



Action Plan

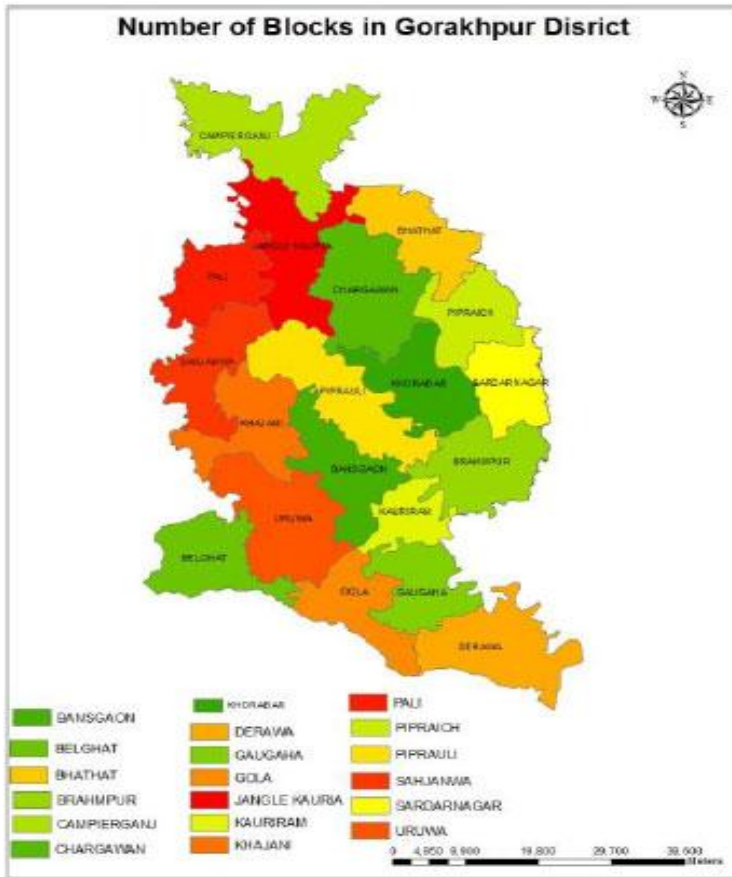
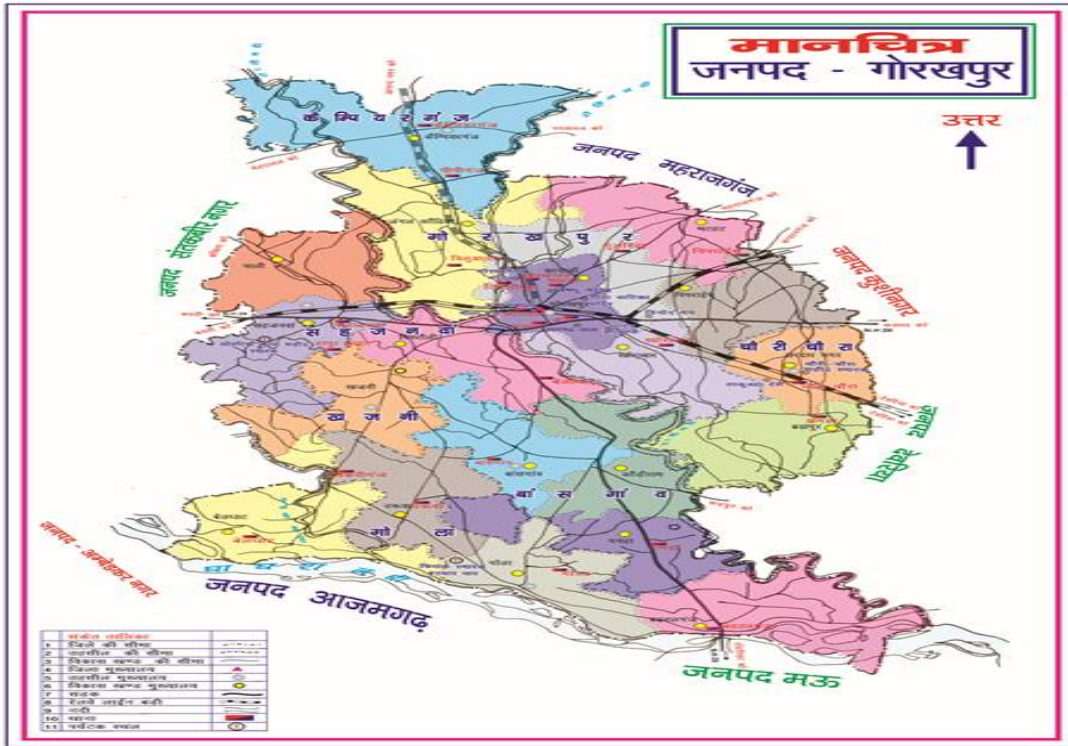
Jan 2024- Dec 2024

Submitted in Agro Climatic Zone Workshop



**MahayogiGorakhnath Krishi Vigyan Kendra
Chaukmafi (Peppeganj) JangalKaudia, Gorakhpur-
273165 (UP)**

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Operational Area of the MGKVK, Gorakhpur

	Tehsil	Block
1.	Campierganj	Jungle Kaudia
2.		Campierganj
3.		Bharohiya
4.	Sadar	Bhathat
5.		Pipraich
6.		Chargawan
7.		Khorabar
8.	Chauri Chaura	Sadar Nagar
9.	Sahjanwa	Pali

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ACTION PLAN PROFORMA FOR THE KVKs OF U.P.

(1st January to 31 December, 2024)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail	Website
	Office	FAX		
MahayogiGorakhnath Krishi Vigyan Kendra, Chaukmafi, Pepeganj, JangalKaudia, Gorakhpur, (U.P.)	0551-2255453 2255454	0551-2255455	gorakhpurvk2@gmail.com	www.mgkvk.in

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

Address	Telephone		E mail	Website
	Office	FAX		
Guru Gorakshnath Sewa Santhan, Sri Gorakhnath Mandir, Gorakhpur	0551-2255453, 54	0551-2255455	gorakhpurvk2@gmail.com	

1.2.b. Status of KVK website : Yes/No; Yes Date when the website last updated: 25_Oct_2023

1.2.c. No. of Visitors (Hits) to your KVK website (as on today) :

1.2.d Status of ICT lab at your KVK : Nill





- a) No. of PC units :
- b) No. of Printers :
- c) Internet connection : No






1.3. Name of the Programme Coordinator with phone & mobile no.




Name	Telephone / Contact		
	Office	Mobile	Email
Dr. Rajesh Kumar Singh		979459 0474	gorakhpurvk2@gmail.com

1.4. Year of sanction: 2016

1.5. Staff Position (as on 31st August, 2023)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Grade Pay	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)	Mobile No.	Email id	Please attach recent photograph
1.	Senior Scientist cum Head	Dr. Rajesh Kumar Singh	Senior Scientist cum Head	Horticulture	37400-67000	9000	131400	02/06/2023	Temporary	GEN	9794590474	rksinghkvk1976@gmail.com	
2.	SMS	Dr. Vivek Pratap Singh	SMS	Animal Science	15600-39100	5400	65000	31.07.2017	Temporary	GEN	9415745095	vpslpm@gmail.com	
3.	SMS	Dr. Ajit Kumar Srivastava	SMS	Horticulture	15600-39100	5400	67000	01.08.2017	Temporary	GEN	8787264166	ajitcar@gmail.com	
4.	SMS	Dr. Sandeep Prakash Upadhyay	SMS	Soil Science	15600-39100	5400	67000	01.08.2017	Temporary	GEN	9690475529	sandeepupadhyay383@gmail.com	

