

ANNUAL REPORT (2022)



SUBMITTED BY

**KRISHI VIGYAN KENDRA, PIPRAKOTHI,
EAST CHAMPARAN**

**Dr. RAJENDRA PRASAD CENTRAL
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PROFORMA FOR ANNUAL REPORT 2022(1st January - 31st December 2022)

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	
KVK, Piprakothi, P.O. + P.S- Piprakothi, East Champaran (Bihar), Pin- 845429	N/A	N/A	head.kvk.piprakothi@rpcau.ac.in

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	
Dr. Rajendra Prasad Central Agricultural University, Pusa, Samastipur, Bihar	06274-240-226	06274-240-255	vc@rpcau.ac.in

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Arvind Kumar Singh	KVK, Piprakothi	9473000861	head.kvk.piprakothi@rpcau.ac.in

1.4. Year of sanction of KVK: 05th June, 2006

1.5. Staff Position (as on 31st December 2022)

Sl. No.	Sanctioned post	Name of the Incumbent	Designation	Discipline	Pay Scale with Present Basic	Date of joining	Permanent/Temporary	Category (SC/ST/ OBC/ Others)
1.	Senior Scientist& Head	Dr. A. K. Singh	Senior Scientist & Head	Agronomy	131400-217100	03.07.2009	Permanent	Other
2.	Subject Matter Specialist	Mr. Anand Kumar	SMS	Crop Production	56100-177500	22.12.2017	Permanent	OBC
3.	Subject Matter Specialist	Dr. Naorem Bidyaleima Chanu	SMS	Horticulture	56100-177500	25-03-2022	Permanent	OBC
4.	Subject Matter Specialist	Dr. Shirsat Tejaswini Kapil	SMS	Agricultural Engg. (Soil & Water Engg.)	56100-177500	01.04.2022	Permanent	Other
5.	Subject Matter Specialist	Ms. Pragnya Priyadarshini Panda	SMS	Home Science	56100-177500	01.04.2022	Permanent	Other
6.	Subject Matter Specialist	Dr. Gayatri Kumari Padhi	SMS	Plant Protection (Entomology)	56100-177500	01.04.2022	Permanent	Other
7.	Subject Matter Specialist	Vacant						
8.	Programme Assistant	Vacant						
9.	Computer Programmer	Vacant						
10.	Farm Manager	Manish Kumar	Farm Manager	Forestry	35400-112400	22.05.2018	Permanent	OBC
11.	Accountant / Superintendent	Ghanshyam Kumar	Assistant	-	35400-112400	23.10.2017	Permanent	Other
12.	Stenographer	Mr Abhishek Kumar	Stenographer	-	25500-81100	19.02.2018	Permanent	Other
13.	Driver	Shri Ajay Kumar	Jeep Driver	-	21700-69100	04.03.2021	Permanent	OBC
14.	Driver	Mr. Sandeep Kumar	Tractor Driver	-	21700-69100	01.03.2021	Permanent	Other
15.	Supporting staff	Mr. Gaurav Kumar	Skill Supporting staff	-	18000-56900	01.03.2021	Permanent	OBC
16.	Supporting staff	Shri Vipin Kumar	Skill Supporting staff	-	18000-56900	10.03.2021	Permanent	Other

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)
1.	Under Buildings	2.0
2.	Under Demonstration Units	0.8
3.	Under Crops	4.8
4.	Orchard/Agro-forestry	0.4
5.	Others with details	00
	Total	8.00

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
1.	Administrative Building					Yes	548	Under use	ICAR, New Delhi
2.	Farmers Hostel					Yes	1268	Under use	ICAR, New Delhi
3.	Staff Quarters (6)					Yes	1900	Under use	ICAR, New Delhi
4.	Piggery unit	✓							
5.	Fencing					Yes		Under use	ICAR, New Delhi
6.	Rain Water harvesting structure					Yes		Under use	
7.	Threshing floor					Yes	408	Under use	ICAR, New Delhi
8.	Farm godown					Yes	231	Under use	ICAR, New Delhi
9.	Dairy unit					Yes	900	Under use	NDRI, Karnal
10.	Poultry unit					Yes			
11.	Goatary unit					Yes			
12.	Mushroom Lab					Yes	18	Under use	RKVY
13.	Mushroom production unit					Yes	500	Under use	ATARI, Patna
14.	Shade house					Yes		Under use	Sansad Fund
15.	Soil test Lab					Yes	30	Under use	ICAR New Delhi
16.	Jaggery Processing unit					Yes	1000	Under use	IISR, Lucknow

17.	Bee Box Manufacturing Unit					Yes	900	Under use	NBB, New Delhi
18.	High Tech Bamboo Nursery					Yes	1200	Under use	CBTC, Assam
19.	Food Processing Unit					Yes	176.5	Under use	ICAR, New Delhi
20.	Bamboo Processing unit					Yes	1500	Under use	CBTC, Assam
21.	Azolla Unit					Yes	3.37	Under use	DRPCA, Pusa
22.	Vermi Compost Unit					Yes	12	Under use	DRPCA, Pusa
23.	Polyhouse Unit					Yes	2400	Under use	NHB
24.	Shade Net					Yes		Under Use	NHB
25.	Lemon demo Unit					Yes	200	Under use	CCRI, Nagpur
26.	Integrated Farming System Unit					Yes	10000	Under use	ICAR, New Delhi
27.	Mist Chamber					Yes	13.93	Under use	
28.	Seed Sale Counter and Exhibition Center					Yes		Under Use	
29.	Solar System					Yes	-	Under Use	DRPCA, Pusa
30.	Distillation Unit					Yes		Under Use	CSIR-IIIM, Jammu
31.	Hatchery Unit					Yes		Under Use	
32.	Micro Irrigation System (Sprinkler)					Yes	-	Under Use	PMKSY

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Bolero	2019	6.50 Lakh	81948	Good
Tractor	2006	5.0 lakh		Needs repairing
Tractor	2019	7.0 Lakh		Functioning well
Motor Cycle (02)	2017		45638	Good

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Laminar air flow	2017		Good	NBB
Autoclave	2015	2450.00	Good	ATMA
Deep Freezer	2017		Good	NBB

Centrifuge	2017		Good	NBB
Honey Processing Machine	2017		Good	NBB
Wax Sheet Making Machine	2017		Good	NBB
Domestic floor mile	2017			
Oven Tester Griller	2016	3200.00	Good	ICAR
Sieving machine	2016	24000.00	Good	ICAR
Hand Maize Sheller -10	2013	500.00	Good	ICAR
b. Farm machinery				
Reaper	2018		Good	ICAR
Knapsack Sprayer- 02	2014		Good	ICAR
Pump set	2014		Good	ICAR
Zero Tillage Machine	2010		Good	ICAR
Paddy Transplanter	2013		Good	ICAR
Multi Crop Thresher	2016		Good	ICAR
Multi Cop Sowing Machine	2010		Good	ICAR
Seed Processing Machine	2010	1900000.00	Good	RKVY
Mobile Seed Processing Unit	2018	1485000.00	Good	Seed Hub
Mini Dal Mill	2019		Good	ICAR
Mini Rice Mill	2019		Good	ICAR
Self Propelled Reaper Cum Binder	2019		Good	ICAR
c. AV Aids				
Computer-03	2008& 18	100000.00	Good	ICAR
Laptop-2	2009	60000.00	Good	ICAR
Sony Handy cam	2008	25000.00	On the stage of repairing	ICAR
Printer-03	2009	35000.0	On the stage of repairing	ICAR
Digital photocopier	2010	60000.00	On the stage of repairing	ICAR
Camera	2009	20000.00	On the stage of repairing	ICAR
CCTV	2017		Good	ICAR
Projector - 02	2015, 2019		Good	ICAR
Sound, Mice, Transistor - 02	2015, 2019		Good	ICAR
AC - 05	2017		Good	ICAR
D. Others				
Flour Mill	2019		Good	ICAR
Sewai machine	2019		Good	ICAR
Drayer	2019		Good	ICAR
Atta guthane ka machine	2019		Good	ICAR

Grinder machine	2019		Good	ICAR
Mixture machine	2019		Good	ICAR
Papad machine	2019		Good	ICAR
Seal machine	2019		Good	ICAR
Packging machine	2019		Good	ICAR
Potato slicer	2019		Good	ICAR
Potato peeling machine	2019		Good	ICAR
Deep Frayer	2019		Good	ICAR
Banana chip machine	2019		Good	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Cultivator	2006	21635	Good	ICAR
MB Plough	2006	16058	Good	ICAR
9 Tyne cultivator	2006	9423	On the stage of repairing	ICAR
Hydraulic trailer	2006	62500	On the stage of repairing	ICAR
Leveler	2006	7692	On the stage of repairing	ICAR
Cage wheel	2006	5192	Good	ICAR
Battery operated Knapsack sprayer 16 lit.	2016	4400.00	Good	ICAR
Rotavator	2010		Good	ICAR
Rain Gun	2018		Good	DRPCA, Pusa
Paddy Transplanter	2013		Good	ICAR
Disc Harrow			Good	ICAR
Moisture Meter	2013		Good	ICAR
Tensiometer	2019		Good	ICAR
Cycle Hoe	2019	3500	Good	ICAR
RAU Weeder	2019		Good	ICAR
Laser Land Leveler	2019		Good	ICAR
Disc Plough	2019		Good	ICAR
Boom Sprayer	2019		Good	ICAR
Rice- Wheat Seeder	2021		Good	Govt. of Bihar

1.8. Details SAC meeting* conducted in the year (Not Conducted)

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	Nil				

* Salient recommendation of SAC in bullet form

Attach a copy of SAC proceedings along with list of participants

2.a. District level data on agriculture, livestock and farming situation (2022)

Sl.No.	Items	Information	
1	Major Farming system/enterprise	Upland:(i) Rice - Wheat (ii) Rice - Tori/Potato/Lentil (iii) Maize – Wheat (iv) Maize-Potato Medium Land: (i) Rice - Wheat (ii) Sugarcane - Sugarcane + Moong (iii) Sugarcane + Lentil Low Land: (i) Rice -Wheat	
2	Agro-climatic Zone	East Champaran district comes under north-west alluvial plain zone of middle Gangatic region of Zone-I. The district lies in the Middle-Gangatic Plain with subtropical climate characterized by hot summer, wet monsoon and dry winter. The average annual rainfall is 1242 mm. The Maximum temperature varies from 25 to 35 ⁰ C but during summer months the temperature may go up to 46 ⁰ C or even more with hot westerly winds from March to June. The Minimum temperature varies from 4-5 ⁰ C. The relative humidity at 7 AM varies from 50 to 60% in summer months, which goes up to 90 % or more during monsoon and winter.	
3	Agro ecological situation	North west alluvial plains	
4	Soil type	Sandy loam and Loam	
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	• Paddy - 28 q/ha • Wheat - 26 q/ha • Sugarcane - 384 q/ha	• Maize - 54 q/ha • Lentil - 12 q/ha • Pigeon Pea - 15 q/ha
6	Mean yearly temperature, rainfall, humidity of the district	Temperature- 45 ⁰ C (Max.), 5 ⁰ C (Min.) Rainfall- 1242 mm	
7	Production of major livestock products like milk, egg, meat etc.	Upland: (i) Rice - Wheat (ii) Rice - Tori/Potato/Lentil (iii) Maize – Wheat (iv) Maize-Potato Medium Land: (i) Rice - Wheat (ii) Sugarcane - Sugarcane + Moong (iii) Sugarcane + Lentil Low Land: (i) Rice -Wheat	

Note: Please give recent data only

2.b. Details of operational area / villages (2022)

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.	Piprakothi	Piprakothi	Surajpur, Jamuniya	Lentil seed production	Lack of quality seed	Promotion of HYV and IPM in major crops
2.	Sangrampur	Sangrampur	Bariyariya	Paddy, Wheat, Pulses	Lack of quality seed, time of insect pest management	Promotion of HYV and IPM in major crops, RCT
3.	Kotwa	Kotwa	Jasauli Patti	Paddy, Wheat, Pulses and Sugarcane	Lack of quality seed, Lack of assured irrigation system	Promotion of HVY, RCT and Efficient irrigation methods
4.	Mehasi	Mehasi	Bishunpur	Paddy, Wheat, Pulses, Bee Keeping, Horticultural crops: litchi, Mango. Bee Keeping	Lack of quality seed, New technique	Promotion of HYV, Bee Keeping
5.	Kalyanpur	Kalyanpur	Khora	Paddy, Wheat, Pulses	Lack of quality seed, New technique	Promotion of HYV, RCT
6.	Chakiya	Chakiya	Khairimal	Wheat, Sugarcane, Maize	Use of local seeds, Top borer in s/c	Promotion of HYV and IPM in major crops
7.	Kotwa	Kotwa	Barharwakothi	Wheat, Sugarcane, Rice,	Use of local seeds and seed material, no seed treatment	Promotion of HYV, Good cropping scheme, ZT wheat and DSR
8.	Piprakothi	Piprakothi	Belwatiya	Vegetable, Rice, Wheat, Moong	Use of local seed no seed treatment, use of higher dose of fertilizer, Mismanagement of irrigation	Promotion of HYV, Good cropping scheme, Zero tillage, DSR, Promotion of improved irrigation system
9.	Chakiya	Chakiya	Bara Gobind	Paddy, wheat, Arhar, oil seed and Vermi compost production	Use of local seeds, Mixed cropping	Promotion of HYV, Good cropping scheme, zero tillage, DSR
10.	Motihari	Motihari	Chandrahiya	Rice, Wheat, oilseed, Mushroom	Stem borer, Aphids	Integrated Pest Management

11.	Madhuvan	Madhuvan	Madhopur	Rice, Wheat, oilseed, Bee Keeping	Use of local seed , no seed treatment, use of higher dose of fertilizer	Promotion of Bee Keeping
12.	Piprakothi	Piprakothi	Bisanpur	Rice, Wheat, oilseed, Mushroom, Vegetable	Use of local seed, no seed treatment, use of higher dose of fertilizer, Lack of assured irrigation	Promotion of HYV, Good cropping scheme, Zero tillage , DSR, Promotion of Micro Irrigation system.
13.	Chakia	Chakia	Bairiya	Wheat, Oilseed, Pulse, Rice, Maize	Lack of quality seed, New technique	Promotion of HYV, Climate Resilient Technologies
14.	Kalyanpur	Kalyanpur	Madhopur Govind	Wheat, Oilseed, Pulse, Rice, Potato, Maize	Lack of quality seed, New technique	Promotion of HYV, Climate Resilient Technologies
15.	Pakadidayal	Pakadidayal	Chaita	Pulse	Lack of quality seed, IPM, INM, Seed treatment	Promotion of HYV, IPM and INM, Bio-fertilizers
16.	Kalyanpur	Kalyanpur	Mani Chapra	Organic farming	Use of excessive chemical fertilizers	Vermi compost, Compost, Bio-fertilizers
17.	Chakia	Chakia	Parsurampur	Rice, wheat, Sugarcane, Potato	Poor Planting material or seeds	Quality planting material generation from pvt. and public sector
18.	Kesariya	Kesariya	Sarotar	Litchi, mango, wheat, Paddy, maize	Poor canopy management, orchard floor management and flower regulation	Promotion on regular pruning, intercropping (Ginger & turmeric) and flower regulation with paclobutrazol
19.	Chakia	Chakia	Jamunia	Paddy, Wheat, Sugarcane, Maize, Fruits	Use of local seeds, Yellow Stem Borer in Rice, Red Rot in Sugarcane	IPM in major crops
20.	Kotwa	Kotwa	Jasauli Patti	Paddy, Wheat, Pulses and Sugarcane	Stem Borer in Rice, False Smut, Red Rot, Not assured irrigation System	IPM in major crops
21.	Motihari	Motihari	Chandrahiya	Paddy, Wheat, Oilseed, Vegetables, Mushroom	Stem borer, False Smut of Rice, Aphids, Fruit Borer	Integrated Pest Management

2. c. Details of village adoption programme:

Name of the villages adopted by Sr. Scientist & Head and SMS (in year 2022) for its development and action plan

Name of village	Block	Action taken for development
Paltu Belwa	Kalyanpur	Crop Residue Management, Farm mechanization, FLD
Jamunia	Chakia	INM, HYV of Wheat, Red Rot resistance variety of sugarcane, OFT, FLD, CFLD
Mani Chapra	Kalyanpur	Organic farming, CFLD
Semra	Piprakothi	Animal Production, CFLD
Pipradih	Piprakothi	Nutritional garden, Mushroom production and value addition, FLD and OFT
Karariya	Kotwa	Resource conservation technologies, FLD and OFT
Hasanpur, Parsurampur	Chakia	Natural Farming on wheat and vegetables
Jasolipatti	Kotwa	Natural Farming on Potato
Balwa	Chakia	FLD vegetables
Sarotar	Kesariya	Exotic fruits cultivation, FLD vegetables, Natural Farming
Jamunia	Chakia	IPM-Pheromone trap
Jasauli Patti	Kotwa	IPM-Pheromone trap

2.1 Priority thrust areas

S. No	Thrust area
1.	Introduction of HYV of cereals, pulses, oil seeds, vegetables and fruits
2.	Identification of insect, pest and application of IPM measure as well as other chemical control measures
3.	Production and distribution of quality seeds and planting materials
4.	Emphasis on resource conservation technologies
5.	Formation of Social group and making its entrepreneur
6.	Promotion of organic Farming and vermi-composting
7.	Promotion of horticulture for making the rural youth self-employed
8.	Promotion of small equipment's and tools for drudgery reduction
9.	Promotion of efficient irrigation techniques for water conservation
10.	Post-harvest losses management and storage structures
11.	Promotion of value addition to enhance earnings
12.	Promotion of crop residue management through farm mechanization
13.	Promotion of solar pumps for irrigation
14.	Promotion of groundwater recharge through rural groundwater recharge structures
15.	Promotion of Micro Irrigation system (Drip and Sprinkler)
16.	Promotion of climate resilient technologies for sustainable crop production
17.	Promotion of intercropping in orchards and sugarcane

3. TECHNICAL ACHIEVEMENTS

3.1. Summary details of target and achievement of mandatory activities by KVK during the year 2022

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
10	10	70	0 5	0 2	0 1	0 1	43	18	4 9	2 1	7 0	12	10	290	6 5	1 4	0	0	1 9 1	2 5	2 5 6	3 9	2 9 5

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
204	200	3156	45 6	12 9	56	3 6	15 23	14 67	20 35	16 32	36 67	1407	1509	12750	77 89	96 7	0	0	25 69	22 41	1 0 3 5 8	3 2 0 8	1 3 5 6 6

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
385	584	44	13	0	0	474	53	518	66	584											

Seed production (q)											Planting material (in Lakh)										
Target					Achievement						Target					Achievement					
200					236.4						0.40					0.49					

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
		0.01	0.0083

* Give no. only in case of fish fingerlings

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper	3	3	3	5.79		Best Poster Presentation Award	Potential of Different fruit based Agroforestry models for improving Socio-economic Strata in Humid and Sub-tropical region of India
Seminar/conference/ symposia papers	6	6					
Books	01						
Bulletins	105						
News letter	20						
Popular Articles	11						
Book Chapter	01						
Extension Pamphlets/ literature	06						
Technical reports	09						
Electronic Publication (CD/DVD etc)	0						
TOTAL	162						

3.1.1. Achievements on technologies assessed and refined

(Year: 2021-22)**1. OFT (Agricultural Engineering)**

1.	Title of On farm Trial	Evaluation of the performance of improved tillage practices in Wheat crop (2nd year)
2.	Problem diagnosed	Reduce Cost of Cultivation Management of Crop residue
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP : Conventional tillage (2 harrowing + 2 ploughing) + Broadcasting TO ₁ : Reduced Tillage (1 harrowing + 1 ploughing) + Line sowing with Zero till cum ferti seed drill TO ₂ : Sowing with zero till cum ferti seed drill (No Till or Zero tillage) TO ₃ : Sowing with Happy Seeder (No Till)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	SVPUA&T, Meerut
5.	Production system and thematic area	Farm Mechanization
6.	Performance of the Technology with performance indicators	• Cost of cultivation • Growth of Root zone • Number of irrigation • Yield
7.	Final recommendation for micro level situation	TO ₂ [Sowing with zero till cum ferti seed drill (No Till or Zero tillage)] was found most effective which provided maximum yield (49.88 q /ha) as well as highest B:C ratio (2.85).
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Field visit Face to face conversation.

Table: Performance of improved tillage practices in Wheat crop (2nd Year)

Technology options	No. of Trials	No. of Effective tillers	No. of Plants in Per sq m	Plant Height (cm)	yield (q/ha)	No. of Irrigation	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	B:C ratio
FP : Conventional tillage (2 harrowing + 2 ploughing) + Broadcasting	07	3	82	95.2	35.42	2	35000	67298	32298	1.92
TO₁ : Reduced Tillage (1 harrowing + 1 ploughing) + Line sowing with Zero till cum ferti seed drill		4	88	97.6	45.47	3	32850	86393	53543	2.63
TO₂ : Sowing with zero till cum ferti seed drill (No Till or Zero tillage)		6	96	101.4	49.88	3	30350	94772	64422	3.12
TO₃ : Sowing with Happy Seeder (No Till)		5	90	101.1	47.23	3	31450	89737	58287	2.85

2. OFT (Home Science)

1.	Title of On farm Trial	Assessment of preparation method of litchi squash.
2.	Problem diagnosed	Lack of knowledge in preservation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	F.P: Sell fruits to processors at very low or throw away price TO I:: Process for preparation of litchi squash Formulation (Product specifications) Litchi pulp: 25%, TSS: 40°B, Acidity : 0.8%, 350 ppm SO ₂ T.O.-2: Process for preparation of litchisquash Formulation (Product specifications) Litchi pulp: 25%, TSS: 45°B, Acidity :1.2%, 350 ppm SO ₂
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	College of Community Science, RPCAU, Pusa
5.	Production system and thematic area	Value addition
6.	Performance of the Technology with performance indicators	• TSS (Refractometer) • Acidity (Titration with 0.1N NaOH) Sensory score (9-point Hedonic scale)
7.	Final recommendation for micro level situation	The Panel of 10 Judges comprising of faculty members and young professionals of KVK, Piprakothi were selected for the evaluation of the Litchi Squash. As per their sensory evaluation (9 point Hedonic Scale) over all acceptability of the T. O. 1 is better than T. O. 2.
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	i. Field visit Face to face conversation.

Table: Sensory Characteristics of Litchi Squash

Hedonic Scale (9 Point)	No. of Trials	T. O. I				T. O. II			
		Color	Aroma	Taste	Overall Acceptability	Color	Aroma	Taste	Overall Acceptability
Like Moderately	30	02	03	00	00	02	01	01	01
Like Very Much		03	02	04	04	03	06	04	05
Like Extremely		05	05	06	06	05	03	05	04

Note:- Digit in table indicates number of Judge

3. OFT (Horticulture)

1.	Title of On farm Trial	Effect of stagger planting of Gladiolus for better bloom
2.	Problem diagnosed	Lower size of spike & low yield of corms and inferior quality of flowers.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmer Practice: 30 cm x 30 cm Technological Option 1: 30 cm x 20 cm Technological Option 2: 20 cm x 20 cm Technological Option 3: 20 cm x 15 cm
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	RPCAU, Pusa
5.	Production system and thematic area	Commercial Floriculture
6.	Performance of the Technology with performance indicators	Yield (Spike in Lakh/ha), % Increase in yield, Cost of cultivation in lakh, Gross return, Net return, B:C ratio
7.	Final recommendation for micro level situation	Technological option- I recorded maximum spikes Production (1.99lakh/ha) that was 0.43% higher yield as in compare to farmer practice having maximum BC ratio (1.43).

8.	Constraints identified and feedback for research	Lack of quality bulb supply
9.	Process of farmers participation and their reaction	

Table:

Treatments	No. of Trials	Yield (Spike in Lakh/ha)	% Increase in yield	Cost of cultivation (Rs /ha) in lakh	Gross return (Rs/ha) in lakh	Net return (Rs/ha) in lakh	B:C ratio
Farmers' Practice 30 cm x 30 cm	05	1.56		4.10	4.68	0.58	1.14
Technological option I 30 cm x 20 cm		1.99	0.43	4.15	5.97	1.82	1.43
Technological option II 20 cm x 20 cm		1.91	0.35	4.16	5.73	1.57	1.37
Technological option III 20 cm x 15 cm		1.87	0.31	4.17	5.61	1.44	1.34

4. OFT (Horticulture)

1.	Title of On farm Trial	Induction of regular and early flowering in Mango through Paclobutrazol
2.	Problem diagnosed	Irregular bearing in Mango.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmer Practice:)- Without use of cultar Technological Option 1: Use of cultar @ 20 ml/tree Technological Option 2: Use of cultar @ 30 ml/tree
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	JAU, Gujarat
5.	Production system and thematic area	Orchard management
6.	Performance of the Technology with performance indicators	No. of Fruits per plant, Advance in flowering , Yield , economics
7.	Final recommendation for micro level situation	Treatment TO-II (Use of cultar @ 30 ml/tree) recorded maximum yield per tree (91.65 kg) and over all yield per hectare (113.89 q/ha) with maximum BC ratio (2.59).
8.	Constraints identified and feedback for research	High price of cultar

9.	Process of farmers participation and their reaction	
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Technological options	No. of Trials	No. of Fruits per plant	Advance in flowering (days)	Yield (kg/Tree)	Yield (q/ha)	Cost of cultivation (Rs /ha)	Gross return (Rs/ha)	Net return (Rs/ha)	B:C ratio
Farmers' Practice	05	276.50		52.36	64.92	85000	194760	109760	1.29
Without use of cultar									
Technological option I		289.65	12.74	86.85	107.69	93000	323070	230700	2.47
Use of cultar @ 20 ml/tree									
Technological option II	05	309.25	15.20	91.65	113.89	95000	341670	246670	2.59
Use of cultar @ 30 ml/tree									

5. OFT (Agro meteorology)

1.	Title of On farm Trial	Economic Assessment of Weather Based Agromet Advisories for Rice crop, East Champaran District
2.	Problem diagnosed	Lack of knowledge to use Weather forecast and Agromet Advisories.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers' Practice: Cultivation practices without referring Weather forecast and Agromet Advisories. TO I: Cultivation practices with referring Weather Forecast only. TO II: Cultivation practices after referring Weather Forecast and Agromet Advisories.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	India Meteorological Department, New Delhi
5.	Production system and thematic area	Weather based Agro-Advisory Bulletins and Agrometeorology
6.	Performance of the Technology with performance indicators	Weather based Agro-Advisory Bulletins are very much beneficial for the sustainable crop production.
7.	Final recommendation for micro level situation	Cultivation practices after referring Weather Forecast and Agromet Advisories) was recorded maximum yield and highest BC ratio.
8.	Constraints identified and feedback for research	Economic Assessment of Weather Based Agromet Advisories for other crops is also needed.
9.	Process of farmers participation and their reaction	Farmers are willing to synchronies farm activities according to prevailing weather situations

Table:

Technological options	Yield (q/ha)	Biomass (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Farmers' Practice Cultivation practices without referring Agromet Advisories.	33.45	43	45450	63630	18180	1.40
Technological option I Cultivation practices with referring Weather Forecast only.	37.50	52	41400	70380	28980	1.70
Technological option II Cultivation practices after referring Weather Forecast and Agromet Advisories.	42.20	63	43620	86200	42580	1.98

Results: Cultivation practices after referring Weather Forecast and Agromet Advisories) was recorded maximum yield and highest B: C ratio.

(Year: 2022-23)

1. OFT (Crop Production)

1.	Title of On farm Trial	Organic cultivation package in Cauliflower
2.	Problem diagnosed	Excessive use pesticides in cauliflower cultivation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmer Practice: Application of 5 MT FYM/ha + 32kg N + 23kg P₂O₅ + 15kg K₂O/ha through inorganic source Technological Option 1: Application of 5 MT FYM + 25% of RDF (NPK) through organic source Technological Option 2: Seed and seedling treatment with Beejaamrit + 3 spray of Jeevaamrit at 21 days interval + application Ghanjeevaamrit @ 1q/ha as basal application and 30 DAS
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Ram Krishna Mission, KVK, Ranchi & National Centre on Organic Farming, Ghaziabad
5.	Production system and thematic area	Natural farming
6.	Performance of the Technology with performance indicators	Soil data before and after (pH, EC, OC, NPK,), Yield data (Q/ha)
7.	Final recommendation for micro level situation	-

8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	-

2. OFT (Crop Production)

1.	Title of On farm Trial	Improvement of Nitrogen use efficiency in wheat.
2.	Problem diagnosed	Excessive use of chemical fertilizer and Spiraling price of urea leads to increase in cost of cultivation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmer Practice: RDF (100:40:20) Kg/ha Technological Option 1: 50% of RDN & 100% PK + nano urea @4ml/lt. water (Single spray at 35 DAS). Technological Option 2: 50% of RDN & 100% PK + 2 sprays of Nano Urea at (35 DAS) and (60-65DAS) @ 4 ml/lt water.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Ram Krishna Mission, KVK, Ranchi & National Centre on Organic Farming, Ghaziabad
5.	Production system and thematic area	Nutrient Management
6.	Performance of the Technology with performance indicators	Soil data before and after (pH, EC, OC, NPK,), Yield data- No. of effective tillers/ m2 1000 grain wt. Panicle wt. Straw yield Economics
7.	Final recommendation for micro level situation	-
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	-

3. OFT (Agrometeorology)

1.	Title of On farm Trial	Economic Assessment of Weather Based Agromet Advisories for Wheat crop, East Champaran District
2.	Problem diagnosed	• Lack of knowledge to use Weather forecast and Agromet Advisories.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers' Practice: Cultivation practices without referring Weather forecast and Agromet Advisories. TO I: Cultivation practices with referring Weather Forecast only. TO II: Cultivation practices after referring Weather Forecast and Agromet Advisories.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	India Meteorological Department, New Delhi
5.	Production system and thematic area	Weather based Agro-Advisory Bulletins and Agrometeorology
6.	Performance of the Technology with performance indicators	Weather based Agro-Advisory Bulletins are very much beneficial for the sustainable crop production. Grain and biomass yield of the paddy crop is increased significantly.
7.	Final recommendation for micro level situation	Crop Standing
8.	Constraints identified and feedback for research	Economic Assessment of Weather Based Agromet Advisories for other crops is also needed.
9.	Process of farmers participation and their reaction	Farmers are willing to synchronise farm activities according to prevailing weather situations

4. OFT (Agricultural Engineering)

1.	Title of On farm Trial	Assessment of Cut Off ratio in wheat irrigation
2.	Problem diagnosed	• Lack of effective irrigation water management • Squat awareness on suitable intervention for water saving
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: 100% Irrigation TO₁: Irrigation at 90% cutoff TO₂: Irrigation at 80% cutoff
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	DRRPCAU and BAU Bihar
5.	Replication	7
6.	Production system and thematic area	Farm Mechanization

7.	Performance of the Technology with performance indicators	• Water applied (cubic meter/ha) • Water Saving • Yield • Water Use Efficiency • B:C Ratio
8.	Final recommendation for micro level situation	New OFT
9.	Constraints identified and feedback for research	On-going (1 st Year)
10.	Process of farmers participation and their reaction	• Field visit • Face to face conversation.

