ANNUAL PROGRESS REPORT

KVK, Deoghar

(January to December, 2024)

Krishi Vigyan Kendra, Deoghar
Email: kvkdeoghar@gmail.com

ANNUAL PROGRESS REPORT 2024 (01st January- 31st December, 2024)

1. GENERAL INFORMATION ABOUT THE KVK

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, Deoghar Address: Vill: Sujani, P.O. Ghorlas, Deoghar, Jharkhand, Pin: 814152.	9470300626	06432-232967	kvkdeoghar@gmail.com

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

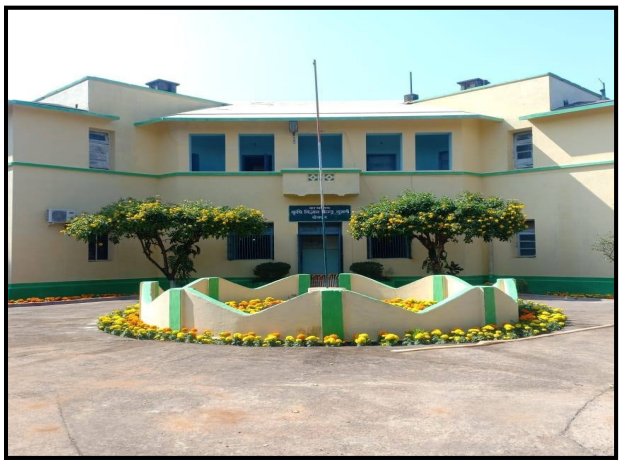
Name and address of Host Organization	Telephone		E mail
	Office	FAX	
Deputy Commissioner, Deoghar-814112 (Jharkhand)	06432-232680	06432-232967	kvkdeoghar@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Rajan Kumar Ojha	7549106450	9470300626	rajanojha@gmail.com

1.4. Year of sanction of KVK with council order No. and date: **8(4)/82 – KVK, dated 21.02.1985 (Ref. of Sanction Order)**

1.5. Year of start of KVK: 1985



Administrative Building

Training Hall

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. Rajan Kumar Ojha	I/c Head & S.M.S.	Soil Science	73200=00	01.04.2015	Permanent	Others
2.	Subject Matter Specialist	Dr. Vivek Kashyap	S.M.S.	Plant Protection	71100=00	08.03.2016	Permanent	Others
3.	Subject Matter Specialist	Dr. Poonam Soren	S.M.S.	Veterinary Science	71100=00	08.03.2016	Permanent	ST
4.	Stenographer	Sri Rohit Kumar Das	Stenographer	Graduation	28700=00	01.02.2020	Permanent	SC
5.	Driver	Sri Chandan Kr. Ramani	Driver – I	Intermediate	24500=00	01.06.2020	Permanent	OBC
6.	Driver	Sri Mritunjay Raut	Driver – II	Intermediate	24500=00	01.02.2020	Permanent	OBC
7.	Supporting staff	Sri Sahdeo Mandal	Supporting	Non - matric	36500=00	01.03.1987	Permanent	OBC

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)	Name of infrastructure
1	Under Buildings	1.30	Administrative Building, Training Hall
2.	Under Demonstration Units	1.70	Vermicompost unit, Mushroom Unit, Poultry Unit, Duckery Unit, Azolla Unit
3.	Under Crops	5.00	Various crops grown respectively during Kharif, Rabi and Pre Kharif season
4.	Orchard	1.60	Orchards of Mango, Guava, Banana, Lemon, Jackfruit, Bael etc.
5.	Agro-forestry	0.40	Teak-Vegetables-Grassland
6.	Others with details	7.15	Farmers Hostel, Staff Quarters, Boundary wall, Threshing floor, Farm godown, Poly house, Net house, Soil Test Lab, AWS
	Total	17.15	

**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	Completed up to lintel	Completed up to roof	Totally completed	Plinth area sq.m)	Functional/ non-functional*	Source of funding
1.	Administrative Building					Completed	325.0	Functional	Host.Org.
2.	Farmers Hostel					Completed	273.03	Functional	ICAR
3.	Staff Quarters (6)					Completed	-	-	ICAR
4.	Piggery unit	Not yet started							
5	Fencing					Completed	-	-	ICAR
6	Rain Water harvesting structure	Not yet started							
7	Threshing floor					Completed	72.25	Functional	ICAR
8	Farm godown					Completed	76.00	Functional	ICAR
9.	Dairy unit	Not yet started							
10.	Poultry unit					Completed	-	Functional	ICAR
11.	Goatry unit					Completed	-	Functional	ICAR
12.	Mushroom Lab					Completed	79.75	Functional	NHM
13.	Mushroom production unit					Completed	55.25	Functional	NHM
14.	Shade house					Completed	3350.00	Functional	NHM
15.	Soil test Lab					Completed	165.0	Functional	ICAR
16	Others, Please Specify (Training Hall)					Completed	180.00	Functional	State Govt.
17.	Others, Please Specify (AWS)					Completed	100.00	Functional	IMD

* 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
Jeep (Bolero)	2010	44409.00	200187 km	Good
Tractor	2014	598000.00	1193 hour	Good
Motorcycle (Hero)	2015	60000.00	16557 km	Requires repairing and maintenance
Motorcycle (Hero)	2016	60000.00	22734 km	Good

C) Equipment & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status	Source of Fund
a. Lab equipment				
Mridaparikshak	2016	75,000.00	Good	State Gov.
pH Meter	2018	14,455.00	Good	I.C.A.R.
EC meter	2018	16,150.00	Good	I.C.A.R.
Digital Balance	2005	24,500.00	Not in condition	I.C.A.R.
Yorco Kjeldhal Distillation	2005	19,500.00	Not in condition	I.C.A.R.
Micro Kjeldhal Apparatus	2005	16,250.00	Not in condition	I.C.A.R.
Hot Air Oven -3	2005	18,850.00	Good	I.C.A.R.
Hot Plate	2005	8,500.00	Good	I.C.A.R.
Willey Mill	2005	16,000.00	Good	I.C.A.R.
Voltage Stabilizer	2005	6,000.00	Good	I.C.A.R.
Rotary Shaker	2005	29,900.00	Good	I.C.A.R.
Variable Pipette – 3	2005	4,600.00	Good	I.C.A.R.
Laminar Air-flow	2005	23650.00	Good	NHM
Teflon coated String	2005	600.00	Good	I.C.A.R.
Air compressor	2008	26800.00	Good	NHM
Incubator	2008	118230	Good	NHM
Autoclave	2008	116030.00	Good	NHM
Domestic gas burner)	2020	2340.00	Good	I.C.A.R.
Chulha (Single Burner)	2020	1120.00	Good	I.C.A.R.
Cylinder	2021	5500.00	Good	I.C.A.R.
Kadhai	2021	2400.00	Good	I.C.A.R.
Induction	2020	3200.00	Good	I.C.A.R.
Refrigerator	2010	10570.00	Good	I.C.A.R.
b. Farm machinery/implements				
Rotavator – 2	2015	5120.00	Good	D.S.C.O.,Deoghar
Groundnut Decorticator	2012	7640.00	Good	D.S.C.O.,Deoghar
Grass cutter	2012	2190.00	Good	D.S.C.O.,Deoghar
Hand Sprayer (Plastic)	2017	1875.00	Good	D.S.C.O.,Deoghar
Cultivator – 2	2020	10950.00	Good	D.S.C.O.,Deoghar
Chaff cutter	2012	14830.00	Good	ICAR
Rotavator	2023	141000.00	Good	ICAR
c. A. V. Aids and office implements				
Projector	2010	4190.0	Good	I.C.A.R.
Generator	2010	18543.00	Good	I.C.A.R.
Printer – 5	2017	8740.00	Good	I.C.A.R.
Computer – 4	2017	4390.00	Good	I.C.A.R.
Laptop – 1	2018	3580.00	Good	I.C.A.R.
Stereo Speaker	2020	1560.00	Good	I.C.A.R.
Sound Box	2012	2875.00	Good	I.C.A.R.
Inverter setup	2015	19760.00	Good	I.C.A.R.
Screen	2014	3280.00	Good	I.C.A.R.
Podium	2017	6170.00	Good	I.C.A.R.
White Board	2019	2030.00	Good	I.C.A.R.
Stebilizer	2016	5890.00	Good	I.C.A.R.
Xerox machine	2010	15430.00	Good	I.C.A.R.
Solar unit	2018	-	Good	I.C.A.R.
Air conditioner – 3	2012	29540	Good	I.C.A.R.

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Line maker-30	2012	1670.00	Good	D.S.C.O.,Deoghar
Conoweeder-4	2012	1150.00	Good	D.S.C.O.,Deoghar
Hand Sprayer (Plastic)-1	2012	1420.00	Good	D.S.C.O.,Deoghar
Manual Sprayer (Brass)-1	2012	1540.00	Good	D.S.C.O.,Deoghar
Battery operated Sprayer-1	2012	1830.00	Good	D.S.C.O.,Deoghar
Broad Caster-1	2012	570.00	Good	D.S.C.O.,Deoghar
Power Sprayer-1	2012	2350.00	Good	D.S.C.O.,Deoghar
Pumpset-4	2012	18650.00	Good	D.S.C.O.,Deoghar
Diesel pump machine	2012	12350.00	Good	ICAR
Post Hole Digger-1	2012	1375.00	Good	D.S.C.O.,Deoghar
Black pipe-10 piece 25 ft.	2012	2780.00	Good	D.S.C.O.,Deoghar
Green piper-1 piece 25 ft.	2012	1920.00	Good	D.S.C.O.,Deoghar
Sprinker system-1 set	2012	17650.00	Good	D.S.C.O.,Deoghar
Tractor (25 HP) 2 Nos.	2014	-	Good	D.S.C.O.,Deoghar
Seed Processing Machine – 2 Nos.	2017	-	Good	State Gov.

2. Priority thrust areas of KVKs

S. No.	Thrust area
1.	Sustainable agriculture development through use of organic manure, INM & IPM
2.	Promotion of seeds production through seed village programme.
3.	Entrepreneurship development on dairy, poultry, piggery & goatery
4.	Promotion of FPOs/SHG for doubling the farmer's income.
5.	Testing of Soil Samples, vermicompost production
6.	Promotion of Mushroom Production including Spawn preparation and Bee-keeping.
7.	Expansion in areas of Millet Cultivation across the district
8.	Organisation of Animal Health Camps in each block
9.	Routine Vaccination Programmes
10.	Value addition of millets and mushrooms
11.	Promotion of Natural Farming among farming communities
12.	Capacity Building of farmers through various training and extension activities

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

Sl. No.	Items	Information
1	Major Farming system of the district	Rice and vegetable based
2	One district one product (NITI Ayog)	Peda
2	Agro-climatic Zone	Central and North Eastern Plateau
3	Agro ecological situation	AES – I, AES – II and AES – III
4	Soil type	Red laterite
5	Productivity of major crops of districts (q/ha)	
	Paddy	3900.00
	Wheat	2600.00
	Pigeonpea	1100.00
	Gram	1450.00
	Mustard	950.00
	Groundnut	850.00
	Tomato	792.54
	Potato	632.40

	Onion	459.00
	Okra	462.06
	Mango	2723.40
	Banana	244.80
	Guava	193.80
	Jackfruit	1830.90
	Others	-
	Enterprises	-
6	Mean yearly temperature, rainfall, humidity of the district	Mean temperature: 24.9°C , Mean rainfall: 1239 mm, Mean Humidity 73.2%
7.	Production of major livestock products like, etc.	
	Cattle	396350
	Poultry	322600
	Goat	200200
	Sheep	36700

Note: Please give recent data only

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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1.	Arjunpur	Margomunda	Arjunpur	Groundnut	Low yield of oilseeds	Integrated Nutrient Management
2.	Pipra	Sonaraithari	Pipra	Soyabean	Low yield of oilseeds	Seed Treatment, Line Sowing, Intercultural Operations, Integrated Disease and Pest Management
3.	Dhobana	Devipur	Dhobana	Sunflower	Low yield of oilseeds	Seed Treatment, Line Sowing, Intercultural Operations, Integrated Disease and Pest Management
4.	Dhamni	Madhupur	Jiyakhara	Niger	Lack of good quality seed	Seed production Techniques
5.	Saptar	Madhupur	Saptar	Linseed	Low yield of oilseeds	Seed Treatment, Line Sowing, Intercultural Operations, Integrated Disease and Pest Management
6.	Hethgaria	Sonaraithari	Hethgaria	Mustard	Low yield of oilseeds	Sulphur application
7.	Andherigadar	Deoghar	Andherigadar	Poultry	Mortality of Chicks	Distribution, hygiene maintenance and vaccination
8.	Arjunpur	Margomunda	Arjunpur	Duckery	Infection of disease	Distribution of chicks
9.	Dhabaghat	Deoghar	Dhabaghat	Vegetables	Lack of inputs	Distribution of quality seeds
10.	Khoripanan	Deoghar	Khoripanan	Vegetables	Lack of inputs	Distribution of quality seeds

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
Sujani	Deoghar	Seedbin Distribution, Paddy Demonstration
Saptar	Madhupur	Farmers training & Demonstration
Dhawatarh	Sarwan	Groundnut Demonstration
Parsauni	Sonaraithari	Soyabean Demonstration
Simjore	Mohanpur	Sunflower Demonstration
Birajpur	Palojori	Niger Demonstration
Bara	Mohanpur	Linseed Demonstration
Gauripur	Deoghar	Mustard Demonstration
Jitpur	Madhupur	Distribution of Vermibag, Soil pH Meter, Soil Thermometer and other agricultural implements
Gopidih	Deoghar	Distribution of Vermibag, Soil pH Meter, Soil Thermometer and other agricultural implements

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
5	5	50	10	4	8	3	13	7	31	14	45	10	12	3000	523	167	610	195	1273	329	2406	691	3097

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
100	95	2500	356	322	831	97	847	104	2034	523	2557	15	14	1500	241	78	312	65	536	107	1097	250	1347

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
500	308	7	5	10	8	15	2	32	15	47	1000	970	7	5	12	8	24	6	43	29	72

Seed production (q)			Planting material (in Lakh)		
Target (Crop and variety)	Achievement (q)	Sold (q)	Target (crop and variety)	Achievement	Sold (number)
5.0	3.5	1.2	25000	27000	24350

Livestock strains (in no's) and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
0.010	0.000	0.2500	0.1250

* 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	1	10	7
2	Varietal Evaluation	-	-	-
3	Integrated Pest Management	1	10	10
4	Integrated Crop Management	-	-	-
5	Integrated Disease Management	1	10	10
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	1	10	8
17	Farm Mechanization	-	-	-
18	Others	-	-	-
	Total	**4**	**40**	**35**
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:**

Problem definition/Name of OFT:- Organic cultivation packages in Cauliflower

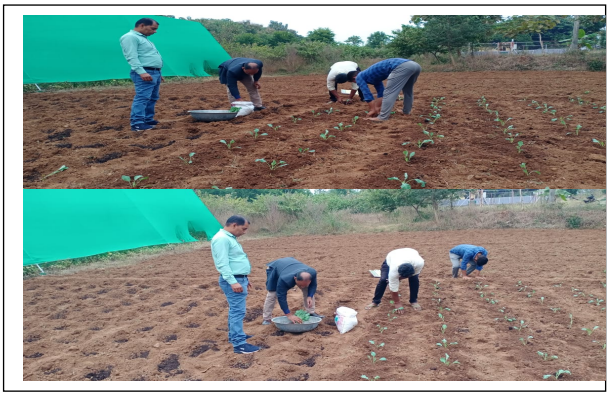
1.	**Title of On farm Trial**	**Organic cultivation packages in Cauliflower**
2.	Problem diagnosed	Excess use of pesticides in cauliflower cultivation.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**FP -** Application of 5 ton FYM/ ha + 32 kg N + 23 kg P_2O_5 + 15 kg K_2O/ha through inorganic source **Tech. Opt. 1 -** Application of 5 ton FYM ha^{-1} + 25% RDF (NPK) through organic source. (Organic farming) **Tech. Opt. 2 –** Seed and SeedlingTreatment with Bijamrit + 3 sprays of Jeevamrit at 21 days interval + Application of Ghanjivamrit @ 1 q ha^{-1} as basal application and 30 DAS (Natural farming)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Ram Krishna Mission, KVK, Ranchi and National Center on Organic Farming, Ghaziabad
5.	Production system and thematic area	Nutrient management
6.	Performance of the Technology with performance indicators	Curd weight (kg), Curd yield (q ha^{-1}), Cost of cultivation (Rs ha^{-1}), Gross return (Rs ha^{-1}), Net return (Rs ha^{-1}), B: C Ratio
7.	Final recommendation for micro level situation	
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.