5.	SMS	Mr. Avanish Kumar Singh	SMS	Agronomy	15600-39100	5400	67000	01.08.2017	Temporary	GEN	9792099943	avanishsinghicar@gmail.com	
6.	SMS	Mrs. Shweta Singh	SMS	Home Science	15600-39100	5400	59500	18.01.2021	Temporary	GEN	9453158193	shweta429@gmail.com	
7.	Programme Assistant (Computer)	Gaurav Kumar Singh	Programme Assistant	Computer	9300-34800	4200	42300	14.08.2017	Temporary	GEN	9838674999	vishengaurav@gmail.com	
8.	Programme Assistant (Lab. Tech.)	Jitendra Kumar Singh	Programme Assistant	Lab. Technician	9300-34800	4200	41100	14.08.2018	Temporary	GEN	9956912021	jitendra.s273158@gmail.com	
9.	Farm Manager	Ashish Kumar Singh	Programme Assistant	Farm Manager	9300-34800	4200	39900	14.08.2018	Temporary	GEN	7752941868	ashishksingh1994@gmail.com	

10.	Assistant	Shubham Pandey	Assistant	Assistant	9300-34800	4200	41100	14.08.2018	Temporary	GEN	7752941868	luckywatson123@gmail.com	
11.	Driver-cum-Mechanic	Sanjay Kumar Yadav	Driver-cum-Mechanic	Driver	5200-20200	2000	25200	14.08.2018	Temporary	OBC	9415853387	sanjayyadavmgkvk@gmail.com	
12.	Driver-cum-Mechanic	Dinesh Rao	Driver-cum-Mechanic	Driver	5200-20200	2000	25200	14.08.2018	Temporary	OBC	9695713464	dineshgp1991@gmail.com	
13.	Supporting staff Grade-I	Jai Prakash Singh	Supporting Staff Grade-I	Skilled Supporting Staff	5200-20200	1800	20900	14.08.2018	Temporary	GEN	8545003001	jaiprakashsingh1005@gmail.com	
14.	Supporting staff Grade-I	Abhimanyu Kumar Verma	Supporting Staff Grade-I	Skilled Supporting Staff	5200-20200	1800	20900	14.08.2018	Temporary	OBC	9918989802	abhimanyuverma0808@gmail.com	

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	550 sqm. (0.055 ha)
2.	Under Demonstration Units	1.0
3.	Under Crops	12
4.	Horticulture	2
5.	Pond	0.5
6.	Others if any	5
	Total	20.055 ha

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding		Stage					
		ICAR	RKVY	Completion Year	Plinth area (Sq.m)	Expenditure (Rs.)	Starting year	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR		02-03-2019	550	144.09			Completed
2.	Farmers Hostel	ICAR		02-0-2019	305	66.41			Completed
3.	Staff Quarters(Type I & IV)	ICAR		02-03-2019	107.5	61.52			Type I & IV Completed
4.	Boundry Wall	ICAR		Jan 2019	100 meter	14.33			Completed
5.	Threshing floor		RKVY		600	13.2	Dec 2020	13.2	Completed
6.	Under ground Irrigation channel		RKVY		3000meter	10.0	July 2020	30.0	Completed
7.	Integrated Farming System		RKVY			12.0	Oct. 2020	25.0	Completed
8.	Bee Keeping		RKVY		22.29	9.00	Oct 2020	22.297	Completed
9.	Fish Pond		RKVY		0.2 ha	2.5	March 2021	5.0	Completed
10.	Boundry Wall		RKVY		3300meter	250.0	Nov 2019	264.0	Completed
11.	CC Road		RKVY		600 Meter	13.2	March 2021	13.2	Completed
12.	Farmers Hostel cum Training Hall		RKVY		400	55.0	Oct 2020	77.0	Completed
13.	Entrance Gate		RKVY			0.5	March 2021	2.2	Completed
14.	Implement Shade		RKVY		260	-	March 2021	6.0	Completed
15.	Solar Energy Supply 5KVA		RKVY	2020	-	5.0		5.0	Completed
16.	Solar Street Light		RKVY		-	-		5.0	Completed
17.	Establishment of Solar Pump 5 HP		RKVY	2020	-	8.0		8.0	Completed
18.	Sprinkler System		RKVY		8 ha	-		5.0	Completed

19.	Leveling, Bunding		RKVY		20.0	2.0	May 2020	12.0	Completed
20.	Poly house Net house, Green House & Permanent Nursery Bed		RKVY	2020	-	34.8	Oct 2021	35.0	Completed
21.	Mini Mother Orchard		RKVY	2020	-	0.5	Oct 2021	0.5	Completed
22.	Mini Seed Processing Plant		RKVY		-	30.0	Oct 2023	40.0	Completed
23.	Azola / BGA		RKVY		-	-	March 2021	0.5	Completed
24.	Scientific Museum		RKVY			-	-	2.0	Completed
25.	Mushroom Unit with processing facility		RKVY		44.6	-	Oct 2020	20.0	Completed
26.	Hydroponic Unit		RKVY	March 2020	144	14.8	Oct 2020	15.0	Completed

B) Vehicles

Type of vehicle	Year of purchase	Source (ICAR/RKVY)	Cost (Rs.)	Total kms. run as on March, 2023	Present status
Tractor (UP-53 CL-5201)	2017	ICAR	9.55	2795 (Hour)	Good Condition
Jeep (Mahindra Bolero) UP53 AG 1220	2019	ICAR	6.50	101000	Good Condition

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Multi-Functional (HP)	2020		Good
LCD Multimedia Projector	2020		Good
Tractor Trolley	2017	2.55	Good
Power Sprayer	2020	-	Good
Zero-till seed drill-ferti Machine	2020	-	Good
Raised Bed Planter	2020	-	Good
Soil Testing Machine	2017	2,02,960	Good

1.8. A). Details of SAC meetings to be conducted in the year

Sl.No.	Date
1. Scientific Advisory Committee	26.03.2021

2. DETAILS OF MICRO-FARMING SITUATIONS OF THE DISTRICT

2.1 Micro-farming situations

a) Characteristics

S.No.	Agro-Ecological situations (AES)	Existing Farming System (Crop+livestock+others)	Major soil types
1	AES-1 (Sandy loam)	Crop Production + Vegetable + Livestock	Soil Type-Sandy loam
2	AES-2 (Silty loam, Khadar Soil)	Crop Production + Poultry	Soil Type-Silty loam, Khadar Soil
3	AES-3 (Clay Loam)	Crop Production + Vegetable + Livestock + Fisheries	Soil Type-Clay Loam

b) Land Characteristics

S.No	Agro-Ecological Situation (AES)	Topography	Drainage
1.	AES-1 (Sandy loam)	Poor water holding capacity	Poor
2.	AES-2 (Silty loam, Khadar Soil)	Medium water holding capacity	Medium
3.	AES-3 (Clay Loam)	Good water holding capacity	Good

c) AES-wise major problems

S.No	Agro-Ecological Situation (AES)	Major problems	Rank
1.	AES-1 (Sandy loam)	Poor water holding capacity	
2.	AES-2 (Silty loam, Khadar Soil)		
3.	AES-3 (Clay Loam)		

2.2. Area, Production and Productivity of major crops cultivated in the district (2020)

S. No	Crop	Area (ha)	Production (MT.)	Productivity (Qt./ha)	Yield gap (q/ha) with respect to demo	Yield gap (q/ha) with respect to potential yield
A	FIELD CROPS INCLUDING OIL SEEDS AND PULSES					
1.	Paddy	152497	202895	15.26		
2.	Maize	3299	4281	12.98		
3.	Jowar	27	37	13.70		
4.	Bajra	369	-617	16.72		
5.	Arhar	8659	4978	5.75		
6.	Urd	24	09	3.73		
7.	Moong	02	01	2.77		
8.	Ground Nut	2547	1508	5.92		

9.	Til	75	12	1.62		
10.	Wheat	190499	448884	23.89		
11.	Barley	708	1388	19.60		
12.	Gram	668	544	8.15		
13.	Pea	2766	3587	12.97		
14.	Lentil	2275	2067	9.08		
15.	Mustard	3492	2373	6.80		
16.	Linseed	47	02	4.20		
17.	Sugarcane	3955	209034	528.53		
B FRUITS						
1.	Banana	6600	264000	40.00		
2.	Mango	5500	38500	07.00		
3.	Guava	1550	15500	10.00		
4.	Litchi	200	13000	06.50		
5.	Jamun	100	500	05.00		
6.	Papaya	50	500	10.00		
7.	Jackfruit	40	360	09.00		
8.	Citrus	20	160	08.00		
C VEGETABLES						
1.	Potato	5000	125490	250.90		

Source: District agriculture department.