5. OFT (Agricultural Engineering)

1.	Title of On farm Trial	Assessment of Happy seeder for wheat sowing under crop residue management
2.	Problem diagnosed	• Reduce Cost of Cultivation • Management of Crop residue
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Broadcasting (in tilled condition) TO₁: Sowing of wheat by Zero Till drill TO₂: Sowing of wheat Happy Seeder incorporating the crop residue
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	DRRPCAU SVPUA&T, Meerut
5.	Replication	7
6.	Production system and thematic area	Farm Mechanization
7.	Performance of the Technology with performance indicators	• Growth Parameters • Yield Parameters • Cost of cultivation • B:C Ratio
8.	Final recommendation for micro level situation	New OFT
9.	Constraints identified and feedback for research	On-going (1 st Year)
10.	Process of farmers participation and their reaction	• Field visit • Face to face conversation

6. OFT (Home Science)

1.	Title of On farm Trial	Low-cost Complimentary Food Mix for combating malnutrition among 6-12 months old children
2.	Problem diagnosed	Lack of knowledge about complimentary food and stage of weaning which results in poor health status of infants
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Breast feeding + Normal Home diet after 6 months TO₁: Wheat (Malt)-60 gm, Green gram roasted-20 gm, Groundnut roasted-10gm, Milk Powder-5 gm, Sugar-05gm TO₂: Breast feeding with ordinary home diet after 6 months+ Bal-Ahar complimentary food mix Formulation of Bal-Ahar: (100gm) Wheat Flour- 50 gm, Green gram flour- 10 gm, Sugar-15 gm, Milk Powder- 20 gm, Ghee- 05 gm
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	RPCAU, Pusa
5.	Replication	07
6.	Production system and thematic area	Nutrition and Health
7.	Performance of the Technology with performance indicators	Assessment of Nutritional Status (Height, Weight, Weight for Height), Organoleptic evaluation, Shelf life
8.	Final recommendation for micro level situation	New OFT
9.	Constraints identified and feedback for research	On-going (1 st Year)
10.	Process of farmers participation and their reaction	Field visit Face to face conversation

7. OFT (Home Science)

1.	Title of On farm Trial	Assessment of preparation methods of Mushroom Pickle for more shelf life, enhancement of nutrition and income
2.	Problem diagnosed	Distress Sale and low income due to short shelf life
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Sale of Fresh Mushroom without any value addition TO₁: Process of preparation for Mushroom Pickle Formulation (Product specifications) Mushroom- 250 gm, Red Chilli Powder- 1 spoon, Mustard Powder- 1 spoon, Cumin seed powder- 2 spoon, fenugreek powder- ½ tsp, Turmeric powder- 1 spoon, Glacial acetic acid- 10 ml, Refined oil- 50 ml, Salt- 30 gm TO₂: Process of preparation for Mushroom Pickle Formulation (Product specifications) Fresh mushroom-1000 gm, Turmeric powder-20 g, Black mustard seed powder- 35 g, red chilli powder- 10 g, cumin seed powder-1.5 g, carom seed-10 g, nigella seed (kalonji)-10 g, fennel seed powder-1.5 g, mustard oil- 200 ml, 0.05% KMS solution, 10% sodium chloride,

		Acetic acid-5 ml and sodium benzoate- 2.5 gm
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO-I: RPCAU, Pusa TO-II: ICAR- Directorate of Mushroom Research, Chambaghat, Solan, Himachal Pradesh
5.	Replication	07
6.	Production system and thematic area	Value addition
7.	Performance of the Technology with performance indicators	Sensory Evaluation, Shelf life, B:C ratio
8.	Final recommendation for micro level situation	New OFT
9.	Constraints identified and feedback for research	On-going (1 st Year)
10.	Process of farmers participation and their reaction	Face to face conversation

7. OFT (Horticulture)

1.	Title of On farm Trial	Assessment of microbial consortia against wilting in Solanaceous crops (Brinjal)
2.	Problem diagnosed	Wilt persisted as the major biotic stress in Brinjal among the farmers of East Champaran, Bihar
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmer Practice: Application of Chemical fungicides Technological Option 1: Application of IIHR Consortia (Arka microbial consortia) Technological Option 2: NRC litchi consortia
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	IIHR, Bengaluru, Karnataka and NRC Litchi, Muzaffarpur, Bihar
5.	Production system and thematic area	Biological management of Diseases
6.	Performance of the Technology with performance indicators	Initial plant population, First wilt incidence, Wilting percentage at 15, 30, 45, 60 and 75 DAT, Yield (q/ha), Economics
7.	Final recommendation for micro level situation	New OFT
8.	Constraints identified and feedback for research	On-going (1 st Year)
9.	Process of farmers participation and their reaction	

8. OFT (Horticulture)

1.	Title of On farm Trial	Assessment of fruit bagging in Guava for quality improvement
2.	Problem diagnosed	High Fruit fly damage resulting in poor quality fruits
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmer Practice: No bagging Technological Option 1: Cellophane bag cover Technological Option 2: paper bagging
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	IARI, New Delhi
5.	Production system and thematic area	Qualitative enhancement in Guava fruit
6.	Performance of the Technology with performance indicators	Days to maturity, Fruit fly damage (%), Disease incidence (%), Physical damage (%), Fruit weight (g), Appearance pulp colour, Shelf life (days), yield per tree or per hectare, Economics
7.	Final recommendation for micro level situation	New OFT
8.	Constraints identified and feedback for research	On-going (1 st Year)
9.	Process of farmers participation and their reaction	

9. OFT (Plant Protection)

1.	Title of On farm Trial	Integrated pest management of litchi fruit borer (<i>Conopomorpha sinensis</i>)
2.	Problem diagnosed	Lower fruit yield of Litchi due to fruit borer infestation.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmer practice: Either untreated or spray of any insecticide as per suggestion of other farmer or input dealers. TO1: National Research Centre on Litchi • Two sprays of systemic insecticide viz., Imidacloprid 17.8 SL @0.5-0.7 ml/lit during September at 15 days interval on emerging shoots. • Spray of NSKE before flowering to avoid egg laying. • Spray of Novaluron 10 EC @1.5 ml/lit at clove size. • Spray of Emamectin Benzoate 5 SG (0.4g/l) during aril (pulp) development stage. • Last spray of Novaluron 10 EC @1.5 ml/l at about 10 days before expected fruit harvesting. TO2:RPCAU • Deep ploughing of orchard twice a year (just after fruit harvest and in the month of November / December) • Pruning and destruction of affected twigs twice a year (at fruit harvest stage and at new flush stage i.e., September / October) • Soil application of 4 kg Castor cake + 1 lit NSKE per tree in the first fortnight of July • Spraying of Spinosad 45 SC at new flush stage (September / October) and at fruit colour break stage (Last week of April).
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	National Research Centre on Litchi and RPCAU
5.	Production system and thematic area	Orchard and Integrated Pest Management
6.	Performance of the Technology with performance indicators	To evaluate best integrated pest management for management of Litchi Fruit Borer. Indicators i. No. of larvae per plant ii. No .of healthy fruits iii. No .of infested fruits iv. Yield v. B:C Ratio
7.	Final recommendation for micro level situation	On-going OFT
8.	Constraints identified and feedback for research	On-going OFT
9.	Process of farmers participation and their reaction	i. Field visit ii. Interaction with farmers.

10. OFT (Plant Protection)

1.	Title of On farm Trial	Assessment of technology for red rot management in sugarcane.
2.	Problem diagnosed	Quality of canes is reduced due to incidence of red rot in sugarcane
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmer Practices: Carbendazim 50% WP @ 2 g/lit of water spray on cane set TO1: Sett treatment with Trichoderma viride (tv 1) @ 4 g/l and Pseudomonas fluorescens @ 10 g /lit of water for 10 minutes TO2: Azoxystrobin 18.2%+Difenoconazole 11.4% SC @ 1 ml /lit of water 2-3 spray at 15 days interval from July
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TNAU,DPPQS
5.	Production system and thematic area	Production and Integrated Disease Management
6.	Performance of the Technology with performance indicators	To evaluate the best management practice for management of red rot in sugarcane. Indicators i. No. of damaged canes ii. Percent Disease Index iii. Yield iv. B:C Ratio
7.	Final recommendation for micro level situation	On-going OFT
8.	Constraints identified and feedback for research	On-going OFT
9.	Process of farmers participation and their reaction	i. Field visit ii. Interaction with farmers.

3.1.2 Technology Assessed by KVK (Discipline wise)

Sl. No.	Discipline	Thematic areas	No. of the technologies (Technology Interventions)	No. of trials	No. of Locations
2021					
1.	Agricultural Engineering (SWE)	Farm Mechanization	Evaluation of the performance of improved tillage practices in Wheat crop Farmer practice: Established by conventional method FP : Conventional tillage (2 harrowing + 2 ploughing) + Broadcasting TO₁: Reduced Tillage (1 harrowing + 1 ploughing) + Line sowing with Zero till cum ferti seed drill TO₂: Sowing with zero till cum ferti seed drill (No Till or Zero tillage) TO₃ : Sowing with Happy Seeder (No Till)	07	
2.	Home Science	Value addition	Assessment of preparation method of litchi squash F.P: Sell fruits to processors at very low or throw away price TO I:: Process for preparation of litchi squash Formulation (Product specifications) Litchi pulp: 25%, TSS: 40°B, Acidity : 0.8%, 350 ppm SO ₂ T.O.-2: Process for preparation of litchisquash Formulation (Product specifications) Litchi pulp: 25%, TSS: 45°B, Acidity :1.2%, 350 ppm SO ₂	30	
3.	Horticulture	Floriculture	Effect of stagger planting of Gladiolus for better bloom. FP: 30 cm x 30 cm TO1: 30 cm x 20 cm TO2: 20 cm x 20 cm TO3: 20 cm x 15 cm	05	
		Orchard management	Induction of regular and early flowering in Mango through Paclobutrazol. Farmer's practice : Without use of cultar TO-I : Use of cultar @ 20 ml/tree TO -II : Use of cultar @ 30 ml/tree(Recommended practice)	05	
5.	Agro-meteorology	Agromet Advisory	Economic Assessment of Weather Based Agromet Advisories for Rice crop, East Champaran Farmers' Practice: Cultivation practices without referring Weather forecast and Agromet Advisories. TO I: Cultivation practices with referring Weather Forecast only. TO II: Cultivation practices after referring Weather Forecast and Agromet Advisories.	05	
2022					
1.	Crop Production	Natural farming	Organic cultivation package in Cauliflower Farmer Practice: Application of 5 MT FYM/ha + 32kg N + 23kg P ₂ O ₅ + 15kg K ₂ O/ha through inorganic source Technological Option 1: Application of 5 MT FYM + 25% of RDF (NPK) through organic source Technological Option 2: Seed and seedling treatment with Beejaamrit + 3 spray of Jeevaamrit at 21	07	

			days interval + application Ghanjeevaamrit @ 1q/ha as basal application and 30 DAS		
		Nutrient Management	Improvement of Nitrogen use efficiency in wheat Farmer Practice: RDF (100:40:20) Kg/ha Technological Option 1: 50% of RDN & 100% PK + nano urea @4ml/lt. water (Single spray at 35 DAS). Technological Option 2: 50% of RDN & 100% PK + 2 sprays of Nano Urea at (35 DAS) and (60-65DAS) @ 4 ml/lt water.	07	
2.	Horticulture	Biological management of Diseases	Assessment of microbial consortia against wilting in Solanaceous crops (Brinjal) Farmer Practice: Application of Chemical fungicides Technological Option 1: Application of IIHR Consortia (Arka microbial consortia) Technological Option 2: NRC litchi consortia	07	
		Qualitative enhancement in Guava fruit	Assessment of fruit bagging in Guava for quality improvement Farmer Practice: No bagging Technological Option 1: Cellophane bag cover Technological Option 2: paper bagging	07	
3.	Home Science	Nutrition and Health	Low-cost Complimentary Food Mix for combating malnutrition among 6-12 months old children FP: Breast feeding + Normal Home diet after 6 months TO₁: Wheat (Malt)-60 gm, Green gram roasted-20 gm, Groundnut roasted-10gm, Milk Powder-5 gm, Sugar-05gm TO₂: Breast feeding with ordinary home diet after 6 months+ Bal-Ahar complimentary food mix Formulation of Bal-Ahar: (100gm) Wheat Flour- 50 gm, Green gram flour- 10 gm, Sugar-15 gm, Milk Powder- 20 gm, Ghee- 05 gm	07	
		Value addition	Assessment of preparation methods of Mushroom Pickle for more shelf life, enhancement of nutrition and income FP: Sale of Fresh Mushroom without any value addition TO₁: Process of preparation for Mushroom Pickle Formulation (Product specifications) Mushroom- 250 gm, Red Chilli Powder- 1 spoon, Mustard Powder- 1 spoon, Cumin seed powder- 2 spoon, fenugreek powder- ½ tsp, Turmeric powder- 1 spoon, Glacial acetic acid- 10 ml, Refined oil- 50 ml, Salt- 30 gm TO₂: Process of preparation for Mushroom Pickle Formulation (Product specifications) Fresh mushroom-1000 gm, Turmeric powder-20 g, Black mustard seed powder- 35 g, red chilli powder- 10 g, cumin seed powder-1.5 g, carom seed-10 g, nigella seed (kalonji)-10 g, fennel seed powder-1.5 g, mustard oil- 200 ml, 0.05% KMS solution, 10% sodium chloride, Acetic acid-5 ml and sodium benzoate- 2.5 gm	07	
4.	Agril.Engg. (Soil and Water Engineering)	Farm Mechanization	Assessment of Cut Off ratio in wheat irrigation FP: Broadcasting (in tilled condition) TO₁: Sowing of wheat by Zero Till drill TO₂: Sowing of wheat Happy Seeder incorporating the crop residue	07	
		Farm	Assessment of Happy seeder for wheat sowing under crop residue	07	

		Mechanization	management FP: Broadcasting (in tilled condition) TO₁: Sowing of wheat by Zero Till drill TO₂: Sowing of wheat Happy Seeder incorporating the crop residue		
5.	Agro-meteorology	Agromet Advisory	Economic Assessment of Weather Based Agromet Advisories for Wheat crop, East Champaran Farmers' Practice: Cultivation practices without referring Weather forecast and Agromet Advisories. TO I: Cultivation practices with referring Weather Forecast only. TO II: Cultivation practices after referring Weather Forecast and Agromet Advisories.	05	
6.	Plant Protection	Orchard and Integrated Pest Management	Integrated pest management of litchi fruit borer (<i>Conopomorpha sinensis</i>) Farmer practice: Either untreated or spray of any insecticide as per suggestion of other farmer or input dealers. TO1: National Research Centre on Litchi • Two sprays of systemic insecticide viz., Imidacloprid 17.8 SL @0.5-0.7 ml/lit during September at 15 days interval on emerging shoots. • Spray of NSKE before flowering to avoid egg laying. • Spray of Novaluron 10 EC @1.5 ml/lit at clove size. • Spray of Emamectin Benzoate 5 SG (0.4g/l) during aril (pulp) development stage. • Last spray of Novaluron 10 EC @1.5 ml/l at about 10 days before expected fruit harvesting. TO2:RPCAU • Deep ploughing of orchard twice a year (just after fruit harvest and in the month of November / December) • Pruning and destruction of affected twigs twice a year (at fruit harvest stage and at new flush stage i.e., September / October) • Soil application of 4 kg Castor cake + 1 lit NSKE per tree in the first fortnight of July • Spraying of Spinosad 45 SC at new flush stage (September / October) and at fruit colour break stage (Last week of April).	07	
		Production and Integrated Disease Management	Assessment of technology for red rot management in sugarcane Farmer Practices: Carbendazim 50% WP @ 2 g/lit of water spray on cane set TO1: Sett treatment with Trichoderma viride (tv 1) @ 4 g/l and Pseudomonas fluorescens @ 10 g /lit of water for 10 minutes TO2: Azoxystrobin 18.2%+Difenoconazole 11.4% SC @ 1 ml /lit of water 2-3 spray at 15 days interval from July	07	

3.2 Achievements of Frontline Demonstrations during 2022

A. Details of FLDs conducted during the year 2022

Cereals

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ demonstration										Reasons for shortfall in achievement
				Proposed	Actual	SC		ST		Others		Total				
1.						M	F	M	F	M	F	M	F	T		
2.	Rice	Integrated Pest Management	Pheromone trap against Yellow Stem Borer	4	4	6	0	0	0	15	2	21	2	23		
3.	Wheat	Crop Production	Bio fortified Seed	4	4	3	0	0	0	15	0	18	0	18		
4.	Cowpea	Off season production	Photo-insensitive variety (Kashi Kanchan)	1	1	4	0	0	0	19	0	23	0	23		
5.	Vegetable Pea	Early production	Early pea var. Kashi Udai	1	1	4	0	0	0	21	0	25	0	25		

Details of farming situation

Sl. No.	Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)				Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
					N	P ₂ O ₅	K ₂ O	OC					
1.	Rice	Kharif	Irrigated	Sandy loam					Wheat	05.07.2022	10.11.2022		
2.	Cowpea	Kharif	RF	Sandy loam					Vegetables	05.09.2022	06.11.2022		
3.	Vegetable Pea	Rabi	Irrigated	Sandy loam					Vegetables	11.11.2022	15.01.2023		

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

B. Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

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

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

** BCR= GROSS RETURN/GROSS COST

Pulses

Frontline demonstration on pulse crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Cowpea	Off season production	Photo-insensitive variety (Kashi Kanchan)	23	1	142.5	122	20.2	47250	142500	95250	3.01	43960	122000	78040	2.77
Vegetable Pea	Early production	Early pea var. Kashi Udai	25	1	-	-	-	-	-	-	-	-	-	-	-
	Total		48	2											

* 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

Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (Pl. specify)										
Total Oilseeds										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (Pl. specify)										
Total Pulses										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato										
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (Pl. specify)										
Total Veg. Crops										
Commercial Crops										
Cotton										
Coconut										
Others (Pl. specify)										
Total Commercial Crops										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (Pl. specify)										
Total Fodder Crops										

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

** BCR= GROSS RETURN/GROSS COST

Livestock

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

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

** BCR= GROSS RETURN/GROSS COST

Fisheries

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

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

** BCR= GROSS RETURN/GROSS COST

Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	Enterprise development															
Button mushroom																
Vermicompost																
Sericulture																
Apiculture																
Others (pl.specify)	Milky Mushroom	20	20 kg spawn	195 kg					5500	26345	20845	4.79				
Total																

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

** BCR= GROSS RETURN/GROSS COST

Women empowerment

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

Farm implements and machinery

Name of the implement	Crop	Name of the technology demonstrated	No. of Farmer	Area (ha)	Field observation (output/man hour)		% change in major parameter	Zero till-cum-Ferti seed drill					Conventional System				
					Demonstration	Check		Labor reduction (man days/ha)	Effective Field Capacity (ha/h)	Field Efficiency (%)	Cost of Cultivation (Rs/ha)	Yield (q/ha)	Labor reduction (man days/ha)	Effective Field Capacity (ha/h)	Field Efficiency (%)	Cost of Cultivation (Rs/ha)	Yield (q/ha)
2021																	
Zero till-cum-Ferti seed drill	Wheat	Zero tillage	15	2.4	-	-	-	48	0.51	80.58	32896	44.95	60	0.026	-	38240	40.12
								Octagonal hand Maize Sheller					Conventional hand shelling				

								Labor Requirement	Time Spent to Shell 100 cob (Min)	Shelling Capacity (kg/h)	Shelling Efficiency (%)	Labor Requirement	Time Spent to Shell 100 cob (Min)	Shelling Capacity (kg/h)	Shelling Efficiency (%)
Octagonal hand Maize Sheller	Maize	Maize Shelling	40	-				01	46	19.72	94.50	01	113	8.85	

2022

Name of the implement	Crop	Name of the technology demonstrated	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)			Cost reduction (Rs./ha or Rs./Unit)		
					Demons ration	Check		Demons ration	Check	% Increase	Demons ration	Check	% Increase
Mango Harvester	Mango (Malda)	Nutan Mango Harvester	21	7	11262.6	10334.7	8.9%	17	28	39%	91752	94330	2.73

* 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

Farm Machinery

Category	Name of the implement / Equipment / Tool	Crop (if applicable)	No. of Technologies	No. of Demos	Area (ha)
Sowing and planting tools and machineries					
Total					
Intercultural operation tools and machineries					
Total	Improved Sickle (Vaibhav Sickle)		1	3	4
Irrigation management tools and machineries					

Total					
Plant protection tools and machineries					
Total					
Harvesting tools and machineries					
Total					
Postharvest processing tools and machineries					
Total					
Total mechanization tools and machineries					
Total					
Others					
Total					
Grand Total					

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Mango	Farmers are very satisfied with this harvester as it reduces cost of cultivation by increasing yield. Along with this it harvest mango fruits with less drudgery & fatigue on labour and also preventing damage to the tree branches as well as fruits as compared to local harvester and manual harvesting.
2	Milky Mushroom	The farmers/farm women were happy with the success of mushroom cultivation. Now they are interested to take up mushroom cultivation as a major income generating activity throughout the year due to its demand in the district.
3		

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	22/06/2022, 03/07/2022, 17/07/2022, 10/08/2022, 19/10/2022	05	51	Technology spread through Field day on Cowpea var. Kashi Kanchan among different farmers of East Champaran
2.	Farmers Training	09/05/2022, 17/06/2022	02	45	
3.	Media coverage				
4.	Training for extension functionaries				

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif, Rabi and summer 2022

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha) 7 years	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1.	Pigeon Pea	Bahar	10.3	-70	-110	570	IPA-203, INM + IPM + R. Culture + Micro nutrient	18	10	15.44	10.80	13.98	-38.33	-40	23
2.	Lentil	Local	9.74	-95	-62	426	HUL-57 + ZT/Line Sowing + INM + IPM + R. Culture + Micro nutrient	28	10	14.23	10.22	12.32	-29.35	-28.28	18.42857
3.	Green Gram	Local	6.92	-13	-142	508	Virat+ ZT/Line Sowing + INM + IPM + R. Culture + Micro nutrient	52	20	9.37	7.22	8.34	-20.91	-25.81	11.83333
4.	Rapeseed & Mustard	Local	10.2	-148	-94	580	Rajendra Suflam + ZT/Line Sowing + INM + IPM + R. Culture +	97	50	14.52	10.98	12.92	-31.19	-29.37	17

							Micro nutrient								
5.	Groundnut	Local	9.16	-	-	715	G.G.-20	71	10	16.8	13.4	14.62	-	-	33.47
6.	Green gram	Local	6.68	-13	-142	508	Virat + INM + IPM + R. Culture + Micro nutrient	73	40	9.23	7.17	8.12	-21.98	-27.37	12

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1.	IPA-203, INM + IPM + R. Culture + Micro nutrient	27900	67980	40080	2.43	31200	92268	61068	2.95
2.	HUL-57 + ZT/Line Sowing + INM + IPM + R. Culture + Micro nutrient	22600	53570	30970	2.37	25200	67760	42560	2.68
3.	Virat+ ZT/Line Sowing + INM + IPM + R. Culture + Micro nutrient	20600	49800	29200	2.41	23200	60670	37470	2.61
4.	Rajendra Suflam + ZT/Line Sowing + INM + IPM + R. Culture + Micro nutrient	17650	47430	29780	2.68	20350	60078	39728	2.95
5.	G. G. -20 + ZT/Line Sowing + INM + IPM + R. Culture + Micro nutrient	24650	50838	26188	1.94	27300	81141	53341	2.97
6.	Virat + INM + IPM + R. Culture + Micro nutrient	22700	48590	25897	2.14	24100	59073	33473	2.45

C. Socio-economic impact parameters 2022

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

D. Pulses/Oilseed Farmers' perception of the intervention demonstrated 2022

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

E. Specific Characteristics of Technology and Performance

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

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1.	Field Visit of Rapeseed & Mustard and Lentil crop	18/01/2022, Paltu Balwa	21
2.	Field day on Rapeseed & Mustard	08/02/2022, Jamnia	23
3.	Training on Scientific Cultivation of Ground nut	17/06/2022, Dharmuhan	33
4.	Training on Scientific Cultivation of Mung bean in Kharif season	19/07/2022, KVK, Piprakothi	27
5.	Field visit on Groundnut crop	08/09/2022, Dharmuhan	17
6.	Training on Scientific Cultivation of Rapeseed Mustard	12/10/2022, Bairiya	29
7.	Field day on Groundnut	25/10/2022, Suryapur	17
8.	Field visit of Rapeseed & Mustard	28/12/2022, Jamunia	21

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



H. Farmers' training photographs



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



J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Pigeon pea	i) Critical input	81000	77682	3318
	ii) TA/DA/POL etc. for monitoring	9000	8925	75
	iii) Extension Activities (Field Day)			
	iv) Publication of literature			
	Total	90000	86607	3393

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Lentil	i) Critical input	81000	80230	770
	ii) TA/DA/POL etc. for monitoring	9000	8956	44
	iii) Extension Activities (Field Day)			
	iv) Publication of literature			
	Total	90000	89186	814

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Green gram (Summer)	i) Critical input	162000	161950	50
	ii) TA/DA/POL etc. for monitoring	18000	17985	15
	iii) Extension Activities (Field Day)			
	iv) Publication of literature			
	Total	180000	179935	65

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Rapeseed & Mustard	i) Critical input	270000	267550	2450
	ii) TA/DA/POL etc. for monitoring	30000	29750	250
	iii) Extension Activities (Field Day)			
	iv) Publication of literature			
	Total	300000	297300	2700

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Groundnut (Kharif)	i) Critical input	108000	-	-

	ii) TA/DA/POL etc. for monitoring	12000	-	-
	iii) Extension Activities (Field Day)			
	iv) Publication of literature			
	Total	120000	-	-

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Green Gram (Kharif)	i) Critical input	324000	-	-
	ii) TA/DA/POL etc. for monitoring	36000	-	-
	iii) Extension Activities (Field Day)			
	iv) Publication of literature			
	Total	360000	-	-

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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													
d) Plantation crops													
Production and Management technology													
Processing and value addition	2	49	0	49	06	00	06	00	00	00	55	00	55
Others, if any													
e) Tuber crops													
Production and Management technology	1	21	0	21	5	0	5	0	0	0	26	0	0
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	3	79	0	79	06	00	06	00	00	00	85	00	85
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing	1	19	5	24	04	02	06	00	00	00	23	07	30
Others, if any	2	58	06	64	07	00	07	00	00	00	65	06	71
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	04	19	48	67	02	08	10	00	00	00	21	56	77
Design and development of low/minimum cost diet	01	08	08	16	00	13	13	00	00	00	08	21	29

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

[illegible]

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

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

E) RURAL YOUTH Including the sponsored training programmes (Off Campus)

[illegible]

Thematic Area	No. of Course s	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
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	2	143	29	172	30	04	34	0	0	0	173	33	206
Integrated Pest Management	2	49	18	67	15	6	21	0	0	0	64	24	88
Integrated Nutrient management	1	27	02	29	04	00	04	0	0	0	31	02	33
Rejuvenation of old orchards	1	118	19	137	15	6	21	0	0	0	133	25	158
Protected cultivation technology	2	8	34	42	4	11	15	0	0	0	12	49	57
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	2	8	34	42	4	11	15	0	0	0	12	49	57
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs	2	85	13	98	17	05	22	0	0	0	92	18	110
Gender mainstreaming through SHGs													
Crop intensification	1	33	8	41	7	00	7	40	8	48	01	33	8
TOTAL	13	471	157	628	96	43	139	40	8	48	518	233	717

G) Consolidated table (ON and OFF Campus)

i. Farmers& Farm Women

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

[illegible]

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
TOTAL	2	44	3	47	10	0	10	0	0	0	57	0	57
d) Plantation crops													
Production and Management technology													
Processing and value addition	2	49	0	49	06	00	06	00	00	00	55	00	55
Others, if any													
TOTAL	2	49	0	49	06	00	06	00	00	00	55	00	55
e) Tuber crops													
Production and Management technology	1	21	0	21	5	0	5	0	0	0	26	0	0
Processing and value addition													
Others, if any													
TOTAL	1	21	0	21	5	0	5	0	0	0	26	0	0
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	7	174	7	181	19	0	19	0	0	0	193	7	200
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing	1	19	5	24	04	02	06	00	00	00	23	07	30
Others, if any	2	58	06	64	07	00	07	00	00	00	65	06	71
TOTAL	10	251	18	269	30	2	32	0	0	0	281	20	301
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any (Goat farming)													
TOTAL													
V. Home Science/Women empowerment													
Household food security by kitchen	04	19	48	67	02	08	10	00	00	00	21	56	77

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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
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													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Agrometeorology)	24	360	87	447	13 2	42	174	0	0		492	129	621
TOTAL	234	4115	104 9	524 3	10 41	39 9	147 4	0	0	0	514 5	144 2	65 95

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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
Tailoring and Stitching													
Rural Crafts	03	26	02	28	02	00	02	0	0	0	30	00	30
Enterprise development	2	34	8	42	11	4	15	0	0	0	45	12	57
Others if any (ICT application in agriculture)	4	98	38	136	40	13	53	0	0	0	138	51	189
TOTAL	38	538	141	679	152	46	198	0	0	0	692	189	877

iii. Extension Personnel (On and Off Campus)

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Production and use of organic inputs	2	85	13	98	17	05	22	0	0	0	92	18	110
Gender mainstreaming through SHGs													
Crop intensification	1	33	8	41	7	00	7	40	8	48	01	33	8
Others if any													
TOTAL	21	479	188	667	119	49	168	40	8	48	549	270	785

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 participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Agricultural Engineering										
1.	PF	Care and maintenance of farm machineries	1	Off	24	10	34	09	09	09
2.	PF	Resource conservation technology for crop production	1	Off	25	00	25	07	00	07
3.	PF	Mainteneance of agricultural farm machineries	1	On	22	0	22	10	0	10
4.	PF	Laser land Levelling	1	On	25	0	25	6	0	6
5.	PF	Water quality in agriculture Assessments and interpretations	1	On	30	03	33	07	01	08
6.	PF	Design and development of Farm pond	1	On	21	7	28	6	3	9
7.	PF	Mango Harvesting Technique	1	On	26	3	29	8	0	8
8.	PF	Irrigation management in Paddy Field	1	On	28	0	28	12	0	12
9.	PF	Jal Shakti Abhiyan Programme	1	On	18	3	21	6	1	7
10	PF	Irrigation Management in Paddy field	1	On	23	04	27	09	00	09
11	PF	Micro Irrigation	1	On	17	15	32	00	06	06
12	PF	Importance of land levelling and grading for better natural resource management	1	On	28	00	28	09	00	09
13	PF	PMKSY Scheme, Its Benefits and application procedure	1	On	21	00	21	06	00	06
14	PF	Crop Residue Management	1	On	12	05	17	05	01	06

15	PF	Different types of mulching for efficient water use in vegetable crop	1	On	37	02	39	11	00	11
16	PF	Multi crop planter for sowing of pulses	1	On	23	02	25	10	00	10
17	PF	Use of Zero tillage and Happy seeder for wheat sowing under crop residue management.	1	On	19	02	21	08	00	08
18	PF	Precision agriculture to optimize input resources	1	On	20	00	20	07	00	07
19	PF	Sprayers and Dusters	1	On	28	00	28	11	00	11
20	PF	Drone Technique for precision farming	1	On	20	01	21	08	00	08
21	PF	NADEP composting technique	1	On	21	00	21	09	00	09
22	PF	Small farm tools for intercultural operations in Rabi crops	1	On	30	0	30	6	0	6
23	PF	Management of Irrigation in Rabi Season crops	1	On	37	13	50	12	04	16
24	PF	Maintenance of drip/sprinkler system.	1	On	30	12	42	10	03	13
Total					585	82	667	192	19	211
RY										
1	RY	Post harvest technology	03	On	30	00	30	02	00	02
2	RY	Repair and maintenance of farm machinery and implements	03	On	17	00	17	05	00	05
3	RY	Role, classification and use of different Farm tools, implements and machineries in agriculture	03	On	24	00	24	04	00	04
4	RY	Storage of agricultural produce and packaging	04	On	32	02	34	05	00	05
5	RY	Irrigation Management – Micro Irrigation	04	On	31	06	37	8	01	9
Total					134	08	142	24	01	25
EF										
1	EF	Water	1	On	26	04	30	03	00	03