Technology options with detailed treatments	Curd weight (kg)	Curd Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
FP	0.84	260.4	75300	260400	185100	3.46
TO1	1.02	310.2	82400	310200	227800	3.75
TO2	0.70	205.0	58100	205000	141900	3.52

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

Recommendation:- Tehnology option - 1 including 25% N of RDF through organic sources viz. per hectare 5 ton FYM + 4.1 q karanj cake + 8 q vermicompost exhibited maximum curd yield (310.2 q ha^{-1}) and highest B: C Ratio (3.75). Contradictory to it tehnology option - II of natural farming comprising application of 1 q Ghanjeevamrit + seed and seedling treatment with Beejamrit + 3 spray of Jeevamrit at 21 days interval showed lower Curd yield (205 q ha^{-1}) but because of lower cost of cultivation (Rs. 58100), it exhibited B: C Ratio (3.52) which is at par with FP treatment. Therefore, organic farming treatment is recommended followed by natural farming.



Organic cultivation packages in Cauliflower

OFT – 2

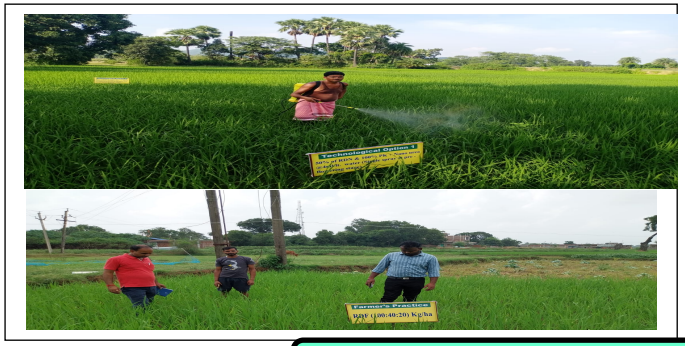
Thematic area:- Nutrient Management

Problem definition/Name of OFT:- Organic cultivation packages in Cauliflower

1.	**Title of On farm Trial**	**Improvement of Nitrogen Use Efficiency In Rice**
2.	Problem diagnosed	Excess use of chemical fertilizers and spiraling price of urea leads to increase in cost of cultivation.
3.	Details of technologies selected for assessment/refinement	**Farmers Practice:** RDF (140:20) Kg/ha **Tech. Opt. 1:** 50% RDN + 100% PK + Nano Urea @ 4 ml/ litre water (Single spray at pre flowering stage). **Tech. Opt. 2:** 50% RDN and 100% PK + 2 sprays of Nano Urea at (20 - 30 days) and (60 - 65 days) @ 4 ml/l of water.
4.	Source of Technology	OFT Workshop at BAU, Sabour from 01 - 03 Sept.2022
5	Production system and thematic area	Nutrient Management
6	Performance of the Technology with performance indicators	Yield data, Yield attributing character, No. of effective tillers/m^2, 1000 grain wt., Panicle length, Economics.
7	Final recommendation for micro level situation	Satisfactory result in recommendation for micro level situation
8	Constraints identified and feedback for research	Technology option T_2 evaluated and gave significantly best result.
9	Process of farmers participation and their reaction	Randomly 10 farmers are selected and adopted very well.

Table:

Technology Option	No. of Trials	Effective tillers/m^2	Panicle length (cm)	Total grains/ panicle	Test wt. (1000 grain wt.) gm	Grain yield (q ha^{-1})	Straw yield (q ha^{-1})
F.P.	10	171	14.7	132	20.5	37.6	49.3
TO_1	10	168	11.4	127	19.7	34.1	46.8
TO_2	10	180	17.2	148	21.3	40.8	52.4



Improvement of Nitrogen Use Efficiency in Rice

OFT – 3

- **Thematic area:** Integrated Pest Management
- **Problem definition/Name of OFT:** Assessment of bio-intensive management practices for major pests in Tomato.

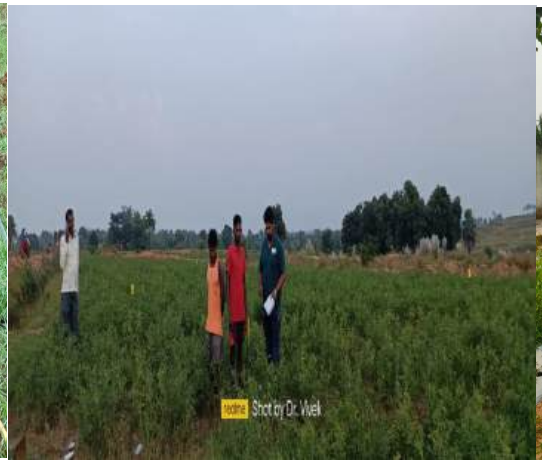
1.	Title of On farm Trial (OFT)	Assessment of bio-intensive management practices for major pests in Tomato.
2.	Problem diagnosed	Wilt disease and fruit borer
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmer Practice:** use of chemical pesticides **TO1** • Application of Bio consortia of IIHR (Soil application) • Seed treatment by *P. fluorescens*@10 g/kg • Nursery bed treatment by *P. fluorescens*@20 g/ m2 • Soil application *P. fluorescens*@5 kg/ha mixed with 500 kg *vermi-compost*/ha at 30 days after transplanting • Spray of HNPV @ 250 LE /ha **TO2** • Soil application of Bio consortia of IARI • Seed treatment by *Trichoderma viride* @10 g/kg • Nursery bed treatment by *Trichoderma viride* @50 g/ m2 • Soil application *Trichoderma viride* @5 kg/ha mixed with 500 kg vermi-compost/ha at 30 days after transplanting • Spray of HNPV@ 250 LE /ha
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BAU, Sabour
5.	Production system and thematic area	Tomato and IPM
6.	Performance of the Technology with performance indicators	1. Use of bio pesticides 2. Fruit damage by borer, 3. % larval papulation. 4. Yield (q/ha) and B:C
7.	Final recommendation for micro level situation	TO-1, The Application of Bio consortia of IIHR (Soil application), Seed treatment by *P. fluorescens*@10 g/kg, Nursery bed treatment by *P. fluorescens*@20 g/ m2, Soil application *P. fluorescens*@5 kg/ha mixed with 500 kg *vermi-compost*/ha at 30 days after transplanting, Spray of HNPV @ 250 LE /ha is being recommended for better management for major pests in tomato.

8.	Constraints identified and feedback for research	1. Lack of awareness about technologies and management practices. 2. Required skill training programmes.
9.	Process of farmers participation and their reaction	1. Unavailability of Bio chemicals in local markets. 2. Farmers interaction and field day.

Table:-

Technology options	No. of Trails	% wilted plants	% wilted plants		% fruit damage through borer		No. of larvae/10 plants		% larvae population reduction after IInd spray	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
			30 DAT	90 DAT	60 DAT	90 DAT	Before spray	10 DAS IInd						
FP	10	9.74	11.3	13.9	17.9	25.6	5.4	8.3	0.00	165.70	41750	98250	56500	2.35
TO- 1		4.59	5.1	6.13	11.2	9.1	5.8	3.1	67.51	268.50	47500	159000	111500	3.34
TO- 2		3.71	7.3	9.23	8.9	11.7	5.6	4.6	48.55	239.37	46400	140500	94100	3.02

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



Assessment of bio-intensive management practices for major pests in Tomato.

OFT- 4

1	Title of On farm Trial (OFT)	Eco- friendly management practices to control fruit fly in cucurbits.
2	Problem diagnosed	Loss in cucumber production due to fruit fly in deoghar district.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmer practice**: Spray of any pesticides as per their knowledge **TO1:** • Mix Ethyl Alcohol- 60 ml + Cue lure (P-Acetoxyl butanone-2)- 40 ml + Malathion/DDVP- 20 ml (*i.e.,* 6:4:2) @ 10 traps/ha **TO2:** • Bait Application Technique (BAT) spray liquid of 0.1% insecticide (malathion) and 10% Jaggery or 10% ripe banana or erect cue lure (Para Pheromone trap) @ 3 per acre to attract and trap male fruit flies.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ATARI, Patna
5	Production system and thematic area	Rice and vegetable based production system
6.	Performance of the Technology with performance indicators	Pest management
7.	Final recommendation for micro level situation	**TO-1,** Mix Ethyl Alcohol- 60 ml + Cue lure (P-Acetoxyl butanone-2)- 40 ml + Malathion/DDVP- 20 ml (*i.e.,* 6:4:2) @ 10 traps/ha is being recommended for better management for fruit fly in cucurbits.
8.	Constraints identified and feedback for research	1. Lack of awareness about technologies and management practices. 2. Technology was affordable and easy to apply in cucurbit cultivation.
9.	Process of farmers participation and their reaction	Farmers interaction and field day.

Table:-

Technology options	No. of trails	Infestation %	No. of damaged fruit/ plant	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	B: C ratio
FP	10	52.43	25.33	90.49	128300	180700	52400	1.40
TO- 1	10	12.50	12.33	153.67	135400	317655	182255	2.34
TO- 2	10	13.33	13.66	138.27	134200	285475	151275	2.12

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

OFT- 5

1.	**Title of On farm Trial**	**Effect of feeding hydroponic wheat and maize green fodders on milk production in dairy animals.**
2.	Problem diagnosed	Demand of more green fodder production. Farmers having no idea of producing hydroponic fodder. Hence , Low milk Yield
3.	Details of technologies selected for assessment/refinement	Treatments:- FP - Feed + Green fodder Tech. Opt. 1 – Feed + Hydroponic wheat production Tech. Opt. 2 – Feed + Hydroponic maize production
4.	Source of Technology	BASU, Patna
5.	Production system and thematic area	Comparative study on feeding hydroponic wheat and maize fodder, as compared to general green fodder nd study on milk production.
6.	Performance of the Technology with performance indicators	10 milch cow each
7.	Final recommendation for micro level situation	Feeding of hydroponic fodder increases more milk production in milh cow as compared to other green fodder.
8.	Constraints identified and feedback for research	Hydroponic Fodders were grown in KVK Campus and nutritive values evaluated from RVC, Ranchi.
9.	Process of farmers participation and their reaction	

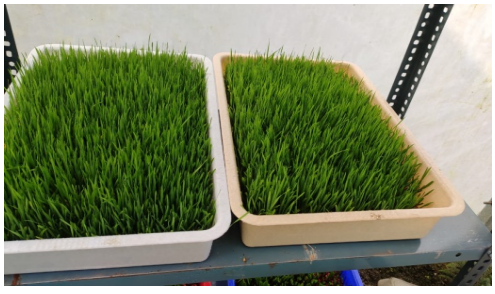
Production of Hydroponic Fodder

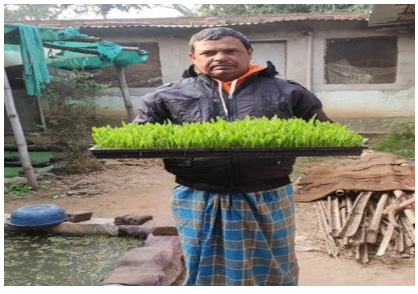
- Hydroponic fodder/ft^2 was 1.83 kg and 1.05 kg from maize and wheat, respectively.
- Hydroponic fodder/kg of maize and wheat grains was 5.5 kg and 4.5 kg, respectively.
- The height of maize and wheat green fodders were 20 - 22 cm and 15 - 17 cm, respectively.
- The green fodder, suppose in maize the 1 kg seeds gives fodder in 0.10 hectare area in 40-45 days.

Table:

Treatments	Milk yield (cow/day) (Litre)	Feed cost per Kg milk production (Rs.)	Total cost per cow (Rs./cow/day)	Gross return from milk (Rs./cow/day)	Net profit (Rs./cow/day)	B:C ratio
FP	13.6	11.838	194.90	816	621.09	3.18
TO1	15.3	12.337	222.93	918	695.06	3.12
TO2	16.8	9.872	199.93	1008	808.07	4.04

Result:- Maize hydroponic fodder gave better milk production value as compared to wheat hydroponic fodder and then green fodder respectively.





Effect of feeding hydroponic wheat and maize green fodders on milk production in dairy animals.

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					

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

S. No	Crop category	No. of FLD	Area	No of beneficiaries	Yield in Demo (q/ha)	Yield in check (q/ha)
1.	Cereals					
2.	Oil Seed					
3.	Pulses					
4.	Horticulture Crops					
5.	Other crops					
6.	Hybrid crop					
7.	Livestock					
8.	Fisheries					
9.	Other enterprises					
10.	Women empowerment					
11.	Farm Machinery					
	Grand Total					

B. Details of FLDs conducted during the year 2024

1. Cereals

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
1.	Crop production	SRI in paddy	34	10.0	37.2	30.1	23.58	52180	85560	33380	1.64	48180	69230	21050	1.44
2.	Crop production	SWI in wheat	41	10.0	26.5	21.4	25.61	41620	66287	24667	1.59	35725	48685	17602	1.36
3.	Crop production	Transplanting of finger millet	56	20.0	9.6	7.3.	31.50	25710	41184	15474	1.60	20490	31317	10827	1.53
Total			131	40											

2. Oilseeds

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Groundnut	Production Technology	Line Sowing (30cm*10cm)+Seed Treatment with Bavistin+Hand hoeing at 30-35 DAS+ Integrated Pest and Disease Management	476	60	12.65	9.45	33.86	38700	59055.6	20355.6	1.52	42120	85868.2	43748.2	2.03
Soyabean	Production Technology	Line Sowing +seed treatment with Bavstin (2g/kg of seed)+Hand hoeing at 30-35 DAS+integrated disease and pest management	341	40	14.5	12	20.83	31500	58704	27204	1.81	32200	71934	39734	2.23
Sunflower	Production Technology	Land Preparation, Sowing, Intercltural	40	10	11.25	9.85	14.21	35100	61880	29300	1.76	39400	81900	42500	2.08

		Operation, Fertilizer Application, Irrigation, Spraying													
Niger	Production Technology	Line Sowing (30cm*10cm)+Seed Treatment with Carbendazim+Hand hoeing at 15-20 DAS+ Integrated Pest and Disease Management	265	100	5.35	4.15	28.91	18340	33124.6	14784.6	1.8	21470	46636	25166	2.17
Linseed	Production Technology		136	40	Standing crop										
Mustard	Production Technology		567	200	Standing crop										
Total			1825	450											

* 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)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Pigeonpea	Crop production	Line sowing with lime application @ 1.5 q/ha	29	10	10.87	8.12	33.86	50340	82068	31728	1.63	45290	61306	16016	1.41
Greengram	Crop production	Improved seed, seed treatment with bavistin 2g/kg seed & liquid consorcia	213	50	9.16	7.48	22.45	47420	79527	3217	1.67	40215	60791	20576	1.52
	Total		244	60											

* 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.