2.3. Weather data (2022-23)

Year	Month	Rainfall (mm)	Temperature °C		Relative Humidity (%)	
			Maximum	Minimum	Maximum	Minimum
2022						
2023	January		24	8	92	32
	February		29	8	96	27
	March		32	14	93	13
	April		37	16	83	10
	May		42	20	87	10
	June		37	24	96	42
	July		35	25	97	59
	August		35	26	93	55
	September		35	25	93	49
	October		35	16	94	22
Total						

2.4 Production and productivity of livestock, Poultry, Fisheries etc. in the district (2022)

Category	Population	Production	Productivity	Productivity gap
Cattle	236124			

Buffalo	253190		
Sheep	8601		
Goats	173017		
Cattle			
<i>Crossbred</i>	193864		
<i>Indigenous</i>	93567		
Pigs	4507		
Poultry			
Hens	367842		
<i>Desi</i>			
Category		Production (q)	Productivity
Fish (Reservoir)			

*Statcal report

2.5 Details of Operational area / Villages

Taluka	Name of the block	Name of the village	Major crops & enterprises	Existing yield (q/ha, number/year)	Major problem identified	Identified Thrust Areas	
Campier ganj	Jungle Kaudia	Nayagaon,	Rice, Wheat & Livestock				
		Kajipur	Rice, Wheat	40-45 q/ha	Non availability of quality seed. Late sowing of wheat Imbalance use of chemical fertilizer. Scanty population of livestock and their improper management		
		Turkwaliya	Rice, Wheat				
	Campierganj	Jungle Jhanjhawa,	Rice, Wheat				
		Alenabad	Rice, Wheat				
		Sarpataha	Rice, Wheat				
	Bharohiya	Chauk Mafi	Rice, Wheat				
		Badhya chouk	Rice, Wheat				
		Madaha	Rice, Wheat				
		Ranadih	Rice, Wheat, Vegetable				
	Sadar	Bhathat	Sarhari	Rice, Wheat, Ve			
			Raghunathpur	Rice, Wheat, Vegetable			
			Atrauliya	Rice, Wheat, Vegetable			

		Tikariya	Rice, Wheat, Vegetable			
	Chargawan	Rampur Gopalpur	Rice, Wheat, Vegetable	40-45 q/ha	Non availability of quality seed. Late sowing of wheat Imbalance use of chemical fertilizer. Scanty population of livestock and their improper management	
		Devipur	Rice, Wheat, Vegetable			
		Parneshwarpur	Rice, Wheat, Vegetable			
		Karimnagar	Rice, Wheat, Vegetable			
	Pipraich	Unaula	Rice, Wheat, Vegetable			
		Chilbilwa	Rice, Wheat, Vegetable			
		Ramudiha	Rice, Wheat, Vegetable			
	Khorabar		Rice, Wheat, Vegetable			
Chauri Chaura	Sardar Nagar	Raipur	Rice, Wheat, Vegetable			
Sahjanwa	Pali	Ranukhor	Rice, Wheat, Vegetable			
		Pali	Rice, Wheat, Vegetable			
		Usari	Rice, Wheat, Vegetable			
		Baundra	Rice, Wheat, Vegetable			
	Sahjanwa	Achiyapar	Rice, Wheat, Vegetable			
		Keshokurha	Rice, Wheat, Vegetable			

2.6 Top five major priority thrust areas:

- i. Integrated Disease Management

- ii. Promotion of High Yielding Variety
- iii. Promotion of Integrated Disease Management
- iv. Promotion of site specific nutrient management through INM for sustainable soil health
- v. Promotion of Integrated crop management (ICM)

3. TECHNICAL PROGRAMME

3 A. Details of targeted mandatory activities by KVK

OFT (1)		FLD (2)	
Number of OFTs	Number of Farmers	Area (ha)	Number of Farmers
11	60	30.5	155

Training (3)		Extension Activities (4)	
Number of Courses	Number of Participants	Number of activities	Number of participants
94	1760	1030	7565

Seed Production (Qtl.) (5)	Planting material (Nos.) (6)	Fish seed prod. (Nos) (7)	Soil Samples (8)
313	20000	-	4500

3 B. Abstract of interventions to be undertaken

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Ext. activities	Supply of seeds, planting materials etc.
1.	Nutrient management	Tomato	Low yield of tomato due to no use of micronutrient fertilizer	Assessment of micronutrient boron and zinc on tomato for quality produce and yield maximization.		- INM in vegetable crops and use of biofertilizer.	-	-	ZnSO ₄ + Borax

2.	Integrated Crop Management	Bottle gourd	Low yield of bottle gourd		ICM on productivity of bottle gourd through machan system	Cultivation of bottle gourd with machan system in Gorakhpur district for higher monetary returns.	- Production Technique of cucurbits.		Seed / Seedlings
3.	Varietal evaluation and	Paddy	Lack of awareness about recommended Package of practices		Promotion of High Yielding variety of Paddy (MTU 7029 var., NDR 2065 and Kalanamak)	-Direct seeded Rice (DSR). -Techniques of rice cultivation SRI method. - Integrated Pest and Disease management in Paddy.			Seed
4.	Weed Management	Paddy	Infestation of grasses, nuts and sedges	Weed management in direct seeded rice		Integrated Weed Management in Paddy.			Phenoxaprop P ethyl 9.3 EC @ 1100 ml/ha at 20 DAS fb Use of Bispyriback sodium @ 250ml/ha + Chlorimuron Ethyl 10% + Metsulfuron Methyl 10% @ 50 g/ha at 30 DAS.
5.	Varietal evaluation	Wheat	Lack of awareness about recommended Package of practices		Promotion of High Yielding variety of Wheat (DBW 187)	Seed Production Technology of Wheat.	Production Technique of Rabi crops (Agron)	-	Seed
6.	Weed Management	Wheat	Low Yield of wheat due to poor weed management	Weed management in wheat		Integrated Weed Management in wheat			Weedicide
7.	Resource conservation technology	Wheat	Poor growth of wheat in early stage shown with partial rice residue using super seeder	In situ rice residue management in wheat sown with partial residue by super seeder	-	-	-	-	Wheat sown with partial residue by SS & Recommended NPK

8.	Integrated Nutrient Management and Soil Health	Paddy	Low yield of wheat Lack of awareness about Natural farming and biofertilizer/ micronutrient use.	Assessment of <i>Azotobacter</i> biofertilizer on production of paddy crop.		-INM in Paddy for higher production & returns. - INM in Paddy . - Introduction to Natural farming	-	-	<i>Azotobacter</i> biofertilizer
9.	Integrated Crop Management	Cauliflower	Low yield in Cauliflower due to use of unidentified variety	Assessment of of early cauliflower with spray of nano DAP.		Use of nano DAP in Cauliflower crop for higher monetary returns		-	Seed / Seedlings of early variety of cauliflower and nano DAP
10.	Integrated Nutrient Management	Potato	Low yield due to imbalance use of nutrients	Nutrient management in potato though soluble fertilizer	Promotion of nutrient (penflufen and boron) management in potato.	Scientific cultivation of potao for income generation	Scientific cultivation of potrato crop		Penflufen + boron and Soluble fertilizer
11.	Productivity enhancement	Oat	Low Yield due to local variety		Promotion of high yielding fodder variety of Oat.	- Green fodder production technology	-	-	Seed
12.	Productivity enhancement	Berseem	Low Yield due to local variety		Establishment of production potential through HYV fodder variety	- Green fodder production technology	-		Seed
13.	Integrated nutrient management	Bitter Gourd	Low yield of bitter gourd due to no use of integrated nutrient management		Promotion of use of biofertilizer in bitter gourd for yield maximization.	-	-	1	<i>Azotobacter</i> Biofertilizer