		Management in farm								
2	EF	Use of Micro Irrigation system for increasing water use efficiency	1	On	26	07	33	09	03	12
3	EF	Solid waste management and processing	1	Off	80	13	93	17	05	22
4	EF	Design and development of Farm pond	1	Off	21	07	28	06	03	09
Total					153	31	184	35	11	46
Crop Production										
1	PF	Ratoon management in Sugarcane	1	On	30	0	30	04	00	04
2	PF	Role and importance of IFS model	1	On	30	0	30	02	00	02
3	PF	Cultivation of green gram and black gram	1	On	29	0	29	03	00	03
4	PF	Organic farming and its importance	1	On	30	0	30	04	00	04
5	PF	Integrated Nutrient Magement	1	On	19	0	19	00	00	00
6	PF	Technique of Vermi compost Production	1	On	29	6	35	04	02	06
7	PF	Application of Bio fertilizer in summer pulses	1	On	30	2	32	04	00	04
8	PF	Technique of soil sampling	1	On	23	7	30	04	02	06
9	PF	Direct Seeded Rice Cultivation technique	1	On	21	0	21	02	00	02
10	PF	Integrated Nutrient management in mango and Litchi orchards	1	On	29	0	29	02	00	02
11	PF	Integrated Nutrient Management in Paddy	1	Off	21	0	21	02	00	02
12	PF	Scientific cultivation of groundnut	1	Off	29	0	29	04	00	04
13	PF	Nutrient management in Paddy	1	Off	38	7	45	04	00	04
14	PF	Natural Farming	1	On	35	4	39	03	00	03
15	PF	Weed management in Kharif Crops	1	Off	18	3	21	0	0	0

16	PF	Nutrient Management in paddy	1	Off	24	0	24	03	0	03
17	PF	Vermicompost production technique	1	Off	22	0	22	4	00	4
18	PF	Importance of Bio fertilizer and its uses	1	On	20	0	20	00	00	00
19	PF	Scientific Cultivation of Rapeseed & Mustard	1	On	26	00	26	03	00	03
20	PF	Integrated Nutrient Management in Rapeseed & Mustard	1	Off	25	0	25	04	00	04
21	PF	Scientific Cultivation of Sunflower	1	Off	31	00	31	04	00	04
22	PF	Weed management in Wheat	1	Off	27	00	27	03	00	03
23	PF	Foliar application of Fertilizers in Rabi crops	1	On	37	00	37	04	00	04
Total			23		623	29	652	67	4	71
1	RY	Seed production of Summer pulses	3	On	23	00	23	04	00	04
2	RY	Seed production of Paddy	3	On	25	00	25	02	00	02
3	RY	Vermi Compost Production	3	On	19	06	25	00	00	00
4	RY	Integrated Nutrient management in Rabi Crops	3	On	25	00	25	04	00	04
5	RY	Weed management in Rabi Crops	3	On	26	00	26	03	00	03
Total			5		118	6	124	13	0	13
1	EF	Direct Seeded Rice Cultivation through zero tillage machine	1	Off	133	25	158	23	4	27
2	EF	Importance of Micronutrient in field crop	1	On	31	2	33	4	00	4
3	EF	Zero tillage technique of Wheat sowing	1	Off	40	8	48	7	00	7
Total			3		204	35	239	34	4	38
Plant Protection										
1	PF	Use of Bioinoculants <i>Trichoderma spp</i> , <i>Rhizobium spp</i> and <i>Pseudomonas spp</i>	1	On	25	4	29	5	2	7

		etc.								
2	PF	Integrated Pest management in Mango	1	On	31	3	34	7	1	7
3	PF	Integrated Pest management in Kharif Paddy	1	On	25	6	31	4	2	6
4	PF	Integrated Pest management in Cucurbits	1	On	23	3	26	6	1	7
5	PF	Usage of <i>Trichoderma viridae</i>	1	On	26	2	28	5	1	6
6	PF	Management of fruit flies in Mango	1	On	28	3	31	9	2	11
7	PF	Whitefly management in vegetables	1	On	25	3	28	4	1	5
8	PF	Integrated pest and disease management in Rice	1	On	28	3	31	5	3	8
9	PF	Usage of Pheromone traps for monitoring and management of Yellow Stem Borer in Rice.	1	Off	26	7	33	7	4	11
10	PF	Insect and Disease management in Sugarcane	1	Off	26	4	30	5	3	8
11	PF	Insect Pest Management in Cucurbits.	1	On	32	3	35	5	3	8
12	PF	Integrated Disease Management in Sugarcane	1	On	28	4	32	5	4	9
13	PF	Management of pest and diseases in vegetable nursery	1	On	23	5	28	4	2	6
14	PF	Pest management in Cruciferous vegetables	1	On	25	4	29	3	3	6
15	PF	Management of pests and diseases in Potato	1	On	28	6	34	3	2	5
16	PF	Management of diseases in Oyster Mushroom	1	On	24	4	28	4	2	6
17	PF	Integrated Pest Management in Wheat	1	On	26	4	30	8	2	10
18	PF	Production of Oyster and Button Mushroom	1	On	16	4	20	8	5	13
Total			18		465	72	537	97	43	13

										9
1	RY	Scientific Bee Keeping	1	On	12	24	36	2	2	4
2	RY	Bee Keeping-Techniques and constraints	1	On	34	20	54	12	11	23
3	RY	Bee Keeping-As an entrepreneurship	1	On	18	6	23	7	4	11
4	RY	Rearing of Honey bee and its by products	1	On	21	3	23	6	2	6
5	RY	Production of Oyster mushroom and Button Mushroom	1	On	18	4	21	6	3	7
6	RY	Production of Button Mushroom	1	On	12	16	28	3	5	5
Total			6		115	73	185	36	27	56
1	EF	Integrated Pest management in Vegetables	1	On	12	5	17	8	1	9
2	EF	Use of Bio-inoculants like <i>Trichoderma spp</i> and <i>Pseudomonas spp.</i>	1	Off	25	7	32	8	1	9
3	EF	Integrated Pest Management of Rabi Crops	1	Off	24	11	35	15	6	21
Total			3		61	23	84	31	8	39
Horticulture										
1.	PF	Effect of planofix for control of fruit drop in mango	1	On	20	2	22	6	0	6
2.	PF	Production of seasonal vegetables for nutritional security	1	On	20	2	22	4	0	4
3.	PF	Role of honey bee in horticulture	1	On	10	8	18	3	1	4
4.	PF	Post-harvest operations in Mango Orchard: Pruning and Nutritional inputs	1	On	25	01	26	0	0	0
5.	PF	Crop regulation using PGRs in Horticulture	1	On	24	0	24	0	0	0
6.	PF	Soil sampling procedures in orchard	1	On	25	0	25	3	0	3
7.	PF	Scientific cultivation of dragon fruit	1	On	20	0	20	4	0	4
8.	PF	Water	1	On	15	3	18	4	0	4

		management in orchards								
9.	PF	Processing of guava: Ready To Serve	1	On	2	12	14	0	3	3
10.	PF	Management of organic inputs in horticulture	1	Off	20	0	20	3	0	3
11.	PF	Scientific nursery raising for winter vegetables	1	On	16	6	22	4	0	4
12.	PF	Cultivation practices of off season vegetable	1	On	9	12	21	0	2	2
13.	PF	Scientific Cultivation of Turmeric	1	On	22	0	22	3	0	3
14.	PF	Scientific Cultivation of Ginger	1	On	26	0	26	5	0	5
15.	PF	Sucker treatment methods of Banana	1	On	13	2	15	2	0	2
16.	PF	Role of Sulphur in Potato yield enhancement	1	On	21	0	21	3	0	3
17.	PF	Nutrient management in Cole crops	1	On	21	2	22	5	0	5
18.	PF	Role of Sulphur in Potato yield enhancement	1	On	2	12	14	0	3	3
19.	PF	Nutrient management in Cole crops	1	On	21	0	21	3	0	3
20.	PF	Sucker treatment methods of Banana	1	On	15	3	18	4	0	4
21.	PF	Water management in orchards	1	On	10	8	18	3	1	4
22.	PF	Processing of guava: Ready To Serve	1	On	20	2	22	6	0	6
23.	PF	Management of organic inputs in horticulture	1	On	25	01	26	0	0	0
24.	PF	Scientific nursery raising for vegetables	1	On	13	2	15	2	0	2
Total			24		415	78	492	67	10	77
1.	RY	Scientific management of Litchi and mango orchard	3	On	25	0	25	4	0	4
2.	RY	Scientific cultivation practices of dragon fruit in Bihar	5	On	28	0	28	5	0	5

3	RY	Underexploited vegetables: An opportunity for crop diversification and nutritional security in Bihar	4	On	25	0	28	4	0	4
4	RY	Scientific management of orchard	4	On	28	0	30	5	0	5
Total					106	0	111	18	0	18
1.	EF	Horticultural operations for kharif season	1	Off	116	21	137	17	4	21
2.	EF	Underexploited vegetables: Crop diversification in Bihar	2	On	7	0	7	0	0	0
3.	EF	Production prospects and value addition in garlic	1	Off	22	5	27	0	0	0
		Total			145	26	171	17	4	21
Agrometeorology										
1	PF	Gramin Krishi Mausam Sewa-concepts& implementation for sustainable crop production.	1	On	16	2	18	5	2	7
2	PF	Importance of weather based agromet advisory services for Rabi crops	1	On	16	2	18	7	2	9
3	PF	Agromet advisory for empowering farmers to mitigate climate change.	1	On	16	5	21	5	3	8
4	PF	Climate smart agriculture-different techniques and possibilities in East Champaran district	1	On	16	5	21	5	3	8
5	PF	Agromet advisory for empowering farmers to mitigate climate change.		On	16	5	21	5	3	8
6	PF	Climate smart agriculture-different techniques and	1	On	16	4	20	7	2	9

		possibilities in East Champaran district								
7	PF	Gramin Krishi Mausam Sewa- understanding concept and implementation	1	On	22	1	23	4	1	5
8	PF	Meghdoot Application - Popularization and handling	1	On	17	3	20	5	2	7
9	PF	Weather based management of summer crops.	1	On	13	0	13	8	0	8
10	PF	Monsoon and its iterannual variability	1	On	11	13	24	4	2	6
11	PF	Effcet of iterannual variability of South–West monsoon on sustainability of kharif crops.	1	On	15	2	17	1	7	8
12	PF	Crop weather relation in kharif rice for N-W alluvial plan zone of Bihar	1	On	18	2	20	5	2	7
13	PF	Importance of weather based agromet advisory services for Kharif crops	1	On	14	4	18	7	2	9
14	PF	Gramin Krishi MausamSewa- concepts& implementation for sustainable crop production.	1	Off	9	2	11	6	2	8
15	PF	Contingency crop planning during the mid-season drought.	1	Off	15	2	17	6	1	7
16	PF	Gramin Krishi MausamSewa- concepts & implementation for sustainable crop production.	1	Off	17	1	18	6	3	9
17	PF	Insect, Pest, dynamics in relation to weather rice crop	1	Off	14	4	18	8	2	10
18	PF	Farmers awareness Program on DAMINI and Meghdoot App.	1	Off	17	1	18	6	3	9

19	PF	Rabi crops inrelationship with changing climate change scenario	1	Off	20	2	22	5	2	7
20	PF	Aplication of weather based agro advisory application to minimize weather hazardous	1	Off	24	3	27	4	2	6
21	PF	Role of weather based advisories to minimize weather related risks in rabi crops	1	Off	24	5	29	0	0	0
22	PF	Farmers awareness program on Gramin Krishi Mausam Sewa	1	Off	15	7	21	4	2	6
23	PF	Weather based planning of rabi crops.	1	Off	14	4	18	8	2	10
24	PF	Farmers awareness Program on DAMINI and Meghdoot App.	1	Off	17	1	18	6	3	9
Total					375	454	532	574	171	221
Home Science										
1	PF	Employment Generation through Food Processing	01	On	22	1	23	2	0	2
2	PF	Value added products of Fruits and Vegetables	01	On	43	1	44	0	0	0
3	PF	Mushroom Production and Value addition	01	On	20	0	20	0	0	0
4	PF	Training on Preparation of Mushroom bags of Milky Mushroom (Calocybe indica)	01	Off	15	5	20	2	0	2
5	PF	Training on Usage of Different Food Processing machines	01	On	13	12	26	5	0	5
6	PF	Role of essential nutrients for mitigating malnutrition	01	Off	0	10	10	0	2	2
7	PF	Value addition of Mango	01	On	10	3	13	0	1	1
8	PF	Household food security by kitchen gardening	01	On	10	6	16	0	1	1

		and nutrition gardening								
9	PF	Design & development of low cost complimentary food.	01	On	19	20	39	4	4	8
10	PF	Food processing and value addition of cereals	01	On	18	17	35	5	3	8
11	PF	Value added products of fruits and vegetables	01	On	9	2	11	6	2	8
12	PF	Importance of food processing and value added products	01	Off	15	2	17	6	1	7
13	PF	Design and Development of Low-Cost Complimentary Food	01	On	10	14	24	2	9	11
14	PF	Mushroom Cultivation & Entrepreneurship development	01	Off	13	13	26	5	0	5
15	PF	Nutrition and health education	01	On	7	16	23	1	10	11
16	PF	How to reduce malnutrition in children	01	On	9	13	22	3	7	10
17	PF	Milky Mushroom production	01	On	15	8	23	4	0	4
18	PF	Self-employment through mushroom production	01	Off	8	7	15	3	0	3
19	PF	Value added products from millets	01	On	10	2	12	1	2	3
20	PF	Mushroom Production for self-employment	01	Off	0	60	60	0	13	13
21	PF	Value added products of fruits and vegetables	01	On	20	13	33	4	3	7
22	PF	Importance of food processing and value added products	01	Off	12	12	24	4	3	7
23	PF	Value added products of Millets	01	On	1	15	16	0	2	2
24	PF	Value added products of Cereals	01	On	8	21	29	0	13	13
Total					307	273	581	57	76	133
1.	RY	Processing and value addition of underutilized	3	On	22	1	23	2	0	2

		cereals								
2.	RY	Processing and value addition of Millets	3	On	43	1	44	0	0	0
3.	RY	Food processing and value addition of fruits and vegetables	4	On	20	0	20	0	0	0
4.	RY	Management of Nutri-garden	4	On	15	5	20	2	0	2
5.	RY	Milky Mushroom production	4	On	13	12	26	5	0	5
6.	RY	Mushroom Production	4	On	0	10	10	0	2	2
7.	RY	Preparation of value added products from millets	4	On	10	3	13	0	1	1
Total					123	32	156	9	3	12
1.	EF	Management of Nutri-garden	3	On	0	39	39	0	27	27
2.	EF	Food processing and value addition	1	On	30	0	30	5	0	5
3.	EF	Importance of balance diet	1	On	15	25	40	3	5	8
4.	EF	Management of Nutri-garden	1	On	25	35	60	5	0	5
Total					70	99	169	13	32	45
Vet Science										
1.	PF	Techniques of management of animals Waste in dairy farm	1	On	25	4	29	5	2	7
2.	PF	Control measure of acto and endo parasites in cattle	1	On	26	5	31	4	2	6
3.	PF	Management of ecto and endo parasite of dairy animals	1	On	22	0	22	2	0	2
4.	PF	Care and management of dairy animals during summer season	1	On	18	0	18	1	0	1
5.	PF	Important bacterial, viral and parasitic diseases in animals	1	On	32	0	32	10	0	10
6.	PF	Vaccination schedule for animals	1	On	30	0	30	13	0	13
7.	PF	Selection and identification of milch animals	1	On	30	0	30	7	0	7
8.	PF	Feeding management of	1	On	28	0	28	4	0	4

[illegible]

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	

*training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

Sl .	Title	The matic area	Month	Duratio n (day s)	Clie nt	No. of cours es	No. of Participants										Spon sorin g Agen cy
					PF/ RY/ EF		Male			Female			Total				
							Oth ers	SC	S T	Others	SC	S T	Oth ers	SC	S T	T ot al	
1.	Mushroo m Production for generating Self employment	Mus hro om Pro duct ion	September	2	PF	1	34	11	0	16	12	0	50	23	0	73	Distri ct Horti cultu re Office,Eas t Cha mpar an
2	Scientific Bee Keeping	Bee Kee ping	December	3	RY	1	12	4	0	4	12	0	14	16	0	30	Distri ct Horti cultu re Office,Eas t Cha mpar an

J) SKILL DEVELOPMENT PROGRAMME UNDER ARYA

Sl. No.	Enterprise Name	Date	Duration	No. of Beneficiaries		Total
				M	F	
1.	Poultry Farming	03/01/2022-05/01/2022	03	17	02	19
2.	Poultry Farming	12/01/2022-14/01/2022	03	15	01	16
3.	Poultry Farming	22/01/2022-24/02/2022	03	31	05	36
4.	Poultry Farming	07/03/2022-09/03/2022	03	21	0	21
5.	Poultry Farming	10/03/2022-12/03/2022	03	0	20	20
6.	Poultry Farming	14/03/2022-16/03/2022	03	24	09	33
7.	Poultry Farming	21/03/2022-23/03/2022	03	19	07	26
8.	Poultry Farming	24/03/2022-26/03/2022	03	46	04	50

SI. No.	Title	Date	No. of Training Conducted	No. of Beneficiaries		Total
				M	F	
1.	INM training for fertilizer dealers	25/12/2022-07/01/2022	01	38	2	40
2.	INM training for fertilizer dealers	21.04.2022-05.05.2022	01	37	3	40
3.	INM training for fertilizer dealers	27.05.2022-10.06.2022	01	38	2	40
4.	INM training for fertilizer dealers	27.05.2022-10.06.2022	01	36	4	40
5.	INM training for fertilizer dealers	24.06.2022-09.07.2022	01	38	2	40
6.	INM training for fertilizer dealers	24.06.2022-09.07.2022	01	38	2	40
7.	INM training for fertilizer dealers	29.07.2022-12.08.2022	01	37	3	40
8.	INM training for fertilizer dealers	24.08.2022-07.09.2022	01	39	1	40
9.	INM training for fertilizer dealers	09.09.2022-23.09.2022	01	36	4	40
10.	INM training for fertilizer dealers	27.09.2022-14.10.2022	01	37	3	40
11.	INM training for fertilizer dealers	15.10.2022-02.11.2022	01	38	2	40
12.	INM training for fertilizer dealers	07.12.22-21.12.2022	01	37	3	40
13.	INM training for fertilizer dealers	24.12.2022-07.01.2022	01	38	2	40
Total				487	33	520

Sl. No.	Title	Date	No. of Training Conducted	No. of Beneficiaries		Total
				M	F	
1.	Certificate course on Insecticide Management	25/06/2022-12/11/2022	01	40	0	40

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Fruit Plants	1	12	4	0	4	12	0	16	16	32
Ornamental plants	1	20	0	20	3	0	3	23	3	26
Spices crops										
Soil health and fertility management	1	12	4	0	4	12	0	16	16	32
Production of Inputs at site										
Methods of protective cultivation	2	52	6	58	4	12	16	56	10	66
Other										
Total	106	348	16	170	27	38	33	205	57	262
Post harvest technology and value addition										
Processing and value addition	3	102	5	107	7	6	13	109	12	121
Other	3	87	2	89	10	0	10	97	2	99
Total		195	29	196	17	6	23	206	14	335
Farm machinery										
Farm machinery, tools and implements	03	60	20	80	23	04	27	83	24	107
Other										70
Total	4	470	58	500	68	16	84	532	54	801
Total	7	530	78	580	91	20	111	615	78	808
Livestock and fisheries										
Livestock production and management	01	08	08	16	00	13	13	08	20	28
Animal Nutrition Management	02	06	54	60	04	13	17	10	60	70
Animal Disease Management										
Fisheries Nutrition										
Fisheries Management										
Other										
Total	3	14	62	76	4	26	30	18	80	98
Home Science										
Household nutritional security	01	08	05	13	02	10	12	20	15	35
Economic empowerment of women	01	30	01	31	04	61	65	34	62	96
Drudgery reduction of women	06	35	75	110	06	145	151	41	220	261
Other										
Total	8	73	81	154	12	216	228	95	297	392
Agricultural Extension										
Capacity Building and Group Dynamics										
Other										
Total										
Grant Total										

3.4. A. Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Kisan Mela organized	02	10236	2315	12551	4.5	315	123	438	10551	2438	12989
Kisan Mela participated	02	10236	2315	12551	4.5	315	123	438	10551	2438	12989

Field Day	08	692	83	775	12	12	05	17	704	88	792
KisanGhoshi	02	52	07	59	13	06	02	07	58	9	67
Exhibition organized	00	00	00	00	00	00	00	00	0	0	0
Participation in exhibition	08	311	13	324	8	03	00	03	314	13	327
Film Show	02	571	141	712	12	04	00	02	575	141	716
Method Demonstrations	02	79	15	94	11	07	01	08	86	16	102
Farmers Seminar	00	00	00	00	00	00	00	00	0	0	0
Workshop	06	96	18	114	4.5	05	0	05	101	18	119
Group discussion	03	7325	413	7738	16	17	07	24	7342	420	7762
Lectures delivered as resource persons	10	145	65	210	15	47	15	62	192	80	272
Advisory Services	104	14015	2453	16468	17.42	456	32	488	14471	2485	16956
Scientific visit to farmers field	48	695	32	727	12	25	04	29	720	36	756
Farmers visit to KVK	42	266	28	294	11.04	87	17	104	353	45	398
Diagnostic visits											
Exposure visits	14	449	64	513	6.41	79	15	84	528	79	607
Ex-trainees Sammelan	01	456	30	486	1.2	78	112	190	534	142	676
Soil health Camp	01	146	11	157	05	04	0	04	150	11	161
Animal Health Camp	02	1459	62	1521	03	05	0	05	1464	62	1526
Agri mobile clinic	01	00	00	00	00	0	0	0	0	0	0
Soil test campaigns	79	15	94	11	07	01	08	86	16	102	79
Farm Science Club Conveners meet	00	00	00	00	0	0	0	0	0	0	0
Self Help Group Conveners meetings	00	00	00	00	0	0	0	0	0	0	0
Mahila Mandals Conveners meetings	06	571	141	712	12	04	00	02	575	141	716
Special day celebration	03	1338	162	1500	25	13	04	17	1351	166	1517
Sankalp Se Siddhi	01	475	241	716	14	11	06	17	486	247	733
Swatchta Hi Sewa	00	00	00	00	00	00	00	00	0	0	0
Celebration of important date	16	1403	241	1644	11	06	02	08	1409	243	1652
Others	08	692	83	775	12	12	05	17	704	88	792
TOTAL	363	51031	8944	59877	225.57	1500	476	2038	52531	9420	61912

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	32
Radio talks	0
TV talks	7
Popular articles	5
Extension Literature	4
Electronic media	89
Animal health camp	2
Any other	3

C. Celebration of important days in KVKs

Celebration of Important Days	No. of activities	Farmers				Extension Officials			Total		
		M	F	Total	SC/ ST (% of total)	M	F	Total	M	F	Total
Republic day (26 th Jan.)	01	27	04	31	20	04	02	06	31	6	37
International Women's Day (8 th Mar.)	01	12	56	68	23	03	02	05	15	58	73
Ambedkar Jayanti (14 th Apr.)	01	62	12	74	16	02	02	04	64	14	78
International Yoga Day (21 st Jun.)	0	0	0	0	0	0	0	0	0	0	0
Independence Day (15 th Aug.)	01	14	0	14	0	03	00	03	17	0	17
Parthenium Awareness Week	01	11	0	11	0	0	0	0	11	0	11
Hindi Diwas (14 th Sep.)	01	45	0	45	15	03	0	03	48	0	48
Gandhi Jayanti (2 nd Oct.)	01	41	0	41	17	02	0	02	43	0	43
Mahila Kisan Diwas (15 th Oct.)	01	31	06	37	21	05	02	07	36	8	44
World Food Day (16 th Oct.)	01	38	02	40	16	03	0	03	41	2	43
Vigilance Awareness Week	01	12	56	68	23	03	02	05	15	58	73
National Unity Day (31 st Oct.)	01	163	34	197	18	03	02	05	166	36	202
World Science Day (10 th Nov.)	01	00	22	22	10	02	0	02	2	22	24
National Education Day (11 th Nov.)	01	24	0	24	15	03	0	03	27	0	27
National Constitution Day (26 th Nov.)	01	23	06	29	15	04	02	06	27	8	35
World Soil Day (5 th Dec.)	01	16	0	16	13	04	02	06	20	2	22
Kisan Diwas (23 rd Dec.)	01	38	02	40	16	03	0	03	41	2	43
Total	15	519	198	717	222	44	16	60	563	214	777

D. Interaction/Live telecast programme of Hon'ble PM/Hon'ble AM

Sl.	Date of event	Name of Event/Programme	Interaction of Hon'ble PM/AM	Participants			
				Farmers	Staffs	VIP/Others	Total
1.	26.04.2022	Kisan Bhagidari Prathamikta Hamari	Hon'ble PM	452	65	03	520
2.	31.05.2022	Garib Kalyan Sammellan	Hon'ble PM	62	18	00	80
3.	16.07.2022	Celebration of 94th Foundation Day of ICAR	Hon'ble AM	62	23	01	86
4.	17.10.2022	Kisan Samman Nidhi	Hon'ble AM	18	14	00	32
5.	23.12.2022	Kisan Diwas	Hon'ble AM	356	26	02	384
Total				1154	932	271	1157

3.5 a. Production and supply of Technological products

Village seed

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

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided			
				SC	ST	Other	Total
Paddy	R. Bhagwati	105.2	262500	-	-	-	
Paddy	R. Neelam	3.1	6000	-	-	-	
Green Gram	Virat	1.2	10600	1	0	12	13
Wheat	DBW-222	9.3	25000	1	0	5	6
Wheat	DBW-187	9.2	27600	3	0	12	15
Wheat	HD-2967	101	25000	9	0	12	21
Lentil	IPL-57	1.5	8000	1	0	3	4
Mustard	R. Suflam	5.9	41000	2	0	4	6
Potato	Khuphri Mohan and Chipsona	24q	48000	2	0	20	22
Grand Total		236.4	453700	19	0	68	87

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 pearl, valentena, carotena	4000	4000	11	-	22	33
Cabbage	Melody, Ruby Ball ‘	4000	4000	9	-	14	23
Tomato	Ns 4266	6000	6000	16		49	65
Brinjal	Kavya	3000	3000	13		57	70
Chilli	Ram LHC	3200	3200	17		22	39
Onion	JK Red	32kg	2200	1		7	8
Others		5000	25000	18		25	43
Fruits							
Mango	Amrapali, Malika, Maldah	10000	9000	20	0	40	60
Guava	L-49	1000	5000	30	5	120	135
Lime	Hajara	200	9000	10	-	40	50

Papaya	Red lady	500	1000	11		18	29
Banana	Grain Nain, Battisa	1500	3000	4		28	32
Others	Pomegranates	200	12000	12		19	31
Ornamental plants							
Medicinal and Aromatic	Menth Var.- Koshi	5000	5000	2	-	25	27
Plantation							
Spices							
Turmeric							
Tuber							
Elephant yams							
Fodder crop saplings							
Forest Species	Neem	2000	10000				
Others, pl.specify	Flowers	4000	20000	12		22	34
Total		49600	121400	186	5	508	679

Production of Bio-Products

Name of product	Quantity	Value (Rs.)	No. of Farmers benefitted			
	Kg		SC	ST	Other	Total
Bio-fertilizers	6000	30000	1	-	5	6
Bio-pesticide						
Bio-fungicide						
Bio-agents	30	3000	4		6	10
Others, please specify.						
Total	6030	33000	5	0	11	16

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted			
				SC	ST	Other	Total
Dairy animals							
Cows	HF, Gir	2	75000	-			
Buffaloes	-	-	-	-			
Calves	HF, Shahiwal	2	10000	-			
Others (Pl. specify)							
Small ruminants							
Sheep							
Goat	Black Bangal	5	18000	2			
Other, please specify							
Poultry							
Broilers							
Layers	Banraja	200	40000	20			
Duals (broiler and layer)							
Japanese Quail	-	100	3000	-			
Turkey							
Emu							
Ducks	Khakhi camel	10	1000	-			

Others (Pl. specify)				
Piggery				
Piglet				
Hog				
Others (Pl. specify)				
Fisheries	Rehu, Katla	2000	50000	25
Indian carp				
Exotic carp				
Mixed carp				
Fish fingerlings				
Spawn				
Others (Pl. specify)				
Grand Total		2319	197000	2319

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

i) Name of Seed Hub Centre:

Name of Nodal Officer :	Dr. A. K. Singh
Address :	KVK, Piprakothi, East Champaran
e-mail :	head.kvk.piprakothi@rpcu.ac.in
Phone No. :	9473000861
Mobile :	

ii) Quality Seed Production of Pulses

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed(F/S, C/S)
Rabi 2021	Lentil	HUL 57	500	20	233.5	C/S
Kharif 2022	Pigeon Pea	IPA 203/2015	250	2	Crop Standing	B/S
Rabi 2022	Lentil	IPL 526	500	7	Crop Standing	B/S
		IPL 220/2018		7		B/S
Summer/Spring 2021	Green Gram	Virat	250	10	82.5	C/S

iii) Financial Progress

Fund received (2016-17, 2017-18, 2019, 2020 and 2021)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2016-17	35.00	2.47	32.53	
2017-18	36.00	12.9	63.92	
2018-19	29.00	13.36	90.36	
2019-20	00.00	7.61	94.72	
2020-21	00.00	7.39	92.26	
2021-22	00.00	4.92	95.35	
2022-23	00.00	7.87	97.63	

v) Infrastructure Development

Item	Progress
Seed processing unit	Seed processing plant has been set up. Construction of seed storage structure has been completed.
Seed storage structure	

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

Item	Title	Author's name	ISBN No./ISSN Copy	Circulation
Research paper				
1	"Yield estimation- Conc-ept, Methods and Need"	Priyanka Swami, Neha Pareek, Yogesh Kumar Ravindra Pratap Singh Jetawat	<i>Annals of Plant Sciences.</i>	Vol. 11(03) & Page No.- 212-218.
2	FAO AquaCrop model for determining optimum wheat sowing date in Tarai region of Uttarakhand	Neha Pareek, Sumana Roy, A.S., Nain, Smita Gupta and Gaurav Kumar Chaturvedi	MAUSA M, NAAS rating- 6.64	Vol- 73(1) & Page No.- 189-192
3	Effect of integrated weed management on growth and yield of paddy	Rajnish Anand, Sima Kumari, B. Sreedevi and Neha Pareek	Emergent Life Sciences Research, NAAS rating- 5.41	Vol.- 8(1) & Page No.- 80-83
Seminar/conference/symposia papers				
1	Processing, Preservation and value addition of fruits and vegetables crops	Dr. Neelam Kumari		
2	Use of Crop simulation model in preparation of agro advisory services under GKMS scheme	Ms. Neha Pareek		
3	Promotion of Kisan Drones	Mr. Anand Kumar		
4	Advances in Water Management Technology for Enhancing Agricultural Productivity	Dr. Tejaswini Kapil		
6	Extension Approaches for Water management	Dr. Tejaswini Kapil		
7	Extension Approaches for Water management	Ms. Neha Pareek		
8	OFT finalization workshop	Dr. Tejaswini Kapil		
Books				
Bulletins				
News letter				
Popular Articles				
	मृदा उर्वरता एवं पर्यावरण प्रदूषण की दृष्टिकोण से करे फसल अवशेषों का उचित प्रबंधन	अंशू गंगवार, अरविन्द कुमार सिंह, शीर्षत		

		तेजस्विनी कपिल		
Book Chapter				
Extension Pamphlets/ literature				
Technical reports				
Electronic Publication (CD/DVD etc)				
TOTAL				

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

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

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	Training Program (Virtual)	“Advances in Water Management Technology for Enhancing Agricultural Productivity”	Dr. Shirsat Tejaswini Kapil, SMS, Agril. Engg. (SWE)	04/05/2022 to 07/05/2022	DAO
2.	Training Program (Virtual)	Extension Approaches for Water management	Dr. Shirsat Tejaswini Kapil, SMS, Agril. Engg. (SWE)	22/06/2022 to 24/06/2022	KVK, Piprakothi/ MANAGE
3	Training Program	Processing, Preservation and value addition of fruits and vegetables crops	Dr. Neelam Kumari	14.01.2022	KVK, Piprakothi/ MANAGE
4	Training Program	Use of Crop simulation model in preparation of agro advisory services under GKMS scheme	Ms. Neha Pareek	04.04.2022-09.04.2022	IMD
5	National Conference	Promotion of Kisan Drones	Mr. Anand Kumar	02.05.2022	NACS ICAR Complex, New Delhi
8	Training (Virtual mode)	Extension Approaches for Water management	Ms. Neha Pareek	22.06.2022 to 24.06.2022	MANAGE
9	Workshop	OFT finalization workshop	Dr. Tejaswini Kapil	06.07.2022	ICAR-ATARI, Patna

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

Name of farmer	Shri Ravindra Singh
Address	S/o- Late Bharat Singh Vill. Jasauli Patti, Block- Kotwa
Contact details (Phone, mobile, email Id)	6201999481
Landholding (in ha.)	10
Name and description of the farm/ enterprise	Rice, Wheat, Sugarcane, Mango, Litchi, Cow, Poultry
Economic impact	The farmer used to get annual income of Rs. 528860 from

	Rice, wheat Sugarcane, Mango etc. He faced problems like low productivity due to heavy flood almost every year in this area and he did not get the optimum benefit as well as unable to fulfil needs of his family. With DFI interventions like Zero Tillage technique in wheat, INM and Broiler poultry farming, he is getting annual income of Rs 1112560 . In addition, there is cost saving of Rs. 1900 in the production of Rice and wheat.
Social impact	The crop production under the given technique encouraged other farmers for adopting the cultivation of oilseeds with Zero tillage technique. Therefore, they can reduce their cost of cultivation and enhance the crop production as well as income.
Environmental impact	Following agriculture practices is a way for crop residue management, which also helps to maintain sustainability of the soil fertility
Horizontal/ Vertical spread	With DFI interventions like Zero Tillage technique in wheat, INM and Broiler poultry farming, he is getting annual income of Rs 1112560. In addition, there is cost saving of Rs.1900 in the production of Rice and wheat. For this context, 21 farmers happily adopt this technology in 28 acre area.
	