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

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

5. Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total																

6. Demonstration details on crop hybrid varieties

Crop	Name of the Hybrid	No. of Farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Cereals										
Bajra	-	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-	-	-	-
Paddy	-	-	-	-	-	-	-	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)										
Total Cereals										
Oilseeds										
Castor	-	-	-	-	-	-	-	-	-	-
Mustard	-	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-	-
Sunflower	-	-	-	-	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-	-	-	-	-
Soybean	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
Total Oilseeds										
Pulses										
Greengram	-	-	-	-	-	-	-	-	-	-
Blackgram	-	-	-	-	-	-	-	-	-	-
Bengalgram	-	-	-	-	-	-	-	-	-	-
Redgram	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
Total Pulses										
Vegetable crops										
Bottle gourd	Srilong	200	2.7	164.5	138.2	19.03	62380	164500	102120	2.64
Capsicum										

Cucumber							-	-	-	-
Tomato	Round	200	3.1	189.7	165.3	14.52	72510	198360	125850	2.73
Brinjal	-	-	-	-	-	-	-	-	-	-
Okra	-	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-	-
Potato	-	-	-	-	-	-	-	-	-	-
Field bean	-	-	-	-	-	-	-	-	-	-
Radish	HYB White	200	2.3	195.4	160.1	22.05	55145	210672	155527	3.82
Carrot	NSC Kuroda	200	1.8	120.8	103.6	16.60	62390	215610	153220	3.45
Corriander	Madhu	200	1.5	12.76	10.12	26.08	30230	127934	97704	4.23
Total Veg. Crops		1000	11.4							
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

7. Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buffalo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poultry	Backyard Poultry farming	Kadaknath	50	4+1	250	200	85	3	2.5	300	350	50	-	350	400	50	4.64
Rabbitry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheep and goat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Duckery	Backyard duckery farming	Khaki Campbell	40	4+1	250	200	77	3	2.5	300	350	50	-	350	400	50	5.12
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

8. Fisheries

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

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

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	20	200	5.00Kg/Packet	2.50 Kg/Packet	50	-	-	700	400	300	1.58	650	360	290	1.55
Button mushroom	Enterprise development	20	200	5.00 kg/Packet	2.0 Kg/Packet	40	-	-	820	550	270	1.67	700	400	300	1.75
Vermicompost	Enterprise development	25	100	50.0 kg/packet	20.0 kg/packet	40	-	-	500	350	150	0.70	475	300	175	1.63
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	200	Organic vegetable production	Rs. 2000-2500/- month saving	Rs. 4000-5000/- month saving	200
Nutri garden	-	-	-	-	-
Storage Technique	-	-	-	-	-
Value addition	50	Value addition of mushroom & millets	Rs. 10000-15000/-month	Rs. 20000-25000/-month	25
Women Empowerment	100	Mushroom Production	Rs. 6000- 6500/-month	Rs 10000- 12000/-month	20
Others	-	-	-	-	-
Total – Women	-	-	-	-	-
Children	-	-	-	-	-
Health and nutrition	-	-	-	-	-
Others	-	-	-	-	-
Total – Children					
Other if any	-	-	-	-	-
Total others	-	-	-	-	-
Grand Total	350				

11. Farm implements and machinery

Category	No. of FLDs	Name of the implement	Crop	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)	Cost reduction (Rs./ha or Rs./Unit)
						Demonstration	Check			
Sowing and planting tools and machineries	-	-	-	-	-	-	-	-	-	-
Total Sowing and planting Machineries	-	-	-	-	-	-	-	-	-	-
Intercultural operation tools and 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 organized	Number of participants	Remarks
1.	Field days	12.08.2024 - 30.12.2024	12	725	-
2.	Farmers Training	15.07.2024 – 26.12.2024	23	491	-
3.	Media coverage	21.05.2024 – 27.12.2024	35	3624	-
4.	Training for extension functionaries	14.06.2024 – 20.11.2024	9	130	-

Technical Feedback on the demonstrated technologies (if any)

Sl. No	Crop	Feed Back
1.	Soybean	Need of seed processing unit
2.	Groundnut	Non -availability of improved variety on timely.
3.	Niger	Lacking of interest to demonstrate of crop.
4.	Marigold	Non-availability of variety.
5.	Paddy	DSR techniques increases the production.

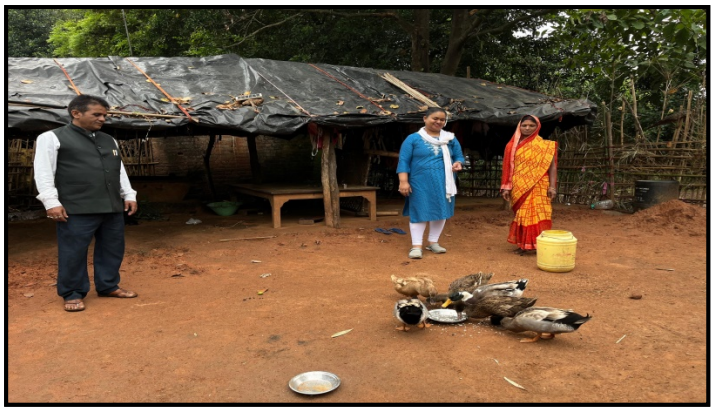
Field Day

Extension Functionaries Training

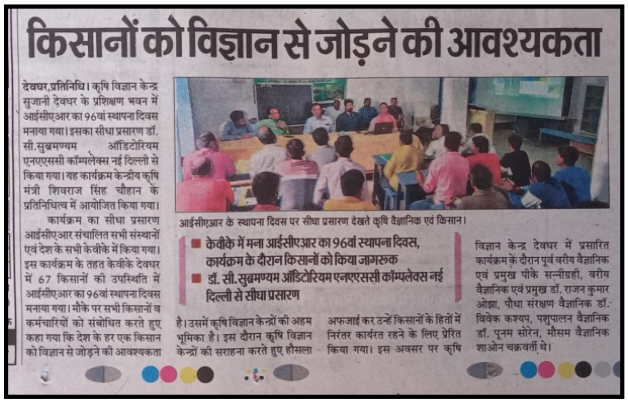
Farmers Training Programme

Training Programme on Mushroom Prodn.

Media Coverage



Backyard Duckery Farming



किसानों को विज्ञान से जोड़ने की आवश्यकता

देवघर,प्रतिनिधि। कृषि विज्ञान केन्द्र सुजानी देवघर के प्रशिक्षण भवन में आईसीएआर का 96वां स्थापना दिवस मनाया गया। इसका सीधा प्रसारण डॉ. सी.सुब्रमण्यम ऑडिटोरियम एनएएससी कॉम्प्लेक्स नई दिल्ली से किया गया। यह कार्यक्रम केन्द्रीय कृषि मंत्री शिवराज सिंह चौहान के प्रतिनिधित्व में आयोजित किया गया।

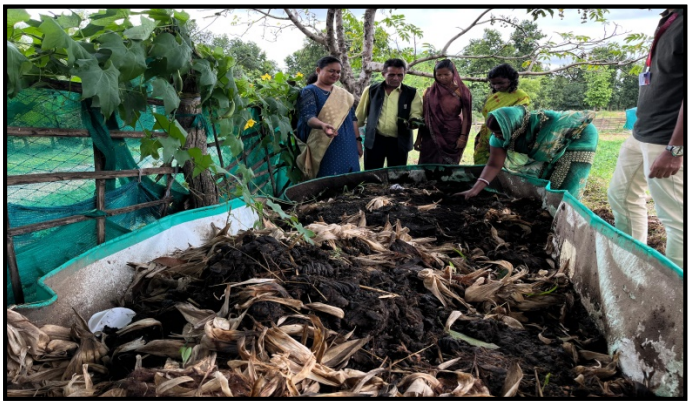
कार्यक्रम का सीधा प्रसारण आईसीएआर संचालित सभी संस्थानों एवं देश के सभी केवीके में किया गया। इस कार्यक्रम के तहत केवीके देवघर में 67 किसानों की उपस्थिति में आईसीएआर का 96वां स्थापना दिवस मनाया गया। मौके पर सभी किसानों व कर्मचारियों को संबोधित करते हुए कहा गया कि देश के हर एक किसान को विज्ञान से जोड़ने की आवश्यकता

आईसीएआर के स्थापना दिवस पर सीधा प्रसारण देखते कृषि वैज्ञानिक एवं किसान।

- केवीके में मना आईसीएआर का 96वां स्थापना दिवस, कार्यक्रम के दौरान किसानों को किया जागरूक
- डॉ. सी.सुब्रमण्यम ऑडिटोरियम एनएएससी कॉम्प्लेक्स नई दिल्ली से सीधा प्रसारण

है। उसमें कृषि विज्ञान केन्द्रों की अहम भूमिका है। इस दौरान कृषि विज्ञान केन्द्रों की सराहना करते हुए हौसला अफजाई कर उन्हें किसानों के हितों में निरंतर कार्यरत रहने के लिए प्रेरित किया गया। इस अवसर पर कृषि विज्ञान केन्द्र देवघर में प्रसारित कार्यक्रम के दौरान पूर्व वरीय वैज्ञानिक एवं प्रमुख पीके सन्नीग्रही, वरीय वैज्ञानिक एवं प्रमुख डॉ. राजन कुमार ओझा, पौधा संरक्षण वैज्ञानिक डॉ. विवेक कश्यप, पशुपालन वैज्ञानिक डॉ. पूनम सोरेन, मौसम वैज्ञानिक शाओन चक्रवर्ती थे।

Newspaper Coverage



Vermicompost Production

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.	Kharif	Groundnut	60	476	Line Sowing (30cm*10cm)+Seed Treatment with Bavistin+Hand hoeing at 30-35 DAS+ Integrated Pest and Disease Management	Use Of Local Varieties Without Seed Treatmet + Irregular Cultural Practices & Little Irrigation	9.45	14.8	10.5	12.65	9.4	11.3	15	34.6	11.94	18.57
2.	Kharif	Soyabean	40	341	Line Sowing +seed treatment with Bavstin (2g/kg of seed)+Hand hoeing at 30-35 DAS+integrated disease and pest management	Farmer use local variety seed,irregular intercultural operation and untimely irrigation	12	16.3	12.8	14.5	12.6	13.2	20	15.07	9.85	37.93
3.	Kharif	Sunflower	10	40	Land Preparation, Sowing, Intercltural Operation, Fertilizer Application, Irrigation, Spraying	Use Of Local Varieties Without Seed Treatment + Irregular Cultural Practices & Little Irrigation	9.85	12.7	9.8	11.25	9.2	10.1	15	22.28	11.38	34.2
4.	Kharif	Niger	100	265	Line Sowing (30cm*10cm)+Seed Treatment with	Use of Local Varieties Without Seed	4.15	6.5	4.2	5.35	4	4.5	7	40.78	33.75	30.84

					Carbendazim+Hand hoeing at 15-20 DAS+ Integrated Pest and Disease Management	Treatment + Irregular Cultural Practices & Little Irrigation										
5.	Rabi	Linseed	40	136			Result awaited									
6.	Rabi	Mustard	200	567			Result awaited									
7.	Zaid	Sesamum	To be conducted													

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.	Groundnut	38700	59055.6	20355.6	1.52	42120	85868.2	43748.2	2.03	23391.6
2.	Soyabean	31500	58704	27204	1.81	32200	71934	39734	2.23	12530.0
3.	Sunflower	35100	61880	29300	1.76	39400	81900	42500	2.08	13200.0
4.	Niger	18340	33124.6	14784.6	1.8	21470	46636	25166	2.17	10381.4
5.	Linseed	Standing crop								
6.	Mustard	Standing crop								
7.	Sesamum	To be conducted								

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	200	100	60-70	50	50	Livelihood, education	18
2.	Soyabean	100	50	50-55	50	50	Livelihood, health	20
3.	Sunflower	100	100	70-75	50	100	Livelihood, consumption	15

4.	Niger	50	20	80	10	20	Home consumption, Education etc.	10
5.	Linseed	Result awaited						
6.	Mustard	Result awaited						
7.	Sesamum	To be conducted						

B. Pulses/Oilseed Farmers' perception of the intervention demonstrated

S. No.	Detail of technologies demonstrated	Farmers' Perception parameters						
		Suitability of technology to their farming system	Likings (Preference)	Affordability (%)	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any	Farmer feedback
1.	Groundnut	Y	I	60-70	N	50-60	Timely release of fund, so that all input distributed on time to farmers	Good
2.	Soyabean	Y	II	50-60	N	60	Unavailability of Processing Units	Good
3.	Sunflower	Y	I	70	N	70	Extension activities should be more in number	Good
4.	Niger	Y	II	60	N	50-60	Variety not available in local market so that variety make available through NSC in local market	Good
5.	Linseed	Result awaited						
6.	Mustard	Result awaited						
7.	Sesamum	To be conducted						

C. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Under irrigated situations, disease escape due to early maturity	Disease resistant variety, seed size 3.6-3.9 g, oil content 39-44%	Bold grain size, High oil content compare to local	Suitable for early (September) sowing
Semi spreading type, shelling % 70-75	Disease resistant variety, oil content 40-45 %	Productivity was higher as compare to local	Short duration variety
Resistant to wilt, root rot & color rot. Grain size was bold	Disease resistant variety	Productivity was higher as compare to local	Short duration variety
Indeterminate, erect and compact, Dark brown and oval seeds	Resistant to sterility mosaic and moderately resistant to wilt	Production was higher as compare to local	Resistant to most of the disease
Under rainfed situations, disease escape due to early maturity	Resistant to yellow mosaic	Production higher	High pod formation with early maturity

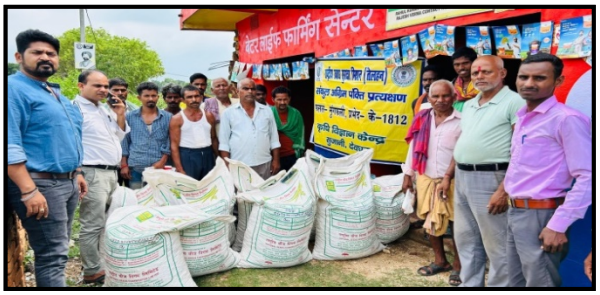
D. Extension activities under FLD conducted:

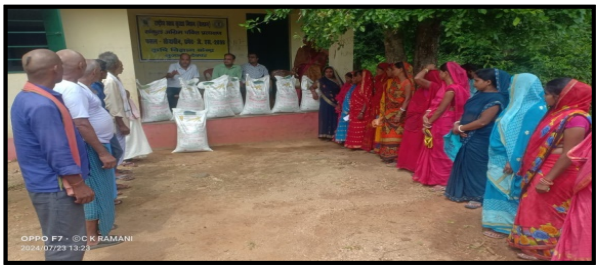
Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1.	Kisan Goshthi	23.09.2024, Jiyakhada, Sarwan	41
2	Scientist Visit to Farmers Field	28.09.2024, Dhobana, Devipur	44
3.	Farmers Interaction	01.10.2024, Andherigadar, Deoghar	48
4.	Kisan Goshthi	16.08.2024, Simjoor, Mohanpr	23
5	Scientist Visit to Farmers Field	05.09.2024, Dhobana, Devipur	23
6	Kisan Goshthi	16.08.2024, Jarka 2, Sonaraithari	39
7	Scientist Visit to Farmers Field	16.08.2024, Randhiya, Mohanpur	43
8	Farmers Interaction	26.07.2024, Gajandha, Madhupur	35
9	Kisan Goshthi	04.07.2024, Bengibishunpur, Deoghar	46
10	Scientist Visit to Farmer's Field	16.08.2024, Raundhiya, Mohanpur	37
11	Field Day	05.09.2024, Saptar, Madhupur	56

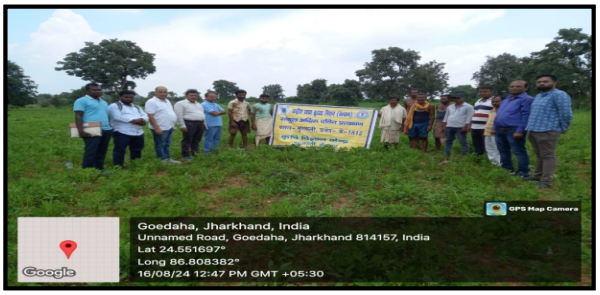
E. Sequential good quality photographs (as per crop stages i.e. growth & development)

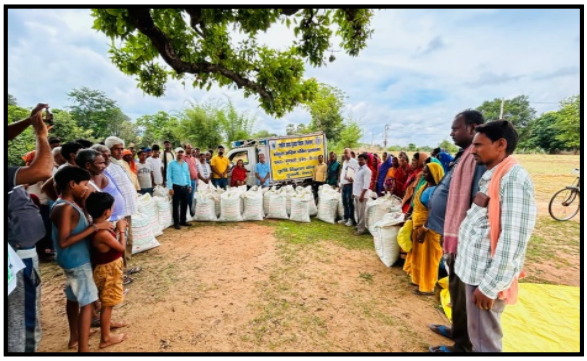
F. Farmers' training photographs

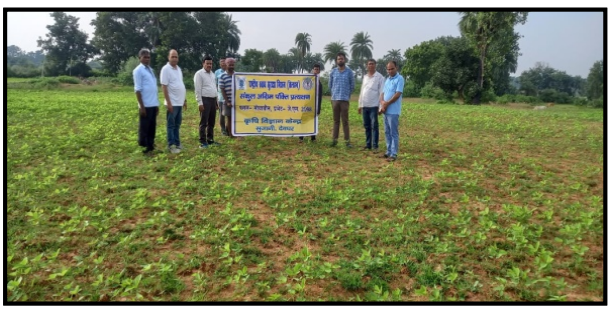
G. Quality Action Photographs of field visits/field days and technology demonstrated.