14.	Nutritional security	Instant ready to use infant foods	Nutrient deficiency in infant.	Assessment of instant instant ready to use infants food prepared by locally available food material for eradicate the malnutrition.		- Preparation of low cost diet for infant. - Nutritional upliftment by low cost locally available less familiar food			Instant ready to use infant foods
15.	Nutrient management	Livestock (buffalo)	The population and ratio of microbes influenced by antimicrobial substances and poor management which disturb the digestibility of animal ultimately affect the milk production	To assess the effect of synbiotics on reduced rate of milk production in Buffaloes		-			Synbiotics @ 20 gram per day
16.	Nutrient management	Livestock (Goat)	Less body weight of goat due to lack of protein and minerals in ration	To assess the efficacy of protein and micronutrients based supplement on body weight of Goats	-				Essential amino acids based protein and micronutrient supplement @ 10 ml/day/goat
17.	Nutritional security	Nutritional Garden	Low nutritional status	-	Promotion of nutritional security through nutrition garden development.	- Production of seasonal vegetables to enhance health status.	-	-	Seeds, saplings & Plants
18.	Drudgery reduction	Octagonal maize Sheller	Maize shelling is one of the tedious and time consuming ag. operations	To reduce the drudgery through octagonal maize Sheller		Reduce the drudgery through octagonal maize Sheller	-	-	Octagonal maize Sheller

3.1 Technologies to be assessed

A.1 Abstract on the number of technologies to be assessed in respect of crops

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	Other	TOTAL
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Varietal Evaluation										
Seed / Plant production										
Weed Management	2									2
Integrated Crop Management				1						1
Integrated Nutrient Management	1			2						3
Integrated Farming System										
Mushroom cultivation										
Drudgery reduction								1		1
Farm machineries										
Value addition								1		1
Integrated Pest Management										
Integrated Disease Management										
Resource conservation technology	1									1
Small Scale income generating enterprises										
ITK										
ICTs										
TOTAL	4			3				2		9

A.2. Abstract on the number of technologies to be assessed in respect of livestock / enterprises

Thematic areas	Buffalo	Poultry	Sheep	Goat	Piggery	Wormi culture	Fisheries	TOTAL
Evaluation of Breeds								
Nutrition Management	1			1				2
Disease of Management								
Value Addition								
Production and Management								
Feed and Fodder								
Small Scale income generating enterprises								
TOTAL	1			1				2

B. Details of On Farm Trial (at least 3-4 OFTs shall be composite in nature)

OFT-1 Weed Management in Direct seeded rice

Crop/Enterprise	Paddy
Title	Weed Management in Direct seeded rice
Problem diagnosed	Rice is the main crop of district during <i>kharif</i> season covering more than 1.70 lac ha area out of which 15000ha area is under DSR . Major problem is infestation of grasses, nuts and sedges (<i>Echinochloa spp</i> , <i>Leptochloa spp.</i> & <i>Cyperus spp.etc</i>) due to intermittent rainfall, causes competition with the main crop, hence reduces the crop yield drastically
Farming situation	Irrigated
Details of technology identified for solution	T1= F.P.(Use of Bispyribac sodium 10 SC @ 250ml + Chlorimuron Ethyl 10% + Metsulfuron Methyl 10%) 50 g / ha at 25-30 DAS) T2= Phenoxaprop P ethyl 9.3 EC @ 1100 ml/ha at 20 DAS fb Use of Bispyribac sodium @ 250ml/ha + Chlorimuron Ethyl 10% + Metsulfuron Methyl 10% @ 50 g/ha at 30 DAS.
No. of farmers & Area	5 (1000x5)
Replications	5
Critical inputs	Weedicide
Production system	Paddy- Wheat
Source of technology	HAU Hisar & CSISA
Total Cost	Rs. 3000/=

OFT-2 Weed Management in wheat.

Crop	Wheat
Title	Weed Management in wheat
Problem Diagnosed	Wheat is the main crop of district during rabi season covering more than 1.90 lacs ha area. Major problem is infestation of narrow and broad leaf weeds (<i>Phalaris minor</i> , <i>Avena fatuva</i> and <i>Solanum nigrum</i> , <i>Canabis sativa</i> etc.) with 2-3 flushes, causes competition with the main crop, hence reduces the crop yield drastically
Farming Situation	Irrigated Low and medium land Timely sown Rice-wheat cropping system
Thematic area	IWM

Details of technology identified for solution	<p>T₁: Sulfosulfuron 25 g a.i./ + Metsulfuron 20% WP @4 g ai /ha at 35 DAS (FP)</p> <p>T₃: Clodinfop 15 WP@ 60 g ai + Carfentrazon ethyl 40 DF 20 g ai/ha at 35DAS</p> <p>T₂: Mesosulfuron-methyl 3% + Iodosulfuron-methyl sodium 0.6 w/w (3.6 WDG) @ 400 g/ha at 30-35 DAS (12+ 0.2.4 g ai/ha)</p>
Source of technology	ICAR-DWR, Jabalpur
No. of farmers	5
Area	1000m ² for each treatment
Critical Input	Herbicide
Performance Indicator	
Technical	<ol style="list-style-type: none"> 1. Weed Count after 30 and 60 days 2. No of tillers per plant 3. Major weed flora 4. Yield(q/ha)
Economical	<ol style="list-style-type: none"> 1. Cost of cultivation (Rs/ha) 2. Net Return (Rs/ha) 3. Incremental Cost Benefit Ratio (CBR)
Social	<ol style="list-style-type: none"> 1. Adoption Rate 2. Flexibility of technology 3. Risk Involved 4. Suitability of Technology

OFT-3 In situ rice residue management in wheat sown with partial residue by super seeder

Crop/Enterprise	Wheat
Title	In situ rice residue management in wheat sown with partial residue by super seeder
Problem diagnosed	Wheat is the main crop during rabi season in R-W cropping system of Gorakhpur. Rice residue management in short window of time is problem for farmers. Poor growth of wheat in early stage, sown with partial rice residue using super seeder which incorporates the large amount of rice residue in soil hence due to N immobilization , reduction in no of fertile tillers resulted low yield.

Micro farming situation & cropping system	Irrigated Rice – wheat
Details of technology identified for solution	T1 – FP (wheat sown with partial residue by SS & Recommended NPK. N @ 150kg/ha in 3 splits) T2 – Wheat sown with partial residue by SS & Recommended NPK. Out of 150 kg N, 30 kg N/ha applied just before sowing through broadcast & rest based on LCC/ in three splits
No. of farmers	5
Replications	5
Critical inputs	Seed
Source of technology	PAU Ludhiana
Total Cost	2000
Performance Indicator	
Technical	<ol style="list-style-type: none"> 1. OC% 2. Soil test for Available NPK 3. Yellowing of leaves 4. Effectives No of tillers per plant 5. No of grain /ear & test weight 6. N saving (kg/ha) 7. Yield (q/ha)
Economical	<ol style="list-style-type: none"> 1. Cost of cultivation (Rs./ha) 2. Net Return (Rs./ha) 3. Incremental Cost Benefit Ratio (CBR)
Social	<ol style="list-style-type: none"> 1. Adoption Rate 2. Flexibility of technology 3. Risk Involved 4. Suitability of Technology

OFT-4 To assess the effect of synbiotics on reduced rate of milk production in Buffaloes

Crop/Enterprise	Buffalo
Title	To assess the effect of synbiotics on reduced rate of milk production in Buffaloes
Problem diagnosed	Buffalo and other ruminants have a unique ability of utilizing lingo cellulosic feeds as the major component of their diet for getting energy for their survival and for the production. These jobs are accomplished in rumen by a complex consortium of rumen microbes. This microbial ecosystem consists of bacteria, protozoa, fungi and bacteriophages etc. The population and ratio of microbes influenced by antimicrobial substances and poor management which disturb the digestibility of animal ultimately affect the milk production..