3.8. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year

Sl. No.	Name/ Title of the technology	Name/ Details of the Innovator(s)	Brief details of the Innovative Technology
1	Natural Farming	KVK, Piprakothi	Jeevamrit, Beejamrit, Neemastra, Brahmastra
2	Millet based bakery items	KVK, Piprakothi	Finger millet biscuit, Pearl millet cookies
3	Low cost fruit fly traps	KVK, Piprakothi	Management of Fruit fly
4	ZT	KVK, Piprakothi	Reduction in cost of cultivation

3.9. a. Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

Sl. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
1	Field and Horticultural Crops	Jeevamrit, Beejamrit, Neemastra, Brahmastra	For growth stimulation and pest management, avoidance of chemical spray
2	Low cost fruit fly traps	Cucurbits, Mango	Management of Fruit fly

3	Cereals and pulses	Storage of Grain in Bamboo and Mud based structure	To protect stored grains against pest infestation by mixing grains with protectant made up of plant products.
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b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)
1	Potato	2.4	200 kg/ha	12	Y
2	Maize	1	44 q /ha	3	Y

3.10. Indicate the specific training need analysis tools/methodology followed by KVKs

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed

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

Sl. No	Name of the Equipment	Qty.
1.	Microprocessor based pH meter	1
2.	Microprocessor based pH meter	1
3.	UV visible Spectrophotometer	1
4.	Flame photometer	1
5.	Kjeldahl apparatus	1
6.	AAS	1
7.	Water distillation unit	1

3.11.b. Details of samples analyzed so far:

Number of soil samples analyzed		
Through mini soil testing kit/labs	Through soil testing laboratory	Total
-	830	830

3.11.c Detail of Soil, Water and Plant analysis at KVK

Sl.	Analysis	No. of Samples analyzed	No. of Villages	No. of Farmers	Amount realized (Rs.)
1.	Soil	830	87	786	
2.	Water				
3.	Plant				
4.	Fertilizers				
5.	Manures				
6.	Food				
7.	Others (if any)				

3.11.d. Details on World Soil Day

Sl. No.	Activity	No. of Participants	No. of VIPs	Name (s) of VIP(s)	Number of Soil Health Cards distributed	No. of farmers benefitted
1.	1	36	0	-	32	32

3.12. Activities of Rain Water Harvesting structure and micro irrigation system

No of training programme	No. of demonstrations	No. of plant material produced	Visit by the farmers (No.)	Visit by the officials (No.)
6	17	-	2156	Director, Extension Education, DRPCA, Pusa, Assistant Director (Horticulture), Motihari, Assistant Director (Plant Protection), Motihari,

3.13. Technology week celebration

Type of activities	No. of activities	Number of participants	Related crop/livestock technology
Solar Tree	02	73	Irrigation management
Direct Seeded Rice (Rice-Wheat Seeder)	03	84	Paddy

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

No of student trained	No of days stayed
69	120 days

ARS trainees trained	No of days stayed

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

Date	Name of the person	Purpose of visit
13.02.2022	Hon'le Sugarcane & Law Department Minister Gov. of Bihar Sri Pramod Kumar and Dr. N Saravana Kumar(IAS) Secretary Agri. and Sugarcane Industry Bihar was chief Guest. Sri Shyam Baboo Yadav, MLA, Pipra, Sri Griwar Dayal Singh, Cane Commissioner, Sri J. P. N. Singh Joint Cane Commissioner Bihar, DM Motihari and Dr. Anil Kumar Singh, Director Sugarcane, RPCAU, Pusa Bihar	Training program for sugarcane growers was organised under Chief Minister Sugarcane Development Program (2021-22)
25.02.2022	Shri Radha Mohan Singh, Present Hon'ble MP, Motihari, Ex-Union Agri. Minister and Govt. of India, Shri Pramod Kumar, Hon'ble Minister, Ministry of law and Sugarcane industry, Govt. of Bihar, Dr. R. C. Srivastava, Hon'ble Vice Chancellor, Dr. Anjani Kumar, Director, ICAR-ATARI.	Demonstration of Drone at KVK
27.03.2022	Shri Radha Mohan Singh, Present Hon'ble MP, Motihari, Ex-Union Agri. Minister and Govt. of India	Critical input distribution under ARYA Project
14.04.2022	Shri Radha Mohan Singh, Present Hon'ble MP, Motihari, Ex-Union Agri.	Critical input distribution under SCSP Project

	Minister and Govt. of India, Shri Pramod Kumar, Hon'ble Minister, Ministry of law and Sugarcane industry, Govt. of Bihar, Hon'ble MLA Harsidhi Sri Krishnandan Paswan	
15.04.2022	Hon'ble Shri Parsottam Rupala, Minister of Fisheries, Animal Husbandry and Dairying, Govt. of India, Shri Radha Mohan Singh, Present Hon'ble MP, Motihari, Ex-Union Agri. Minister and Govt. of India, Shri Mangal Pandey, Hon'ble Minister, Ministry of Health, Govt. of Bihar, Shri Pramod Kumar, Hon'ble Minister, Ministry of law and Sugarcane industry, Govt. of Bihar, Minesh Shah, Chairman, NDDB, Hon'ble VC, RPCAU, Pusa, Samastipur, Hon'ble VC, BASU, Patna, Director, ATARI, Patna, Pusa, Director, ICAR-MGIFRI, DEE, RPCAU	Pashu Arogya cum Krishi Unnati Mela Sah Udyaan Mahatsov-2022
16.04.2022	Shri Tarkishore Prasad ji, Hon'ble Deputy Chief Minister, Government of Bihar, Shri Radha Mohan Singh, Present Hon'ble MP, Motihari, Ex-Union Agri. Minister and Govt. of India, Shri Pramod Kumar, Hon'ble Minister, Ministry of law and Sugarcane industry, Govt. of Bihar, Hon'ble VC, RPCAU, Pusa, Samastipur, Director, ATARI, Patna, Pusa, Director, ICAR-MGIFRI, DEE, RPCAU	Pashu Arogya cum Krishi Unnati Mela Sah Udyaan Mahatsov-2022
17.04.2022	Shri Vijay Kumar Sinha ji, Hon'ble Speaker of the Legislative Assembly, Bihar, Shri Radha Mohan Singh, Present Hon'ble MP, Motihari, Ex-Union Agri. Minister and Govt. of India, Shri Sushil Modi ji, Hon'ble Rajya Sabha MP, Smt. Rama Devi ji, Hon'ble MP, Sheohar, Shri Pramod Kumar, Hon'ble Minister, Sugarcane Industries and Law Department, Government of Bihar, Hon'ble VC, RPCAU, Pusa, Samastipur, Director, ATARI, Patna, Pusa, Director, ICAR-MGIFRI, DEE, RPCAU	Pashu Arogya cum Krishi Unnati Mela Sah Udyaan Mahatsov-2022
05.06.2022	Shri Pramod Kumar, Hon'ble Minister, Sugarcane Industries and Law Department, Government of Bihar	Prayavaran Sanrakshan hetu Krishak Ghosti and Plantation Program on the occasion of "World Environment Day"
16.07.2022	Shri Pramod Kumar, Hon'ble Minister, Sugarcane Industries and Law Department, Government of Bihar	Celebration of 94th Foundation Day of ICAR through live telecast of the publication of Success Stories of DFI farmers

26.07.2022	District Agriculture Development Committee, Govt. of Bihar visited KVK, Piprakothi	For discussing different perspective of developments for farmers
14.08.2022	Hon'ble Union Cabinet Minister Shree R.K. Singh	Har Ghar Tiranga" program
26.08.2022	Sri Radha Mohan Singh, Hon'ble, MP, Motihari & former Agriculture and Farmers Welfare Minister, GOI and Shri Pramod Kumar, MLA, Motihari & former Sugarcane & Law Minister, Bihar	75th Independence Day of India and Felicitation programme of farmers linked under different projects of KVK and Media personnels
06.09.2022	Bijendra Prasad Gupta, MLA, Sikta	Visited Food Processing Unit
13.09.2022	Peter Craufurd, Senior Scientist and Country Representative, CSISA Hub	To visit the various trial plots of CSISA
17.10.2022	Shri Radha Mohan Singh, Present Hon'ble MP, Motihari, Ex-Union Agri. Minister and Govt. of India	Celebration of POSHAN Abhiyan and Plantation drive
21.10.2022	Shri Pramod Kumar, Hon'ble Minister, Ministry of law and Sugarcane industry, Govt. of Bihar	For attending Rabi Maha Abhiyan
10.12.2022	Shri Radha Mohan Singh, Present Hon'ble MP, Motihari, Ex-Union Agri. Minister and Govt. of India, Shri Pramod Kumar, Hon'ble Minister, Ministry of law and Sugarcane industry, Govt. of Bihar	Kisan Mahila Gosthi and Training programme on Poshan Vatika

4. IMPACT

4.1. Impact of KVK activities (Not to be restricted for reporting period).

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Mushroom Cultivation	200	38	0	56000
Scientific poultry farming with improved poultry breeds	125	16	250000	190000
Zero Tillage Wheat	846	28	43000	74500
Zero Tillage Rai	217	11	12400	47000
ZT Lentil	82	9.5	25000	45500
Direct Seeded Rice	157	12.5	40000	65000
Food processing unit	115	29	0	55000

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

4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread
Mushroom Cultivation	No. of famers: 150, No. of Villages: 16
Scientific poultry farming with improved poultry breeds	No. of famers: 73, No. of Villages: 11
Zero Tillage Wheat	No. of famers: 388, No. of Villages: 22
Zero Tillage Rai/Tori/Mustard	No. of famers: 131, No. of Villages: 19
ZT Lentil	No. of famers: 98, No. of Villages: 17
Direct Seeded Rice	No. of famers: 92, No. of Villages: 14

Vermi Compost Production

No. of famers: 23, No. of Villages: 03

Give information in the same format as in case studies

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

Sl. No.	Brief details of technology	Impact of the technology in subjective terms	Impact of the technology in objective terms

4.4. Details of innovations recorded by the KVK

Thematic area	Natural Farming
Name of the Innovation	Natural Farming
Details of Innovator	Ravindra Singh
Back ground of innovation	Natural Farming
Technology details	Promotion on use of natural repellents like Neemastra for sucking pest, Agniastra for Stem borers and Bhramashtra for larger size borers. Moreover, use of 0.5% curd water, cowurine as fungicides was appreciated by villagers. Pheromone traps for rice stem borer was popularized among paddy growers
Practical utility of innovation	Pest and disease control using fermented cow urine spray Bamboo ash treatment against early and late blight in potato Soil and human health improvement

4.5. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	Poultry Farming
Name & complete address of the entrepreneur	Mr Chandan Singh, Narha Panapur, Block-Tetaria, East Champaran
Role of KVK with quantitative data support:	Technical guidance for establishing poultry unit
Timeline of the entrepreneurship development	2022
Technical Components of the Enterprise	Initially he had started with 200 chicks provided by the Krishi Vigyan Kendra, Piprakothi
Status of entrepreneur before and after the enterprise	Today, He owns about 1500 poultry birds at his farm and he is carrying out the business profitably by supplying the eggs and meat to local markets and markets of the nearby cities.
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Initially he earned a net profit of Rs. 63200. After increasing number of chicks to 1500, he got annual net profit of Rs. 1,20,000.
Horizontal spread of enterprise	Became role model for other youths

4.6. Any other initiative taken by the KVK

1.	Mushroom Production Unit	2022	For Oyster and Button Mushroom Production
2.	Mushroom Spawn Production Laboratory	2022	For Mushroom Spawn Production
3.	Automatic Weather System	2022	For Weather Monitoring

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
District administration	Establishment of Sukhet Model in every Gram panchayat of the District
District administration	Construction of Drainage cum Ground Water recharge Structure in ten (10) Gram Panchayat Of the District
District administration	Management of water hyacinth of Motijhil, Motihari through composting by Pusa decomposer
RPCAU, Pusa	Extension of Climate Resilient Agriculture Program in all villages of East Champaran
RPCAU, Pusa	Extension of CRA programme in all districts of KVK
District administration	Technical support for 75 Amrit Sarovar pond for establishment, renovation and beautification
ATMA, East Champaran	- Sponsored training programme and joint implementation of development programme - Preparation of SREP - Identification of target groups - Interaction with farmers and scientists - Farmers field school (FFS) - DESAI
District Horticulture Department, East Champaran	- Coordination and cooperation of extension activities in the district - Training and awareness programme on agro-horticulture system
Assistant Director of Sugarcane, Govt. of Bihar	Seed Production programme of Sugarcane
JEEVIKA	Training on vocational courses
DFO, East Champaran	- Farmers Training - Awareness programme on eco-friendly environment - Plantation of different economy based trees at district level
NGO-CHETNA, ASHISH, Raxaul, IDEA, Sehgal Foundation, Kaushalya Foundation, EPICOR	1. Coordination and cooperation of extension activities in the district
NABARD, Motihari	- Formation of Kisan Club and FPO - Training of farmers
ICAR, New Delhi	1. Funding and Technical inputs regarding trainings
ICAR-RCER, Patna	2. Coordination and cooperation of extension activities in the district
ICAR-IGFRI, Jhansi	3. Training of farmers on Fodder crops and it's management
International Traceability System Ltd., New	4. Training of farmers

Delhi	
CSISA, CIMMYT	- Demonstrations on Resource Conservation Technologies (RCTs) i.e. Zero Tillage, Direct Seeded Rice (DSR) and Laser Land Leveller etc. - Field Crop Experiments 5. Survey work (60 villages of East Champaran)
IFFCO	• Training/Kisan Gosthi/ Kisan Mela/ Demonstration
NSC/TDC	• Farmers participatory seed production
ICAR-NRCIF	• Research and Extension activities
DRDA, East Champaran	• Sponsored Training Programme and Joint Implementation of developmental programme
KRIBHCO	• Training/Kisan Gosthi/ Demonstration
Mahindra Samridhi	• Training/Kisan Gosthi/ Demonstration
IISR, Lucknow	• Technical training and Transfer of technology (Jaggery processing)
IGFRI, Jhansi	• Kisan Gosthi/ Demonstration of fodder crops
National Coconut Board, Regional Centre, Patna	• Training/Kisan Gosthi/ establishment of demonstration unit of Coconut
CBTC, Assam	- Providing different kind of Bamboo varieties - Assist in training of bamboo treatment and Establishment of high tech bamboo nursery unit
CCRI, Nagpur	• Assist in the establishment of Lemon Demonstration unit
National Research Center for Litchi, Muzaffarpur	• Training/Kisan Gosthi
National Fertilizer Limited, Muzaffarpur	• Training/Kisan Gosthi/ Kisan Mela/ Demonstration

5.2. List of special programme undertaken during 2021 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies (**information of previous years should not be provided**)

a) Programmes for infrastructure development

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

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

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

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Name of demo Unit	Year of estt.	Area (Sq. mt)	Details of production			Amount (Rs.)		Remarks
				Variety/breed	Produce	Qty.	Cost of inputs	Gross income	
1.	IFS	2019	1000			2319	99000	9800	

[illegible]

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

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.	Trichoderma	30 kg	2000		

6.4. Performance of instructional farm (livestock and fisheries production)

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.							
2.							
3.							

6.5. Utilization of hostel facilities

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
Total :			

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed:

No. of staff quarters:

Type of quarter	No.	Remarks
Senior Scientist & Head	01	
T-6	02	
Farm Manager	01	
Supporting staff	02	

Date of completion:

Occupancy details:

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Main Account	Bank of India	Jeebdhara	444310100008248
Revolving Account	Bank of India	Jeebdhara	444310100008247
Seed Hub	Bank of India	Jeebdhara	444310110000089
ARYA Account	Bank of India	Jeebdhara	444310110010216
Other than ICAR	Bank of India	Jeebdhara	444310210000065

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	
Rape Seed / Mustard	2.08		1.15	2.98	

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2022
	Kharif	Rabi	Kharif	Rabi	
Lentil	2.11	0.00	5.16	1.17	

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

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	150000.00		118845.00
2	Traveling allowances	15000.00		12000.00
3	Contingencies			
A	Stationery , telephone, postage, electric bill and other expenditure on office running including library maintenance and adding of books	430000.00		301755.00
B	Training of farmers			
C	Training materials (posters, charts, demonstration material including chemicals etc. required for conducting the training)	500000.00		148173.00
D	Training of extension functionaries			
E	Training of Rural Youth			
F	Front line demonstration other than Oilseeds & Pulses			44840.00
G	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)			67000.00
H	Soil & Water Testing Lab			00.00
I	Maintenance of building			15000.00
J	Extension activities/Exhibition, Kisan Mela etc.			142228.00
	Swachhta Expenditure			
TOTAL (A)		1095000.00	1004484.00	849841.00
B. Non-Recurring Contingencies				
1				
2				
3				
4				
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				

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

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year (Kind + cash)
2019	10.92	2.82	9.87	6.58
2020	6.58	7.80	11.49	8.28
2021	8.28	21.79	18.62	11.45
2022	11.45	12.57	16.23	10.02 (7.79 + 2.23)

iii) Financial Progress

Fund received (2016-17, 2017-18, 2019, 2020 and 2021)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2016-17	50.00	35.00	33.00	
2017-18	-	35.00	-	
2018-19	-	29.00	-	
2019	-	7.61	96.72	
2020	-	5.50	94.79	
2021	-	5.75	96.82	
2022	-	6.22	97.50	

7.6. (i) Number of SHGs formed by KVKs-13

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

Trainings on bee keeping, mushroom production, poultry farming, fish farming, goat farming, processing and value addition, organic vegetable production, quality seed production, micro irrigation, modern farm machinery and equipments, rural groundwater structures, Awareness of agromet advisory.

(iii) Details of marketing channels created for the SHGs Through FPOs, PACS, and NGOs.

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activities	Season	With line department	With ATMA	With both
Pashu Aarogya Mela	01	Rabi			Y
District Level Kharif Workshop	01	Kharif		Y	
Kisan Gosthi	01	Kharif		Y	
District Level Rabi Workshop	04	Rabi		Y	
Training on beekeeping	01	Kharif		Y	
Farmers Scientist Interaction	03	Rabi		Y	
Kisan Karyasala	01	Rabi		Y	
Exposure visit	02	Kharif and Rabi		Y	

8. Other information

8.1. Prevalent diseases in Crops

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)
False Smut	Paddy	September			Spray of Propiconazole at stage
Late Blight	Potato	December			Spray of Mancozeb fungicide
Die-back	Mango	August			Spray of copper oxychloride fungicide
Die-back	Citrus	November			Spray of Blitox 50
Cancker	Citrus	November			Strptocyclin

8.2. Prevalent diseases in Livestock/Fishery

Name of the disease	Species affected	Date of outbreak	Number of death/ Morbidity rate (%)	Number of animals vaccinated	Preventive measures taken in pond (in ha)

9.1. Nehru YuvaKendra(NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

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

Type of message	No. of messages	No. of farmers covered
Crop		
Livestock		
Fishery		
Weather		
Marketing		
Awareness		
Training information		
Other		
Total		

9.4. KVK Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	
2.	No. of farmers registered in the portal	
3.	Mobile Apps developed by KVK	
4.	Name of the App	
5.	Language of the App	
6.	Meant for crop/ livestock/ fishery/ others	
7.	No. of times downloaded	

9.5 Kisan Mobile Advisory Services (KMAS)

Sl. No.	Discipline	No. of Advisories	No. of Messages (text+ videos)	Total messages	No. of Farmers
1.	Crop	651	138	158	16824
2.	Livestock	432	112	122	
3.	Weather	797	135	145	
4.	Marketing	672	210	223	
5.	Awareness	487	129	156	
6.	Enterprises	519	197	178	
7.	Others	110	45	54	
Total		3017	966	1036	

9.6. a. Observation of Swachha Bharat Programme/Pakhwara

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

b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office	07	00.00
2. Basic maintenance	18	
3. Sanitation and SBM	13	
4. Cleaning and beautification of surrounding areas	21	
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	14	
6. Used water for agriculture/ horticulture application	17	
7. Swachhta Awareness at local level	26	
8. Swachhta Workshops	01	
9. Swachhta Pledge	02	
10. Display and Banner	16	

11. Foster healthy competition	04	
12. Involvement of print and electronic media	03	
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	03	
14. No. of Staff members involved in the activities	14	
15. No of VIP/VVIPs involved in the activities	07	
16. Any other specific activity (in details)	0	
Total		00.00

9.7. Observation of National Science Day

Date of Observation	Activities undertaken

9.8. Programme with SeemaSurakshaBal/ BSF

Title of Programme	Date	No. of participants

9.9. Agriculture Knowledge in rural school

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

Give good quality 1-2 photograph(s)

9.10. Details of ‘Pre-Rabi Campaign’ Programme

[illegible]

9.11. Details of Swachhta Hi Sewa programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)

9.12. Details of MahilaKisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
01	Training Programme on Poshan Vatika	01	22	01	Shri Radha Mohan Singh

9.13. No. of Progressive/Innovative/Lead farmer identified (category wise)

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise

9.14. Revenue generation

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.			
2.			
3.			

9.15. Resource Generation:

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
1.	INM	Training programs		81.73	
2.	CRA	Demonstration, Exposure visits and training programs	Govt. of Bihar	32.05	
3.	Pashu Arogya Mela	Awariness, Kishan Gosthi and Exhibition	MGIFRI	2.5	
4.	Pashu Arogya Mela	Awariness, Kishan Gosthi and Exhibition	ADHO, Motihari	2.0	
5.	Pashu Arogya Mela	Awariness, Kishan Gosthi and Exhibition	NDRI KARNAL	5.0	
6.	Pashu Arogya Mela	Awariness, Kishan Gosthi and Exhibition	RCER, Patna	4.0	
7.	Pashu Arogya Mela	Awariness, Kishan Gosthi and Exhibition	MOTHER DAIRY	2.97	
8.	Pashu Arogya Mela	Awariness, Kishan Gosthi and Exhibition	BASU, PATNA	5.0	
9.	Pashu Arogya Mela	Awariness, Kishan Gosthi and Exhibition	ATMA	2.0	
Total				137.25	

9.16. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
September 2021	IMD	Working

9.17. Contingent crop planning

Name of the state	Name of district/KVK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK

10. Report on Cereal Systems Initiative for South Asia (CSISA)

a) Year:

b) Introduction / General Information:

Experiment	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Kharif (2022-23)						
Experiment 1	Direct seeded rice under Vattar conditions (after pre-sowing irrigation or equivalent pre-monsoon rains)		T1 - DSR with pre-sowing irrigation followed by post sowing irrigation at 15-21 days after sowing. T2 - DSR in dry soil followed by irrigation on the same day. T3 - Puddled transplanted rice (CHECK)		10	Not performed
Experiment 2	Weed management in direct seeded rice		T1 - Two manual weeding at 15-20 and at 30-35 days after sowing (DAS) T2 - Tank mix of Bispyribac + pyrazosulfuron at 20+20 gm a.i./ha at 15-25 DAS + One spot hand weeding as	11-14/06/2022	10	Weed management with tank mix of Bispyribac + pyrazosulfuron at 20+20 gm a.i./ha at 15-25 DAS + One spot hand weeding was found very good performance, which reduces

			needed T3 - Tank mix of Vivaya (premix combination of Penoxulam + cyhalofop) + Almix at 2-4 leaf stage at 15-25 DAS + one spot hand weeding T4 - Premix combination of Triafamone + ethoxysulfuron (Council active, 60 g ai/ha) at 2-3 leaf stage at 15-20 DAS + one spot hand weeding T5 - Tank mix of fenoxaprop (Ricestar, 90 gai/ha) + ethoxysulfuron (15 g ai/ha) at 2-4 leaf stage at 15-25 DAS + one spot hand weeding.			weed infestation in rice crop.
Experiment 3	Effect of rice crop establishment methods on the growth and yield of wheat		T1. Vattar Direct seeded rice followed by zero tillage wheat. T2. Transplanted rice followed by zero tillage wheat.		5	Trial is in progress
Rabi (2022-23)						
Exp. 1	Performance of short duration (SDVs) and long duration varieties (LDVs) under different sowing schedules	To understand the performance of varieties of different duration both under late sown conditions.	Zero-Till drill wheat sowing	1- 10 Nov 11- 20 Nov 21- 30 Nov 1 - 15 Dec 16 - 31 Dec	10	Trial in progress

	across ecologies.					
Exp. 2	Assessing the role of additional irrigation during terminal heat stress period during grain filling stage to beat the heat stress and its effect on wheat productivity	1. To quantify the gains in wheat productivity from additional irrigation given at dough stage of wheat. 2. To understand the impact of last irrigation on the lodging of wheat.	Set 1- Zero tillage 1. Without additional irrigation (FP) 2* With additional irrigation during terminal heat stress period/milking stage in March Set 2- Conventional Tillage 1. Without additional irrigation (FP) 2*. With additional irrigation during terminal heat stress period/milking stage in March	1- 15 Nov	10	Trial in progress

11. Details of TSP

a. Achievements of physical output under TSP during 2021

Sl.	Activities	Physical Achievement	
		No. of Trainings/Demos	No. of beneficiaries
1)	Trainings		
a.	Farmer		
b.	Women		
c.	Rural Youths		
d.	Extension Personnel		
2)	OFT	No. of OFTs	No. of beneficiaries
3)	FLD	No. of FLDs	No. of beneficiaries
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
5)	Other activities		
a.	Participants in extension activities (No.)		
b.	Production of seed (q)		
c.	Production of Planting material (No. in lakh)		
d.	Production of Livestock strains (No. in lakh)		
e.	Production of fingerlings (No. in lakh)		
f.	Testing of Soil, water, plant, manures samples (Nos.)		
g.	Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)		

h.	No. of other programmes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	
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b. Fund received under TSP in 2022-23 (Rs. In lakh):

c. Achievements of physical outcome under TSP during 2022

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

d. Location and Beneficiary Details during 2022

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

12. Details of SCSP

Sl.	Activities	Physical Achievement	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer		
b.	Women		
c.	Rural Youths		
d.	Extension Personnel		
2)	OFT	No. of OFTs	No. of beneficiaries
3)	FLD	No. of FLDs	No. of beneficiaries
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
5)	Other activities		
a.	Participants in extension activities (No.)		
b.	Production of seed (q)		
c.	Production of Planting material (No. in lakh)		
d.	Production of Livestock strains (No. in lakh)		
e.	Production of fingerlings (No. in lakh)		
f.	Testing of Soil, water, plant, manures samples (Nos.)		

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

Natural Resource Management

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

Crop Management / Production

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

Livestock and fisheries

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

Institutional interventions

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

Capacity building

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

Extension activities

Thematic area	No of	No of beneficiaries
---------------	-------	---------------------

	activities									
		SC	ST		Other			Total		
		M	F	M	F	M	F	M	F	T

Detailed report should be provided in the circulated Performa

14.a) Awards/Recognition received by the KVK in year 2022

Sl. No.	Name of the Award	Conferring Authority	Amount	Purpose
1.	Best work in ARYA Project and Felicitation for Zonal Award received in 2020 i.e. Pandit Deen Dayal Upadhyay Rashtriya Krishi Vigyan Protshahan Puraskar in 5 th Annual Zonal Workshop	ATARI, Patna	-	Best work in ARYA Project and Felicitation for Zonal Award received in 2020

b) Award received by Farmers in year 2022

Sl.	Name of the Award	Name of the Farmer	Address	Contact No.	Aadhar No.	Amount	Purpose	Conferring Authority

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

- Krishi Vigyan Kendra, Piprakothi felicitated for their "Zonal award" and "Best work in ARYA Project" by DDG, Extension, ADG, VC, RPCAU Pusa, VC, BASU Patna, Director ATARI, Patna, Country Head CSISA during 5th Annual Zonal Workshop at International Convention Center, Nalanda, Bihar.
- KVK, Piprakothi had promoted and felicitated 13 FPOs, out of which one of the FPO entitled "Luvkus Agro Producer Company Ltd" was awarded with Best Outstanding FPO Award-2022 at Outlook Agritech Summit and Awards-2022.
- Under ARYA Project, Mushroom (182 units), Poultry (156 units), Goatry (19 units), Bee Keeping (54 units) are running in sustainable manner.
- Convergence of KVK, Piprakothi and District Administration for transfer of technology viz., Sukhet Model, Drainage cum Ground Water recharges Structure, Amrit Sarovar pond for establishment, renovation and beautification.