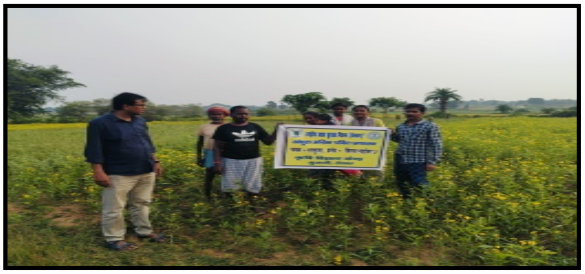









GPS Map Camera
Gargariya Heth, Jharkhand, India
Unnamed Road, Gargariya Heth, Jharkhand 814120, India
Lat 24.346987°
Long 86.929466°
14/11/24 02:02 PM GMT +05:30
Google




GPS Map Camera
saptar, Jharkhand, India
Madhupur Deoghar Rd,Saptar, Jharkhand 815353, India
Lat 24.303508° Long 86.685945°
01/02/25 12:31 PM GMT +05:30
Google

H. Details of budget utilization

Crop (Provide crop wise information)	Items	Area (ha) allotted	Area (ha) achieved	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Groundnut	i) Critical input					
	ii) TA/DA/POL etc. for monitoring					
	iii) Extension Activities (Field Day)					
	iv) Publication of literature					
	Total	60	60	350000	350000	0.00
Soybean	i) Critical input					
	ii) TA/DA/POL etc. for monitoring					
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total	40	40	250000	250000	0.00
Sunflower	i) Critical input			-	-	
	ii) TA/DA/POL etc. for monitoring					
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total	10	10	100000	100000	0.00
Niger	i) Critical input					
	ii) TA/DA/POL etc. for monitoring					
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total	100	100	350000	350000	0.00
Linseed	i) Critical input					
	ii) TA/DA/POL etc. for monitoring					
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total	40	40	200000	200000	0.00
Mustard	i) Critical input					
	ii) TA/DA/POL etc. for monitoring					
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total	200	200	250000	250000	0.00
Sesamum	i) Critical input					
	ii) TA/DA/POL etc. for monitoring					
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total	40	40	168375	168375	0.00

3.4 ACHIEVEMENTS ON TRAINING /CAPACITY BUILDING PROGRAMMES

(Mandated KVK trainings/sponsored training /FLD training programmes):

A. Farmers and farm women including the sponsored training programme (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-	-	-	-
Cropping Systems	-	-	-	-	-	-	-	-	-	-	-	-	-
Crop Diversification	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Water management	-	-	-	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Fodder production	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, (cultivation of crops)	-	-	-	-	-	-	-	-	-	-	-	-	-
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	-	-	-	-	-	-	-	-	-	-	-	-	-
Water management	-	-	-	-	-	-	-	-	-	-	-	-	-
Enterprise development	-	-	-	-	-	-	-	-	-	-	-	-	-
Skill development	-	-	-	-	-	-	-	-	-	-	-	-	-
Yield increment	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of low volume and high value crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Off-season vegetables	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery raising	-	-	-	-	-	-	-	-	-	-	-	-	-
Export potential vegetables	-	-	-	-	-	-	-	-	-	-	-	-	-
Grading and standardization	-	-	-	-	-	-	-	-	-	-	-	-	-
Protective cultivation (Green Houses, Shade Net etc.)	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any (Cultivation of Vegetable)	-	-	-	-	-	-	-	-	-	-	-	-	-
Training and pruning	-	-	-	-	-	-	-	-	-	-	-	-	-
b) Fruits													
Layout and Management of Orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any(INM)	-	-	-	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants													
Nursery Management	-	-	-	-	-	-	-	-	-	-	-	-	-

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
Management of potted plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
d) Plantation crops													
Production and Management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
e) Tuber crops													
Production and Management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
f) Spices													
Production and Management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants													
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Post-harvest technology and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
III. Soil Health and Fertility Management													
Soil fertility management	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil and Water Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	6	0	0	0	51	0	51	102	0	102	153	0	153
Management of Problematic soils	2	0	0	0	0	0	0	53	0	53	53	0	53
Micro nutrient deficiency in crops	1	0	0	0	25	0	25	0	0	0	25	0	25
Nutrient Use Efficiency	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil and Water Testing	3	0	0	0	52	0	52	25	0	25	77	0	77
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
IV. Livestock Production and Management													
Dairy Management	2	0	0	0	0	0	0	53	0	53	53	0	53
Poultry Management	3	0	0	0	51	0	51	25	0	25	76	0	76
Piggery Management	3	0	0	0	52	0	52	26	0	26	78	0	78
Rabbit Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Disease Management	2	0	0	0	25	0	25	27	0	27	52	0	52
Feed management	1	0	0	0	0	0	0	25	0	25	25	0	25
Production of quality animal products	-	-	-	-	-	-	-	-	-	-	-	-	-

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Others, if any Goat farming	1	0	0	0	25	0	25	0	0	0	25	0	25
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	-	-	-	-	-	-	-	-	-	-	-	-	-
Design and development of low/minimum cost diet	-	-	-	-	-	-	-	-	-	-	-	-	-
Designing and development for high nutrient efficiency diet	-	-	-	-	-	-	-	-	-	-	-	-	-
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Storage loss minimization techniques	-	-	-	-	-	-	-	-	-	-	-	-	-
Enterprise development	-	-	-	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Income generation activities for empowerment of rural Women	-	-	-	-	-	-	-	-	-	-	-	-	-
Location specific drudgery reduction technologies	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-	-	-	-
Capacity building	-	-	-	-	-	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-	-	-	-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Small scale processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Post-Harvest Technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
VII. Plant Protection													
Integrated Pest Management	4	0	0	0	77	0	77	25	0	25	102	0	102
Integrated Disease Management	4	0	0	0	52	0	52	51	0	51	103	0	103
Bio-control of pests and diseases	3	0	0	0	26	0	26	50	0	50	76	0	76
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-	-	-	-
Disease & Pest Management	1	0	0	0	0	0	0	25	0	25	25	0	25
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Mushroom Production	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII. Fisheries													
Integrated fish farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-	-	-	-

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
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-	-	-	-
Composite fish culture & fish disease	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	-	-	-	-	-	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
IX. Production of Inputs at site													
Seed Production	-	-	-	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
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	36	0	0	0	436	0	436	487	0	487	923	0	923

B) Rural Youth Including the sponsored training programmes (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	2	0	0	0	32	0	32	30	0	30	62	0	62
Bee-keeping	1	0	0	0	34	0	34	0	0	0	34	0	34
Integrated farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Seed production	1	0	0	0	0	0	0	33	0	33	33	0	33
Production of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermi-culture	3	0	0	0	30	0	30	62	0	62	92	0	92
Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	1	0	0	0	32	0	32	0	0	0	32	0	32
Commercial fruit production	1	0	0	0	34	0	34	0	0	0	34	0	34
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery Management of Horticulture crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Training and pruning of orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-	-	-	-
Dairying	1	0	0	0	31	0	31	0	0	0	31	0	31
Sheep and goat rearing	1	0	0	0	33	0	33	0	0	0	33	0	33
Quail farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Piggery	1	0	0	0	0	0	0	34	0	34	34	0	34
Rabbit farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Poultry production	1	0	0	0	0	0	0	35	0	35	35	0	35
Ornamental fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-
Enterprise development	2	0	0	0	31	0	31	33	0	33	64	0	64
Para vets	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	15	0	0	0	257	0	257	227	0	227	484	0	484

C) Extension Personnel Including the sponsored training programmes (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	2	16	15	31	6	4	10	6	6	12	28	25	53
Value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient management	2	15	15	30	6	5	11	6	6	12	27	26	53
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Protected cultivation technology	2	16	16	32	6	4	10	6	6	12	28	26	54
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Group Dynamics and farmers organization	2	16	14	30	6	6	12	7	5	12	29	25	54
Information networking among farmers	-	-	-	-	-	-	-	-	-	-	-	-	-
Capacity building for ICT application	1	8	7	15	4	2	6	3	2	5	15	11	26
Care and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-	-	-	-
Management in farm animals	-	-	-	-	-	-	-	-	-	-	-	-	-
Livestock feed and fodder production	-	-	-	-	-	-	-	-	-	-	-	-	-
Household food security	2	16	14	30	6	5	11	5	5	10	27	24	51
Women and Child care	-	-	-	-	-	-	-	-	-	-	-	-	-
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	11	87	81	168	34	26	60	33	30	63	154	137	291

D) Farmers and farm women 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
I. Crop Production													
Weed Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-	-	-	-
Cropping Systems	-	-	-	-	-	-	-	-	-	-	-	-	-
Crop Diversification	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Water management	-	-	-	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Fodder production	-	-	-	-	-	-	-	-	-	-	-	-	-

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, (cultivation of crops)	-	-	-	-	-	-	-	-	-	-	-	-	-
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	-	-	-	-	-	-	-	-	-	-	-	-	-
Water management	-	-	-	-	-	-	-	-	-	-	-	-	-
Enterprise development	-	-	-	-	-	-	-	-	-	-	-	-	-
Skill development	-	-	-	-	-	-	-	-	-	-	-	-	-
Yield increment	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of low volume and high value crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Off-season vegetables	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery raising	-	-	-	-	-	-	-	-	-	-	-	-	-
Export potential vegetables	-	-	-	-	-	-	-	-	-	-	-	-	-
Grading and standardization	-	-	-	-	-	-	-	-	-	-	-	-	-
Protective cultivation (Green Houses, Shade Net etc.)	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any (Cultivation of Vegetable)	-	-	-	-	-	-	-	-	-	-	-	-	-
Training and pruning	-	-	-	-	-	-	-	-	-	-	-	-	-
b) Fruits													
Layout and Management of Orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any(INM)	-	-	-	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants													
Nursery Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
d) Plantation crops													
Production and Management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
e) Tuber crops													
Production and Management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
f) Spices													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production and Management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants													
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Post-harvest technology and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
III. Soil Health and Fertility Management													
Soil fertility management	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil and Water Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	9	72	66	138	28	18	46	27	19	46	127	103	230
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Management of Problematic soils	-	-	-	-	-	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops	1	8	8	16	3	2	5	4	2	6	15	12	27
Nutrient Use Efficiency	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil and Water Testing	2	16	14	30	6	6	12	6	4	10	28	24	52
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
IV. Livestock Production and Management													
Dairy Management	1	8	7	15	3	4	7	3	2	5	14	13	27
Poultry Management	1	9	7	16	4	1	5	3	2	5	16	10	26
Piggery Management	2	16	15	31	6	3	9	6	5	11	28	23	51
Rabbit Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Disease Management	2	16	14	30	6	6	12	5	5	10	27	25	52
Feed management	2	18	13	31	6	4	10	7	5	12	31	22	53
Production of quality animal products	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any Goat farming	3	24	23	47	9	5	14	9	8	17	42	36	78
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	-	-	-	-	-	-	-	-	-	-	-	-	-
Design and development of low/minimum cost diet	-	-	-	-	-	-	-	-	-	-	-	-	-
Designing and development for high nutrient efficiency diet	-	-	-	-	-	-	-	-	-	-	-	-	-
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Storage loss minimization	-	-	-	-	-	-	-	-	-	-	-	-	-

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
techniques													
Enterprise development	-	-	-	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Income generation activities for empowerment of rural Women	-	-	-	-	-	-	-	-	-	-	-	-	-
Location specific drudgery reduction technologies	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-	-	-	-
Capacity building	-	-	-	-	-	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-	-	-	-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Small scale processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Post-Harvest Technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
VII. Plant Protection													
Integrated Pest Management	1	10	8	18	3	2	5	3	3	6	16	13	29
Integrated Disease Management	3	24	22	46	10	6	16	8	7	15	42	35	77
Bio-control of pests and diseases	1	9	7	16	4	2	6	3	2	5	16	11	27
Production of bio control agents and bio pesticides	1	8	8	16	3	2	5	3	2	5	14	12	26
Disease & Pest Management	2	16	14	30	6	6	12	7	3	10	29	23	52
Integrated Crop Management	2	15	15	30	7	4	11	6	5	11	28	24	52
Mushroom Production	2	16	15	31	6	4	10	7	3	10	29	22	51
VIII. Fisheries													
Integrated fish farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-	-	-	-
Composite fish culture & fish disease	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	-	-	-	-	-	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-	-	-	-

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
Edible oyster farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
IX. Production of Inputs at site													
Seed Production	-	-	-	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
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	35	285	256	541	110	75	185	107	77	184	502	408	910

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	-	-	-	-	-	-	-	-	-	-	-	-	-

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
Integrated Farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial fruit production	-	-	-	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery Management of Horticulture crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Training and pruning of orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-	-	-	-
Dairying	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-	-	-	-
Quail farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Poultry production	-	-	-	-	-	-	-	-	-	-	-	-	-
Ornamental fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-
Para vets	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-

F) Extension Personnel 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
Productivity enhancement in field crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient management	-	-	-	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-	-	-	-

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
Protected cultivation technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Group Dynamics and farmers organization	-	-	-	-	-	-	-	-	-	-	-	-	-
Information networking among farmers	-	-	-	-	-	-	-	-	-	-	-	-	-
Capacity building for ICT application	-	-	-	-	-	-	-	-	-	-	-	-	-
Care and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-	-	-	-
Management in farm animals	-	-	-	-	-	-	-	-	-	-	-	-	-
Livestock feed and fodder production	-	-	-	-	-	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	-	-	-	-	-	-	-
Women and Child care	-	-	-	-	-	-	-	-	-	-	-	-	-
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Crop intensification	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-	-	-	-
Cropping Systems	-	-	-	-	-	-	-	-	-	-	-	-	-
Crop Diversification	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Water management	-	-	-	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Fodder production	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, (cultivation of crops)	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
II. Horticulture													