Micro farming situation	Buffalo are treated with antibiotics for longer time and kept under poor management condition causes poor digestibility and milk production.
Details of technology identified for solution	T₁= (F.P.)No use of microbial feed supplements and poor management after longer use of antibiotics and in case of poor digestibility T₂= (Recommended practice) Use of Synbiotics @ 20 gram per day for 10 days
No. of farmers	20
Trail period	120 days
Critical inputs	Synbiotics (Pre and Probiotics)
Source of technology	IVRI , Izatnager, Bareilly
Total Cost	Rs. 8000/-
Observation to be recorded	A. Technical observation - 1.Milk production 2. Estrous response B. Economic Observation - 1. B:C Ratio C. Social Observation - 1. Feasibility of Technology 2.Acceptability

OFT-5 To assess the efficacy of protein and micronutrients based supplement on body weight of Goats

Crop/Enterprise	Goat
Title	To assess the efficacy of protein and micronutrients based supplement on body weight of Goats
Problem diagnosed	Less body weight of goat due to lack of protein and minerals in ration . The Goat are generally reared by poor farmers and they not providing good quality of feed and fodders resulted unbalancing of nutrients especially proteins and micronutrients which create sub-acute and chronic metabolic disorders interfering with the optimum production of goats.
Micro farming situation	Rearing of Goats under poor feeding management condition caused poor anabolic activity by which body growth of goat are affected.
Details of technology identified for solution	T1= F.P. (Lack of protein and micro nutrient in ration) T2= Recommended practice (Essential amino acids based protein and micronutrient supplement @ 10 ml/day/goat)
No. of farmers	10
No. of Goat	10
Trail period	60 days
Critical inputs	Essential amino acid based protein and micro nutrient @ 10 ml/ day /goat
Source of technology	ICAR-CIRG, Makhdoom, Mathura
Total Cost	Rs. 4200.00

OFT-6 Nutrient management in potato

Crop/Enterprise	Potato
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Title	Nutrient management in potato
Problem diagnosed	Higher cost of potato production due to higher cost of basal fertilizer than the soluble fertilizer. Farmers are using fertilizers in granule forms. The cost of granule fertilizer is more in comparison to soluble fertilizer. Tuber quality ,size and yield is not satisfactory.
Problem solution	Use of soluble fertilizers with half dose of recommended fertilizer
Details of technology identified for solution	T₁= (F.P.) RDF(150:100:120) and no use of Soluble fertilizer T₂= ½ dose of RDF (75:50:60) NPK/ha + spray of Soluble fertilizer 17:44:0, 0:52:34 & 0:0:50 @1.5% at 30, 50 & 70 DAS
No. of farmers	5
Replications/Area	5 x 1000m²
Critical inputs	Soluble fertilizers
Production system	Rice –Potato- Okra
Total Cost	Rs. 3000.00
Source of technology	ANDUAT Kumarganj, Ayodhya
Performance Indicator	
Technical	<ol style="list-style-type: none"> 1. Plant height (Cm) 2. No of branches/ plant 3. No of marketable tubers per plant 4. Grading of tubers per plant 5. Yield (q/ha)
Economical	<ol style="list-style-type: none"> 1. Cost of cultivation (Rs./ha) 2. Net Return (Rs./ha) 3. Incremental Cost Benefit Ratio (CBR)
Social	<ol style="list-style-type: none"> 1. Adoption Rate 2. Flexibility of technology 3. Risk Involved 4. Suitability of Technology

OFT-7 Assesment of early cauliflower with spray or Nano DAP

Crop/Enterprise	Cauliflower
Title	Assesment of early cauliflower with spray or Nano DAP
Problem diagnosed	Low yield of cauliflower in early season.

Problem solution	Introduce of improved variety of cauliflower for early season.
Details of technology identified for solution	T₁= Kashi Gobhi 25 / Girija / Madhuri + recommended dose of NPK (100:60:40) kg / ha T₂= T₁+ seedling treatment by nano DAP + 2 spray of Nano DAP @ 3ml/ltr. at 30 and 45 days after transplanting
No. of farmers	5
Replications/Area	5 x 1000m²
Critical inputs	Seed / Seedlings + Nano DAP
Production system	Rice –Wheat- Vegetable
Total Cost	Rs. 5000.00
Source of technology	IIVR, Varanasi
Observation to be recorded	Yeeld q/ha, cost Rs per ha, BCR

OFT-8 Assessment of instant ready to use infants food prepared by locally available food material for eradicate the malnutrition.

Crop/Enterprise	Infants
Title	Assessment of instant ready to use infants food prepared by locally available food material for eradicate the malnutrition.
Problem diagnosed	Mother wean their infants into the traditional adult diet because of their ignorance of low cost weaning foods and also because of in capacity to buy expensive commercial food that in turn lead to obesity and underweight.
Details of technology identified for solution	T₁=F.P.(Traditional adult diet) T₂-Preparation of instant ready to use infant foods. Roasted maize flour, green gram flour, roasted groundnut, and jaggery (30:20:10:20)
No. of farmers	5
Replications	5
Critical inputs	Rosted maize flour(150gm),Green gram flour(100gm), roasted groundnut(50gm),and jaggery(100gm)

Source of technology	NIN
Total Cost	Rs. 2000
Performance indicators	Technical: Body weight, Height Economical: Cost per unit, and FCR Social: Acceptability, Availability

OFT-9 To reduce the drudgery through Octagonal maize sheller

Crop:-	Maize
Major Problems:	Maize shelling is one of the tedious and time consuming agricultural operations.
Major cause:	safe and reliable performance easy to operate and maintain
Name of intervention:	
T1:	Traditional Practice (Press the thumb on the grain on order to detach them from easy)
T2:	Use of Octagonal maize sheller

OFT-10 (SS)

Particulars	Contents
Title	Assessment of micronutrient boron and zinc on tomato for quality produce and yield maximization.
Problem diagnosed	Low yield of tomato due to no use of micronutrient fertilizer
Micro farming situation	Sandy loam, imbalance use of fertilizer, low productivity, irrigated
Details of technology identified for solution	T1-Farmers practice (imbalanced fertilizer and no use of bio-fertilizer) T2-120:80:50::N:P:K kg/ha (Farmers share) + 25 Kg/ha ZnSo4 + 10 Kg/ha Borax
No. of farmers	05
Replications	05
Area	10000 sqm
Critical inputs	ZnSO4 + Borax
Production system	Rice-wheat-vegetables
Source of technology	IIVR, Varanasi
Total Cost	Rs. 5000/- (Approx.)
Observation to be recorded	Plant height, Days to first flowering, Days to first fruit, No. of fruits/plant, yield, % increase in yield and B C ratio
Reaction of the farmers	Acceptability of technology among farmers

	Compatibility in the existing cropping system
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OFT-11 (SS)

Particulars	Contents
Title	Assessment of yield and economics in paddy.
Problem diagnosed	Low yield paddy due to use of imbalance dose of fertilizer
Micro farming situation	Sandy loam, imbalance use of fertilizer, low productivity, irrigated
Details of technology identified for solution	T1-Farmers practice (imbalanced fertilizer and no use of bio-fertilizer) T2-60:60:40:25::N:P:K:Zn kg/ha (Farmers share) + green manuring (Dhaincha) + Azotobacter @ 500 mL/ha
No. of farmers	05
Replications	05
Area	10000 sqm
Critical inputs	Biofertilizer, seed
Production system	Rice-wheat
Source of technology	GBPUA&T, Pantnagar
Total Cost	Rs. 6000/- (Approx.)
Observation to be recorded	Number of tillers/plant, plant height, number of grains/spike, BCR,% increase in yield, yield (q/ha.)
Reaction of the farmers	Acceptability of technology among farmers Compatibility in the existing cropping system