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

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

17. Integrated Farming System (IFS)

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
1.	Fisheries	0.8	62 kg	3000	9600	21	30
2.	Poultry+Duck	0.001	2019 eggs and 37.6 kg meat	15600	27710	28	60
3.	Dairy	0.002	6371.5	107000	216015	5	22
4.	Goatery	0.001	3 Doe, 1 buck, 3 kids	6880	18000	15	36
5.	Fruit on bund	0.001	75kg	600	1125	17	32
6.	Vegetable	0.001	60kg	400	900	15	33

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
1.	Poultry	2	0.001	0.001	40	2	1230	60
2.	Dairy	1	0.002	0.002	40	2	1230	60
3.	Goatery	1	0.001	0.001	40	2	1230	60
4.	Fruit on bund	3	0.001	0.001	40	2	1230	30
5.	Vegetable	5	0.001	0.001	40	2	1230	30

18. Technologies for Doubling Farmers' Income

Sl. No.	Name of the Technology	Brief Details of Technology (3- 5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to adoption of the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1	Cultivation of Wheat using Zero Tillage	• Saving of in situ moisture • Timelines in farming operations - Reduction in cost of cultivation	65000-70000/ha-yr	4672	
2	DSR in Paddy	• High yielding varieties var. Rajshree • Better Nutrient Management	60000-65000/ha-yr	558	

		• Cost effective Better in low land/chaour area			
3	Sugarcane + Lentil intercropping	• High yielding varieties • Better Nutrient Management • Cost effective	165000-170000/ha-yr	231	
4	Low Cost Commercial Vermi-Compost Unit	• Low cost pits • Organic farm and domestic wastes • Regular optimum watering of compost media Sieving and packaging of usable	90000 - 120000/Annum	28	
5	Cultivation of Oilseed Crop	• High yielding varieties var. R. Suflam • Micro Nutrient Practices • Line Sowing	40000-45000 / ha-yr	560	
6.	Agromet Advisory	Advisory related to farming and weather (twice in a week)		9375	
1	Cultivation of Wheat using Zero Tillage	• Saving of in situ moisture • Timelines in farming operations Reduction in cost of cultivation	65000-70000/ha-yr	4672	

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

Phase	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I					
II					
Total					

20. Information on Visit of Ministers 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)
15.04.2022-17.04.2022	Shri Parsottam Rupala	Minister of Fisheries, Animal Husbandry and Dairying, Govt. of India	Pashu Aarogya Mela-2022
	Shri Radha Mohan Singh	Present Hon'ble MP, Motihari, Ex-Union Agri. Minister and Govt. of India	
	Shri Mangal Pandey	Hon'ble Minister, Ministry of Health, Govt. of Bihar	
	Shri Pramod Kumar,	Hon'ble Minister, Ministry of law and Sugarcane industry, Govt. of Bihar	
	Hon'ble Shri Tara Kishore Prasad	Deputy Chief Minister, Govt. of Bihar	
	Shri Vijay Kumar Sinha	Hon'ble Speaker of the Legislative Assembly, Bihar	
	Shri Sushil Modi ji	Hon'ble Rajya Sabha MP	
	Smt. Rama Devi ji,	Hon'ble MP, Sheohar	
	Shri Pramod Kumar,	Hon'ble Minister, Sugarcane Industries and Law Department, Government of Bihar	
22.05.2022	Shri Radha Mohan Singh	Ex- Union Agri. Minister and Current MP, Motihari, Govt. of India	Distributed Multipurpose grinder machine to ARYA beneficiaries
22.05.2022	Shri Pramod Kumar	Sugarcane Industry and Law, Govt. of Bihar	Distributed Multipurpose grinder machine to ARYA beneficiaries
26.06.2022	Shri Radha Mohan Singh	Ex- Union Agri. Minister and Current MP, Motihari, Govt. of India	Distributed Multipurpose grinder machine to ARYA beneficiaries
15.08.2022	Shree R.K. Singh	Hon'ble Union Cabinet Minister	"Har Ghar Tiranga" program
07.09.2022	Shri Radha Mohan Singh	Present Hon'ble MP, Motihari, Ex-Union Agri. Minister and Govt. of India	To visit demonstration units at KVK Piprakothi
30.10.2022	Shri Radha Mohan Singh	Present Hon'ble MP, Motihari, Ex-Union Agri.	Look out the work progress of

Date of Visit	Name of Hon'ble Minister	Name of Ministry	Salient points in his/her observation (2-3 bulleted points)
		Minister and Govt. of India	inauguration program
13.10.2021	District Agriculture Development Committee	Govt. of Bihar	To visit demonstration units at KVK Piprakothi
31.11.2022	Mrs. Arti Singh National Minister (BJP) and Mrs. Geetanjali Sharma National Executive policy and research Incharge (BJP)	National Executive policy and research Incharge (BJP)	To visit demonstration units at KVK Piprakothi
10.12.2022	Shri Radha Mohan Singh	Ex- Union Agri. Minister and Current MP, Motihari, Govt. of India	Mahila Kisan Gosthi

21. a) Information on **ASCI** Skill Development Training Programme, undertaken during 2022

Year	Name of the Job role	Name of the certified Trainer of KVK for the Job role	Date of start of training	Date of completion of training	No. of participants	Whether uploaded to SDMS Portal (Y/N)	Fund utilized for the training (Rs.)
2022							

b) Information on Skill Development Training Programme (**Other than ASCI or less than 200 hrs.**, if any) if undertaken during 2022

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

22. Information of NARI Project(if applicable)

Name of Nodal Officer	No. of OFT on specified aspects	Title(s) of OFT	No. of FLD on specified aspects	No. of capacity development programme on specified aspects	Total no. of farm women/ girls involved in the project	Details of Issues related to gender mainstreaming addressed through the project
Dr. Pragnya Priyadarshini Panda			0	06	135	

Progress Information of NARI Project

a. 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.	Pipra Dih	Nutritional garden	02	100	10
2.	Damodarpur	Community Level	01	2000	8
3.	Lalbegiya	Community Level	02	2000	8
4.	Kuvarpur	Nutritional garden	01	100	10
TOTAL			6	4200	36

[illegible]

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



Hon'ble Shri Parsottam Rupala, Minister of Fisheries, Animal Husbandry and Dairying, Govt. of India, Shri Radha Mohan Singh, Present Hon'ble MP, Motihari, Ex-Union Agri. Minister and Govt. of India, Shri Mangal Pandey, Hon'ble Minister, Ministry of Health, Govt. of Bihar, Shri Pramod Kumar, Hon'ble Minister, Ministry of law and Sugarcane industry, Govt. of Bihar, Minesh Shah, Chairman, NDDB, Hon'ble VC, RPCAU, Pusa, Samastipur, Hon'ble VC, BASU, Patna, Director, ATARI, Patna, Pusa, Director, ICAR-MGIFRI, DEE, RPCAU in Pashu Arogya cum Krishi Unnati Mela Sah Udyaan Mahatsov-2022



Hon'ble Shri Tara Kishore Prasad, Deputy Chief Minister, Govt. of Bihar,



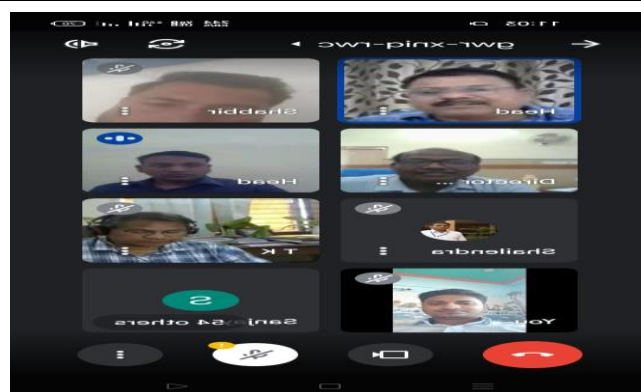
Shri Vijay Kumar Sinha ji, Hon'ble Speaker of the Legislative Assembly, Bihar, Shri Radha Mohan Singh, Present Hon'ble MP, Motihari, Ex-Union Agri. Minister and Govt. of India, Shri Sushil Modi ji, Hon'ble Rajya Sabha MP, Smt. Rama Devi ji, Hon'ble MP, Sheohar, Shri Pramod Kumar, Hon'ble Minister, Sugarcane Industries and Law Department, Government of Bihar, Hon'ble VC, RPCAU, Pusa, Samastipur, Director, ATARI, Patna, Pusa, Director, ICAR-MGIFRI, DEE, RPCAU in Pashu Arogya cum Krishi Unnati Mela Sah Udyaan Mahatsov-2022

Demonstration of Kishan Drones in Pashu Arogya cum Krishi Unnati Mela Sah Udyaan Mahatsov-2022



Inauguration of 19 and 20th Batch INM training program

Compost making from water hyacinth of Motijhil, Motihari under the supervision of KVK, Piprakothi team.



KVK, Piprakothi organized e-Kisan Chaupal on the topic problems of infertility and sub-fertility in animals and their management. On this occasion Director, Ext. Edu., DRPCA, Pusa was chief guest, DDE-I and DDE-II as distinguished guest and also address the farmers. Dr. T.K. Mohanty, Principal Scientist, ARGO/ABRC, NDRI, Karnal and Dr. Ravindra Kumar, Head, LPM, RVC, Kanke, Ranchi delivered lectures among the farmers as subject experts. SS& Head, and SMS (Vet. Sci.) delivered welcome and valedictory note respectively. In this programme about 95 farmer and all the scientists and staff of KVK, Piprakothi/parsauni were participated.



KVK Piprakothi, East Champaran organized Garib Kalyan sammellan event virtually Inaugrated by Hon'ble Prime Minister of India Shri Narendra Modi Ji at Shimla with all the KVK staffs, ATMA officials and our farmers.



Land Leveling through laser land leveler at Madhopur Govind village under CRA program of KVK, Piprakothi.



Field visit of ZT moong bean under CRA programme by KVK, Piprakothi scientists at Bairiya Village.



Direct Seeded Rice (DSR) (Var: Rajshree) in Laser land leveling field at village- Belwatiya under CRA program of KVK, Piprakothi.



Direct Seeded Rice (DSR) in Rice Wheat cropping system (Var: R. Mansuri) after Laser land leveling at village- Belwatiya under CRA program of KVK, Piprakothi.



Site visit for implementation of Sukhet Model at Champapur, Ramgadhwa, East Champaran.



KVK Piprakothi organised "Prayavaran Sanrakshan hetu Krishak Ghosti and Plantation Program" on the occasion of "World Environment day" sponsored by IFFCO Motihari. On this occasion the chief guest was Hon'ble Sugarcane and Law Minister Gov.of Bihar Shree Pramod Guptaji. State Marketing Officer of IFFCO Shree Someshwar ji, Senior Scientist and Head of KVK, Area Manager of IFFCO and all the Scientists/Staff also participated in the program. About 87 farmers and farm women were present in the ghosti. 2 Neem saplings were given to each farmer.



Exposure visit to RPCAU,Pusa,Samastipur of INM Training batch 19th and 20th of KVK Piprakothi.



Construction of Drainage cum Ground water recharges structure at Madhopur Govind village under CRA Programme.



Diagnostic field visit at Kataha, Loknathpur by Dr. A. K Singh, Senior Scientist and Head and Dr. N.B Chanu, SMS Horticulture KVK Piprakothi



Promotion of Milky Mushroom Cultivation under Front Line Demonstration Programme by Pragnya Priyadarshini Panda, SMS Home Science at KVK, Piprakothi, East Champaran.



15 दिवसीय प्रशिक्षण कार्यक्रम "समेकित उर्वरक प्रबंधन" के 19वें एवं 20 वैंच का आज समापन समारोह कृषि विज्ञान केंद्र पिपराकोठी में आयोजित किया गया। कार्यक्रम के मुख्य अतिथि सहायक निदेशक पौधा संरक्षण डॉ सुजीत नाथ मलिक ने प्रशिक्षणार्थियों को कहा की उर्वरक विक्रय हेतु लाइसेंस की प्रक्रिया को जल्दी आरंभ कर स्वरोजगार की दिशा में अग्रसर हो। कृषि विज्ञान केंद्र पिपराकोठी के वरीय वैज्ञानिक एवं प्रधान डॉ अरविंद कुमार सिंह ने प्रशिक्षणार्थियों को शुभकामनाएं देते हुए कहा कि इस रोजगार के माध्यम से किसानों की सेवा का उचित अवसर प्राप्त हो सकता है। कार्यक्रम में कृषि विज्ञान केंद्र के वैज्ञानिक डॉ शैलेंद्र कुमार रजक नेहा पारीक डॉ तेजस्विनी कपिल आनंद कुमार गायत्री कुमारी डॉ एन बी चानू, प्रज्ञा प्रियदर्शनी एवं सभी स्टाफ गण उपस्थित रहे।



Direct Seeded Rice (DSR) in (Var: R. Mansuri) village- Belwatiya under CRA program of KVK, Piprakothi.



Opening day of three days training on Scientific Bee Keeping in presence of Dr T P Mahto, PI, IBDC, Shri Randhir Bhardwaj, BHO, Kotwa, Ms Neha Pareek, SMS Agrometeorology, Dr N B Chanu, SMS Horticulture and Dr Gayatri Kumari Padhi, SMS Plant Protection at KVK Piprakothi.



Field visit to Chirayya block on design of pond under Amrit Sarovar Scheme



Exposure Visit of Farmers to Food Processing Unit



Closing ceremony of three days training on scientific bee keeping.



Demonstration and distribution of mango harvest among mango growers under FLD by SMS Ag Engineering and Farm Manager in KVK Piprakotho



Krishi Vigyan Kendra, Piprakoth, East Champaran organised Fertilizer Awareness Programme at Village- Dharmuha Parauliya, Motihari



Diagnostic field visit at Litchi and Mango Orchard of Jakhra, Ramna Village, East Champaran by Dr. Gayatri K. Padhi SMS Plant Protection and Dr. NB Chanu SMS Horticulture, KVK Piprakoth



Diagnostic field visit at Litchi and Mango Orchard of Jakhra, Ramna Village, East Champaran by Dr.



Air-layering in the guava plant is carried out for preparation of Its sapling.

Gayatri K. Padhi SMS Plant Protection and Dr. NB Chanu SMS Horticulture, KVK Piprakothi



Field visit on DSR plot sown through zero tillage machine at village- Belwatiya under CRA Program KVK, Piprakothi



Director Research Sir, RPCAU, Pusa visited Direct Seeded Rice (DSR) plot at village- Belwatiya sown under CRA Program KVK, Piprakothi.



Dr. K.G. Mandal Director ICAR-MGIFRI and Dr. S.K. Samal Soil Scientist MGIFRI Piprakothi delivered lectures followed by practical session during INM training program at KVK, Piprakothi. Meanwhile Mr. Ahmad N. Manjoor Chief Manager SBI, Motihari also interacted with trainees.



Mushroom unit Visited by KVK Piprakothi team under ARYA project at Damodarpur, Mehshi, East Champaran



Poultry unit visited by KVK Piprakothi team established under ARYA project at Mehshi, East Champaran



Field visit under CRA project for DSR done by KVK Piprakothi team at Madhopur Govind village, East Champaran



Lecture on Scientific Nursery Raising Techniques in Horticulture for RAWE students delivered by SMS Horticulture KVK Piprakothi

Preparation of ragi biscuits by RAWE students at Food Processing Unit KVK Piprakothi



Distribution of groundnut seeds among the farmers under Kharif season CFLD oilseed program.

MS (Horticulture) and SMS (Crop Production) participated and delivered lecture in Kharif Kisan Chaupal at Kesariya. The District Magistrate, East Champaran participated as chief guest and DAO, Motihari and other officials of agriculture department, Motihari are also present.



Off Campus training on Scientific cultivation practices of Dragon fruit at Sarotar Village, East Champaran conducted by SMS Horticulture and SMS SWE, KVK Piprakothi



Celebration of 94th Foundation Day of ICAR through live telecast of the publication of Success Stories of DFI farmers by Honble Agriculture Minister Shri Narendra Singh Tomar at KVK Piprakothi in presence of Shri Pramod Kumar Minister of Sugarcane and law, Govt of Bihar



कृषि विज्ञान केन्द्र, पिप्राकोठी में अमरूद के प्रसंकरण एवं मूल्यवर्धन को लेकर चार दिवसीय प्रशिक्षण कार्यक्रम का उदघाटन किया गया। कार्यक्रम के मुख्य अतिथि केवीके के प्रमुख डा अरविंद कुमार सिंह प्रशिक्षण में प्रशिक्षणार्थी का स्वागत किया और स्वरोजगार एवं परिवार का पोषण कैसे अभिवृद्धि किया जा सकता है, उसका मार्गदर्शन किए। प्रशिक्षण के संचालक डा प्रज्ञा प्रियदर्शनी पंडा प्रशिक्षण के गुरुत्व को दर्शाया और अमरूद के विभिन्न मूल्यवर्धित उत्पाद के बारे में बताया। केविके के वैज्ञानिक डा एन. ब. चानू, डा नेहा पारीक, डा गायत्री कुमारी एवं डा तेजस्विनी कपिल के सहित कई सदस्य उपस्थित थे।



District Agriculture Development Committee govt. of Bihar visited KVK, Piprakothi. Under this committee six MLAs from different districts including DAO & DHO of the district agriculture department E. Champaran is the part. Members interact with Sr. Scientist and Head, SMS and other technical staff of the Institution and took the overview of work carried out by KVK. They also visited different demonstration units of KVK and discussed different perspectives of developments for farmers. Committee members highly appreciated the works done by the KVK, Piprakothi.



Field training and demo on different mechanical weeders under OFT by SMS (Ag Engineering) and SRF at village Bairiya



Dr. Puspa Singh Madam, Deputy Director Extension Education, RPCAU, Pusa, SMS Home Science and SRF, KVK, Piprakothi and other officials from RPCAU, Pusa visited different Panchayats of different Blocks of East Champaran district for the implementation of Digital Training Project.



आज कृषि विज्ञान केंद्र पिपराकोठी में चार दिवसीय प्रशिक्षण कार्यक्रम "अमरूद का प्रसंस्करण एवं मूल्यवर्धन" का समापन समारोह आयोजित किया गया। केवीके के वरीय वैज्ञानिक एवं प्रधान डॉ अरविंद कुमार सिंह ने प्रशिक्षणार्थियों को आग्रह किया कि अमरूद के प्रसंस्कृत एवं मूल्य संवर्धित उत्पाद स्वरोजगार स्थापित करने की दिशा में महत्वपूर्ण कदम साबित हो सकते हैं। तथा इन सभी उत्पादों का एफएसएसआई पंजीकरण कराकर ब्रांड के रूप में स्थापित करने की आवश्यकता है। साथ ही इन उत्पादों को जीविका समूह तथा किसान उत्पादक समूह के माध्यम से बिक्री करके आमदनी का स्रोत स्थापित किया जा सकता है। समापन समारोह में केवीके के वैज्ञानिक प्रज्ञा प्रियदर्शनी पंडा, डॉ. एन बी चानू, नेहा पारीक, डॉक्टर तेजस्विनी कपिल, डॉक्टर गायत्री कुमारी पांडी एवं सभी स्टाफ गण उपस्थित रहे।



Shree Ramavtar Balmiki National Vice-president, BJP SC Morcha, Dr. Sudip Das State President west Bengal National Executive Member BJP, Shree Ramnaresh Tiwari National President Kisan Morcha and Shree K. Sridhar Reddy Ex- ICAR Member Telangana interact with Sr. Scientist and Head, SMS and other technical staff of the KVK, Piprakothi and took the overview of work carried out by the KVK. They also visited different demonstration units of KVK and discussed different perspectives of developments for farmers. He highly appreciated the work done by the KVK, Piprakothi.



Mrs. Arti Singh National Minister (BJP) and Mrs. Geetanjali Sharma National Executive policy and research Incharge (BJP) visited all the demonstration units established at KVK Piprakothi. They interacted with all the Scientists/ staff and appreciated the efforts of the entire team.



Off campus training and demonstration on usage of pheromone trap against rice pest-Lectures given by SMS Plant protection and SMS Soil and Water Engineering,KVK Piprakothi at Chandrahiya Village of Block-Motihari



KVK, Piprakothi organised off campus training program on topic Natural Farming at Village- Semra, East Champaran.



Field visit at Madhopur Govind on Alternate wetting and drying technique through perforated PVC pipe Installation in DSR under CRA program



Team KVK Piprakothi facilitated for their national award and best work in ARYA project by DDG, Extension, ADG, VC RPCAU Pusa, VC, BASU Patna, Director Atari Patna, country head CSISA during 5th annual zonal workshop at international convention center Nalanda



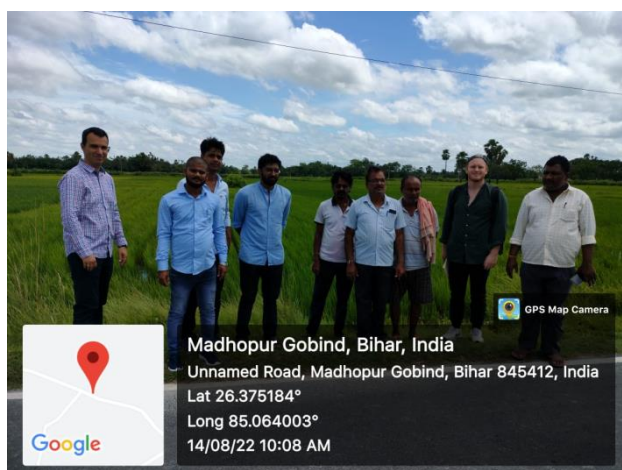
आज दिनांक 12.8.2022 को डॉ राजेंद्र प्रसाद केंद्रीय कृषि विश्वविद्यालय के पिपराकोठी मोतिहारी कैंपस में हर घर तिरंगा कैंपेन के अंतर्गत प्रभात फेरी का आयोजन किया गया। इस अवसर पर पंडित दीनदयाल उपाध्याय उद्यानिकी व वानिकी महाविद्यालय के अधिष्ठाता डॉक्टर आर.के. झा तथा कृषि विज्ञान केंद्र पिपराकोठी के वरीय वैज्ञानिक एवं प्रधान डॉ अरविंद कुमार सिंह, पशु प्रजनन उत्कृष्टता केंद्र के वैज्ञानिक एवं कृषि विज्ञान केंद्र के सभी वैज्ञानिक, स्टाफ गण तथा महाविद्यालय के छात्र-छात्राओं ने भागीदारी दी।



Hon'ble Union Cabinet Minister Shree R.K. Singh attended the "Har Ghar Tiranga" program organised by ICAR-MGIFRI. In this Program he was felicitated by the KVK, Piprakothi. After that he visited and interacted with the Senior Scientist and Head along with all the Scientists/ staff and appreciated the efforts made by the KVK for the betterment of the farming community.

27.

28.



Scientist and other members of team from Cornell University, USA visited CRA village Madhopur Govind, East Champaran. They looked the demonstrations conducted by KVK, Piprakothi under CRA, Program.



Krishi Vigyan Kendra, Piprakothi in collaboration with MGIFRI, Piprakothi celebrated 75th Independence Day of India. The programme was primarily chaired by respected Sri Radha Mohan Singh, Hon'ble, MP, Motihari & former Agriculture and Farmers Welfare Minister, GOI and Shri Pramod Kumar, MLA, Motihari & former Sugarcane & Law Minister, Bihar. 500 farmers linked under different projects of KVK and Media personals were falcitated by the distinguish guests. Furthermore, the Senior Scientist and Head along with the respective SMSs of Piprakothi and Parsauni were duly falcitated in the said programme.



75th Glorious years of Independence was celebrated at Krishi Vigyan Kendra Piprakothi, East Champaran



Cowpea seeds of variety 'Kashi Kanchan' was distributed among farmers of different blocks of East Champaran under FLD programme of KVK Piprakothi by SMS Horticulture



Director Research, Associate Director Research, Principal Investigator, CRA, Program, RPCAU, Pusa, officials of KVK, Piprakothi, Parsauni and CRA Program visited demonstrations under CRA program at East Champaran.



Vegetable production on the bund associate with pond of the Integrated Farming System Model of KVK, Piprakothi.



Exposure visit of Certificate course for Insecticide Management trainees of KVK Piprakothi to Mahatma Gandhi Integrated Farming Research Institute, Piprakothi (Motihari Campus)



जिलाधिकारी, पूर्वी चंपारण, मोतिहारी की अध्यक्षता में आज कृषि प्रौद्योगिकी प्रबंधन अभिकरण (आत्मा), मोतिहारी के तत्वधान में आत्मा शापी परिषद् की समीक्षा बैठक आयोजित की गई...

इस बैठक में जिलाधिकारी ने संबंधित विभागों को निर्देश दिए हैं कि आत्मा योजना के तहत बागवानी, गव्य विकास, पशुपालन, डेयरी, उद्यान को बढ़ावा देने के लिए संबंधित योजनाओं का लाभ किसानों को दिया जाए.

इस अवसर पर केवीके की ओर से डॉ तेजस्विनी एसएमएस कृषि अभियांत्रिकी ने जिला कृषि एवं संबद्ध विभाग के साथ बैठक में भाग लिया।



KVK Piprakothi in collaboration with Centre of Excellence in Bovine Research, RGM Piprakothi started training program entitled "Scientific Pig farming for self employment". Dr. Sumit Singhal Assoc.Prof and Incharge CoEIB and Dr. K.M. Kumar Assoc.Prof., RGM delivered lectures.

Certificate distribution and Valedictory of the training program entitled "Scientific Pig farming for self employment" jointly organised by KVK Piprakothi and CoEIB, RGM, Piprakothi.



Visit to Angawadi by team KVK Piprakothi under NARI programme



Today Dr. M.S. Kundu, DEE, Dr. P. P. Singh, Director Seed and Farm, Dr. P.P. Srivastava, Dean College of Fisheries, Dr. Shivendra Kumar, Associate professor and other professors from DRPCU, Pusa visited Paddy seed production area of KVK, piprakothi. Director Seed and Farm suggested valuable suggestion and appreciated by looking at the good performance of the paddy crop.



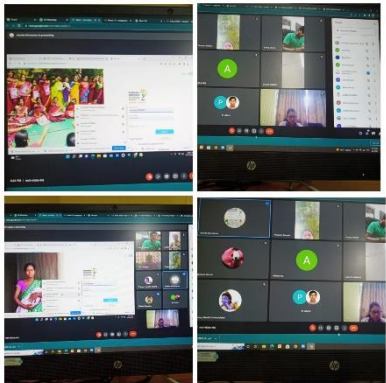
Today Tilapia Fish fingerling was introduced in the pond of Integrated Farming System model by Dr. M.S. Kundu Sir, DEE in the great presence of Dr. P. P. Singh, Director Seed and Farm, Dr. P.P. Srivastava, Dean College of Fisheries, Dr. Shivendra Kumar, Associate professor and other professors from DRPCU, Pusa.



Bijendra Prasad Gupta, Sikta, MLA visited Food Processing Unit at KVK, Piprakothi and appreciated the work.



Exposure visit and field level Identification of pest and diseases in Sugarcane, Maize and Paddy for trainees of Certificate course for Insecticide Management by KVK Piprakothi

	at Jamunia 
Preparation of Oyster mushroom bags by RAWE students at KVK Piprakothi	Inauguration of three days training programme on Food Processing under ARYA project at KVK, Piprakothi.
	
SMS- Home Science, KVK, Piprakothi attended the virtual meeting regarding Poshan Maah-2022 organized by District Coordinator, ICDS under NARI Project.	Distribution of saplings of Citrus and seedlings of Brinjal and Chilli in presence of Honourable Member of Parliament and former Agriculture Minister Shri Radhamohan Singh, Former Minister Government of Bihar, Shri Pramod Kumar, Senior Scientist and Head, KVK Piprakothi and other dignitaries under SCSP program by team KVK Piprakothi at Chandrahiya
	
Application of cow urine @ 200 ml/litre in natural farming demonstration unit at KVK, Piprakothi, East Champaran	INM trainees from KVK Madhopur, West Champaran visited different demonstration units established at KVK Piprakothi.



Valedictory and Certificate distribution programme of Training on Food Processing under ARYA Project at KVK, Piprakothi.



Farmers from KVK, Sheohar visited long-term experimental trial under CRA Program. They also visited all the demonstration unit established at KVK, Piprakothi.



Group of progressive farmers sponsored by ATMA Siwan visited different demonstration units established at KVK, Piprakothi.



Final examination (theory +viva) of 2nd batch of Certificate course of Insecticide management was successfully conducted at KVK Piprakothi by Dr Sujit Nath Mallick, ADPP, East Champaran, Dr T P Mahto, PI, IBDC, Dr Ram Babu Sharma, Assistant Professor, PDDUCHF and SMS Plant Protection



Officials of CSISA project under CIMMYT, Mexico namely Peter Craufurd, Senior Scientist and Country Representative for Nepal, Maxwell MKondiwa, Scientist (Agricultural Economist) and Dr. Ajay Kumar CSISA Hub In charge visited various trial plots under CSISA project of KVK Piprakothi. They further visited all the demonstration units laid under this KVK. Interaction with all the scientists of the KVK regarding various aspects of agriculture in Bihar was positively communicated. The program was duly mediated by Dr. A. K. Singh, Senior Scientist & Head, along with Mr. Rajesh Kumar, STA CSISA and Mr. Chandan Kumar, CSISA Staff under KVK Piprakothi, East Champaran



KVK, Piprakothi in collaboration with CoEIB, RGM started 3 days training program entitled "Scientific Goat farming for self employment." Dr. Krishna Mohan Kumar Senior Scientist, RGM delivered a lecture.



Valedictory and certificate distribution to trainees of "Scientific Goat farming for self employment" training program at KVK Piprakothi.



Luv Kush Agro Producer Company guided by KVK Piprakothi got best FPO award and was felicitated by Honble Union Agriculture Minister



Exposure visit cum travelling seminar at BISA farm, Pusa for CRA farmers of East Champaran District organized by KVK, Piprakothi & Parsauni .



An interactive session followed by group discussion was conducted with the Board of Directors, CEOs and MOs of different FPOs of East Champaran district by Dr. Ritambhara Singh, Associate Professor, ABM, DRPCAUI, Pusa at KVK Piprakothi.



KVK, Piprakothi, East Champaran organised one day training program and exposure visit for non-CRA farmers at Village- Balwa, Block- Chakia.



Celebration of Poshan Abhiyan and Plantation Programme at KVK, Piprakothi premises in collaboration with IFFCO in Honorable presence



Krishi Vigyan Kendra, Piprakothi installed stall at Charakha Park, Motihari to celebrate the occasion of Poshan

of Shri Radha Mohan Singh Ji, Member of Parliament, Ex-Union Minister of Ministry of Agriculture and Farmers Welfare, Govt of India.



Abhiyan and Vocal for Local Campaign.



आज कृषि विज्ञान केन्द्र, पिपराकोठी में दो दिवसीय प्रशिक्षण कार्यक्रम "स्वरोज्ज्वार के लिए मशरूम उत्पादन" विषय पर मुख्यमंत्री बागवानी मिशन योजना अंतर्गत प्रारंभ किया गया। कार्यक्रम के मुख्य अतिथि जिला उद्यान पदाधिकारी डॉ. अमरजीत कुमार राय, केविके के वरीय वैज्ञानिक व प्रधान डॉ. अरविन्द कुमार सिंह, सहायक प्राचार्य डॉ. रामबाबू शर्मा तथा सहायक प्राचार्य डॉ. राजीव कुमार श्रीवास्तव ने दीप प्रज्ज्वलन कर प्रशिक्षण कार्यक्रम का शुभारंभ किया।

KVK, Piprakothi, East Champaran organised one day training program and exposure visit for non-CRA farmers at Village- Balwa, Block- Chakia.



KVK East Champaran conducted exposure visit cum travelling seminar of CRA village farmers at KVK, Madhopur.

IFFCO -Motihari organised training program for Cooperative Societies under "Nano urea(liquid) awareness program" at KVK, Piprakothi. Chairman of Pacs, FPOs and progressive farmers were trained. SMS-Agromet and CSISA Reaserch Technician, KVK, Piprakothi delivered lectures.



SHG leaders from Comprehensive Health and Rural Development Society, Motihari visited different demonstration units established at KVK, Piprakothi.



Engagement of RAWE students in nursery raising of seasonal vegetables at KVK Piprakothi



Valedictory and certificate distribution to the trainees of "Scientific Cattle rearing for self employment" training program at KVK, Piprakothi.