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
a) Vegetable Crops													
Integrated nutrient management	-	-	-	-	-	-	-	-	-	-	-	-	-
Water management	-	-	-	-	-	-	-	-	-	-	-	-	-
Enterprise development	-	-	-	-	-	-	-	-	-	-	-	-	-
Skill development	-	-	-	-	-	-	-	-	-	-	-	-	-
Yield increment	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of low volume and high value crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Off-season vegetables	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery raising	-	-	-	-	-	-	-	-	-	-	-	-	-
Exotic vegetables like Broccoli	-	-	-	-	-	-	-	-	-	-	-	-	-
Export potential vegetables	-	-	-	-	-	-	-	-	-	-	-	-	-
Grading and standardization	-	-	-	-	-	-	-	-	-	-	-	-	-
Protective cultivation (Green Houses, Shade Net etc.)	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any (Cultivation of Vegetable)	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
b) Fruits													
Training and Pruning	-	-	-	-	-	-	-	-	-	-	-	-	-
Layout and Management of Orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any(INM)	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants													
Nursery Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
d) Plantation crops													
Production and Management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
e) Tuber crops													
Production and Management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
f) Spices													
Production and Management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants													
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Post harvest technology and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
III. Soil Health and Fertility Management													
Soil fertility management	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil and Water Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	9	72	66	138	28	18	46	27	19	46	127	103	230
Production and use of organic inputs	6	0	0	0	51	0	51	102	0	102	153	0	153
Management of Problematic soils	2	0	0	0	0	0	0	53	0	53	53	0	53
Micro nutrient deficiency in crops	2	8	8	16	28	2	30	4	2	6	40	12	52
Nutrient Use Efficiency	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil and Water Testing	5	16	14	30	58	6	64	31	4	35	105	24	129
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	24	96	88	184	165	26	191	217	25	242	478	139	617
IV. Livestock Production and Management													
Dairy Management	3	8	7	15	3	4	7	56	2	58	67	13	80
Poultry Management	4	9	7	16	55	1	56	28	2	30	92	10	102
Piggery Management	5	16	15	31	58	3	61	32	5	37	106	23	129
Rabbit Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Disease Management	4	16	14	30	31	6	37	32	5	37	79	25	104
Feed management	3	18	13	31	6	4	10	32	5	37	56	22	78
Production of quality animal products	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any (Goat farming)	4	24	23	47	34	5	39	9	8	17	67	36	103
TOTAL	23	91	79	170	187	23	210	189	27	216	467	129	596
V. Home Science/Women													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
empowerment													
Household food security by kitchen gardening and nutrition gardening	-	-	-	-	-	-	-	-	-	-	-	-	-
Design and development of low/minimum cost diet	-	-	-	-	-	-	-	-	-	-	-	-	-
Designing and development for high nutrient efficiency diet	-	-	-	-	-	-	-	-	-	-	-	-	-
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Storage loss minimization techniques	-	-	-	-	-	-	-	-	-	-	-	-	-
Enterprise development	-	-	-	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Income generation activities for empowerment of rural Women	-	-	-	-	-	-	-	-	-	-	-	-	-
Location specific drudgery reduction technologies	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-	-	-	-
Capacity building	-	-	-	-	-	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-	-	-	-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Small scale processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Post-Harvest Technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
VII. Plant Protection													
Integrated Pest Management	5	10	8	18	80	2	82	28	3	31	118	13	131
Integrated Disease Management	7	24	22	46	62	6	68	59	7	66	145	35	180
Bio-control of pests and diseases	4	9	7	16	30	2	32	53	2	55	92	11	103
Production of bio control agents and bio pesticides	1	8	8	16	3	2	5	3	2	5	14	12	26
Disease & Pest Management	3	16	14	30	6	6	12	32	3	35	54	23	77
Integrated Crop Management	2	15	15	30	7	4	11	6	5	11	28	24	52
Mushroom Production	2	16	15	31	6	4	10	7	3	10	29	22	51
TOTAL	**22**	**82**	**74**	**156**	**188**	**22**	**210**	**181**	**22**	**203**	**451**	**118**	**569**

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
VIII. Fisheries													
Integrated fish farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-	-	-	-
Composite fish culture & fish disease	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	-	-	-	-	-	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
IX. Production of Inputs at site													
Seed Production	-	-	-	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
X. Capacity Building and Group Dynamics													
Leadership development	-	-	-	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	-	-	-	-	-	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-

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
XI Agro-forestry													
Production technologies	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
XII. Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	69	269	241	510	540	71	611	587	74	661	1396	386	1782

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
Mushroom Production	2	0	0	0	32	0	32	30	0	30	62	0	62
Bee-keeping	1	0	0	0	34	0	34	0	0	0	34	0	34
Integrated farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Seed production	1	0	0	0	0	0	0	33	0	33	33	0	33
Production of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermi-culture	3	0	0	0	30	0	30	62	0	62	92	0	92
Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	1	0	0	0	32	0	32	0	0	0	32	0	32
Commercial fruit production	1	0	0	0	34	0	34	0	0	0	34	0	34
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery Management of Horticulture crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Training and pruning of orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-	-	-	-
Dairying	1	0	0	0	31	0	31	0	0	0	31	0	31
Sheep and goat rearing	1	0	0	0	33	0	33	0	0	0	33	0	33
Quail farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Piggery	1	0	0	0	0	0	0	34	0	34	34	0	34
Rabbit farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Poultry production	1	0	0	0	0	0	0	35	0	35	35	0	35
Ornamental fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-
Enterprise development	2	0	0	0	31	0	31	33	0	33	64	0	64
Para vets	-	-	-	-	-	-	-	-	-	-	-	-	-
Para extension workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-	-	-	-

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
Cold water fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish harvest and processing technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-	-	-	-
Small scale processing	-	-	-	-	-	-	-	-	-	-	-	-	-
Post-Harvest Technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Tailoring and Stitching	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	15	0	0	0	257	0	257	227	0	227	484	0	484

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	2	16	15	31	6	4	10	6	6	12	28	25	53
Value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient management	2	15	15	30	6	5	11	6	6	12	27	26	53
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Protected cultivation technology	2	16	16	32	6	4	10	6	6	12	28	26	54
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Group Dynamics and farmers organization	2	16	14	30	6	6	12	7	5	12	29	25	54
Information networking among farmers	-	-	-	-	-	-	-	-	-	-	-	-	-
Capacity building for ICT application	1	8	7	15	4	2	6	3	2	5	15	11	26
Care and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-	-	-	-
Management in farm animals	-	-	-	-	-	-	-	-	-	-	-	-	-
Livestock feed and fodder production	-	-	-	-	-	-	-	-	-	-	-	-	-
Household food security	2	16	14	30	6	5	11	5	5	10	27	24	51
Women and Child care	-	-	-	-	-	-	-	-	-	-	-	-	-
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	11	87	81	168	34	26	60	33	30	63	154	137	291

Please furnish the details of training programmes as Annexure in the proforma given below

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of SC/ST			Number of participants (others)			Over all participants
					M	F	Total	M	F	Total	

-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self-employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Goat Farming	Disease Management	Scientific rearing of goats	5 days	28	22	50	Goatery Farm	16	26	11
Vermicompost	Organic farming	Production of Vermicompost	5 days	31	19	50	Vermi compost Unit	17	29	12
Nursery Management	Horticulture nursery	Nursery Management of Horticultural Crops	5 days	47	13	60	Horticultural Nursery	21	34	14
Poultry	Backyard Poultry	Backyard Poultry Farming Practices	5 days	23	27	50	Poultry Unit	14	22	10

**Training title should specify the major technology /skill transferred*

I) Sponsored Training Programmes

Sl.	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants										Sponsoring Agency
					PF/RY/EF		Male			Female			Total				
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1.	15 days Certificate Course on INM	Integrated Nutrient Management	February, 2024	15 days	-	32 (Theory) + 10 (Practical)	24	7	5	4	2	0	28	9	5	42	Self (Participants
2.	15 days Certificate Course on INM	Integrated Nutrient Management	July, 2024	15 days	-	32 (Theory) + 10 (Practical)	18	4	2	5	4	3	23	8	5	36	Self (Participants
3.	Mali Training	Nursery Management,	September,	30 days	-	200 hrs. credit couse	14	4	2	0	0	0	14	4	2	20	District Hortic

	Programme	Gardening, Plant Propagation	2024														ulture Office, Deoghar

Area of training	No. of Courses	No. of Participants											
		General			SC			ST			Grand Total		
		M	F	Total	M	F	Total	M	F	Total	M	F	Total
Crop production and management	-	-	-	-	-	-	-	-	-	-	-	-	-
Increasing production and productivity of crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial production of vegetables	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Fruit Plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Ornamental plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Spices crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil health and fertility management	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of Inputs at site	-	-	-	-	-	-	-	-	-	-	-	-	-
Methods of protective cultivation	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	-
Post harvest technology and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	-
Farm machinery	-	-	-	-	-	-	-	-	-	-	-	-	-
Farm machinery, tools and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	-
Livestock and fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-
Livestock production and management	-	-	-	-	-	-	-	-	-	-	-	-	-
Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Animal Disease Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Fisheries Nutrition	-	-	-	-	-	-	-	-	-	-	-	-	-
Fisheries Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	-
Home Science	-	-	-	-	-	-	-	-	-	-	-	-	-
Household nutritional security	-	-	-	-	-	-	-	-	-	-	-	-	-
Economic empowerment of women	-	-	-	-	-	-	-	-	-	-	-	-	-
Drudgery reduction of women	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	-
Agricultural Extension	-	-	-	-	-	-	-	-	-	-	-	-	-
Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-	-	-	-	-	-

Other	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant Total	-	-	-	-	-	-	-	-	-	-	-	-	-

J. Information on ASCI Skill Development Training Programme funded by ICAR undertaken during 2024

Total no of training organised	Name of QP/Job role	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	

K. Information on Skill Development Training Programme (Other agency if any) if undertaken

Total no of training organised	Name of QP/Job role	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	

3.5. A. ACHEVEMENTS OF EXTENSION/OUTREACH ACTIVITIES
(Including activities of FLD programmes)

Nature of Extension Activity	**No. of activities**	**Farmers**					**Extension Officials**					**Total**				
		M	**F**	**Total**	**SC (no.)**	**ST (no.)**	**M**	**F**	**Total**	**SC (no.)**	**ST (no.)**	**M**	**F**	**Total**	**SC (no.)**	**ST (no.)**
Kisan Mela organized	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kisan Mela participated	3	578	293	871	106	219	47	19	66	14	26	625	312	937	120	245
Field Day	46	1012	581	1593	157	343	26	8	34	7	11	1038	589	1672	164	354
Kisan Ghosthi	15	868	205	1073	121	236	64	6	70	8	12	932	211	1143	129	248
Exhibition organized	3	93	59	152	22	26	21	7	28	3	9	114	66	180	25	35
Participation in exhibition	5	162	74	236	27	32	38	11	49	7	11	200	85	285	34	43
Film Show	9	111	47	158	21	27	19	8	27	8	6	130	55	185	29	33
Method Demonstrations	5	148	13	161	28	25	9	4	13	2	4	157	17	174	30	29
Farmers Seminar	4	143	38	181	18	33	15	5	20	3	2	158	43	201	21	35
Workshop	7	276	83	359	42	54	32	14	46	11	9	308	97	405	53	63
Group discussion	14	386	37	423	56	77	39	18	57	9	12	425	55	480	65	89

Lectures delivered as resource persons	25	326	173	499	23	19	42	11	53	8	11	368	184	552	31	30
Advisory Services	102	3023	1408	4431	1132	897	20	4	24	6	1	3043	1412	4455	1138	898
Scientific visit to farmers field	57	1425	314	1739	239	146	118	23	141	24	33	1543	337	1880	263	179
Farmers visit to KVK	12	1879	72	1951	236	174	125	33	158	38	42	2004	105	2109	274	216
Diagnostic visits	44	1132	476	1608	182	237	31	11	42	9	13	1163	518	1681	195	250
Exposure visits	10	396	52	448	29	53	14	8	22	3	7	410	60	470	32	60
Ex-trainees Sammelan	3	128	21	149	14	23	10	4	14	2	3	138	25	163	16	26
Soil health Camp	4	148	24	172	18	16	17	6	23	4	8	165	30	195	22	24
Animal Health Camp	5	284	32	316	21	37	26	12	38	9	12	310	44	354	30	49
Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil test campaigns	3	228	46	274	24	31	16	6	22	2	5	244	52	296	26	36
Farm Science Club Conveners meet	1	32	11	43	13	8	5	1	6	0	1	37	12	49	13	9
Self Help Group Conveners meetings	5	154	32	186	29	25	24	8	32	5	8	178	40	218	34	33
Mahila Mandals Conveners meetings	3	0	104	104	19	25	9	3	12	0	1	9	107	116	19	26
Special day celebration	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sankalp Se Siddhi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Swatchta Hi Sewa	30	341	64	405	36	43	30	10	40	11	8	371	74	445	47	51
Celebration of important date	17	404	261	665	68	93	71	49	120	18	31	475	310	785	86	124
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

B. Other Extension/content mobilization activities

Nature of Extension Activity	**No. of activities**
Newspaper coverage	29
Radio talks	6
TV talks	18
Popular articles published	5

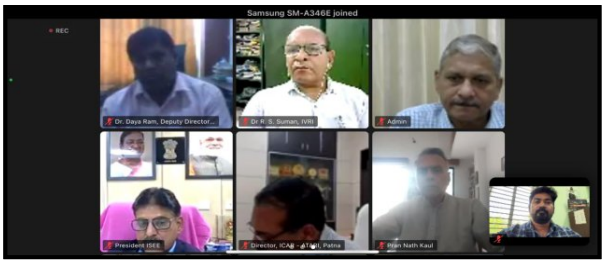
Extension Literature	11
Electronic media	2
Any other	8