3.2 Frontline Demonstrations

A. Details of FLDs to be organized -

SN	Crop/ Variety	Thematic area	Technology for demonstration	Critical inputs	Season and year	Area (ha)/ No.	No. of farmers/ demos	Parameters identified Yield/Profit/Other technological parameters
1.	Wheat	Nutrient management	Paddy-Wheat Var. HD 2967+120:60:40::N: P:K + Zinc + <i>Azotobacter</i>	Zinc + <i>Azotobacter</i>	Rabi 2024	2.0	10	Plants height, No. of branches, Grain yield and B.C. ratio
2.	Bittergourd	Nutrient management	Wheat-Bittergourd+80:60:40:: N:P:K + <i>Azotobacter</i>	<i>Azotobacter</i>	Kharif- 2024	1.0	10	Yield, net return, B:C ratio

3.	Paddy (Agro)	Varietal evaluation	NDR 2065 Kalanamk	Seed	Kharif 2024	10	25	No. of tillers/hill, Grain yield and B.C. ratio
4.	Wheat (Agro)	Varietal evaluation	DBW 187	seed	Rabi 2024	10	25	No. of tillers/hill, Grain yield and B.C. ratio
5.	Bottle Gourd (Horti)	Machan Cultivation (ICM)	Bottle Gourd Seed / Seedling Var. Kashi Ganga / Anokhi / Narendra Rashmi	Seed / Seedling	Kharif-2024	1.0	10	Yield, B:C ratio, % increase in yield
6.	Potao (Horti)	Nutrient management	Kufri Pukhraj	Penflufen + boran	Rabi-2024	2	10	Yield, B:C ratio, % increase in yield ,
7.	Seasonal vegetable and fruits (HS)	Low nutritional status	Nutritional garden	Seeds, saplings & Plants	Rabi & Kharif 2024	20no. (0.5 ha)	20	Nutritional level, consumption and savings of vegetables/family
8.	Berseem (AS)	Feed &Fodder	HYV of Berseem	Seed	Rabi 2024	4.0	30	Fodder yield (q/ha)
9.	Oat (AS)	Feed and fodder management	HYV of Oat	Seed	Rabi 2024	1	15	Fodder yield (q/ha)
Total						30.50	155	

Sponsored Demonstration

Crop	Area (ha)	No. of farmers
CFLDs on Mustard	10	25

B. Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1	Field days	6	Feb-Dec 2024	280
2	Farmers Training	8	Apr-Dec 2024	325
3	Media coverage	200	Jan – Dec 2024	Mass
4	Training for extension functionaries	9	Jan – Dec 2024	135

C. Details of FLD on Enterprises

(i) Farm Implements

Name of the implement	Crop	Season and year	No. of farmers	Area (ha)	Critical inputs	Performance parameters / indicators

(ii) Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds/ha. etc.	Critical inputs	Performance parameters / indicators
Livestock	Local	20	20	Acricide, Dewormer & Mineral Mixture @ 50 g/days, Medicine for Parasite @ Rs 90/ animal	Oestrus & Conception

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

A) ON Campus

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	1	18	0	18	2	0	2	20
Resource Conservation Technologies	2	36	0	36	4	0	4	40
Cropping Systems		0	0	0	0	0	0	0
Crop Diversification	1	18	0	18	2	0	2	20
Site specific nutrient management		0	0	0	0	0	0	0
Integrated Farming	1	18	0	18	2	0	2	20
Water management	1	18	0	18	2	0	2	20
Seed production	1	18	0	18	2	0	2	20
Nursery management	1	18	0	18	2	0	2	20
Integrated Crop Management	1	18	0	18	2	0	2	20
Fodder production		0	0	0	0	0	0	0
Production of organic inputs		0	0	0	0	0	0	0
Natural farming		0	0	0	0	0	0	0
Total	9	162	0	162	18	0	18	180

II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops								
Off-season vegetables	1	18	0	18	2	0	2	20
Nursery raising	1	18	0	18	2	0	2	20
Exotic vegetables like Broccoli								
Export potential vegetables								
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)	1	18	0	18	2	0	2	20
b) Fruits								
Training and Pruning								
Layout and Management of Orchards								
Cultivation of Fruit	1	18	0	18	2	0	2	20
Management of young plants/orchards	1	18	0	18	2	0	2	20
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques	1	18	0	18	2	0	2	20
c) Ornamental Plants								
Nursery Management	1	18	0	18	2	0	2	20
Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								
d) Plantation crops								
Production and Management technology								
Processing and value addition								
e) Tuber crops								
Production and Management technology	1	18	0	18	2	0	2	20
Processing and value addition								
f) Spices								
Production and Management technology	1	18	0	18	2	0	2	20
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management								
Production and management technology								
Post harvest technology and value addition								
Total	9	162	0	162	18	0	18	180
III Soil Health and Fertility Management								
Soil fertility management	1	18	0	18	2	0	2	20
Soil and Water Conservation	1	18	0	18	2	0	2	20
Integrated Nutrient Management	1	18	0	18	2	0	2	20
Production and use of organic inputs	1							
Management of Problematic soils								
Micro nutrient deficiency in crops	2	36	0	36	4	0	4	40

Nutrient Use Efficiency	2	36	0	36	4	0	4	40
Soil and Water Testing	1	18	0	18	2	0	2	20
Total	9	162	0	162	18	0	18	180
IV Livestock Production and Management								
Dairy Management	2	36	0	36	4	0	4	40
Poultry Management	1	18	0	18	2	0	2	20
Piggery Management								
Rabbit Management/goat	2	36	0	36	4	0	4	40
Disease Management	2	36	0	36	4	0	4	40
Feed management	2	36	0	36	4	0	4	40
Production of quality animal products								
Total	9	162	0	162	18	0	18	180
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	1	0	15	15	0	5	5	20
Design and development of low/minimum cost diet	1	0	15	15	0	5	5	20
Designing and development for high nutrient efficiency diet	1	0	15	15	0	5	5	20
Minimization of nutrient loss in processing	1	0	15	15	0	5	5	20
Gender mainstreaming through SHGs	1	0	15	15	0	5	5	20
Storage loss minimization techniques	1	0	15	15	0	5	5	20
Value addition	1	0	15	15	0	5	5	20
Income generation activities for empowerment of rural Women	1	0	15	15	0	5	5	20
Location specific drudgery reduction technologies	1	0	15	15	0	5	5	20
Rural Crafts								
Women and child care								
Post Harvest Management								
Total	9	0	135	135	0	45	45	180
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems								
Use of Plastics in farming practices								
Production of small tools and implements								
Repair and maintenance of farm machinery and implements								
Small scale processing and value addition								
Post Harvest Technology								
VII Plant Protection								
Integrated Pest Management								
Integrated Disease Management								
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides								
Total								
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								

Composite fish culture								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
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								
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								
Total								
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems								
XII Others (Pl. Specify)								
GT (PF)								
TOTAL	45	648	135	783	72	45	117	900
(B) RURAL YOUTH								
Mushroom Production	01	7		7	2	1	3	10
Bee-keeping								
Integrated farming								
Seed production (Hort)	01	13	02	15				15

Seed production (Agro)	01	15	0	15	0	0	0	15
Production of organic inputs (SS)								
Integrated Farming (Medicinal)	01	04		04	1		1	05
Planting material production								
Vermi-culture (SS)								
Sericulture								
Protected cultivation of vegetable crops								
Commercial fruit production								
Repair and maintenance of farm machinery and implements								
Nursery Management of Horticulture crops								
Training and pruning of orchards								
Value addition (Hs)	1	0	10	10	0	5	5	15
Production of quality animal products								
Dairying (AS)								
Sheep and goat rearing	01	15	0	15	0	0	0	15
Quail farming								
Piggery								
Rabbit farming								
Poultry production (AS)								
Ornamental fisheries								
Para vets								
Para extension workers								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing (HS)								
Post Harvest Technology	1	0	10	10	0	5	5	15
Tailoring and Stitching								
Aggarbatti preparation	1	0	10	10	0	5	5	15
TOTAL	8	54	32	86	3	16	19	105
(C) Extension Personnel								
Productivity enhancement in field crops(Agro)	01	15	0	15	0	0	0	15
Integrated Disease Management (PP)								
Integrated Pest Management(PP)								
Integrated Nutrient management (SS)	02	30	0	30	0	0	0	30
Integrated Crop Management								
Production technique of cucurbits (Hort)	1	13	0	13	2	0	2	15
Rejuvenation of old orchards								
Production technique of hybrid vegetables (Hort)	1	15	0	15	0	0	0	15
Integrated Pest Management in Vegetable crop (Hort)	1	15	0	15	0	0	0	15
Formation and Management of SHGs								