RAWE students installed Pheromone Trap under paddy seed production area of KVK, Piprakothi. SMS plant protection and Farm Manager KVK, Piprakothi detailed the technique of installation.



Nursery bed preparation and sowing of cool season vegetables seeds by RAWE students at KVK Piprakothi



Mr. Abhishek General Secretary of Bihar Udhhami Sangh and his team interacted with progressive farmers at KVK, Piprakothi. They also visited different demonstration unit established at the centre.



Preparation of Low tunnel mini polyhouse by RAWE students at KVK Piprakothi for seedling production.



Sri Praveen Kumar (Trainee IAS), Assistant Collector, East Champaran visited different demonstration unit established at KVK, Piprakothi.



Preparation of low tunnel polyhouse and seed sowing of Papaya, parthenocarpic cucumber and chinese cabbage by RAWE students at KVK Piprakothi



Production of Oyster Mushroom at KVK Piprakothi



Swachata Abhiyan was organized in premises of KVK Piprakothi on the occasion on Gandhi Jayanti.



Exposure Visit of 26th batch of INM trainees to DRPCA, Pusa



Pruning of guava trees by RAWWE students at KVK Piprakothi farm Orchard



Inauguration of 3 days training program on "Food Processing for entrepreneurship development" under ARYA was started at KVK Piprakothi in presence of Senior Scientist and Head, KVK Piprakothi



One day off campus training programme and distribution of different vegetable seeds to various women SHGs was conducted at Chandariya and Motihari, East Champaran under Poshan Vatika programme of KVK Piprakothi in due presence of Shri Radha Mohan, Honourable MP, Shri Pramod Kumar, MLA Motihari, Shri Sanjiv Chaurasia, MLA Digha, Senior Scientist and Head, SMS Horticulture Piprakothi and Parsauni



Valedictory session and Certificate distribution programme of 26th INM batch was conducted today at KVK Piprakothi



Farmers departed from KVK, Piprakothi to attend Agri-startup conclave and Kisan Sammelan at ICAR-IARI, New Delhi.



SMS-Agromet KVK, Piprakothi attended webinar entitled "Role of Remote Sensing based Startups in Agriculture" organised by MANAGE -Hyderabad



Rashtriya Mahila Kisan Diwas and International Year for Farm Women was celebrated at KVK Piprakothi and seedlings of Brinjal and Tomato was distributed among farm women and jeevika farmers



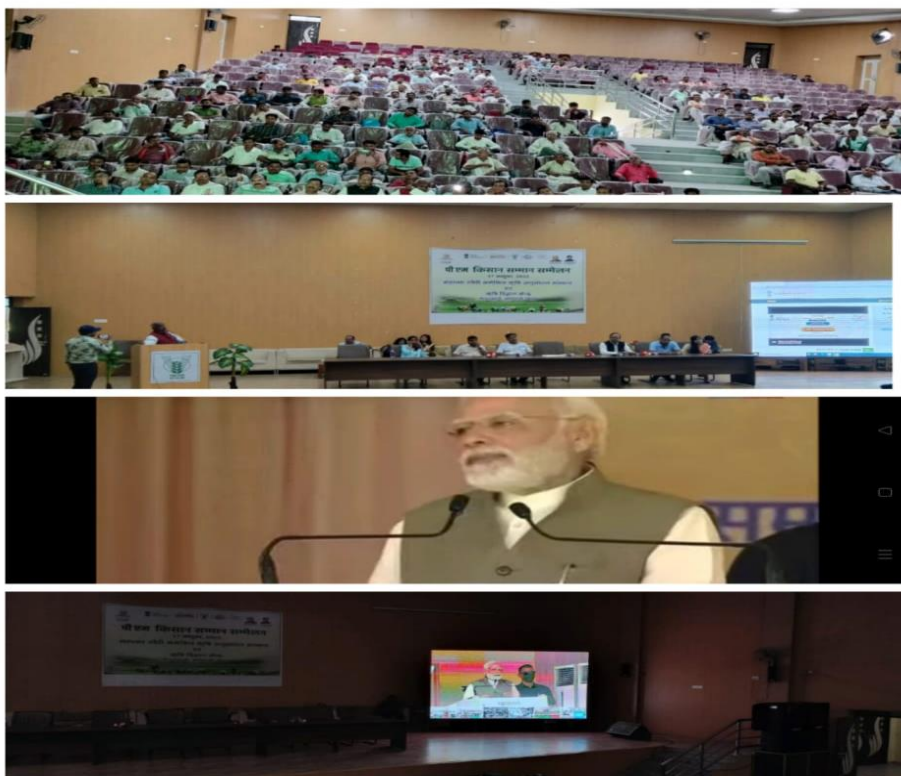
Valedictory ceremony of three days training program on Food Processing for entrepreneurship development under ARYA



Valedictory ceremony of two days training on Mushroom production was conducted at KVK Piprakothi in presence of Dr Ram Babu

was conducted at KVK Piprakothi

Sharma, Assistant Professor, Plant Pathology, PDDUCHF along with completion of hands on training in Mushroom production



KVK Piprakothi organised Live telecast of PM Kisan Sanman program in collaboration with ICAR-MGIFRI, Piprakothi. Chief guest of today program Sri Pramod Kumar Hon'ble MLA and Ex-Sugarcane and Law minister, Government of Bihar.



Cleaning of office and KVK premises along with disposal of scraps under Swachata Abhiyan Campaign at KVK Piprakothi



Hard Pruning in Guava Orchard done by RAWE students



Diagnostic Field Visit at Village - Madhuban, Block-Chakia for pest infestation in vegetables by SMS Plant Protection and Senior Scientist and Head, KVK Piprakothi, and Identification of root maggots in Raddish and Black Rot in Crucifers was done alongside management strategies was explained



District level Rabi Workshop & Training Program-2022 organised by ATMA, East Champaran in the premises of KVK Piprakothi. On this occasion, Shri Pramod Kumar ji, MLA Motihari & ex-sugarcane and law minister, Bihar was chief guest, Shri Rana Randhir Singh ji, MLA Madhuban and Shri Shyambabu Yadav ji, MLA Pipra was special guest, Sr. Scientist & Head, KVK Piprakothi and Sr. Scientist & Head, KVK, Sheohar, DAO, Motihari, SAO's, all scientist/ staff of KVK, Piprakothi & KVK, Parsauni and all agil. extension worker of East Champaran district were participated.



Stall of Food Processing Unit of KVK, Piprakothi in District Level Rabi Maha Abhiyan Programme at KVK premises.



Pricking of king chilli seedlings at nursery of KVK Piprakothi



Manuring of pruned guava orchards at KVK Piprakothi



Swachata Abhiyan conducted at an anganwadi at Jhakra by team KVK Piprakothi which comprised cleaning of the anganwadi campus and creating awareness about cleanliness among the children

आज स्वच्छता अभियान 2 के अंतर्गत कृषि विज्ञान केन्द्र, Piprakothi के तत्वावधान में Chakia प्रखंड के jamuniya ग्राम के प्राथमिक विद्यालय और संकट मोचन मंदिर में सफाई का कार्यक्रम किया गया, साथ ही 25 से 30 किसान तथा ग्राम बासी भी इस कार्यक्रम में सामिल थे। विद्यालय के बच्चे भी इस स्वच्छता अभियान में उपस्थित थे और उनको भी स्वच्छ और साफ़ रहने के उपाय और उपयोगिता दोनों ही समझाया गया और स्वच्छता का संकल्प भी लिया गया।



कृषि विज्ञान केंद्र पीपरा कोठी से निशुल्क धान की बीज प्राप्त कर कृषक विकास समिति मोतिहारी के सुगौली प्रखण्ड के खुटीअरवा गांव के कृषक महिला सदस्यों ने लगाकर धान की उपज बढ़ाई जिसके लिए कृषि विज्ञान केंद्र पीपरा कोठी के मुख्य वैज्ञानिक अरविंद सिंह तथा आनंद जी को हार्दिक बधाई एवं शुभकामनाएं : -उमाशंकर प्रसाद अध्यक्ष कृषक विकास समिति मोतिहारी



Harvesting and sell of Nagpur Mandarin at KVK Piprakothi



KVK, Piprakothi celebrated National Unity Day on the occasion of the birth anniversary of the Architect of India's Unity and Integrity, "Iron Man of India" Sardar Vallabhbhai Patel. On this occasion Shri Pramod Kumar, Present MLA and ex-Minister, Sugarcane Industry and Law, Govt. of Bihar pay his tribute by garlanding.



Early Sowing of Wheat at Balwa, Chakia under CSISA Project



Valedictory and certificate distribution to the INM trainees of batch 27th at KVK, Piprakothi.



SMS, Crop Production, KVK, Piprakothi delivered lecture in training program organised by ICAR-MGIFRI, Motihari at Tetariya, East Champaran.



Diagnostic field Visit was conducted at Panoliya Village in Papaya orchard, chilli and brinjal field by KVK Piprakothi team



Early Sowing of Wheat(HD 2967) at Sagar Churaman, Kotwa, East Champaran under KVK-CSISA Project



SMS Plant Protection, KVK Piprakothi delivered lecture on pest management of Rabi Crops in a training program organized by ICAR-MGIFRI, Motihari at Ojhilpur, Block-Tetariya



Preparation of salted aonla and aonla preserve (Murabba) by RAWF students under KVK Piprakothi



Sowing of vegetable pea in guava orchard was done as intercrop by RAWE students from TCA, Dholi at KVK Piprakothi farm



RAWE students participated in preparation of Aonla Murabba at KVK Piprakothi



Sowing of lentil through zero tillage machine at Bairiya under CRA Program, East Champaran.



Orientation programme for RAWE and RHWE students from TCA, Dholi and PDDUCH&F, Piprakothi was conducted at KVK Piprakothi in due presence of College officials and village resource persons



Preparation of guava RTS by RAWE students at KVK Piprakothi



Two days training programme on Natural Farming was inaugurated followed by lecture session at KVK Piprakothi



Today RHWE students from PDDUCoH&F engaged in different activity carried out in KVK, Piprakothi. Students were imparted hands-on training on Nursery management, orchard management, hitech horticulture and landscaping.



Yield estimation of groundnut under CFLD program



Preparation of Amla Laddu and Amla Candy in Food Processing Unit at KVK, Piprakothi.

KVK, Piprakothi in collaboration with CoEIB, RGM, Piprakothi inaugurated three days training program entitled "Scientific Goat farming for self employment". Dr. Sumit Singhal Assoc. Professor and Incharge CoEIB delivered lecture.



Valedictory session was conducted for 2 days training programme on Natural Farming at KVK Piprakothi preceded by hands on training for preparation of Jeevamrit, Neemastra and Beejamrit



Village Survey by RAWE Students of TCA-DHOLI to Village Chandrahiya which comprised interaction with farmers, Crop calendar and identification of pest and diseases in Paddy and Sugarcane.



Sowing of vegetable pea var. Kashi Udai under FLD programme of SMS Horticulture, KVK Piprakothi



Champapur village visit along with District administration officials regarding monitoring and evaluation of Solid and Liquid waste management unit by SMS Ag Engineering....



Attachment of RHWE, PDDCH&F students under nursery and citrus orchard at KVK Piprakothi.



Village Survey under RAWF conducted by students of TCA-Dholi, at Village-Jamuniya, Block-Chakia which comprised interaction with farmers, survey of the natural resources, Crop calendar and timeline of the village.



RAWE students conducted soil testing, repotting and vegetable transplantation at KVK Piprakothi



Preparation of different millet based bakery products by using residual Whey water for more nutritional benefits in Food Processing Unit, KVK, Piprakothi.



PRA Activities conducted by students of TCA-Dholi under supervision of KVK Piprakothi



MBA (ABM) students of KIIT School of Rural Management visited the Piprakothi Agro Producer Company, one of the FPO



RAWE Students from TCA, Dholi learn about ODK data collection by Dr Ajay Singh, hub manager CSISA project

formed under KVK, Piprakothi under Rural Immersion Programme.



Students enrolled in RAWE and RHWE programme from TCA, Dholi and PDDUCHE, Piprakothi under KVK Piprakothi presented their schedule activities and interacted with Sri. Ashok Kapil, DM, East Champaran and various officials of Agriculture and Horticulture Department at RadhaKrishna Bhawan, Motihari. Senior Scientist and Head, KVK Piprakothi, Dean, PDDUCHE, Professors, SMSs and Farm Manager attended actively in the said programme. The activities taken up by students were much appreciated and encouraged for future endeavors.



400 School Children from Shanti Niketan Public School, Harpur, Piprakothi visited different demonstration Units of KVK, Piprakothi on the occasion of Children's Day.

ABM students under Rural Immersion Programme visited poultry farm, sugarcane field and banana orchard of farmers connected with FPO (Piprakothi Agro Producer Company Ltd.)



Layout and Preparation of bed in shade net house for transplanting Local king chilli



Preparation of PDA media for slant culture of Oyster Mushroom by RAWE students

landraces from Manipur by RAWE students, TCA, Dholi under KVK Piprakothi



RHWE students from PDDUCoH&F have obtained experiential learning on different aspects of horticulture like orchard management, lawn management, kitchen gardening and crop cultivation under protected condition under unit attachment program at KVK, Piprakothi.



Visit to Mushroom Unit of Vijay Kumar, which comprised Oyster Mushroom and Button Mushroom by team KVK Piprakothi at Village-Amawa, Block-Turkauliya along with Shri Randhir Bhardwaj, BHO, Kotwa, he had started his first venture after receiving training from KVK



Honourable Vice Chancellor, Dr. P. S. Pandey visited various demonstration units established under KVK, Piprakothi in due presence of DEE, Dr. M. S. Kundu. The activities of KVK were highly appreciated and motivated with valuable suggestions. Moreover, interaction programme with RAWE students from TCA, Dholi and RHWE students of PDDUCH&F attached under KVK Piprakothi was conducted where he acknowledges the significance of practical exposure and inspire them for academic career.



Sowing of beejamrit treated Potato seed tubers (var. C-1) at Jasolipatti, Kotwa, East Champaran under Natural Farming programme of KVK Piprakothi



Layout Preparation of Nutri-garden under NARI project by KVK, Piprakothi team at Anganwadi Centre, Jhakra, Piprakothi.



Sowing of wheat (Var. DBW-222) under seed production program at KVK, Piprakothi.



Sowing of Wheat var. DBW-187 (Karan Vandana) at Parsurampur, East Champaran under Natural Farming programme of KVK Piprakothi



Senior Scientist & Head along with SMS, Crop Production, KVK Piprakothi participated in Krishi Abhiyantrikaran sah upadan Mela organised by District Agriculture Department at Motihari.



Celebration of National Constitution Day at KVK, Piprakothi with RAW and RHWE students.



Today Sri Radha Mohan Singh ji, Honourable Member of Parliament, Motihari and former agriculture union minister GOI chaired the meeting of FPOs president and CEOs. During this meeting, Dr. A.K Singh, Senior Scientist and Head and Dr. S.K. Purbey, Principal scientist, Horticulture from ICAR- MGIFRI and all Scientists and staffs of KVK, Piprakothi were also present.



Two days training program on Natural farming was concluded today and Jeevamrit was prepared in practical session of the training program under KVK Piprakothi



DDM, NABARD, interacted with Students enrolled in RAWE and RHWE programme from TCA, Dholi and PDDUCHF, Piprakothi under KVK Piprakothi. They detail modus of operandi of NABARD and also explained carrier prospective to the students.



I budding (Rootstock- Lime, Scion-Sweet Orange)was done by RAWE students under KVK Piprakothi



PRA was conducted by RAWE students at Jhakhra, East Champaran under KVK Piprakothi



KVK piprakothi organised word soil day with the theme Soil: where food begins. In this program Senior Scientist and Head, Dr. Arvind Kumar Singh and Dr. A. P. Rakesh Assistant Professor PDDUCH delivered lectures on the soil health and integrated nutrient management to enhance crop production. Soil health cards were also distributed among the farmers. All the scientists and staff of KVK were also present.



SMS-Ag Engineering and SMS-Plant protection conducted training programme for extension functionaries organised by DRDA under solid liquid waste management scheme on Waste processing unit and making compost from organic waste.



Construction of Poshan Vatika "Ganga Ma Mandal Model" is in progress in KVK, Piprakothi



Kisan Mahila Gosthi cum Training Programme on "Poshan Vatika Construction and Management" to Farm Women, Anganwadi Sevika, ICDS Supervisor and CDPOs in dignified presence of Shri Radha Mohan Singh, Hon'ble MP, Motihari, Former Union Minister of Agriculture and Farmers Welfare, Shri Pramod Kumar, MLA, Motihari, Ex- Sugarcane and Law Minister, Bihar Govt., Shri Shyam Babu Yadav, MLA, Pipra, Dr. A.K. Singh, Dean, TCA, Dholi, Dr. Krishna Kumar, Dean, PDDUCHF, Piprakothi, Dr. A.K. Singh, Senior Scientist and Head, KVK, Piprakothi. All Scientists and Staffs of KVK were also actively engaged in the programme.



SMS- Ag Engineering and SMS- Plant Protection attended Orientation workshop conducted by District Administration on components of ODF Plus including solid and liquid waste management for the head and employees of the Panchayats Raj Sanstha who's Gram Panchayats selected in the financial year 2022-23 (110 Gram Panchayats selected in the financial year 2022-23) and given training on Solid liquid waste management



SMS Plant Protection, SMS Ag Engineering and Farm Manager attended discussion meeting on 4th Agricultural Road map for Bihar state conducted by District Administration



Kisan Diwas 2022 was celebrated at Krishi Vigyan Kendra, Piprakothi, East Champaran with due participation of farmers from different blocks of the district under the theme of 'Natural Farming'



KVK, Piprakothi celebrated National Farmers Day in collaboration with District Agriculture Department and felicitated ten Best Farmers of Agriculture and allied sectors of the East Champaran District.



Evaluation of RAWE programme for TCA Dholi was conducted at KVK Piprakothi through oral presentation, video presentation and report submission in due presence of Senior Scientist and Head, SMSs and Farm Manager of KVK Piprakothi, East Champaran-I



Distribution of Mushroom production kits to trainees under ARYA by KVK Piprakothi.



One day awareness programme on Natural farming organized at KVK Parsauni in association with KVK Piprakothi. In the programme SMS Horticulture KVK Piprakothi & Parsauni along with SMS Soil Science, Entomology and Fisheries given their lectures amongst farmers. All the supporting staff were also present.



Under village attachment program students from PDDUCoH&F visited Sirsiya and Amuwa village where they monitor different fruit orchards, strawberry cultivation, vegetable nursery and herbal garden and its distillation unit. They also went to the SDO office of Areraj and interacted with SDM & other officials. Apart from this they also visited the fruit processing industry "YAS". More over they also went to KVK Parsauni where they visited poshan vatika, natural farming unit, and floriculture unit. During the visit Dean, PDDUCoH&F and Senior Scientist & Head, KVK, Piprakothi were present for encouragement of students.



Processing Of Different Millets such as Finger Millet, Proso Millet, Kodo Millet, Pearl Millet, Foxtail Millet, Little Millet at Food Processing Unit, KVK, Piprakothi.

Photographs of Activities



Hon'ble Shri Parsottam Rupala, Minister of Fisheries, Animal Husbandry and Dairying, Govt. of India, Shri Radha Mohan Singh, Present Hon'ble MP, Motihari, Ex-Union Agri. Minister and Govt. of India, Shri Mangal Pandey, Hon'ble Minister, Ministry of Health, Govt. of Bihar, Shri Pramod Kumar, Hon'ble Minister, Ministry of law and Sugarcane industry, Govt. of Bihar, Minesh Shah, Chairman, NDDB, Hon'ble VC, RPCAU, Pusa, Samastipur, Hon'ble VC, BASU, Patna, Director, ATARI, Patna, Pusa, Director, ICAR-MGIFRI, DEE, RPCAU in Pashu Arogya cum Krishi Unnati Mela Sah Udyaan Mahatsov-2022



Hon'ble Shri Tara Kishore Prasad, Deputy Chief Minister, Govt. of Bihar,



Shri Vijay Kumar Sinha ji, Hon'ble Speaker of the Legislative Assembly, Bihar, Shri Radha Mohan Singh, Present Hon'ble MP, Motihari, Ex-Union Agri. Minister and Govt. of India, Shri Sushil Modi ji, Hon'ble Rajya Sabha MP, Smt. Rama Devi ji, Hon'ble MP, Sheohar, Shri Pramod Kumar, Hon'ble Minister, Sugarcane Industries and Law Department, Government of Bihar, Hon'ble VC, RPCAU, Pusa, Samastipur, Director, ATARI, Patna, Pusa, Director, ICAR-MGIFRI, DEE, RPCAU in Pashu Arogya cum



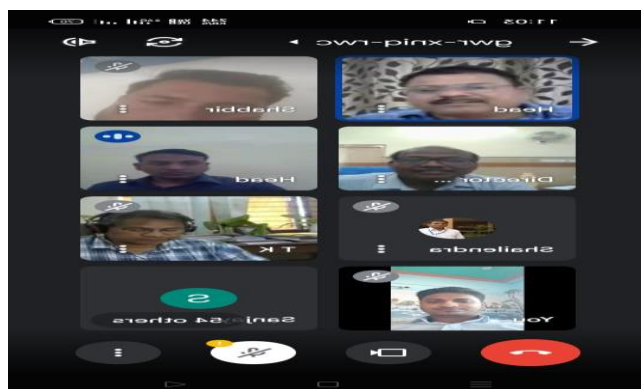
Demonstration of Kishan Drones in Pashu Arogya cum Krishi Unnati Mela Sah Udyaan Mahatsov-2022

Krishi Unnati Mela Sah Udyaan Mahatsov-2022



Inauguration of 19 and 20th Batch INM training program

Compost making from water hyacinth of Motijhil, Motihari under the supervision of KVK, Piprakothi team.



KVK, Piprakothi organized e-Kisan Chaupal on the topic problems of infertility and subfertility in animals and their management. On this occasion Director, Ext. Edu., DRPCA, Pusa was chief guest, DDE-I and DDE-II as distinguished guest and also address the farmers. Dr. T.K. Mohanty, Principal Scientist, ARGO/ABRC, NDRI, Karnal and Dr. Ravindra Kumar, Head, LPM, RVC, Kanke, Ranchi delivered lectures among the farmers as subject experts. SS& Head, and SMS (Vet. Sci.) delivered welcome and valedictory note respectively. In this programme about 95 farmer and all the scientists and staff of KVK, Piprakothi/parsauni were participated.



KVK Piprakothi, East Champaran organized Garib Kalyan sammellan event virtually Inaugrated by Hon'ble Prime Minister of India Shri Narendra Modi Ji at Shimla with all the KVK staffs, ATMA officials and our farmers.



Land Leveling through laser land leveler at Madhopur Govind village under CRA program of KVK, Piprakothi.



Field visit of ZT moong bean under CRA programme by KVK, Piprakothi scientists at Bairiya Village.



Direct Seeded Rice (DSR) (Var: Rajshree) in Laser land leveling field at village- Belwatiya under CRA program of KVK, Piprakothi.



Direct Seeded Rice (DSR) in Rice Wheat cropping system (Var: R. Mansuri) after Laser land leveling at village- Belwatiya under CRA program of KVK, Piprakothi.



Site visit for implementation of Sukhet Model at Champapur, Ramgadhwa, East Champaran.



KVK Piprakothi organised "Prayavaran Sanrakshan hetu Krishak Ghosti and Plantation Program" on the occasion of "World Environment day" sponsored by IFFCO Motihari. On this occasion the chief guest was Hon'ble Sugarcane and Law Minister Gov.of Bihar Shree Pramod Guptaji. State Marketing Officer of IFFCO Shree Someshwar ji, Senior Scientist and Head of KVK, Area Manager of IFFCO and all the Scientists/Staff also participated in the program. About 87 farmers and farm women were present in the ghosti. 2 Neem saplings were given to each farmer.



Exposure visit to RPCAU,Pusa,Samastipur of INM Training batch 19th and 20th of KVK Piprakothi.



Construction of Drainage cum Ground water recharges structure at Madhopur Govind village under CRA Programme.



Diagnostic field visit at Kataha, Loknathpur by Dr. A. K Singh, Senior Scientist and Head and Dr. N.B Chanu, SMS Horticulture KVK Piprakothi



Promotion of Milky Mushroom Cultivation under Front Line Demonstration Programme by Pragnya Priyadarshini Panda, SMS Home Science at KVK, Piprakothi, East Champaran.



15 दिवसीय प्रशिक्षण कार्यक्रम "समेकित उर्वरक प्रबंधन" के 19वें एवं 20 बैच का आज समापन समारोह कृषि विज्ञान केंद्र पिराकोठी में आयोजित किया गया। कार्यक्रम के मुख्य अतिथि सहायक निदेशक पौधा संरक्षण डॉ सुजीत नाथ मलिक ने प्रशिक्षणार्थियों को कहा की उर्वरक विक्रय हेतु लाइसेंस की प्रक्रिया को जल्दी आरंभ कर स्वरोजगार की दिशा में अग्रसर हो। कृषि विज्ञान केंद्र पिराकोठी के वरीय वैज्ञानिक एवं प्रधान डॉ अरविंद कुमार सिंह ने प्रशिक्षणार्थियों को शुभकामनाएं देते हुए कहा कि इस रोजगार के माध्यम से किसानों की सेवा का उचित अवसर प्राप्त हो सकता है। कार्यक्रम में कृषि विज्ञान केंद्र के वैज्ञानिक डॉ शैलेंद्र कुमार रजक नेहा पारीक डॉ तेजस्विनी कपिल आनंद कुमार गायत्री कुमारी डॉ एन बी चानू, प्रज्ञा प्रियदर्शनी एवं सभी स्टाफ गण उपस्थित रहे।



Direct Seeded Rice (DSR) in (Var: R. Mansuri) village- Belwatiya under CRA program of KVK, Piprakothi.



Opening day of three days training on Scientific Bee Keeping in presence of Dr T P Mahto, PI, IBDC, Shri Randhir Bhardwaj, BHO, Kotwa, Ms Neha Pareek, SMS Agrometeorology, Dr N B Chanu, SMS Horticulture and Dr Gayatri Kumari Padhi, SMS Plant Protection at KVK Piprakothi.



Field visit to Chirayya block on design of pond under Amrit Sarovar Scheme



Exposure Visit of Farmers to Food Processing Unit



Closing ceremony of three days training on scientific bee keeping.



Demonstration and distribution of mango harvest among mango growers under FLD by SMS Ag Engineering and Farm Manager in KVK Piprakotho



Krishi Vigyan Kendra, Piprakothi, East Champaran organised Fertilizer Awareness Programme at Village- Dharmuha Parauliya, Motihari



Diagnostic field visit at Litchi and Mango Orchard of Jakhra, Ramna Village, East Champaran by Dr. Gayatri K. Padhi SMS Plant Protection and Dr. NB Chanu SMS Horticulture, KVK Piprakothi



Diagnostic field visit at Litchi and Mango Orchard of Jakhra, Ramna Village, East Champaran by Dr.



Air-layering in the guava plant is carried out for preparation of Its sapling.

Gayatri K. Padhi SMS Plant Protection and Dr. NB Chanu SMS Horticulture, KVK Piprakothi



Field visit on DSR plot sown through zero tillage machine at village- Belwatiya under CRA Program KVK, Piprakothi

Director Research Sir, RPCAU, Pusa visited Direct Seeded Rice (DSR) plot at village- Belwatiya sown under CRA Program KVK, Piprakothi.



Dr. K.G. Mandal Director ICAR-MGIFRI and Dr. S.K. Samal Soil Scientist MGIFRI Piprakothi delivered lectures followed by practical session during INM training program at KVK, Piprakothi. Meanwhile Mr. Ahmad N. Manjoor Chief Manager SBI, Motihari also interacted with trainees.

Mushroom unit Visited by KVK Piprakothi team under ARYA project at Damodarpur, Mehshi, East Champaran



Poultry unit visited by KVK Piprakothi team established under ARYA project at Mehshi, East Champaran



Field visit under CRA project for DSR done by KVK Piprakothi team at Madhopur Govind village, East Champaran



Lecture on Scientific Nursery Raising Techniques in Horticulture for RAWE students delivered by SMS Horticulture KVK Piprakothi

Preparation of ragi biscuits by RAWE students at Food Processing Unit KVK Piprakothi



Distribution of groundnut seeds among the farmers under Kharif season CFLD oilseed program.

MS (Horticulture) and SMS (Crop Production) participated and delivered lecture in Kharif Kisan Chaupal at Kesariya. The District Magistrate, East Champaran participated as chief guest and DAO, Motihari and other officials of agriculture department, Motihari are also present.



Off Campus training on Scientific cultivation practices of Dragon fruit at Sarotar Village, East Champaran conducted by SMS Horticulture and SMS SWE, KVK Piprakothi



Celebration of 94th Foundation Day of ICAR through live telecast of the publication of Success Stories of DFI farmers by Honble Agriculture Minister Shri Narendra Singh Tomar at KVK Piprakothi in presence of Shri Pramod Kumar Minister of Sugarcane and law, Govt of Bihar



कृषि विज्ञान केन्द्र, पिप्राकोठी में अमरूद के प्रसंकरण एवं मूल्यवर्धन को लेकर चार दिवसीय प्रशिक्षण कार्यक्रम का उदघाटन किया गया। कार्यक्रम के मुख्य अतिथि केवीके के प्रमुख डा अरविंद कुमार सिंह प्रशिक्षण में प्रशिक्षणार्थी का स्वागत किया और स्वरोजगार एवं परिवार का पोषण कैसे अभिवृद्धि किया जा सकता है, उसका मार्गदर्शन किए। प्रशिक्षण के संचालक डा प्रज्ञा प्रियदर्शनी पंडा प्रशिक्षण के गुरुत्व को दर्शाया और अमरूद के विभिन्न मूल्यवर्धित उत्पाद के बारे में बताया। केविके के बैज्ञानिक डा एन. ब. चानू, डा नेहा पारीक, डा गायत्री कुमारी एवं डा तेजस्विनी कपिल के सहित कई सदस्य उपस्थित थे।



District Agriculture Development Committee govt. of Bihar visited KVK, Piprakothi. Under this committee six MLAs from different districts including DAO & DHO of the district agriculture department E. Champaran is the part. Members interact with Sr. Scientist and Head, SMS and other technical staff of the Institution and took the overview of work carried out by KVK. They also visited different demonstration units of KVK and discussed different perspectives of developments for farmers. Committee members highly appreciated the works done by the KVK, Piprakothi.



Field training and demo on different mechanical weeders under OFT by SMS (Ag Engineering) and SRF at village Bairiya



Dr. Puspa Singh Madam, Deputy Director Extension Education, RPCAU, Pusa, SMS Home Science and SRF, KVK, Piprakothi and other officials from RPCAU, Pusa visited different Panchayats of different Blocks of East Champaran district for the implementation of Digital Training Project.



आज कृषि विज्ञान केंद्र पिपराकोठी में चार दिवसीय प्रशिक्षण कार्यक्रम "अमरूद का प्रसंस्करण एवं मूल्यवर्धन" का समापन समारोह आयोजित किया गया। केवीके के वरीय वैज्ञानिक एवं प्रधान डॉ अरविंद कुमार सिंह ने प्रशिक्षणार्थियों को आग्रह किया कि अमरूद के प्रसंस्कृत एवं मूल्य संवर्धित उत्पाद स्वरोजगार स्थापित करने की दिशा में महत्वपूर्ण कदम साबित हो सकते हैं। तथा इन सभी उत्पादों का एफएसएसआई पंजीकरण कराकर ब्रांड के रूप में स्थापित करने की आवश्यकता है। साथ ही इन उत्पादों को जीविका समूह तथा किसान उत्पादक समूह के माध्यम से बिक्री करके आमदनी का स्रोत स्थापित किया जा सकता है। समापन समारोह में केवीके के वैज्ञानिक प्रजा प्रियदर्शनी पंडा, डॉ. एन बी चानू, नेहा पारीक, डॉक्टर तेजस्विनी कपिल, डॉक्टर गायत्री कुमारी पांडी एवं सभी स्टाफ गण उपस्थित रहे।



Shree Ramavtar Balmiki National Vice-president, BJP SC Morcha, Dr. Sudip Das State President west Bengal National Executive Member BJP, Shree Ramnaresh Tiwari National President Kisan Morcha and Shree K. Sridhar Reddy Ex- ICAR Member Telangana interact with Sr. Scientist and Head, SMS and other technical staff of the KVK, Piprakothi and took the overview of work carried out by the KVK. They also visited different demonstration units of KVK and discussed different perspectives of developments for farmers. He highly appreciated the work done by the KVK, Piprakothi.