Scientist Visit to Farmer's Field

Field Day

Workshop

Kisan Mela

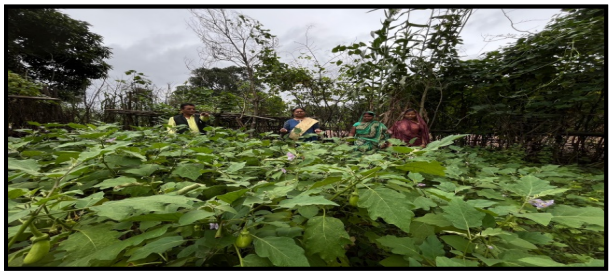


Group Meeting

Training of Agripreneurs

Lecture delivered as resource person

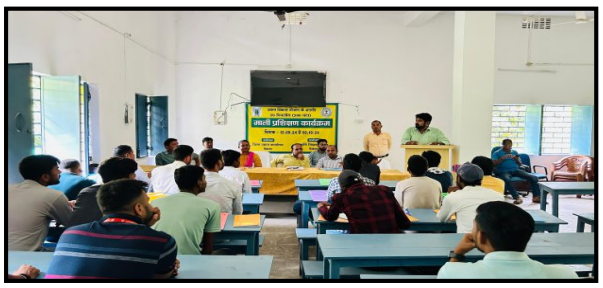
Other Extension Activity



Diagnostic Visit

Rashtriya Poshan Mah

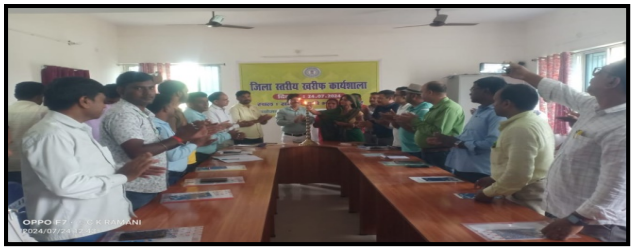
Awareness Prog. On Swacchata Hi Sewa



Mali Training Programme

Janjatiya Gaurav Diwas

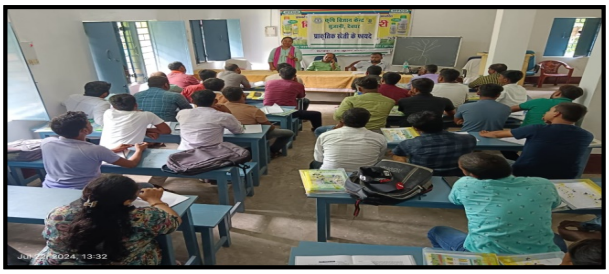
Workshop on PM Kusum Yojna



District Level Kharif Workshop

RAWE Programme

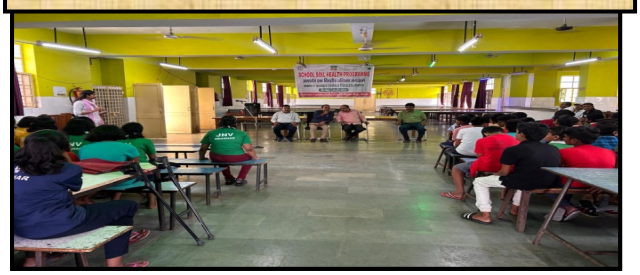
Indigenous Food Fair



Training Prog. on Natural Farming

Block Level Kharif Workshop

Training on Goat Farming



Awareness Programme on Soil Health

Training Programme of FPOs

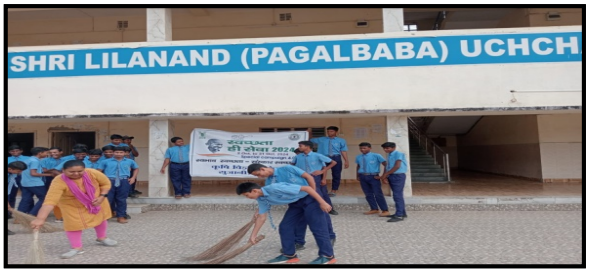
Ek Ped Maa ke Naam Campaign

Swacchata Pledge

Swacchata Hi Sewa Campaign

Farmer-Scientist Interaction

Awareness Prog. On Swacchata



Cleanliness Drive under Swacchata

Demonstration of Planting Materials

Kisan Goshthi

CROP DEMONSTRATION AT KVK FARM

Paddy Demonstration

Soyabean Demonstration

Maize Demonstration

Jowar Demonstration

Bajra Demonstration

Ragi Demonstration

Groundnut Demonstration

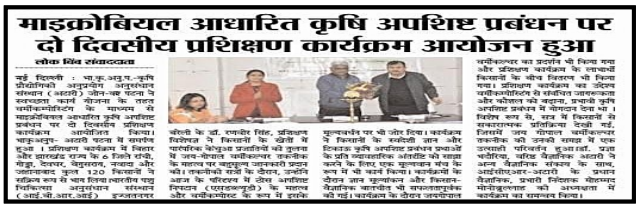
Proso Millet Demonstration

Foxtail Millet Demonstration

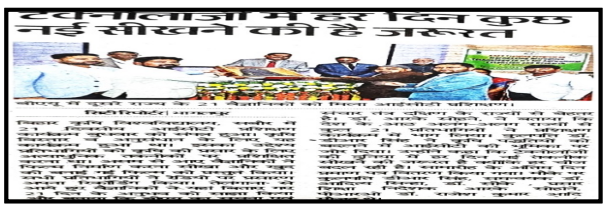
Sanwa Millet Demonstration

PRINT MEDIA COVERAGE OF KVK ACTIVITES

जैविक कृषि मेले में किसानों ने लगायी प्रदर्शनी



माइक्रोबियल आधारित कृषि अपशिष्ट प्रबंधन पर दो दिवसीय प्रशिक्षण कार्यक्रम आयोजन हुआ

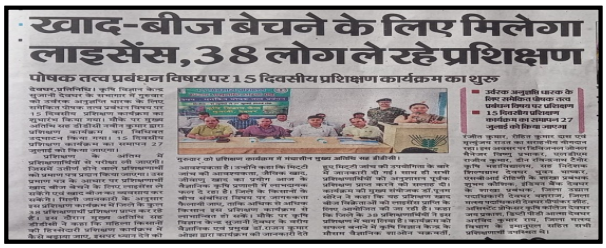


आयोजन. केवीके में वैज्ञानिक सलाहकार समिति की बैठक, बोले वक्ता

नयी तकनीक अपनायें किसान

पौधा किस्म और किसान अधिकार संरक्षण अधिनियम पर कार्यशाला में सांसद डॉ निशिकांत दुबे ने की शिरकत

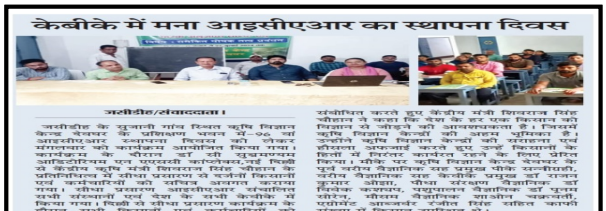
किसान के अधिकारों का सम्मान होना चाहिए : सांसद



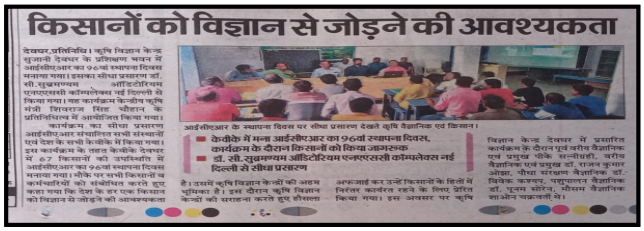
खाद-बीज बेचने के लिए मिलेगा लाइसेंस, 38 लोग ले रहे प्रशिक्षण

पोषक तत्व प्रबंधन विषय पर 15 दिवसीय प्रशिक्षण कार्यक्रम का शुरू

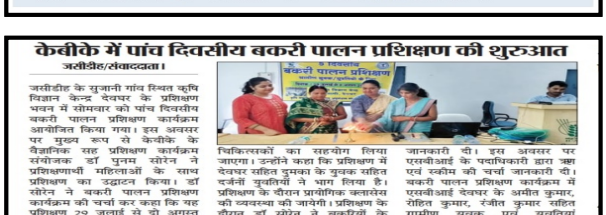
कृविकें में 15 दिवसीय उर्वरक अनुज्ञप्ति धारक का प्रशिक्षण शुरू



केबीके में मना आइसीएआर का स्थापना दिवस

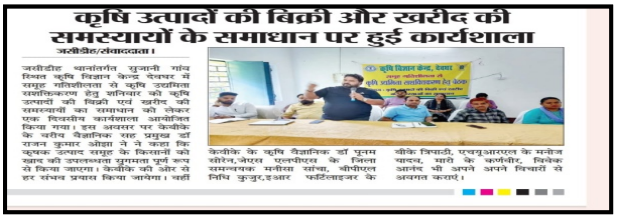


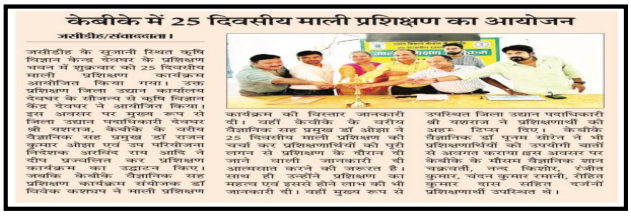
किसानों को विज्ञान से जोड़ने की आवश्यकता



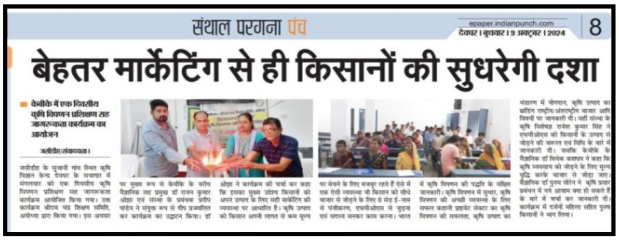
केबीके में पांच दिवसीय बकरी पालन प्रशिक्षण की शुरुआत

बकरी पालन प्रशिक्षण परीक्षा में सफल प्रशिक्षणार्थियों के बीच सर्टिफिकेट का वितरण


कृषि उत्पादों की बिक्री और खरीद की समस्यायों के समाधान पर हुई कार्यशाला


केवीके में 25 दिवसीय माली प्रशिक्षण का आयोजन


09.10.2024 prabhatkhabar.com
किसानों को सीधे बाजार से जुड़ कर उत्पाद बेचने की दी गयी जानकारी


संथाल परगना पंच
बेहतर मार्केटिंग से ही किसानों की सुधरेगी दशा

C. Technology week celebration

Type of activities	No. of activities	Number of participants	Related crop/livestock technology
Krishak Swarn Samridhi Week 23-28 Sept., 2024	5	473	Emphasis on crop rotation, multi cropping, high value crop, Livestock management, Government support for farmers,

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
Republic day (26th Jan.)	1	27	11	38	3	1	4	30	12	42
International Women's Day (8th Mar.)	1	21	54	75	3	6	9	24	60	84
Ambedkar Jayanti (14th Apr.)	-	-	-	-	-	-	-	-	-	-
World's Veterinary Day (Last week of April)	1	24	21	45	6	4	10	30	25	55
World 'Milk Day	1	11	17	28	5	4	9	16	21	37
International Yoga Day (21st Jun.)	1	23	4	27	3	2	5	26	6	32
Independence Day (15th Aug.)	1	44	8	52	5	3	8	48	11	59
Parthenium Awareness Week	1	39	7	46	6	3	9	45	10	55
Hindi Diwas (14th Sep.)	1	28	11	39	3	1	4	31	12	43
Gandhi Jayanti (2nd Oct.)	1	22	6	28	5	2	7	27	8	35
Mahila Kisan Diwas (15th Oct.)	1	11	34	45	3	6	9	14	40	54
World Food Day (16th Oct.)	1	18	11	29	4	4	8	22	15	37
Vigilance Awareness Week	1	19	13	32	4	2	6	23	15	38
National Unity Day (31st Oct.)	-	-	-	-	-	-	-	-	-	-
World Science Day (10th Nov.)	1	21	8	29	4	3	7	25	11	36
National Education Day (11th Nov.)	1	17	12	29	3	1	4	20	13	33
Fisheries day (21 Nov)	-	-	-	-	-	-	-	-	-	-
National Constitution Day (26th Nov.)	1	14	7	21	5	3	8	19	10	29
World Soil Day (5th Dec.)	1	34	19	53	4	3	7	38	22	60
Kisan Diwas (23rd Dec.)	1	31	18	49	5	1	6	36	19	55
Any other day	-	-	-	-	-	-	-	-	-	-

Republic Day

Independence Day

Mahila Kisan Diwas

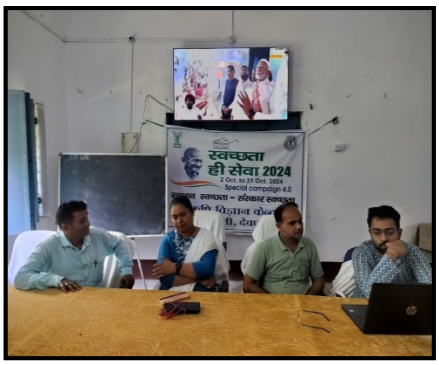
Parthenium Awareness Week

World Soil Day

ICAR Foundation Day

E. Interaction/Live telecast programme of Hon'ble PM/Hon'ble or Argil Minister

Sl.	Date of event	Name of Event/Programme	Interaction of Hon'ble PM/AM	Participants			
				Farmers	Staffs	VIP/Others	Total
1.	18.06.2024	Release of 17th installment of PM Kisan Samman Nidhi Yojna	PM	122	10	3	135
2.	16.07.2024	ICAR Foundation Day	AM	86	10	2	98
3.	15.08.2024	Nationwide Launch of National Pest Surveillance System (NPSS)	AM	94	10	2	106
4.	05.10.2024	Release of 18th installment of PM Kisan Samman Nidhi Yojna	PM	78	10	3	91



Interaction with Hon'ble PM

Interaction with Hon'ble AM

PM Kisan Samman Nidhi

3.5 A. PRODUCTION AND SUPPLY OF TECHNOLOGICAL PRODUCTS

A. Seed production at seed village

Crop	Variety	Quantity	Value	No. of farmers involved	Number of farmers

		of seed (q)	(Rs)	in village seed production	to whom seed provided			
					SC	ST	Other	Total
	-	-	-	-	-	-	-	-
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	MTU-7029	1.50	8,400=00	10	8	15	33
	Sahbhagi Dhan	1.50	9,100=00	5	7	12	24
Pulses	IPA-203	0.50	10,200=00	7	6	5	18
Oil seed	-	-	-	-	-	-	-
Green Manure	-	-	-	-	-	-	-
Commercial crop	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-
Fodder	-	-	-	-	-	-	-
Spices	-	-	-	-	-	-	-
Fruits	-	-	-	-	-	-	-
Forest crop	-	-	-	-	-	-	-
Ornamental/flower	-	-	-	-	-	-	-
Medicinal	-	-	-	-	-	-	-
Grand Total	**-**	**3.5**	**27,700**	**22**	**21**	**32**	**75**

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	Snow ball	5000	Rs 5000	28	15	43	86
Cabbage	Bobcat	5000	Rs 5000	19	27	45	91
Tomato	Chamatkar i	5000	Rs 5000	22	16	34	72
Brinjal	Kabra (Safed)	4000	Rs 4000	35	21	50	106
Chilli	Beauty	4000	RS 4000	42	10	62	126
Onion	-	-	-	-	-	-	-
Others (Capsicum)	Green Gold	2000	Rs 5000	20	17	26	63
Commercial seedlings							
Mulberry	-	-	-	-	-	-	-
Sugarcane,	-	-	-	-	-	-	-
Sweet Potato	-	-	-	-	-	-	-

Turmeric	-	-	-	-	-	-	-
Zinger	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-
Fruits seedlings							
Mango	Malda, Amrapali	1000	Rs 40000	61	87	90	238
Guava	Allahabadi, L-49	1000	Rs 20000	53	71	85	209
Lime	-	-	-	-	-	-	-
Papaya	-	-	-	-	-	-	-
Banana	-	-	-	-	-	-	-
Ornamental plants							
Marigold	-	-	-	-	-	-	-
Annual chrysanthemum	-	-	-	-	-	-	-
Tuberose	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-
Medicinal and Aromatic	-	-	-	-	-	-	-
Plantation	-	-	-	-	-	-	-
Tuber Elephant yams	-	-	-	-	-	-	-
Spices	-	-	-	-	-	-	-
Grand Total		27000	30000	280	264	435	991

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	180.10	12,700=00	15	18	21	54
Bio-agents (Trichocard etc)	-	-	-	-	-	-
Worms (earthworm, silk worms etc)	-	-	-	-	-	-
Bio-fungicide	-	-	-	-	-	-
Others, please specify vermicompost	10275.00	41,520=00	72	25	60	157

Mushroom spawn	500	5000	23	10	35	68
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.	Mridaprikshak	2
2.	pH Meter	1
3.	EC Meter	1
4.	Water Distilation Unit	2
5.	OHAS make model	1
6.	Digital Balance	1
7.	Quartz Double Boiler	1

8.	Hot Air Oven	1
9.	Hot Plate	1
10.	Willey Mill	1
11.	Voltage Stabilizer	1
12.	Rotary Shaker	1
13.	Variable Pipette	1
14.	Filter Ca.	1
15.	Conductivity Meter	1

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
1250	-	1250

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	1250	13	3172	1,87,500
2.	Water	-	-	-	-
3.	Plant	-	-	-	-
4.	Fertilizers	-	-	-	-
5.	Manures	-	-	-	-
6.	Food	-	-	-	-
7.	Others (if any)	-	-	-	-

d. Details of World Soil Day Celebration

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
1	1	40	68	-	-	75

I. Activities under Rain Water Harvesting structure and Micro Irrigation System

S.No	No of training programme conducted	No. of demonstrations	No. of plant material produced	Visit by the farmers (No.)	Visit by the officials (No.)
	-	-	-	-	-