Group Dynamics and farmers organization								
Information networking among farmers								
Capacity building for ICT application								
Care and maintenance of farm machinery and implements								
WTO and IPR issues								
Management in farm animals								
Livestock feed and fodder production								
Household food security								
Women and Child care (HS)	1	0	15	15	0	0	0	15
Low cost and nutrient efficient diet designing (HS)	1	0	15	15	0	0	0	15
Production and use of organic inputs (SS)								
Gender mainstreaming through SHGs								
Feed Management (AS)								
Disease Management(AS)	01	15	0	15	0	0	0	15
Bio-control of pest and diseases								
Soil and Water Testing								
Management of problematic soil								
Micronutrient Deficiency in Crop								
TOTAL	9	105	30	135	0	0	0	135
G. Total PF+RY+EF	62	807	197	1004	75	61	136	1140

B) OFF Campus

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	1	15	2	17	2	1	3	20
Resource Conservation Technologies	1	15	2	17	2	1	3	20
Cropping Systems								
Crop Diversification	1	15	2	17	2	1	3	20
Integrated Farming								
Water management								
Seed production	1	15	2	17	2	1	3	20
Nursery management	1	15	2	17	2	1	3	20
Integrated Crop Management	1	15	2	17	2	1	3	20
Fodder production								
Production of organic inputs								
Total	6	90	12	102	12	6	18	120
II Horticulture								
a) Vegetable Crops								

Production of low volume and high value crops								
Off-season vegetables								
Nursery raising	1	15	2	17	2	1	3	20
Exotic vegetables like Broccoli								
Export potential vegetables								
Grading and standardization	2	30	4	34	4	2	6	40
Protective cultivation (G Houses, Shade Net etc.)								
b) Fruits								
Training and Pruning								
Layout and Management of Orchards								
Cultivation of Fruit								
Management of young plants/orchards	1	15	2	17	2	1	3	20
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants	1	15	2	17	2	1	3	20
d) Plantation crops								
Production and Management technology								
Processing and value addition								
e) Tuber crops								
Production and Management technology								
Processing and value addition								
f) Spices								
Production and Management technology	1	15	2	17	2	1	3	20
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management								
Production and management technology								
Post harvest technology and value addition								
Total	6	90	12	102	12	6	18	120
III Soil Health and Fertility Management								
Soil fertility management	1	15	2	17	2	1	3	20
Soil and Water Conservation	1	15	2	17	2	1	3	20
Integrated Nutrient Management	1	15	2	17	2	1	3	20
Production and use of organic inputs	1	15	2	17	2	1	3	20
Management of Problematic soils								
Micro nutrient deficiency in crops								
Nutrient Use Efficiency	1	15	2	17	2	1	3	20

Soil and Water Testing	1	15	2	17	2	1	3	20
Total	6	90	12	102	12	6	18	120
IV Livestock Production and Management								
Dairy Management	1	15	2	17	2	1	3	20
Poultry Management								
Piggery Management								
Rabbit Management /goat	1	15	2	17	2	1	3	20
Disease Management	3	45	6	51	6	3	9	60
Feed management	1	15	2	17	2	1	3	20
Production of quality animal products								
Total	6	90	12	102	12	6	18	120
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	1	0	15	15	0	5	5	20
Design and development of low/minimum cost diet	1	0	15	15	0	5	5	20
Designing and development for high nutrient efficiency diet								
Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs	1	0	15	15	0	5	5	20
Storage loss minimization techniques								
Value addition								
Income generation activities for empowerment of rural Women	1	0	15	15	0	5	5	20
Location specific drudgery reduction technologies								
Rural Crafts	1	0	15	15	0	5	5	20
Women and child care	1	0	15	15	0	5	5	20
Total	6		90	90		30	30	120
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems								
Use of Plastics in farming practices								
Production of small tools and implements								
Repair and maintenance of farm machinery and implements								
Small scale processing and value addition								
Post Harvest Technology								
VII Plant Protection								
Integrated Pest Management								
Integrated Disease Management								
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides								
Total								
VIII Fisheries								
Integrated fish farming								

Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Fish processing and value addition								
IX Production of Inputs at site								
Seed Production								
Planting material production (Horti.)								
Bio-pesticides production								
Vermi-compost production (Horti.)								
Organic manures production (A.S.)								
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								
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								
Total								
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems (Agro)								
XII Others (Pl. Specify)								
TOTAL	30	360	90	498	48	60	102	600

C) Consolidated table (ON and OFF Campus)

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								

Weed Management	2	33	2	35	4	1	5	40
Resource Conservation Technologies	3	51	2	53	6	1	7	60
Cropping Systems	0	0	0	0	0	0	0	0
Crop Diversification	2	33	2	35	4	1	5	40
Site specific nutrient management	0	0	0	0	0	0	0	0
Integrated Farming	0	18	0	18	2	0	2	20
Water management	1	33	2	35	4	1	5	40
Seed production	1	33	2	35	4	1	5	40
Nursery management	1	33	2	35	4	1	5	40
Integrated Crop Management	1	18	0	18	2	0	2	20
Fodder production	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0
Natural farming	0	0	0	0	0	0	0	0
Total	15	252	12	264	30	6	36	300
II Horticulture	0	0	0	0	0	0	0	0
a) Vegetable Crops	0	0	0	0	0	0	0	0
Production of low volume and high value crops	0	0	0	0	0	0	0	0
Off-season vegetables	1	18	0	18	2	0	2	20
Nursery raising	2	33	2	35	4	1	5	40
Exotic vegetables like Broccoli	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0
Grading and standardization	2	30	4	34	4	2	6	40
Protective cultivation (Green Houses, Shade Net etc.)	1	18	0	18	2	0	2	20
b) Fruits	0	0	0	0	0	0	0	0
Training and Pruning	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0
Cultivation of Fruit	1	18	0	18	2	0	2	20
Management of young plants/orchards	2	33	2	35	4	1	5	40
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0
Plant propagation techniques	1	18	0	18	2	0	2	20
c) Ornamental Plants	0	0	0	0	0	0	0	0
Nursery Management	1	18	0	18	2	0	2	20
Management of potted plants	0	0	0	0	0	0	0	0

Export potential of ornamental plants	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	1	15	2	17	2	1	3	20
d) Plantation crops	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
e) Tuber crops	0	0	0	0	0	0	0	0
Production and Management technology	1	18	0	18	2	0	2	20
Processing and value addition	0	0	0	0	0	0	0	0
f) Spices	0	0	0	0	0	0	0	0
Production and Management technology	2	33	2	35	4	1	5	40
Processing and value addition	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0
Total	15	252	12	264	30	6	36	300
III Soil Health and Fertility Management	0	0	0	0	0	0	0	0
Soil fertility management	2	33	2	35	4	1	5	40
Soil and Water Conservation	2	33	2	35	4	1	5	40
Integrated Nutrient Management	2	33	2	35	4	1	5	40
Production and use of organic inputs	2	15	2	17	2	1	3	20
Management of Problematic soils	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	2	36	0	36	4	0	4	40
Nutrient Use Efficiency	3	51	2	53	6	1	7	60
Soil and Water Testing	2	33	2	35	4	1	5	40
Total	15	252	12	264	30	6	36	300
IV Livestock Production and Management	0	0	0	0	0	0	0	0
Dairy Management	3	51	2	53	6	1	7	60
Poultry Management	1	18	0	18	2	0	2	20
Piggery Management	0	0	0	0	0	0	0	0
Rabbit Management/goat	3	51	2	53	6	1	7	60
Disease Management	5	81	6	87	10	3	13	100
Feed management	3	51	2	53	6	1	7	60
Production of quality animal products	0	0	0	0	0	0	0	0
Total	15	252	12	264	30	6	36	300

