30
4. Clinic centers (No.)	1	1	1	1	5	10	15	5	10	15	5	10	15	5	10	15
5. Advisory/enquiry (No.)	25	25	50	50	5	10	10	5	10	10	10	20	20	10	20	20
6. Publication/distribution (No.)	5	5	5	5	100	400	500	100	400	500	100	400	500	100	400	500
7. Farm science club (No.)	-	1	1	1	-	-	-	3	5	8	4	4	10	4	3	10
8. Farmers – Scientists interaction programme	1	1	1	1	8	32	40	8	32	40	8	32	40	8	32	40
9. Ex – Trainees meet		1		1	-	-	-	20	60	120	-	-	-	20	60	1