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

1. Name of Seed Hub Centre:

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

2. Quality Seed Production of Pulses

Season	Name of crop taken under seed production	Name of variety taken under seed production	Crop and variety wise area (ha) covered under seed production	Crop and variety wise Yield (Q/ha)	Crop and variety wise quantity of seed produced (Q)	Crop and variety wise quantity of seed sale out (Q)	Crop and variety wise number of farmers purchased seed from KVK	Quantity of seed sale out to farmers (Q)	No of village covered through sale of seed	Quantity of seed sale out to other organization (Q)	Amount generated (Lakh) during 2024-24	Total amount (Lakh) in Seed 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 RESOUSES 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,	NASS Rating	

		journal name)	>6	<6
1.	Research paper	Effect of brown manuring on growth, N uptake & yield of DSR.	-	5.25
2.		Comparative study of peritoneal dialysis alone and alongwith root extracts of Andrographis paniculata in acute renal failure in dogs.	-	5.60
3.		Evalution of botanicals, cow urine against downey mildew.	-	5.42

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	Integrated Mushroom Production.	-	-
	Diseases of horticultural crops & their management.	-	-
	Integrated Nutrient Management.	-	-
	A Handbook on Soil quality Assessment	-	-
Book chapter published	Trends of organic farming.	-	-
	Vermicomposting: An Eco-friendly Approach for sustainable Agriculture. Advances in organic farming (Volume - I)	-	-
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	Sarguja ki unnat kheti	2000	2000
	Alsi (Tisi) ki vaigyanik kheti	2000	2000
	Sarso ki kheti	2000	2000
	surajmukhi ki vaigyanik kheti	2000	2000
	Soybeen ki labhkari kheti	2000	2000
	Mungfali ki kheti	2000	2000
	Backyard Murgipalan	2000	2000
	Bakario me PPR rog ke karan, pahchan avm bachav	2000	2000
	Sukar palan ek labhkari vyavsay	2000	2000
	Gay avm Bhains ke pramukh rog v roktham	2000	2000

Technical reports	-	-	-
News letter	Pashuo me rog rogtham ke upay	-	-
	Mushroom se hogi income double.	-	-
	Olavrishti se faslo ko rescue kre.	-	-
	Phaldar Paudhe.	-	-
	Phal aur Sabjiyo se duguni aay hogi.	-	-
Electronic Publication (CD/DVD etc)	-	-	-
TOTAL		20000	20000

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.	Dr. Rajan Kumar Ojha	I/c Head	Annual Zonal Workshop	29-31 August, , 2024	3 days	BAU, Sabour
2.	Dr. Vivek Kashyap	SMS (Plant Protection)	Annual Zonal Workshop	29-31 August, , 2024	3 days	BAU, Sabour
3.	Dr. Vivek Kashyap	SMS (Plant Protection)	Annual Zonal Workshop	29-31 August, , 2024	3 days	BAU, Sabour
4.	Dr. poonam Soren	SMS (Veterinary science)	Divisional Level Kisan Mela	22.09.2024	1 days	Directorate of agriculture, GOJ
5.	Dr. Rajan Kumar Ojha		Directorate of Mustard , Bharatpur	08 – 10 July, 2024	1 days	At RKM, Ranchi by ATARI, Patna
6.	Dr. rajan Kumar Ojha	I/c Head	Seed Production Meeting	23.08.2024	1 days	Directorate of agriculture, GOJ
7.	Dr. Rajan Kumar Ojha	I/c Head	38th EECM, BAU, Ranchi	10th August, 2024	1	BAU, Ranchi
8.	Dr. poonam Soren	SMS (Veterinary science)	OFT finalization workshop	27 & 28 June, 2024	2 days	ATARI, Patna
9.	Dr. Rajan Kumar Ojha	I/c Head	OFT finalization workshop	28-29 May, 2024		BAU, Sabour

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
1.	Dr. Vvek kashyap	Best KVK Scientist Award		Outstanding contribution in farm advisory services under transfer of technology and field of plant protection	Indian Society of Extension Education, Division of Agri. Extension, IARI, New Delhi
2.	Dr. Poonam Soren	Young Extention Scientist Award		Contribution and recognition in the field of Veterinary Medicine	Shri Guru Ram Rai niversity, Dehradun, Uttarakhand, India

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
1.	KVK, Deoghar	Gokul Prasad Yadav	Certifiate of Excellence	Gopidih, Deoghar	8434011125	-	Contribution in field of Natural Farming	BAU, Ranchi
2.		Ambika Prasad Kushwaha	Certificate of Excellence	Pasndanbehra, Mohanpur	7070037579	-	Contribution in field of Horticulture Production	BAU, Ranchi

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
	- Identification of courses for farmers/farm women. - Rural Youth. - Inservice personnel	After survey of the different adopted village, different agriculture related problems are listed and listed problems aare discussed with the line departments of the District, than finalize the priorites and accordingly identity the appropriate technology and other activities for implementation. Target groups for organizing training programme are identity from the adopted village which includes practicing Farmers and Youth. For Extension personal mostly are sponsored programme from District Agriculture. Horticulture, Soil Conservation. Animal Husbandry Office, DDM NABARD. Different Banks, Block Development office and voluantry organization.

4. IMPACT

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

Name of specific area	Brief details of the area	No. of farmers benefitted	Horizontal spread (in area/no.)	% Adoption	Impact of the technology in subjective terms	Impact of the technology in objective terms	Change in income (Rs.)	
							Before (Rs./Unit)	After (Rs./Unit)
Arhar cultivation	Improved variety	71	10	60	95	45.50	11,000.00	17,500.00
Nursery Raising	Mali training	218	2.3	70	30	70.45	16,000.00	23,800.00
Mushroom	SHGs	53	12	80	50	30.80	22,000.00	35,000.00
Poultry	Local breed	46	57	50	50	75.40	24,000.00	43,000.00

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	Sri Ranjit Kumar Jha,
Registered address of the entrepreneur/firm	Vilage :- Rohini, P.O.:- Rohini, Dist.:- Deoghar
Year of establishment	2021
Type of Enterprise	Mushroom cultivation
Registration details	-
No of members associated	11
Technical components of the enterprise (with commodity)	Mushroom spawn, Straw, Sprayer, Polythiline packet, Hanging ropes
Annual Income/revenue of the enterprise	Before- Rs. 8000-10000/-month, After-Rs.35,000.00/month
Role of KVK/Technology backstopping	Spawn supply and Training

(quantitative data support)	
Period/Timeline of the entrepreneurship development	3 years
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):	Every month 80 Kg Mushroom harvested and sale in the market.
Major achievements	A 4 member family fully settled in city and maintaini9ng all expenditure of an average
Major constrains	-
Images/Imp Documents	-

C. Success stories/Case studies, if any

1. Personal information

1.	Name of the farmer/ entrepreneur: Ambika Prasad Kushwaha
2.	Date of Birth: - 10 November, 1978
3.	Education: 12th
4.	Farming Experience/ Experience in enterprise:- 12 years
5.	Cell no./ e-mail: 7070037579
6.	Full address: Vill: Gopidih, Panchayat: Nawadih, Deoghar, Jharkhand
7.	Professional membership (Farmer club/SHG/ATMA/etc.):- ATMA & Farmers club
8.	Major achievement of the farmers: Horticultural Production especially vegetables
9.	Awards received: Adjudged Best Progressive Farmer by Governor of Jharkhand

2. Professional Information

1.	Title of the success story/case study:- Advanced Horticultural Practices- A journey towards prosperity
2.	Situation analysis/Problem statement (What prompted this initiative? What was the problem that needed to be addressed?) -minimal yield especially in horticultural crops.
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- Due to technical interventions by the KVK, ATMA and other line departments he understood the strategies of INM, IPM, irrigation scheduling , developing market linkage which helped in boosting his quality as well as quantity of yield as well as provided him confidence to increase the acreage of horticultural

	production.
5.	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)*- He attended trainings on regular basis in the KVK and allied departments which gave him in depth knowledge on selection of cultivars with higher viability. He also received farm advisories from the KVK which helped in better scheduling of agricultural operations resulting in higher net returns.
7.	Future plans- The primary source of his income is from selling quality vegetables and fruits in local markets and shopping malls.
8.	Supporting Images  

3. Economic Information

Enterprise	Gross Income (annual)	Net income	Cost-Benefit ratio
Scientific method of vegetable production and Marketing	15.30 Lakh	8.70 lakh	2.75

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
1. ATMA, Deoghar	Field visit, Demonstration, Training, Kishan Gosthi, Farmer Scientist Interaction & validation.
2. DCO, Deoghar	Training
3. District Animal husbandry office, Deoghar.	Vaccination & Health Camp.
4. District Horticulture Office, Deoghar	Mali Training
5. District Dairy Office, Deoghar	Artificial Insemination Centre and Mushroom sale outlet.
6. IFFCO, Deoghar	Training, Demonstration
7. NABARD, Deoghar	Demonstration, Training, Kishan Gosthi, Farmer Scientist, Interaction & validation.
8. District Fishries Office, Deoghar	Training.
9. NFL, Deoghar	Training
10. SSLUSI, Ranchi	Training
11. SBI R-SETI	Training

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.)

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

6. PERFORMANCE INDICATORS

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

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

6.2. Performance of Instructional Farm (Crops)

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Paddy	27.07.2024	30.11.2024	1.0	Sahbhagi Dhan	Seed	12.7	14530/-	46700/-	
			1.2	MTU-7029	,,	10.5	13540/-	42800/-	
Arhar	18.07.2024				Standing crop				

6.3. Performance of Production Units (bio-agents / bio pesticides/ bio fertilizers etc.)

S. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.	Mushroom Spawn	145.200	8000=00	15,145=00	

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.	-	-	-	-	-	-	-

6.5. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others	Present status of functioning

	(pl. specify)	
29.08.2021	IMD	Functioning

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
	NA					

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Krishi Vigyan Kendra,Sujani,Deoghar	State Bank of India	Deoghar	11240650555

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	
Niger	350000	-	350000	-	-
Soybean	250000	-	250000	-	-
Sunflower	100000	-	100000	-	-
Groundnut	350000	-	350000	-	-
Linseed		200000		200000	-
Mustard		250000		250000	-
Sesame	-	168375	-	168375	-

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2024
	Kharif	Rabi	Kharif	Rabi	
NA					

7.4. Utilization of KVK funds during the year 2024 (Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	8485200	8485200	7710978

	Total (A)			
2	Traveling allowances	1,00,000	1,00,000	90,189
3	HRD	25,000	25,000	29,350
3	Contingencies			
A.	Stationary	2,14,000	2,14,000	2,10,187
B.	Training of farmers	61,000	61,000	57,932
C.	Training of materials			
D.	Training of extension functionaries			
E.	Training of rural youth			
F.	FLD (Other than Oil seed & pulse)	40,000	40,000	49,423
G.	OFT	25,000	25,000	20,305
H.	Maintance of building	30,000	30,000	30,604
I.	Extension Activities	40,000	40,000	41,680
	TOTAL (B)	**5,35,000**	**5,35,000**	**5,29,670**
B. Non-Recurring Contingencies				
1	General SCSP	550000	550000	461203
2	Capital SCSP	120000	120000	116120-
3	General TSP	900000	900000	821650
4	Capital TSP	700000	700000	635042
	TOTAL (C)	1720000	1720000	1456692
C. REVOLVING FUND		-	-	-
	GRAND TOTAL (A+B+C)	10740200	10740200	1986362

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2022	18,14,538	8,30,104	6,10,780	32,32,575.00
2023	32,32,575.00	12,93,460	7,99,471	19,50,419.63
2024	19,50,419.63	8,76,432	7,92,653	20,34,198.63

7.6. (i) Number of SHGs formed by KVKs
(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities
(iii) Details of marketing channels created for the SHGs

7.7 Joint activity carried out with line departments and ATMA

NAME OF ACTIVITY	NUMBER OF ACTIVITY	SEASON	WITH LINE DEPARTMENT	WITH ATMA	WITH BOTH
Kishan Gosthi	15	Kharif & rabi	DAO	ATMA	Both
ASCI Training	1	Kharif & rabi	DAO	ATMA	Both
Seed Village	2	Kharif & rabi	DAO	ATMA	Both
Mali Training	2	Kharif & rabi	DHO	-	DHO
Workshop	3	Kharif & rabi	DAO	ATMA	Both

IPM	10	Kharif & rabi	DAO	ATMA	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)
BLB	Paddy	August	10370	10-15	Timely sowing, Resistant variety
Blast disease	Paddy	August	595	10	Timely sowing, Resistant variety
Leaf rust	Wheat	Feb.	1810	8	Resistant variety

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)
FMD	Cattle	August	NIL	95	-
PPR	Goat	March-April	5	154	-
Ranikhet	Poultry	Feb-March	8	117	-

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	
NA					

8.6 Details of '*Pre-Rabi Campaign*' Programme

Date of programme	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha/ Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Door Darshan (Yes/No)	Coverage by other channels (Number)
				Attended the programm	Chairman ZilaPanch ayat	Distt. Collector/ DM	Bank Officials	Farmers	Officials, PRI members	Total		

8.7 . 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
1.	12	48	7221	63

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)
05.03.2024	Shri Nishikant Dubey	MP, Godda	Highly praised the activities undertaken by KVK Deoghar

8.10 Details of Scientific Advisory Committee (SAC) Meetings

Date	No of participants	Total statutory members present (sate line department)	Salient recommendations	Action Taken	If not, State reason
16.03.2024	45	11	-	-	-

**Salient recommendations of SAC in bullet points*

Scientific Advisory Committee Meeting Photographs




Details of other meeting related to ATARI

Date	Type of Meeting	Agenda	Representative from ATARI

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

Type of attachment	No of student trained	No of days stayed
Agriculture	68	30

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
NA																		

11.2 Details of Tribal Sub Plan (TSP)

a. Achievements of physical output under TSP

Sl.	Activities	Physical Achievement	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer	10	294
b.	Women	-	-
c.	Rural Youths	-	-
d.	Extension Personnel	-	-
2)	OFT	No. of OFTs	No. of beneficiaries
		-	-

3)	FLD	No. of FLDs	No. of beneficiaries
		5	154
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
		0	0
5)	Other activities		
a.	Participants in extension activities (No.)	169	
b.	Production of seed (q)	5.0	
c.	Production of Planting material (No. in lakh)	1000	
d.	Production of Livestock strains (No. in lakh)	-	
e.	Production of fingerlings (No. in lakh)	-	
f.	Testing of Soil, water, plant, manures samples (Nos.)	200	
g.	Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)	124	
h.	No. of other programmes oraginsed (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	3	

b. Fund received under TSP in 2024-25 (Rs. In lakh): Rs. 16,00,000=00

c. Achievements of physical outcome under TSP during 2024

Sl. No.	Description	Unit	Achievements
1	Change in family income	%	35
2	Change in family consumption level	%	42
3	Change in availability of agricultural implements/ tools etc.	No. per household	50

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
Deoghar	Madhupur	7	Arjunpur, Jitpur, Bengibishunpur	389	123	512

11.3. Details of Scheduled Caste Sub Plan (SCSP)

Sl.	**Activities**	**Physical Achievement**	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer	10	286
b.	Women	-	-
c.	Rural Youths	-	-
d.	Extension Personnel	-	-
2)	OFT	No. of OFTs	No. of beneficiaries
		0	0
3)	FLD	No. of FLDs	No. of beneficiaries
		7	163
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
		0	0
5)	Other activities		

a.	Participants in extension activities (No.)	151
b.	Production of seed (q)	5.00
c.	Production of Planting material (No. in lakh)	1000
d.	Production of Livestock strains (No. in lakh)	0.0500
e.	Production of fingerlings (No. in lakh)	0
FTSP	Testing of Soil, water, plant, manures samples (Nos.)	120

Name of KVK	NRM		Crop production		Livestock & Fisheries			Capacity Building		Extension Activ	
	Demonstrations	Area (ha)	Demonstrations	Area (ha)	Demonstrations	Area (ha)	No. of animals	No of Courses	Farmers	No. of programmes	Fa
Zone IV											
NA											