Mrs. Arti Singh National Minister (BJP) and Mrs. Geetanjali Sharma National Executive policy and research Incharge (BJP) visited all the demonstration units established at KVK Piprakothi. They interacted with all the Scientists/ staff and appreciated the efforts of the entire team.



Off campus training and demonstration on usage of pheromone trap against rice pest-Lectures given by SMS Plant protection and SMS Soil and Water Engineering,KVK Piprakothi at Chandrahiya Village of Block-Motihari



KVK, Piprakothi organised off campus training program on topic Natural Farming at Village- Semra, East Champaran.



Field visit at Madhopur Govind on Alternate wetting and drying technique through perforated PVC pipe Installation in DSR under CRA program



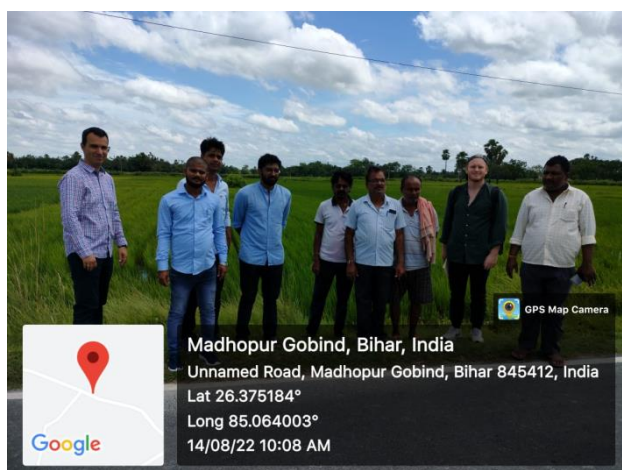
Team KVK Piprakothi facilitated for their national award and best work in ARYA project by DDG, Extension, ADG,VC RPCAU Pusa,VC,BASU Patna,Director Atari Patna,country head CSISA during 5th annual zonal workshop at international convention center Nalanda



आज दिनांक 12.8.2022 को डॉ राजेंद्र प्रसाद केंद्रीय कृषि विश्वविद्यालय के पिपराकोठी मोतिहारी कैंपस में हर घर तिरंगा कैंपेन के अंतर्गत प्रभात फेरी का आयोजन किया गया। इस अवसर पर पंडित दीनदयाल उपाध्याय उद्यानिकी व वानिकी महाविद्यालय के अधिष्ठाता डॉक्टर आर.के. झा. तथा कृषि विज्ञान केंद्र पिपराकोठी के वरीय वैज्ञानिक एवं प्रधान डॉ अरविंद कुमार सिंह, पशु प्रजनन उत्कृष्टता केंद्र के वैज्ञानिक एवं कृषि विज्ञान केंद्र के सभी वैज्ञानिक, स्टाफ गण तथा महाविद्यालय के छात्र-छात्राओं ने भागीदारी दी।



Hon'ble Union Cabinet Minister Shree R.K. Singh attended the "Har Ghar Tiranga" program organised by ICAR-MGIFRI. In this Program he was felicitated by the KVK, Piprakothi. After that he visited and interacted with the Senior Scientist and Head along with all the Scientists/ staff and appreciated the efforts made by the KVK for the betterment of the farming community.



Scientist and other members of team from Cornell University, USA visited CRA village Madhopur Govind, East Champaran. They looked the demonstrations conducted by KVK, Piprakothi under CRA, Program.



Krishi Vigyan Kendra, Piprakothi in collaboration with MGIFRI, Piprakothi celebrated 75th Independence Day of India. The programme was primarily chaired by respected Sri Radha Mohan Singh, Hon'ble, MP, Motihari & former Agriculture and Farmers Welfare Minister, GOI and Shri Pramod Kumar, MLA, Motihari & former Sugarcane & Law Minister, Bihar. 500 farmers linked under different projects of KVK and Media personals were falcitated by the distinguish guests. Furthermore, the Senior Scientist and Head along with the respective SMSs of Piprakothi and Parsauni were duly falcitated in the said programme.



75th Glorious years of Independence was celebrated at Krishi Vigyan Kendra Piprakothi, East Champaran



Cowpea seeds of variety 'Kashi Kanchan' was distributed among farmers of different blocks of East Champaran under FLD programme of KVK Piprakothi by SMS Horticulture



Director Research, Associate Director Research, Principal Investigator, CRA, Program, RPCAU, Pusa, officials of KVK, Piprakothi, Parsauni and CRA Program visited demonstrations under CRA program at East Champaran.



Vegetable production on the bund associate with pond of the Integrated Farming System Model of KVK, Piprakothi.



Exposure visit of Certificate course for Insecticide Management trainees of KVK Piprakothi to Mahatma Gandhi Integrated Farming Research Institute, Piprakothi (Motihari Campus)



जिलाधिकारी, पूर्वी चंपारण, मोतिहारी की अध्यक्षता में आज कृषि प्रौद्योगिकी प्रबंधन अभिकरण (आत्मा), मोतिहारी के तत्वधान में आत्मा शापी परिषद् की समीक्षा बैठक आयोजित की गई...

इस बैठक में जिलाधिकारी ने संबंधित विभागों को निर्देश दिए हैं कि आत्मा योजना के तहत बागवानी, गव्य विकास, पशुपालन, डेयरी, उद्यान को बढ़ावा देने के लिए संबंधित योजनाओं का लाभ किसानों को दिया जाए.

इस अवसर पर केवीके की ओर से डॉ तेजस्विनी एसएमएस कृषि अभियांत्रिकी ने जिला कृषि एवं संबद्ध विभाग के साथ बैठक में भाग लिया।



KVK Piprakothi in collaboration with Centre of Excellence in Bovine Research, RGM Piprakothi started training program entitled "Scientific Pig farming for self employment". Dr. Sumit Singhal Assoc.Prof and Incharge CoEIB and Dr. K.M. Kumar Assoc.Prof., RGM delivered lectures.

Certificate distribution and Valedictory of the training program entitled "Scientific Pig farming for self employment" jointly organised by KVK Piprakothi and CoEIB, RGM, Piprakothi.



Visit to Angawadi by team KVK Piprakothi under NARI programme



Today Dr. M.S. Kundu, DEE, Dr. P. P. Singh, Director Seed and Farm, Dr. P.P. Srivastava, Dean College of Fisheries, Dr. Shivendra Kumar, Associate professor and other professors from DRPCU, Pusa visited Paddy seed production area of KVK, piprakothi. Director Seed and Farm suggested valuable suggestion and appreciated by looking at the good performance of the paddy crop.



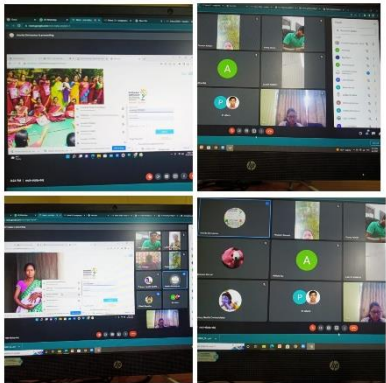
Today Tilapia Fish fingerling was introduced in the pond of Integrated Farming System model by Dr. M.S. Kundu Sir, DEE in the great presence of Dr. P. P. Singh, Director Seed and Farm, Dr. P.P. Srivastava, Dean College of Fisheries, Dr. Shivendra Kumar, Associate professor and other professors from DRPCU, Pusa.



Bijendra Prasad Gupta, Sikta, MLA visited Food Processing Unit at KVK, Piprakothi and appreciated the work.



Exposure visit and field level Identification of pest and diseases in Sugarcane, Maize and Paddy for trainees of Certificate course for Insecticide Management by KVK Piprakothi

	at Jamunia 
Preparation of Oyster mushroom bags by RAWE students at KVK Piprakothi	Inauguration of three days training programme on Food Processing under ARYA project at KVK, Piprakothi.
	
SMS- Home Science, KVK, Piprakothi attended the virtual meeting regarding Poshan Maah-2022 organized by District Coordinator, ICDS under NARI Project.	Distribution of saplings of Citrus and seedlings of Brinjal and Chilli in presence of Honourable Member of Parliament and former Agriculture Minister Shri Radhamohan Singh, Former Minister Government of Bihar, Shri Pramod Kumar, Senior Scientist and Head, KVK Piprakothi and other dignitaries under SCSP program by team KVK Piprakothi at Chandrahiya
	
Application of cow urine @ 200 ml/litre in natural farming demonstration unit at KVK, Piprakothi, East Champaran	INM trainees from KVK Madhopur, West Champaran visited different demonstration units established at KVK Piprakothi.



Valedictory and Certificate distribution programme of Training on Food Processing under ARYA Project at KVK, Piprakothi.



Farmers from KVK, Sheohar visited long-term experimental trial under CRA Program. They also visited all the demonstration unit established at KVK, Piprakothi.



Group of progressive farmers sponsored by ATMA Siwan visited different demonstration units established at KVK, Piprakothi.



Final examination (theory +viva) of 2nd batch of Certificate course of Insecticide management was successfully conducted at KVK Piprakothi by Dr Sujit Nath Mallick,ADPP, East Champaran, Dr T P Mahto,PI,IBDC, Dr Ram Babu Sharma,Assistant Professor, PDDUCHF and SMS Plant Protection



Officials of CSISA project under CIMMYT, Mexico namely Peter Craufurd, Senior Scientist and Country Representative for Nepal, Maxwell MKondiwa, Scientist (Agricultural Economist) and Dr. Ajay Kumar CSISA Hub In charge visited various trial plots under CSISA project of KVK Piprakothi. They further visited all the demonstration units laid under this KVK. Interaction with all the scientists of the KVK regarding various aspects of agriculture in Bihar was positively communicated. The program was duly mediated by Dr. A. K. Singh, Senior Scientist & Head, along with Mr. Rajesh Kumar, STA CSISA and Mr. Chandan Kumar, CSISA Staff under KVK Piprakothi, East Champaran



KVK, Piprakothi in collaboration with CoEIB, RGM started 3 days training program entitled "Scientific Goat farming for self employment." Dr. Krishna Mohan Kumar Senior Scientist, RGM delivered a lecture.



Valedictory and certificate distribution to trainees of "Scientific Goat farming for self employment" training program at KVK Piprakothi.



Luv Kush Agro Producer Company guided by KVK Piprakothi got best FPO award and was felicitated by Honble Union Agriculture Minister



Exposure visit cum travelling seminar at BISA farm, Pusa for CRA farmers of East Champaran District organized by KVK, Piprakothi & Parsauni .



An interactive session followed by group discussion was conducted with the Board of Directors, CEOs and MOs of different FPOs of East Champaran district by Dr. Ritambhara Singh, Associate Professor, ABM, DRPCA, Pusa at KVK Piprakothi.



KVK, Piprakothi, East Champaran organised one day training program and exposure visit for non-CRA farmers at Village- Balwa, Block- Chakia.



Celebration of Poshan Abhiyan and Plantation Programme at KVK, Piprakothi premises in collaboration with IFFCO in Honorable presence



Krishi Vigyan Kendra, Piprakothi installed stall at Charakha Park, Motihari to celebrate the occasion of Poshan

of Shri Radha Mohan Singh Ji, Member of Parliament, Ex-Union Minister of Ministry of Agriculture and Farmers Welfare, Govt of India.



Abhiyan and Vocal for Local Campaign.



आज कृषि विज्ञान केन्द्र, पिराकोठी में दो दिवसीय प्रशिक्षण कार्यक्रम "स्वरोजगार के लिए मशरूम उत्पादन" विषय पर मुख्यमंत्री बागवानी मिशन योजना अंतर्गत प्रारंभ किया गया। कार्यक्रम के मुख्य अतिथि जिला उद्यान पदाधिकारी डॉ. अमरजीत कुमार राय, केविके के वरीय वैज्ञानिक व प्रधान डॉ. अरविन्द कुमार सिंह, सहायक प्राचार्य डॉ. रामबाबू शर्मा तथा सहायक प्राचार्य डॉ. राजीव कुमार श्रीवास्तव ने दीप प्रज्वलन कर प्रशिक्षण कार्यक्रम का शुभारंभ किया।

KVK, Piprakothi, East Champaran organised one day training program and exposure visit for non-CRA farmers at Village- Balwa, Block- Chakia.



KVK East Champaran conducted exposure visit cum travelling seminar of CRA village farmers at KVK, Madhopur.

IFFCO -Motihari organised training program for Cooperative Societies under "Nano urea(liquid) awareness program" at KVK, Piprakothi. Chairman of Pacs, FPOs and progressive farmers were trained. SMS-Agromet and CSISA Reaserch Technician, KVK, Piprakothi delivered lectures.



SHG leaders from Comprehensive Health and Rural Development Society, Motihari visited different demonstration units established at KVK, Piprakothi.



Engagement of RAWE students in nursery raising of seasonal vegetables at KVK, Piprakothi



Valedictory and certificate distribution to the trainees of "Scientific Cattle rearing for self employment" training program at KVK, Piprakothi.



RAWE students installed Pheromone Trap under paddy seed production area of KVK, Piprakothi. SMS plant protection and Farm Manager KVK, Piprakothi detailed the technique of installation.



Nursery bed preparation and sowing of cool season vegetables seeds by RAWE students at KVK, Piprakothi



Mr. Abhishek General Secretary of Bihar Udhhami Sangh and his team interacted with progressive farmers at KVK, Piprakothi. They also visited different demonstration unit established at the centre.



Preparation of Low tunnel mini polyhouse by RAWE students at KVK Piprakothi for seedling production.



Sri Praveen Kumar (Trainee IAS), Assistant Collector, East Champaran visited different demonstration unit established at KVK, Piprakothi.



Preparation of low tunnel polyhouse and seed sowing of Papaya, parthenocarpic cucumber and chinese cabbage by RAWE students at KVK Piprakothi



Production of Oyster Mushroom at KVK Piprakothi



Swachata Abhiyan was organized in premises of KVK Piprakothi on the occasion on Gandhi Jayanti.



Exposure Visit of 26th batch of INM trainees to DRPCA, Pusa



Pruning of guava trees by RAW students at KVK Piprakothi farm Orchard



Inauguration of 3 days training program on "Food Processing for entrepreneurship development" under ARYA was started at KVK Piprakothi in presence of Senior Scientist and Head, KVK Piprakothi



One day off campus training programme and distribution of different vegetable seeds to various women SHGs was conducted at Chandariya and Motihari, East Champaran under Poshan Vatika programme of KVK Piprakothi in due presence of Shri Radha Mohan, Honourable MP, Shri Pramod Kumar, MLA Motihari, Shri Sanjiv Chaurasia, MLA Digha, Senior Scientist and Head, SMS Horticulture Piprakothi and Parsauni



Valedictory session and Certificate distribution programme of 26th INM batch was conducted today at KVK Piprakothi



Farmers departed from KVK, Piprakothi to attend Agri-startup conclave and Kisan Sammelan at ICAR-IARI, New Delhi.



SMS-Agromet KVK, Piprakothi attended webinar entitled "Role of Remote Sensing based Startups in Agriculture" organised by MANAGE -Hyderabad



Rashtriya Mahila Kisan Diwas and International Year for Farm Women was celebrated at KVK Piprakothi and seedlings of Brinjal and Tomato was distributed among farm women and jeevika farmers



Valedictory ceremony of three days training program on Food Processing for entrepreneurship development under ARYA



Valedictory ceremony of two days training on Mushroom production was conducted at KVK Piprakothi in presence of Dr Ram Babu

was conducted at KVK Piprakothi

Sharma, Assistant Professor, Plant Pathology, PDDUCHF along with completion of hands on training in Mushroom production



KVK Piprakothi organised Live telecast of PM Kissan Sanman program in collaboration with ICAR-MGIFRI, Piprakothi. Chief guest of today program Sri Pramod Kumar Hon'ble MLA and Ex-Sugarcane and Law minister, Government of Bihar.



Cleaning of office and KVK premises along with disposal of scraps under Swachata Abhiyan Campaign at KVK Piprakothi



Hard Pruning in Guava Orchard done by RAWE students



Diagnostic Field Visit at Village - Madhuban, Block-Chakia for pest infestation in vegetables by SMS Plant Protection and Senior Scientist and Head, KVK Piprakothi, and Identification of root maggots in Raddish and Black Rot in Crucifers was done alongside management strategies was explained



District level Rabi Workshop & Training Program-2022 organised by ATMA, East Champaran in the premises of KVK Piprakothi. On this occasion, Shri Pramod Kumar ji, MLA Motihari & ex-sugarcane and law minister, Bihar was chief guest, Shri Rana Randhir Singh ji, MLA Madhuban and Shri Shyambabu Yadav ji, MLA Pipra was special guest, Sr. Scientist & Head, KVK Piprakothi and Sr. Scientist & Head, KVK, Sheohar, DAO, Motihari, SAO's, all scientist/staff of KVK, Piprakothi & KVK, Parsauni and all agil. extension worker of East Champaran district were participated.



Stall of Food Processing Unit of KVK, Piprakothi in District Level Rabi Maha Abhiyan Programme at KVK premises.



Pricking of king chilli seedlings at nursery of KVK Piprakothi



Manuring of pruned guava orchards at KVK Piprakothi



Swachata Abhiyan conducted at an anganwadi at Jhakra by team KVK Piprakothi which comprised cleaning of the anganwadi campus and creating awareness about cleanliness among the children

आज स्वच्छता अभियान 2 के अंतर्गत कृषि विज्ञान केन्द्र, Piprakothi के तत्वावधान में Chakia प्रखंड के jamuniya ग्राम के प्राथमिक विद्यालय और संकट मोचन मंदिर में सफाई का कार्यक्रम किया गया, साथ ही 25 से 30 किसान तथा ग्राम बासी भी इस कार्यक्रम में सामिल थे। विद्यालय के बच्चे भी इस स्वच्छता अभियान में उपस्थित थे और उनको भी स्वच्छ और साफ़ रहने के उपाय और उपयोगिता दोनों ही समझाया गया और स्वच्छता का संकल्प भी लिया गया।



कृषि विज्ञान केंद्र पीपरा कोठी से निशुल्क धान की बीज प्राप्त कर कृषक विकास समिति मोतिहारी के सुगौली प्रखण्ड के खुटीअरवा गांव के कृषक महिला सदस्यों ने लगाकर धान की उपज बढ़ाई जिसके लिए कृषि विज्ञान केंद्र पीपरा कोठी के मुख्य वैज्ञानिक अरविंद सिंह तथा आनंद जी को हार्दिक बधाई एवं शुभकामनाएं :-उमाशंकर प्रसाद अध्यक्ष कृषक विकास समिति मोतिहारी



Harvesting and sell of Nagpur Mandarin at KVK Piprakothi



KVK, Piprakothi celebrated National Unity Day on the occasion of the birth anniversary of the Architect of India's Unity and Integrity, " Iron Man of India" Sardar Vallabhbhai Patel. On this occasion Shri Pramod Kumar, Present MLA and ex-Minister, Sugarcane Industry and Law, Govt. of Bihar pay his tribute by garlanding.



Early Sowing of Wheat at Balwa,Chakia under CSISA Project



Valedictory and certificate distribution to the INM trainees of batch 27th at KVK, Piprakothi.



SMS, Crop Production, KVK, Piprakothi delivered lecture in training program organised by ICAR-MGIFRI, Motihari at Tetariya, East Champaran.



Diagnostic field Visit was conducted at Panoliya Village in Papaya orchard, chilli and brinjal field by KVK Piprakothi team



Early Sowing of Wheat(HD 2967) at Sagar Churaman, Kotwa, East Champaran under KVK-CSISA Project



SMS Plant Protection, KVK Piprakothi delivered lecture on pest management of Rabi Crops in a training program organized by ICAR-MGIFRI, Motihari at Ojhilpur, Block-Tetariya



Preparation of salted aonla and aonla preserve (Murabba) by RAWE students under KVK Piprakothi



Sowing of vegetable pea in guava orchard was done as intercrop by RAWE students from TCA, Dholi at KVK Piprakothi farm



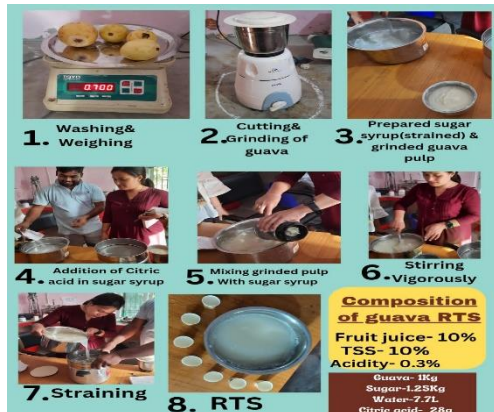
RAWE students participated in preparation of Aonla Murabba at KVK Piprakothi



Sowing of lentil through zero tillage machine at Bairiya under CRA Program, East Champaran.



Orientation programme for RAWE and RHWE students from TCA, Dholi and PDDUCH&F, Piprakothi was conducted at KVK Piprakothi in due presence of College officials and village resource persons



Preparation of guava RTS by RAWE students at KVK Piprakothi



Two days training programme on Natural Farming was inaugurated followed by lecture session at KVK Piprakothi



Today RHWE students from PDDUCoH&F engaged in different activity carried out in KVK, Piprakothi. Students were imparted hands-on training on Nursery management, orchard management, hitech horticulture and landscaping.



Yield estimation of groundnut under CFLD program



Preparation of Amla Laddu and Amla Candy in Food Processing Unit at KVK, Piprakothi.

KVK, Piprakothi in collaboration with CoEIB, RGM, Piprakothi inaugurated three days training program entitled "Scientific Goat farming for self employment". Dr.Sumit Singhal Assoc. Professor and Incharge CoEIB delivered lecture.



Valedictory session was conducted for 2 days training programme on Natural Farming at KVK Piprakothi preceded by hands on training for preparation of Jeevamrit, Neemastra and Beejamrit



Village Survey by RAWE Students of TCA-DHOLI to Village Chandrahiya which comprised interaction with farmers, Crop calendar and identification of pest and diseases in Paddy and Sugarcane.



Sowing of vegetable pea var. Kashi Udai under FLD programme of SMS Horticulture, KVK Piprakothi



Champapur village visit along with District administration officials regarding monitoring and evaluation of Solid and Liquid waste management unit by SMS Ag Engineering....



Attachment of RHWE, PDDCH&F students under nursery and citrus orchard at KVK Piprakothi.



Village Survey under RAWA conducted by students of TCA-Dholi, at Village-Jamuniya, Block-Chakia which comprised interaction with farmers, survey of the natural resources, Crop calendar and timeline of the village.



RAWE students conducted soil testing, repotting and vegetable transplantation at KVK Piprakothi



Preparation of different millet based bakery products by using residual Whey water for more nutritional benefits in Food Processing Unit, KVK, Piprakothi.



PRA Activities conducted by students of TCA-Dholi under supervision of KVK Piprakothi



MBA (ABM) students of KIIT School of Rural Management visited the Piprakothi Agro Producer Company, one of the FPO



RAWE Students from TCA, Dholi learn about ODK data collection by Dr Ajay Singh, hub manager CSISA project

formed under KVK, Piprakothi under Rural Immersion Programme.



Students enrolled in RAWE and RHWE programme from TCA, Dholi and PDDUCHF, Piprakothi under KVK Piprakothi presented their schedule activities and interacted with Sri. Ashok Kapil, DM, East Champaran and various officials of Agriculture and Horticulture Department at RadhaKrishna Bhawan, Motihari. Senior Scientist and Head, KVK Piprakothi, Dean, PDDUCHF, Professors, SMSs and Farm Manager attended actively in the said programme. The activities taken up by students were much appreciated and encouraged for future endeavors.



400 School Children from Shanti Niketan Public School, Harpur, Piprakothi visited different demonstration Units of KVK, Piprakothi on the occasion of Children's Day.

ABM students under Rural Immersion Programme visited poultry farm, sugarcane field and banana orchard of farmers connected with FPO (Piprakothi Agro Producer Company Ltd.)



Layout and Preparation of bed in shade net house for transplanting Local king chilli



Preparation of PDA media for slant culture of Oyster Mushroom by RAWE students

landraces from Manipur by RAWE students, TCA, Dholi under KVK Piprakothi



RHWE students from PDDUCoH&F have obtained experiential learning on different aspects of horticulture like orchard management, lawn management, kitchen gardening and crop cultivation under protected condition under unit attachment program at KVK, Piprakothi.

Visit to Mushroom Unit of Vijay Kumar, which comprised Oyster Mushroom and Button Mushroom by team KVK Piprakothi at Village-Amawa, Block-Turkauliya along with Shri Randhir Bhardwaj, BHO, Kotwa, he had started his first venture after receiving training from KVK



Honourable Vice Chancellor, Dr. P. S. Pandey visited various demonstration units established under KVK, Piprakothi in due presence of DEE, Dr. M. S. Kundu. The activities of KVK were highly appreciated and motivated with valuable suggestions. Moreover, interaction programme with RAWE students from TCA, Dholi and RHWE students of PDDUCH&F attached under KVK Piprakothi was conducted where he acknowledges the significance of practical exposure and inspire them for academic career.



Sowing of beejamrit treated Potato seed tubers (var. C-1) at Jasolipatti, Kotwa, East Champaran under Natural Farming programme of KVK Piprakothi



Layout Preparation of Nutri-garden under NARI project by KVK, Piprakothi team at Anganwadi Centre, Jhakra, Piprakothi.



Sowing of wheat (Var. DBW-222) under seed production program at KVK, Piprakothi.



Sowing of Wheat var. DBW-187 (Karan Vandana) at Parsurampur, East Champaran under Natural Farming programme of KVK Piprakothi



Senior Scientist & Head along with SMS, Crop Production, KVK Piprakothi participated in Krishi Abhiyantrikaran sah upadan Mela organised by District Agriculture Department at Motihari.



Celebration of National Constitution Day at KVK, Piprakothi with RAWA and RHWE students.



Today Sri Radha Mohan Singh ji, Honourable Member of Parliament, Motihari and former agriculture union minister GOI chaired the meeting of FPOs president and CEOs. During this meeting, Dr. A.K Singh, Senior Scientist and Head and Dr. S.K. Purbey, Principal scientist, Horticulture from ICAR- MGIFRI and all Scientists and staffs of KVK, Piprakothi were also present.



Two days training program on Natural farming was concluded today and Jeevamrit was prepared in practical session of the training program under KVK Piprakothi



DDM, NABARD, interacted with Students enrolled in RAWE and RHWE programme from TCA, Dholi and PDDUCHF, Piprakothi under KVK Piprakothi. They detail modus of operandi of NABARD and also explained carrier prospective to the students.

I budding (Rootstock- Lime, Scion-Sweet Orange)was done by RAWE students under KVK Piprakothi



PRA was conducted by RAWE students at Jhakhra, East Champaran under KVK Piprakothi



KVK piprakothi organised word soil day with the theme Soil: where food begins. In this program Senior Scientist and Head, Dr. Arvind Kumar Singh and Dr. A. P. Rakesh Assistant Professor PDDUCH delivered lectures on the soil health and integrated nutrient management to enhance crop production. Soil health cards were also distributed among the farmers. All the scientists and staff of KVK were also present.



SMS-Ag Engineering and SMS-Plant protection conducted training programme for extension functionaries organised by DRDA under solid liquid waste management scheme on Waste processing unit and making compost from organic waste.



Construction of Poshan Vatika "Ganga Ma Mandal Model" is in progress in KVK, Piprakothi



Kisan Mahila Gosthi cum Training Programme on "Poshan Vatika Construction and Management" to Farm Women, Anganwadi Sevika, ICDS Supervisor and CDPOs in dignified presence of Shri Radha Mohan Singh, Hon'ble MP, Motihari, Former Union Minister of Agriculture and Farmers Welfare, Shri Pramod Kumar, MLA, Motihari, Ex- Sugarcane and Law Minister, Bihar Govt., Shri Shyam Babu Yadav, MLA, Pipra, Dr. A.K. Singh, Dean, TCA, Dholi, Dr. Krishna Kumar, Dean, PDDUCHF, Piprakothi, Dr. A.K. Singh, Senior Scientist and Head, KVK, Piprakothi. All Scientists and Staffs of KVK were also actively engaged in the programme.



SMS- Ag Engineering and SMS- Plant Protection attended Orientation workshop conducted by District Administration on components of ODF Plus including solid and liquid waste management for the head and employees of the Panchayats Raj Sanstha who's Gram Panchayats selected in the financial year 2022-23 (110 Gram Panchayats selected in the financial year 2022-23) and given training on Solid liquid waste management

SMS Plant Protection, SMS Ag Engineering and Farm Manager attended discussion meeting on 4th Agricultural Road map for Bihar state conducted by District Administration



Kisan Diwas 2022 was celebrated at Krishi Vigyan Kendra, Piprakothi, East Champaran with due participation of farmers from different blocks of the district under the theme of 'Natural Farming'



KVK, Piprakothi celebrated National Farmers Day in collaboration with District Agriculture Department and felicitated ten Best Farmers of Agriculture and allied sectors of the East Champaran District.



Evaluation of RAWE programme for TCA Dholi was conducted at KVK Piprakothi through oral presentation, video presentation and report submission in due presence of Senior Scientist and Head, SMSs and Farm Manager of KVK Piprakothi, East Champaran-I



Distribution of Mushroom production kits to trainees under ARYA by KVK Piprakothi.



One day awareness programme on Natural farming organized at KVK Parsauni in association with KVK Piprakothi. In the programme SMS Horticulture KVK Piprakothi & Parsauni along with SMS Soil Science, Entomology and Fisheries given their lectures amongst farmers. All the supporting staff were also present.



Under village attachment program students from PDDUCoH&F visited Sirsiya and Amuwa village where they monitor different fruit orchards, strawberry cultivation, vegetable nursery and herbal garden and its distillation unit. They also went to the SDO office of Areraj and interacted with SDM & other officials. Apart from this they also visited the fruit processing industry "YAS". More over they also went to KVK Parsauni where they visited poshan vatika, natural farming unit, and floriculture unit. During the visit Dean, PDDUCoH&F and Senior Scientist & Head, KVK, Piprakothi were present for encouragement of students.



Processing Of Different Millets such as Finger Millet, Proso Millet, Kodo Millet, Pearl Millet, Foxtail Millet, Little Millet at Food Processing Unit, KVK, Piprakothi.

News Clips

रामपुर, 15 मार्च, 2022

रखसौल/चकिया/अरेराज/सिकरहना/पकड़ीदयाल जागरण

मत्स्य व बटेर पालन कर नजीर बने रामपुर गुलरिया के पुनदेव

अतिथि रिपोर्टर • रीतिका

मत्स्य व बटेर पालन के अलावा वे विद्युत के सम्पर्क के लिए बचक के जेब में रखा अक्सर है। इसे ठीक ठीक बटुा तबों का सम्पर्क का जेब में रखा है।

जिनके बटुा में मत्स्य व बटेर पालन के अलावा वे विद्युत के सम्पर्क के जेब में रखा है। इसे ठीक ठीक बटुा तबों का सम्पर्क का जेब में रखा है।

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एकदम से बटेर पालन के अलावा वे विद्युत के सम्पर्क के जेब में रखा है।

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आम के फलों को झड़ने से रोकने के लिए प्लेनोफिक्स का करें छिड़काव

प्रतिनिधि, पीपराकोटी

अगले छह अप्रैल तक आसमान में हल्के बादल तथा चार से छह अप्रैल तक बृद्धवादी होने की संभावना है। इस संबंध में केविक के कृषि मौसम वैज्ञानिक नेहा पारीक ने बताया कि इस अवधि में अधिकतम तापमान 35 से 36 डिग्री सेल्सियस तथा न्यूनतम तापमान 22 से 23 डिग्री सेल्सियस रहने की संभावना है। इस दौरान 15 किमी प्रति घंटा के रफ्तार से दक्षिण

पुर्वा हवा चलने की संभावना है। वहीं केविक प्रमुख डॉ. अरविंद कुमार सिंह ने कहा कि आगामी चार पांच दिनों तक बूंद बांंदी की संभावना को देखते हुए फसलों में कीटनाशक दवाओं छिड़काव नहीं करें, सरसों की कटाई और परिपक्व आलू की खुदाई प्राथमिकता के आधार पर करें, प्याज के फसलों में ग्रिप्स की निगरानी करें, गरमा मूंग एवं उदक की बुआई 10 अप्रैल से किया जा सकता है, उन्होंने कहा कि आम के पेड़ों में मटर के दानों

के आकार के फल आने की स्थिति में इमिडाक्लोप्रिड 17.8 एसएल/एक एमएल दवा प्रति दो लीटर पानी में घोल तैयार कर और हैक्साकोनाजोल एक ग्राम प्रति दो लीटर पानी या इडोनिकैप 46 इसी एक मिली दवा प्रति एक लीटर पानी में घोल छिड़कने से मधुवा एवं चूर्णित अंसिता की उत्राता में कमी आती है, प्लेनोफिक्स नामक दवा एक मिली प्रति तीन लीटर पानी में घोल बनाकर छिड़काव करने से फलों के गिरने की संभावना नहीं होती है।



मोतीहारी 22-02-2022

स्वरोजगार सृजन से आत्म निर्भर बनेंगे बेरोजगार लोग

भास्कर न्यूज़। पीपराकोटी

स्वरोजगार से जुड़कर ही बेरोजगार युवक युवतियां सबल व स्वावलंबी बन सकती हैं। जिसके लिए स्थानीय कृषि विज्ञान केन्द्र विभिन्न प्रकार के रोजगार उन्मुखी कार्यक्रम का आयोजन कर प्रशिक्षित कर रहा है। इस दिशा में आगे बढ़ते हुए केविके द्वारा क्षेत्र के युवक युवतियों को बैकयार्ड मुर्गी पालन एवं हैचरी प्रबंधन विषय पर आधारित तीन दिवसीय प्रशिक्षण कार्यक्रम का आयोजन किया गया जिसका सोमवार को समापन हो गया। इस मौके पर केन्द्र प्रमुख सह प्रधान वैज्ञानिक डॉ. अरविंद कुमार सिंह ने कार्यक्रम को संबोधित करते हुए कहा कि आज के परिवेश में मांस

उत्पाद की बढ़ते मांगों को देखते हुए कहा इसके व्यवसाय में रोजगार की असीम संभावनाएं हैं। जिससे हमारे किसान बंधु आत्मनिर्भर हो सकते हैं। वहीं पशुपालन वैज्ञानिक डॉ. शैलेंद्र कुमार रजक ने बताया कि मुर्गी पालन कोई नई चीज नहीं है परंतु व्यवसायिक दृष्टिकोण से अपनाने हेतु विभिन्न पहलुओं पर विशेष ध्यान देने की आवश्यकता है। उन्होंने बताया कि मुर्गी पालन में विषय पर आधारित तीन दिवसीय प्रशिक्षण कार्यक्रम का आयोजन अपनाने है, जिसमें बैकयार्ड मुर्गी पालन, बांयलर मुर्गी पालन तथा लेयर मुर्गी पालन प्रमुख है, बैकयार्ड मुर्गी पालन की खासियत भूमिहीन तथा सीमांत किसानों के लिए अहम मानी जाती है, क्योंकि इसमें कम लागत लगती है।

युवराज मैसा बनेगा मेले में आकर्षण का केन्द्र

चल रही तैयारी

पीपराकोटी। एक संवाददाता

जिले के किसानों के लिए खुशखबरी है। कृषि विज्ञान केन्द्र में एक साथ तीन भव्य आयोजन की तैयारी चल रही है। जिसमें कृषि उन्नति मेला, पशु आरोग्य मेला व उद्यान महोत्सव शामिल है।

केविक प्रमुख डॉ. अरविंद कुमार सिंह ने बताया कि तीनों के साथ आयोजन के लिए 25-27 मार्च की अवधि निर्धारित की गई है। बताया कि आयोजन में नई तकनीकों से किसानों को अवगत कराया जाएगा। वहीं किसानों का हाईटेक प्रशिक्षण होगा। आयोजन में पशुपालन एवं डेयरी संबंधित सरकारी योजनाओं जैसे 'राष्ट्रीय गोकुल मिशन, राष्ट्रीय बोवाइन उत्पादकता मिशन, ई-पशुहाट, पशु धन बीमा योजना एवं डेयरी प्रसंस्करण विषय पर परिचर्चा व किसानों को महत्वपूर्ण जानकारी दी जाएगी।

मेले का मुख्य आकर्षण होगा युवराज: लगभग 9 करोड़ का बैसा बैसा उच्च गुणवत्ता वाले सिमेंट के उत्पादन के लिए प्रसिद्ध है। इससे प्राप्त बैस के दूध देने की क्षमता 35 लीटर प्रतिदिन है। जिसके आने की भी संभावना है।

इन विषयों पर किसानों को मिलेगी

जानकारी : इस अवसर पर हजारों किसानों के पहुंचने की संभावना है। मेला में पशु आरोग्य मेला सह वैज्ञानिक

होगा आयोजन

- पशु आरोग्य मेला व उद्यान महोत्सव की हो रही तैयारी
- 25 से 27 मार्च तक केविके में होगा भव्य आयोजन

मेले में लगेंगे स्टॉल

मेले में विभिन्न कृषि एवं पशुपालन से संबंधित देश के प्रतिष्ठित संस्थानों के स्टॉल लगने की संभावना है। जिसमें भारतीय पशु चिकित्सा अनुसंधान संस्थान, राष्ट्रीय डेयरी अनुसंधान संस्थान, राष्ट्रीय चारा अनुसंधान संस्थान, चौधरी चरण सिंह राष्ट्रीय पशु चिकित्सा संस्थान, डॉ. राजेन्द्र प्रसाद केन्द्रीय कृषि विश्वविद्यालय की संभावित नाम शामिल है।

वार्ता में नई-नई जानकारी हासिल करेगी। मेले में किसानों के लाभ हेतु पशु स्वास्थ्य चिकित्सा शिविर एवं निःशुल्क पशु टीकाकरण की व्यवस्था की जाएगी। कृषक-सह-वैज्ञानिक वार्ता के माध्यम से आंगतुक किसानों को पशु स्वास्थ्य, उन्नत ब्रीड, बीमारियों की रोकथाम, मधुमक्खी पालन इत्यादि महत्वपूर्ण विषयों पर भाकानुप के विभिन्न संस्थानों, डॉ. राजेन्द्र प्रसाद केन्द्रीय कृषि विश्वविद्यालय एवं कृषि विज्ञान केंद्रों के पशु विज्ञान विशेषज्ञों द्वारा जानकारी दी जाएगी।

[illegible]

मध्यिका कृषि में योग्य पाया है। यहाँ सफ़ाई कृषि में विजय कृषि को विकसित कर
कृषि सेक्टर में ओरिएन्टेड बना लिये दो टुकों को जल्द निकालें। फ़सल में इसे
टुक को अलग कर इससे ओरिएन्टेड विजय कृषि में परिवर्तन विजय को दोहरा

सुखेत मॉडल से कृषि अपनाने व गोबर मिलाकर खाद तैयार की जाएगी

ऋषिक कृषि बनावी जाएगा: डीएम ने अधिकारियों को दी जानकारी

फ़िती रिपोर्ट / मॉडल

मध्यिका क्षेत्र में पर से निर्यात करने
कचरा, कृषि निर्यात से निर्यात खाद
तैयार किया जाएगा। इससे तैयारी यहाँ
हुक कर दो हों। मध्यिका के सुखेत
मॉडल को यहाँ भी लागू किया
जा रहा है। इससे न केवल कृषि बच
रहा है। सुखेत मॉडल को यहाँ
कचरे के साथ निर्यात करने के लिए
प्रोत्साहित किया। इस काम को ठोस



अधिकारियों के साथ वीसी करते डीएम

एवं ताल अग्रिम प्रबंधन के तहत
किया जाएगा। उन्नीस करोड़ कि.मि.
पंपाया जाने के लिए सुखेत मॉडल
कृषि बचने के लिए सुखेत मॉडल
निर्यात में सहायता मिलेगी। अधिक

खाद तैयार कर उसका उपयोग खेती
में किया जाएगा। डीएम ने गुणवत्ता
सर्वेक्षण से योजना को ध्यान रख
उत्तरे के लिए संशोधित पदार्थकारी
को निर्देश दिया।

फसल के रूप में मईमासी सब्जी का भी उत्पादन कर सकते हैं। इससे किसानों को त्यतिर लाभ तो होगा ही, साथ ही धान को फसल से होने वाले नुकसान को पर्याप्त भी हो सकेगा।

धान की अल्प अवधि की किस्में: वैश्विक के वैज्ञानिक अरविंद कुमार सिंह ने बताया कि धान को अल्प अवधि को किस्मों में 115 दिन में

तैयार होनेवाली साया-127, 130 दिन में तैयार होनेवाली पंथी सुनंध्यत, 130 दिन में तैयार होनेवाली पोअर-127, 130 दिन में तैयार होनेवाली पोअर-121 व 125 दिन में तैयार होनेवाली पोअर-126 किस्म हैं। किसान आश्रयकता अनुभव बिजय सिंह को कने के लिए इसके बीज मिल सकते हैं।

■ **डिजिटल में किसानों का काम परिवर्तन**
 भारतीय कृषि क्षेत्र में डिजिटल क्रांति का प्रभाव गहरा हो रहा है। किसानों को बाजार से जोड़ने, उत्पादन लागत को कम करने और उत्पादन को बढ़ावा देने में डिजिटल तकनीकें मदद कर रही हैं।
 डिजिटल क्रांति का प्रभाव किसानों के जीवन में गहरा हो रहा है। डिजिटल तकनीकें किसानों को बाजार से जोड़ने, उत्पादन लागत को कम करने और उत्पादन को बढ़ावा देने में मदद कर रही हैं।
 डिजिटल क्रांति का प्रभाव किसानों के जीवन में गहरा हो रहा है। डिजिटल तकनीकें किसानों को बाजार से जोड़ने, उत्पादन लागत को कम करने और उत्पादन को बढ़ावा देने में मदद कर रही हैं।

उद्यमशीलता में बेहतर योगदान के लिए केविके प्रमुख सम्मानित



सम्मान प्राप्त करते कृषि विज्ञान केंद्र प्रमुख डा. अरविंद कुमार सिंह • जागरण

जागरण संबद्धता, मोतिहारी : कृषि विज्ञान केंद्र पीपराकोठी के वरीय वैज्ञानिक सह प्रधान डा. अरविंद कुमार सिंह को नालंदा के राजगीर में आयोजित कृषि विज्ञान केंद्रों की वार्षिक कार्यशाला-2022 में सम्मानित किया गया। केविके प्रमुख को समारोह में दो पुरस्कार प्रदान किया गया। प्रथम सम्मान कृषि विज्ञान केंद्र पीपराकोठी को वर्ष 2020 में सर्वोत्तम कृषि विज्ञान केंद्र

के लिए चयन को लेकर उनके द्वारा किए गए अथक प्रयास व केविके की राष्ट्रीय स्तर पर पहचान दिलाने के लिए प्रदान किया गया। केविके प्रमुख को द्वितीय सम्मान आर्या परियोजना अंतर्गत जिले में मशरूम उत्पादन, मुगी पालन, बकरी पालन आदि उद्यमों का ग्रामीण युवक एवं युवतियों की प्रशिक्षण प्रदान कर जिले में उद्यमशीलता विकसित करने में बेहतर योगदान के लिए दिया गया।



मोतीहारी 28-07-2022

प्रशिक्षण • महिलाओं व किसानों को स्वरोजगार से जोड़कर आत्मनिर्भरता बनाने की दिशा में की जा रही पहल केवीके में अमरूद के प्रसंकरण और मूल्यवर्धन का चार दिवसीय प्रशिक्षण हुआ शुरू, किसानों को दी गई जानकारी

महाराष्ट्र, पीपराकोठी

क्षेत्र के महिलाओं व किसानों को स्वरोजगार से जोड़कर उनकी आत्मनिर्भरता व आर्थिक विकास को दिशा में केविके द्वारा अनेक उद्यमों का कार्यक्रम चलाया जा रहा है। इस कड़ी में वेहते हुए कृषि विज्ञान केंद्र पीपराकोठी ने महिलाओं के उत्थान के लिए अमरूद के प्रसंकरण एवं मूल्यवर्धन कार्यक्रम का चार दिवसीय प्रशिक्षण प्रारंभ किया। कार्यक्रम का उद्घाटन करते हुए मुख्य अतिथि केविके के प्रमुख डा. अरविंद कुमार सिंह ने प्रशिक्षण के महत्व को उल्लेख किया। उन्होंने स्वरोजगार से जुड़कर किसानों का जीवन और आय में सुधार करने के लिए अमरूद के प्रसंकरण का संचालन कर रही, वैज्ञानिक के किन्हीं एवं उत्थान के लिए अमरूद, डॉ. नैत पारीक, मैजूद थे।



केविके में प्रशिक्षण देते कृषि अधिकारी व प्रशिक्षण में भाग लेती कृषि महिला किसान।

औषधीय एवं सुगंधित पौधों की खेती मूल्यसंवर्धन और विपणन पर प्रशिक्षण

किसानों को संबोधित करते केविके प्रमुख व उपस्थित किसान

पीपराकोठी (एसएनबी) : स्थानीय कृषि विज्ञान केंद्र परिसर में स्थित सरदार बल्लभभाई पटेल सहकारिता प्रशिक्षण भवन के सभागार में गुरुवार को औषधीय एवं सुगंधित पौधों की खेती, मूल्यसंवर्धन और विपणन के माध्यम से ग्रामीण सशक्तिकरण एवं उत्थरण विषय पर प्रशिक्षण शिविर का आयोजन किया गया जिसमें जिले के दर्जनों प्रगतिशील किसानों ने भाग लिया। कार्यक्रम की अध्यक्षता केविके प्रमुख डॉ. अरविंद कुमार सिंह ने की। इस प्रशिक्षण में भारतीय समवेत औषध संस्थान जम्मू के वरीय वैज्ञानिक डॉ. साधा जीत ने किसानों को औषधीय एवं सुगंधित पौधों की सही पहचान तथा उनका रख रखाव, खेती, कटाई का समय, प्रसंस्करण एवं मूल्य वर्धन पर जानकारी उपलब्ध कराई। इसके अतिरिक्त सुगंधित पौधों से सुगंधित तेल निकालने की विधि एवं उनके औषधीय महत्व, एवं औषधीय पौधों से रासायनिक तत्व निकालने की विधि, हर्बल चाय बनाना, हर्बल सैनिटाइजर बनाना तथा खाने के तेल को भी निकालने की विधि सिखाया गया। किसानों को औषधीय एवं



किसानों को संबोधित करते।

सुगंधित पौधों के साथ-साथ अन्य पौधों में पाई जाने वाले कीट एवं उनके रोकथाम के बारे में जानकारी दी गई। इस कार्यक्रम में मुख्यातिथि पंडित दीनदयाल उपाध्याय वनिकी व उद्यानिकी महाविद्यालय के प्रोफेसर डॉ. एसके वर्मा थे। केविके प्रमुख डॉ. अरविंद कुमार सिंह ने किसानों से अनुरोध किया कि वह औषधीय एवं सुगंधित पौधों की खेती को प्रा.तिक विधि से करें। उन्होंने सभी से एक समूह के तौर पर औषधीय एवं सुगंधित पौधों की खेती को आगे बढ़ाने और इसका मूल्य संवर्धन करने का आग्रह किया। कार्यक्रम का संचालन मौरम वैज्ञानिक नेहा पारीक ने किया। मौके पर वैज्ञानिक डॉ. विद्या चानू, डॉ. गायत्री, डॉ. आनंद कुमार, डॉ. प्रजा, मनीष कुमार, राजेश्वर सिंह, गौरव कुमार प्रगतिशील किसान दुर्गा सिंह, रामनरेश गिरी, गौरीशंकर साह, संजय आदि थे।

समारोह 500 किसान व वैज्ञानिक किये गये सम्मानित

नये कालखंड में चुनौती के साथ असीम संभावनाएं : राधामोहन

प्रतिनिधि, पीपराकोठी

स्वतंत्रता के 75वें वर्ष पूरे कर हम एक ऐसे नये कालखंड में प्रवेश करने जा रहे हैं जहां चुनौतियों के साथ असीम संभावनाएं हमारे भाग्य का निर्धारण करने के लिए प्रतीक्षारत हैं। हमें न केवल यह सुनिश्चित करना होगा कि इन संभावना के अनुरूप आगे बढ़ें।

उक्त बातें स्थानीय महत्वा गांधी समर्पित कृषि अनुसंधान संस्थान के कर्मी डॉ. सुरेश सभागा में स्वतंत्रता दिवस के अवसर पर आयोजित किसान प्रशिक्षण सह सम्मान समारोह को संबोधित करते हुए पूर्व केंद्रीय कृषि मंत्री सांसद राधामोहन सिंह ने कही। कार्यक्रम का शुभारंभ सांसद राधामोहन सिंह, पूर्व गन्ना उद्योग मंत्री प्रमोद कुमार, आइसीएआर के निदेशक केजी मंडल व केविके प्रमुख डॉ. अरविंद



प्रशिक्षण सह सम्मान समारोह में मौजूद पूर्व केंद्रीय मंत्री राधामोहन सिंह व अन्य।

कुमार सिंह ने संयुक्त रूप से दीप प्रज्वलित कर किया। मौके पर श्री सिंह ने कहा कि स्वतंत्रता के समय देश में प्रति व्यक्ति का आय 250 रुपये था आज 1.5 लाख रुपये हैं। पहले खाद्यान्न का आयात करते थे आज हम निर्यात करने लगे हैं। इस अवसर पर प्राकृतिक खेती, प्रतिशोधिल किसान, मछली उत्पादक, आर्या परियोजना, अनुसंधित जाति, व महिला किसान व केविके के कृषि वैज्ञानिक सहित 500 किसानों को सम्मानित किया गया। मौके पर भाजपा के डॉ. लालबाबू प्रसाद, मोहम्मद हक वैज्ञानिक डॉ. एसके. पूर्व, नेहा पारीक, राजकिशोर सिंह, राजू सिंह आदि मौजूद थे।

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पूर्व पीएम वाजपेयी की पुण्यतिथि मनी

पीपराकोठी. स्थानीय केविके परिसर में मंगलवार को पूर्व प्रधानमंत्री स्व अटल बिहारी वाजपेयी की पुण्यतिथि मनाई गयी। पीपराकोठी कृषि विज्ञान केंद्र में स्थापित अटल बिहारी वाजपेयी की प्रतिमा पर मुख्य अतिथि के रूप में बिहार सरकार के पूर्व गन्ना उद्योग विधि मंत्री प्रमोद कुमार ने श्रद्धांजलि दी एवं सभी बूथों पर भी पूर्व प्रधानमंत्री अटल बिहारी वाजपेयी की पुण्यतिथि मनाई गई। कृषि विज्ञान केंद्र के वैज्ञानिक अरविंद कुमार सिंह, भाजपा जिला महामंत्री लालबाबू प्रसाद, महाविद्यालय के डीन रमेश कुमार झा सहित छात्र-छात्राओं ने भी प्रतिमा पर पुष्प अर्पित कर श्रद्धांजलि दी। मौके पर मुख्य रूप से केविके प्रमुख डॉ. अरविंद कुमार सिंह, वैज्ञानिक नेहा पारीक, डॉ. लालबाबू प्रसाद सहित कई लोग मौजूद थे।

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आवृत्ति न 1 अक्टूबर 2022 का अंशदा जमा कर सकते हैं।

कृषि कॉलेज के छात्र-छात्राएं खेती-बारी का अध्ययन करेंगे

कार्यक्रम अगले तीन माह तक गांवों में चलाया जाएगा

भारकर न्यूज़ पिपराकोटी

कृषि कॉलेज की छात्र-छात्राएं ग्रामीण क्षेत्र के खेत-खलिहानों का दौरा कर ग्रामीण कृषि का अनुभव प्राप्त करेंगे। केविके में आयोजित कार्यक्रम में ग्रामीण कृषि कार्य अनुभव का शुभारंभ किया गया। यह कार्यक्रम अगले तीन माह तक अनेक गांवों में किया जाएगा। इसमें तिरहुत कृषि महाविद्यालय डोली के 22 स्नातक कृषि की छात्राएं व पिपराकोटी एग्रीकल्चर कॉलेज 31 छात्र-छात्रा भाग लेंगीं। जो जिले के चर्चिंत सुदूर गांवों में कृषि व खेत-खलिहान का सर्वे कर उसका अनुभव प्राप्त करेंगीं। केविके प्रमुख डॉ. अरविंद कुमार ने कहा कि छात्र-छात्राओं को ग्रामीण कृषि कार्य अनुभव (रावे)

अंतर्गत किए जाने वाले गतिविधियों के बारे में विस्तार से जानकारी दी गई। बताया कि चार साल के एग्रीकल्चरल साइंस के कोर्स में एग्रीकल्चर के विभिन्न विषयों का अध्ययन वैज्ञानिक पद्धति से क्रमबद्ध रूप से किया जाता है। जिसमें सेमेस्टर प्रणाली की भूमिका होती है। उस दौरान समस्त एग्रीकल्चरल टेक्नोलॉजी के सभी विषयों पर गहन अध्ययन, प्रायोगिक और सैद्धांतिक रूप से होता है। इस कार्य में युवाओं ने इसके गहन अध्ययन, शोध व प्रयोग में वही कृषि कर्मचारी के रूप में हाथ बट्टाए हैं। जिससे कृषि में भी आपूर्तिज्ज्ञता आई है। नवीन तकनीकों का प्रसार हुआ है। इन सब के बावजूद भी आज कृषि के क्षेत्र में युवा शक्ति की कमी है।

पौधे के प्रवर्धन की व्यावसायिक विधि को छात्राओं ने जाना

प्रतिविधि, पिपराकोटी

केविके

स्थानीय कृषि विज्ञान केंद्र, पिपराकोटी में वैज्ञानिक डॉ. एनबी चानू एवं मनीष कुमार के नेतृत्व में तिरहुत कृषि महाविद्यालय, डोली तथा पिपराकोटी दयाल उपखण्ड कॉलेज ऑफ हॉर्टिकल्चर एवं फ्लोरिस्ट्री की छात्राओं ने आम और साइटस में प्रवर्धन की व्यावसायिक विधि को सिखा, वेन ग्राफ्टिंग-सायन (Scion) को एक तेज ग्राफ्टिंग चाकू से तने के दोनों

ओर से कटकर पच्कर बनाया जात है, सयन को कटरों के शीर्ष पर पच्कर के आकार के कट में रखा जात है, फिर पॉलीथिन से ढक करके उसे सुतली से बंध दिया जात है। इस संबंध में केविके प्रमुख डॉ. अरविंद कुमार सिंह ने बताया कि एयर लवरी-एयर लवरींग न्यू पेड़ों

को भूल पौधे से जुड़े तनों से जाने को एक विधि है, पहले रिंग कट एक पुनर्नोड नोड के नीचे नीचे होत है, लोफ नोड के नीचे दो रिंग कट बनाया जात है, दो छल्लों के बीच की टोरी शाखा के व्यास का कम से कम 1 से 2 गुना होने चाहिए, रिंग कट बनाने के बाद चाकू की मदद से छाल को अलग कर दिया जात है, जड़ों के बने से क्रिया को प्रोत्साहित करने के लिए तने को नम कढ़ से लपेटा जात है।

लगभग सभी फलदार पेड़ को एयर लवरींग को ज्ञात है, उन्होंने कहा कि आई बॉडींग-पत्ती के आधार के पास का कशीव कली साइटस की किस्म, रंगपुर लहसुं, से लिया गया, इसके सखा लकड़ी के सखट हिस्से हट दो है, मर एंटर का लंबे इन्टर्नोड लेंगे ब्याज आई के आकार का कट बनाते है, इस पर कशीव कली कटा को उर कि तफ रखते हू पॉलीथिन कि ढक करके उसे सुतली से बंध दो है।

हिन्दुस्त



केविके परिसर में लगाया गया अजोला। • हिन्दुस्तान

जैव उर्वरक अजोला बढ़ाएगा फसलों का उत्पादन

पिपराकोटी, एक संवाददाता। केविके ने एक बहुआयामी जैव उर्वरक तैयार कर रहा है। जो फसलों का उत्पादन करने के साथ-साथ उत्कृष्ट पशु चारे का काम काम करेगा। केविके का अजोला प्रोजेक्ट किसानों की पसंद बनता जा रहा। दर्जनों किसान अजोला का उत्पादन कर रहे हैं। अजोला सस्ता, सुपाच्य, पोष्टिक सिद्ध हो रहा है। क्या है अजोला: यह एक जैव उर्वरक है। एक तरफ जहां इसे धान की उपज बढ़ती है वहीं ये कुककूट, मछली और पशुओं के चारे के काम आता है। कुछ देशों में तो लोग इसे चटनी व पकोड़ी भी बनाते हैं। इससे बायोडीजल तैयार किया जाता है। यहां तक कि लोग इसे अपने घर के दुर्गंध रूपा को सजाने के लिए भी लगाते हैं। अजोला पशुओं के लिए पोष्टिक आहार है। पशुओं को खिलाते से उनका दूध उत्पादन बढ़ जाता है। इस फसल का रंग गहरा लाल या कट्याई होता है। धान के खेतों में यह अक्सर दिखाई देती है। छोटे-छोटे पोखर या तालाबों में जहां पानी एकत्रित होता है वहां पानी की सतह पर यह

क्या कहते हैं केविके प्रमुख

केविके प्रमुख डॉ. अरविंद कुमार सिंह ने बताया कि इसका उत्पादन दर्जनों किसान कर रहे हैं। माधोपुर केविके में भी उत्पादन हो रहा है। इसके उत्पादन को लेकर किसानों को प्रशिक्षित भी किया जा रहा है।

दिखाई देती है। कहा जाता है अजोला: केविके संस्थालक मनीष कुमार ने बताया कि अजोला पानी में पनपने वाला छोटे बारीक पौधों के जाति का होता है। जिस वैज्ञानिक भाषा में फसल का जाता है। अजोला की पंखुड़ियों में एनाबिना नामक नील हरित काई के जाति का एक सूक्ष्मजीव होता है। जो सूर्य के प्रकाश में वायुमण्डलीय नत्रजन का योगिकीकरण करता है। हरे खाद की तरह फसल को नत्रजन की पूर्ति करता है। एजोला की विशेषता यह है कि यह अनुकूल वातावरण में 5 दिनों में ही दो-गुना हो जाता है। इसे पूरे वर्ष बढ़ने दिया जाये तो 3 टन से भी अधिक प्रति हेक्टेयर पैदा किया जा सकता है।

केविके में पूर्व केंद्रीय मंत्री ने किया महिला किसान गोष्ठी को संबोधित

चार प्रखंडों के सेविका-सहायिकाओं का हुआ प्रशिक्षण

पिपराकोटी। मोदी सरकार ने महिला सशक्तिकरण को लेकर कई कड़े कानून बनाए। आज मोदी युग में हमारी बेटियां स्थल, नभ व जल में अपना पाताका फहरा रही हैं। उक्त बातें केविके में पूर्व केंद्रीय मंत्री राधामोहन सिंह ने जिले के सेविका-सहायिका के प्रशिक्षण सह महिला किसान गोष्ठी के आयोजन को संबोधित करते हुए कहा। कहा कि आजादी से अभी तक कई प्रधानमंत्री हुए। इसमें एक महिला हमारा देश खाद्यान्नों के उत्पादों में सुरक्षित है। पर समय की मांग है कि हम महिलाओं के लिए इन्जत घर की चिंता किसी ने नहीं की। और अगर गरीब का बेटा 11 करोड़ परिवारों को इन्जत घर का निर्माण कराया। पहले माताओं व बहनों के नाम खाता नहीं था। आज उनके खेतों में कई योजनाओं की राशि आ रही है। 23 करोड़ महिलाओं को मुद्रा लोन मिला। 1.48 करोड़ महिलाओं को स्वयं सहायता समूह के माध्यम से ऋण उपलब्ध कराया गया। प्रशिक्षण में वैज्ञानिक डॉ. प्राज्ञ ने मोतिहारी ग्रामीण व सदर को सभी मोदी के स्वर्णिम भारत युग में महिलाएं

सुरक्षित हैं। मोदी सरकार ने महिला सशक्तिकरण को लेकर कई महत्वपूर्ण कानून बनाए गए। कहा कि जहां हमारी अधिकांश ग्रामीण व शहरी जनसंख्या अपने स्वास्थ्य और शरीर को तंदुरुस्त रखने के लिए रेशेदार धान्य भोजन पर निर्भर है। इसलिए हमारी जनसंख्या की पोषण सुरक्षा सुनिश्चित करने के लिए संतुलित आहार की आवश्यकता है। कहा कि हमारा देश खाद्यान्नों के उत्पादों में सुरक्षित है। पर समय की मांग है कि हम पोषण सुरक्षा पर विशेष ध्यान दें। बिहार में पांच वर्ष से कम उम्र के लगभग 48.3 प्रतिशत बच्चे कुपोषण के शिकार हैं। कहा कि यहां चर्चा करना आवश्यक है कि हम पोषण पर चर्चा करें। कहा कि भोजन में उपास्थि पोषक तत्व हमारे भोजन में संतुलित मात्रा में उपलब्ध है। इससे कुपोषण बचा जा सकता है।

पोषण वाटिका लगाने से परिवार द्वारा सब्जियों पर होने वाले खर्च में काफी कमी आती है और किसान परिवारों को कोटनाशक रहित सब्जियां घर पर ही उपलब्ध हो सकती हैं। घर पर पोषण वाटिका लगाने से न केवल सब्जियों की उपलब्धता बढ़ जाती है बल्कि सब्जियों को सेवन भी बढ़ेगा, जिससे किसान समुदाय के पोषण स्तर में सुधार होगा। बताया कि आगनबाड़ी कार्यक्रमों योजनाओं के प्रचार में एक सशक्त भूमिका निभा सकती हैं क्योंकि ये महिलाओं से सीधे तौर पर जुड़ी होती हैं। मौके पर भाजपा विधायक प्रमोद कुमार, श्यामबाबु यादव, केविके प्रमुख डॉ. अरविंद कुमार सिंह, तुर्कोलिया, सोडीपीओ माधुरी कुमारी, बंजरिया सोडीपीओ संगीता कुमारी, सेविका-सहायिका संघ का जिला महासचिव देवेश कुमार सिंह, जिला सचिव सारिका गुप्ता, बंजरिया, तुर्कोलिया, मोतिहारी ग्रामीण व सदर को सभी सेविका व सहायिका मौजूद रही।