Photographs of SCSP & TSP Programme 2024-25

11.4. NICRA (Technology Demonstration component)

Overall achievements

Basic Information

KVKs Name	Districts data				NICRA Adopted village					
	RF (mm) district		Temperature ^{0}C		Dry spell/ drought			Intensive rain >60 mm	Flood	
	Normal	Received	Max.	Min.	> 10 days	> 15 days	> 20 days		Water depth (cm)	Duration (days)
NA										

Performances of demonstration of in-situ moisture conservation technologies

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
NA								

Performances of water harvesting and recycling for supplemental irrigation

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
NA								

Performance of ZTD in various crops

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

Performance of artificial ground water recharge technologies demonstrated

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
NA								

Performance of different water saving irrigation methods

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
NA								

Rainwater harvesting structures developed

New (Nos.)	Renovated (Nos.)	Total	Storage capacity (cu m)	Protective irrigation potential (ha)	Cropping Intensity (%) increase
NA					

Performance of different drought tolerant varieties

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
NA								

Performance of different short duration rice varieties

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
NA								

Performance of different flood tolerant varieties

FST type	Crop / season	Technology	No. of	Area	Yield	Economics of

	(name)	demonstrated	farmers	(ha)/ Unit	(q/ha)	demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR
NA								

Performance of advancement of planting dates in different crops

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
NA								

Performances of water saving technologies for rice cultivation

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
NA								

Integration of cropping system with other farming

FST type	Crop / season (name)	Fodder quantity (dry/ green) utilized for livestock	No. of farmers	Area (ha)/ Unit	Yield (q/ha))	% of reduced fodder purchase from outside
NA						

Performance of Community nurseries

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)	Coverage area (ha)	Economics of demonstration (Rs/ha)		
						CoC of nursery	NR from nursery	BCR
	Ragi	NA						
	Paddy							
	Vegetable (name)							
	Other							

CoC: Cost of cultivation (Rs.); NR: Net return (Rs.); BCR: Benefit cost ratio

Performance of different location specific intercropping systems

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
NA								

Performance of different crop diversification in NICRA villages

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

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
NA								

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
NA								

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
NA								

Performance of various vaccination camps organized

FST	Type of animal and Month	Technology demonstrated	No. of farmers covered	No. of animal covered			
					Less 1 yr calf	Heifer	Adult
		FMD	NA				
		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	NA				
		Swine flue					
		FMD					

For poultry

FST	Type of animal and Month	Technology demonstrated	No. of farmers covered	No. of animal covered			
					Chick (<9 weeks)	Growing chickens (9-20 week)	> 20 weeks
		Ranikhet disease	NA				
		Bird flu					

Performance of fish in the ponds/ water bodies

FST	Fish species	Technology demonstrated with dose rate	No. of farmers	Area (ha)/ Unit	Fish yield (q/ha)	Economics of demonstration (Rs/ha)		
						CoC	NR	BCR
NA								

Performance of livestock demonstration in NICRA adopted villages (Buffalo/ Cow)

FST type	Animal / season (name)	Technology demonstrated	No. of farmers	No. of animals/ unit	Milk yield (liters/ lactation)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR
NA								

Performance of livestock demonstration in NICRA adopted villages (Goat/ sheep/ Pig)

FST type	Animal / season (name)	Technology demonstrated	No. of farmers	No. of animals/ unit	Body wt. (Kg/ animal)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR
NA								

Performance of livestock demonstration in NICRA adopted villages (poultry)

FST type	Birds / season (variety/breed)	Technology demonstrated	No. of farmers	No. of birds/ unit	Body wt. (Kg / bird)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR
NA								

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
NA										

INSTITUTIONAL INTERVENTION

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

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
NA		

Extension Activities

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

NA

Soil Health Card prepared and distributed

KVK	No. of soil samples collected	No. of samples analysed	SHC issued	No. of farmers benefitted
NA				

Convergence Programe

KVK	Development Scheme /Programme	Nature of work	Amount (Rs.)
NA			

Dignitaries visited NICRA Villages

Name of KVK	Name of VIPs/Experts	Date of visit
NA		

Newspaper Coverage

Publication (Research Paper, Book, Technical bulletins Paper presented in national/ international seminars etc.)

Success Stories (1-2 nos.)

Name of PI & Co-PI List

Name of KVK	Name of PI	Name Of Co PI
NA		

Table: Capacity development (Training On-campus) organized under TDC-NICRA

S. No.	Title of the training course	Period of Training program	Duration	Participant No.		Category			
				Male	Female	General	OBC	ST	SC
NA									

Table: Capacity development (Training Off-campus) organized under TDC-NICRA

S. No.	Title of the training course	Period of Training program	Duration	Participant No.		Category			
				Male	Female	General	OBC	ST	SC
NA									

Table: Custom Hiring of Farm-Implement

Name of farm implement/ equipment	No. of farmers used Implement	Area covered by Farm Implement	Farm Implement used (In Hours)	Revenue generated by Farm Implement (Rs.)	Expenditure incurred on repairing (Rs.)

NA

Table: Village wise VCRMC

Village name	VCRMC Constitution date	VCRMC members (no.)		Meetings organized by VCRMC (no.)	Date of VCRMC meeting	Name of Secretary	Name of President	Major decision taken
		M	F					
NA								

Attachments: Good quality Photograph

11.5. Formation and Promotion of FPOs as Cluster Based Business Organization (CBBOs)

Name of State	Name of district	No. of blocks allocated	No. of FPOs registered as CBBO	Average no of members per FPO	No. of FPO received Management cost	No. of FPO received Equity Grant	Tech. backstopping provided to no. of FPOs	No. of training programme organized for FPOs for Technology backstopping as CBBO	Training received by FPO members (Y/N) If yes then major area of training	Assistance to no. of FPOs in economic activities	Is Business plan prepared for FPOs as CBBOs	Is Business plan prepared for FPOs as without CBBOs	No. Of FPOs doing business
NA													

Details of commodity-based organizations/ farmers' cooperative society/ FPO formed/ associated with KVK under NCDC funding

S.No	**Name of the FPO**	**Address of FPO**	**Registration No and Date**	**Proposed Activity**	**Commodity Identified**	**Total No. of BOM Members**	**Total no of farmers attached**	**Financial position (Rupees in lakh)**	**Success indicator**
NA									

11.6. Nutri-Sensitive Agricultural Resources and Innovation (NARI)

a. Overall achievement

No. of Nutri smart village developed	Total Area covered	Total No of OFT organized	Total No. of FLD organized	No. of training/capacity development programme	Total No. of farmers/ beneficiaries	No of Extension programmes	Total No. of farmers/ beneficiaries
NA							

b. Details of OFT/FLD

OFT		
Nutritional Garden	NA	
Bio-fortified Crops		
Value addition (in no. of Unit or no. of Enterprise)		
Other Enterprises (in no. of Unit or no. of Enterprise)		
	Area (ha/ no. of Unit/Enterprise)	**No. of farmers/ beneficiaries**
FLD	NA	
Nutritional Garden		
Bio-fortified Crops		
Value addition (in no. of Unit or no. of Enterprise)		
Other Enterprises (in no. of Unit or no. of Enterprise)		

c. Details of established Nutrition Garden in Nutri-Smart village

Sl.	Name of Nutri-Smart Village	Type of Nutrition Garden	Number	Area (sqm)	No. of beneficiaries
1.		Backyard/Kitchen Garden	NA		
2.		Community level			
3.		Terrace Garden			
4.		Vertical Garden			
TOTAL					

d. Details of Bio-fortified crops used in Nutri-Smart village

Name of Nutri-Smart Village	Season	Activity (OFT/FLD)	Category of crop (cereal/ pulses/oilseed/ fruits & veg./ others	Name of Crop	Variety	Area (ha)	No. of benefi-ciaries
NA							

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
NA				

f. Training programmes in Nutri-Smart village

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

g. Extension activities under NARI Project

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

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 person left the group	Total Viable 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)
NA																		

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	NA													
	Awareness														
	Demonstration														
	Other activities														

Training information

Tittle of Natural Farming training Programme	Date of Training	Venue of programme	Participants (Male)						Participants (Female)							Remarks/ Observation/Feedback Recorded
			GEN	OBC	SC	ST	Others	Total	GEN	OBC	SC	ST	Others	Total	**GT**	
NA																

Awareness programme information

Tittle of Natural Farming Awareness programme	Date of Awareness programme	Venue of programme	Participants (Male)						Participants (Female)							Remarks/Observation/Feedback Recorded
			GEN	OBC	SC	ST	Others	Total	GEN	OBC	SC	ST	Others	Total	**GT**	
NA																

Any other Programme /Activity organized for Natural farming promotion		
Name of the Innovative programme organized	**Significance of innovative programme**	**Remarks/Observation/Feedback Recorded**
NA		

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)
NA							

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**
NA							Plant height (cm)	NA	
							Other relevant parameter		
							Yield (q/ha)		
							Cost of cultivation (Rs/ha)		
							Gross Return (Rs/ha)		
							Net Return (Rs/ha)		
NA							B:C Ratio	NA	
							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
NA											Plant height (cm)	NA	NA
											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)
NA															

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)
NA															

Soil Parameter for Demo plot at Farmer's Field

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)
NA															

Soil Parameter for Non- Demo plot at Farmer's Field

Season	Crop	Before crop sowing	After harvesting

		p H	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)
NA															

Financial information

Budget Expenditure (Rs. in Rs)				
Name of activity	Number of activities organized	Budget sanction (Rs)	Budget expenditure (Rs)	Total Budget Expenditure (Rs)
Training	NA			
Awareness Programme				
Demonstration				
Miscellaneous				
Total				

Glimpses of various Activities (Good Quality Action Photographs)				
Name of activity	1	2	2	4
Training programmes	NA			
Awareness programmes				
Demonstrations (KVK/Farmer filed)				
Any other activities				

11.7 CRA (Climate Resilient Agriculture)

Technology demonstrated/ interventions	Cropping system	Farming System crop under demonstration			Area under Demonstration (in acre)			No. of farmers under demonstration			Category				Crop Yield (q/ha)			System productivity (q/ha)	Total return (Rs./ ha)	Yield obtained under Farmer Practices (q/ha)	Exposure visit (no.)	Number of farmers under exposure
		Kharif	**Rabi**	**Summer**	**Kharif**	**Rabi**	**Summer**	**Male**	**Female**	**Total**	**SC**	**ST**	**OBC**	**Gen**	**Kharif**	**Rabi**	**Summer**					
NA																						

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
1.	1050	105	12	258	12667	5

11.9 KSHAMTA

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

11.10 Agri-Drone

S. No.	Name of parameter	Details of parameter
1	Name of the project implementing centre (PIC)	**NA**
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	**NA**						
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
NA												

S.No	Item /Activity	Units	Quantity	No of beneficiaries
1	Training (Capacity building /skill development etc)		**NA**	**NA**
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 INDFROMATION

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
NA							

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	Training	Demo	Training
NA								

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
05.03.2024	Shilp Gram Auditorium, Nandanpahad, Deoghar	Dr. Trilochan Mahapatra, Chairperson Dr. D.K. Agarwal, Registrar General Mr. U.K. Dubey, Deputy Registrar Dr. Ravi Prakash, Technical Consultant Dr. DS Pilania, Technical Officer	758

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
30 days	30	10	364	31	405

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

Date/ Duration of Observation	Total No of Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
17 days	17	10	186	18	214

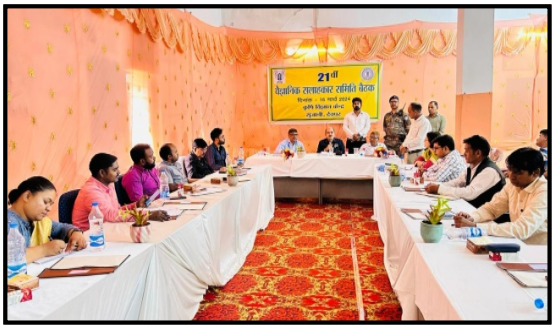
c. Details of total budget expenditure on Swachh activities including SAP

S.No	**Activities**	**No of village covered**	**Total Expenditure (Rs.in Lakhs)**
1.	Vermicomposting	2	Rs. 3,17,174=00
S.No	**Activities**	**Name of activities conducted**	**Total Expenditure**
1.	Activities under Swachata Other than vermicomposting	Swacchata Pledge, Awareness Programmes in Sujani village, Paglababa Ashram School, Cleaning of KVK campus	Rs. 23,545=00

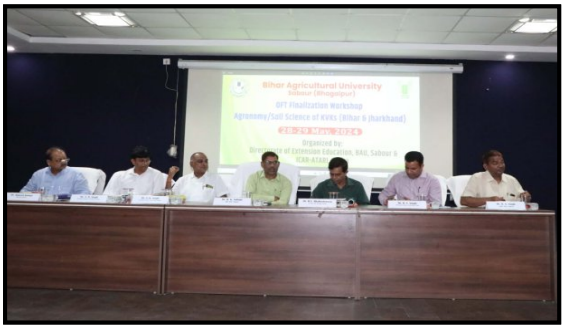
12.5 . Good quality action photographs with caption in JPEG FORMAT SEPARATELY of overall achievements of KVK during the year

PPVFRA Workshop

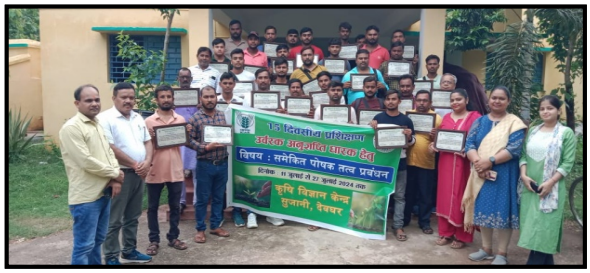
Stall Visit by Ex-DG, ICAR



SAC Meeting



OFT Finalization Workshop

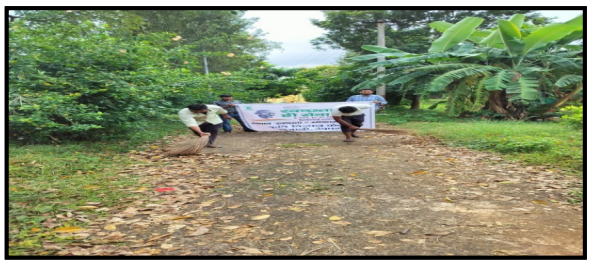


Certificate Course on INM for input dealers

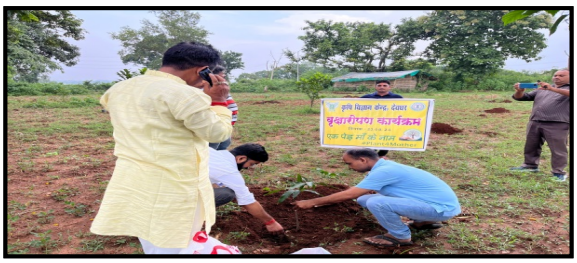
Annual Zonal Review Workshop

National Nutrition Month Campaign

Valedictory Session of Mali Training Prog.

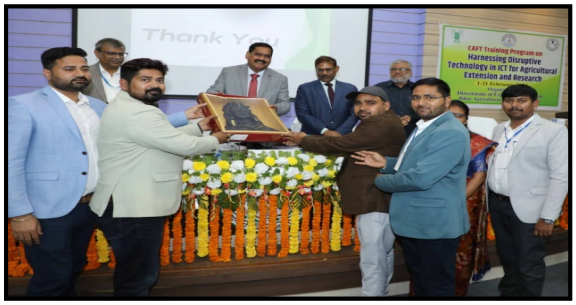


Swacchata Hi Sewa Campaign



Plantation Drive in KVK Campus

Training Programme under SAP



CAFT Training at BAU, Sabour

Electronic Media Coverage

Input Demonstration among farmers

***