V Home Science/Women empowerment	0	0	0	0	0	0	0	0
Household food security by kitchen gardening and nutrition gardening	2	0	30	30	0	10	10	40
Design and development of low/minimum cost diet	2	0	30	30	0	10	10	40
Designing and development for high nutrient efficiency diet	1	0	15	15	0	5	5	20
Minimization of nutrient loss in processing	1	0	15	15	0	5	5	20
Gender mainstreaming through SHGs	2	0	30	30	0	10	10	40
Storage loss minimization techniques	1	0	15	15	0	5	5	20
Value addition	1	0	15	15	0	5	5	20
Income generation activities for empowerment of rural Women	2	0	30	30	0	10	10	40
Location specific drudgery reduction technologies	1	0	15	15	0	5	5	20
Rural Crafts	1	0	15	15	0	5	5	20
Women and child care	1	0	15	15	0	5	5	20
Post Harvest Management	0	0	0	0	0	0	0	0
Total	15	0	225	225	0	75	75	300
VI Agril. Engineering	0	0	0	0	0	0	0	0
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
VII Plant Protection	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0	0	0	0
Bio-control of pests and diseases	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0
VIII Fisheries	0	0	0	0	0	0	0	0
Integrated fish farming	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0

Portable plastic carp hatchery	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0
IX Production of Inputs at site	0	0	0	0	0	0	0	0
Seed Production	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0
X Capacity Building and Group Dynamics	0	0	0	0	0	0	0	0
Leadership development	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0
XI Agro-forestry	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0
XII Others (Pl. Specify)	0	0	0	0	0	0	0	0
GT (PF)	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0

TOTAL	75	100 8	225	128 1	120	105	219	1500
(B) RURAL YOUTH	0	0	0	0	0	0	0	0
Mushroom Production	1	7	0	7	2	1	3	10
Bee-keeping	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0
Seed production (Hort)	1	13	2	15	0	0	0	15
Seed production (Agro)	1	15	0	15	0	0	0	15
Production of organic inputs (SS)	0	0	0	0	0	0	0	0
Integrated Farming (Medicinal)	1	4	0	4	1	0	1	5
Planting material production	0	0	0	0	0	0	0	0
Vermi-culture (SS)	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0
Value addition (Hs)	1	0	10	10	0	5	5	15
Production of quality animal products	0	0	0	0	0	0	0	0
Dairying (AS)	0	0	0	0	0	0	0	0
Sheep and goat rearing	1	15	0	15	0	0	0	15
Quail farming	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0
Poultry production (AS)	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0
Small scale processing (HS)	0	0	0	0	0	0	0	0

Post Harvest Technology	1	0	10	10	0	5	5	15
Tailoring and Stitching	0	0	0	0	0	0	0	0
Aggarbatti preparation	1	0	10	10	0	5	5	15
TOTAL	8	54	32	86	3	16	19	105
(C) Extension Personnel	0	0	0	0	0	0	0	0
Productivity enhancement in field crops(Agro)	1	15	0	15	0	0	0	15
Integrated Disease Management (PP)	0	0	0	0	0	0	0	0
Integrated Pest Management(PP)	0	0	0	0	0	0	0	0
Integrated Nutrient management (SS)	2	30	0	30	0	0	0	30
Integrated Crop Management	0	0	0	0	0	0	0	0
Production technique of cucurbits (Hort)	1	13	0	13	2	0	2	15
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Production technique of hybrid vegetables (Hort)	1	15	0	15	0	0	0	15
Integrated Pest Management in Vegetable crop (Hort)	1	15	0	15	0	0	0	15
Formation and Management of SHGs	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0
Women and Child care (HS)	1	0	15	15	0	0	0	15
Low cost and nutrient efficient diet designing (HS)	1	0	15	15	0	0	0	15
Production and use of organic inputs (SS)	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Feed Management (AS)	0	0	0	0	0	0	0	0
Disease Management(AS)	1	15	0	15	0	0	0	15
Bio-control of pest and diseases	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0
Management of problematic soil	0	0	0	0	0	0	0	0
Micronutrient Deficiency in Crop	0	0	0	0	0	0	0	0
TOTAL	9	105	30	135	0	0	0	135
	0	0	0	0	0	0	0	0

G. Total PF+RY+EF	92	116 7	287	150 2	123	121	238	1740
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Details of training programmes attached in **Annexure -I**

3.4. Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	6	200	25	225	15	-	15	215	25	240
Kisan Ghosthi	8	200	20	220	15	-	15	215	20	235
Kisan Mela	1	850	100	950	50	-	50	900	100	1000
Film Show	5	140	20	160	5	-	5	145	20	165
Method Demonstrations	6	120	10	130	-	-	-	120	10	130
Group meetings	2	-	30	30	-	5	5	-	35	35
Newspaper coverage	50	-	-	-	-	-	-	-	-	Mass
Radio talks	10	-	-	-	-	-	-	-	-	Mass
TV talks	20	-	-	-	-	-	-	-	-	Mass
Popular articles	10	-	-	-	-	-	-	-	-	Mass
Advisory Services	300	200	50	250	50	-	50	250	50	300
Scientific visit to farmers field	100	290	60	350	-	-	-	290	60	350
Farmers visit to KVK	300	425	75	500	-	-	-	425	75	500
Self Help Group Conveners meetings	2	15	5	20	-	-	-	15	5	20
Animal health /vaccination camp	2	50	10	60	-	-	-	50	10	60
Exhibition	1	850	100	950	50	-	50	900	100	1000
Lecture to be delivered as resource person	25	2500	-	2500	-	-	-	2500	-	2500
Extension literature	7	-	-	-	-	-	-	-	-	-
Diagnostic visit	150	300	20	320	-	-	-	300	20	320
Soil health camp	3	120	30	150	-	-	-	120	30	150

Soil test campaign	10	300	50	350	20	-	20	320	50	370
Celebration of important days	2	40	-	40	10	-	10	50	-	50
Farmers-Scientists interaction	4	140	-	140	-	-	-	140	-	140
SMS Advisory services	6	-	-	-	-	-	-	-	-	-
Krishi Mohostva										
Krishi Rath										
Pre Kharif workshop										
Pre Rabi workshop										
PPVFRA workshop										
Any Other (Specify)										
Ex-trainees Sammelan										
Farmers Seminar										
Total	1030	6740	605	7345	215	5	220	6955	610	7565

3.5 Target for Production and supply of Technological products

A) SEED MATERIALS

Sl. No.	Crop	Variety	Quantity (qtl.)
CEREALS			
	Rice	NDR-2065,Sambha Sub-1, MTU 7029	140.00
	Wheat	HD-2967, DBW 187,	140.00
OILSEEDS			
	Mustard	RH-749, Giriraj	8.00
PULSES			
	Chick Pea	GNG – 1581	10.00
	Pigeon Pea	IPA-203	15.00
VEGETABLES			
OTHERS (Specify)			

B) PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)
FRUITS			
	Papaya, Mango, Guava, Aonla, Ber, Bael, Jackfruit etc.		500
SPICES			
VEGETABLES			
	Tomato, Brinjal, Chilli,		14500

	Cauliflower, Cabbage, Onion etc.		
FOREST SPECIES			
ORNAMENTAL CROPS			
	Marigold, Calandula, Portulacha, kochia, Glardia etc.		5000
		Total	20000

C) BIO-PRODUCT

SI. No.	Product Name	Species	Quantity	
			No	(kg)
BIO PESTICIDES				
	Vermin compost + verms		Compost- 500kg	
Bio Fertilizers		<i>EiseniafetidaEudrimusEugeniae</i>	Verms- 30kg	Bio Fertilizers
Azola	--	Azola		100 Kg

D) LIVESTOCK

SI. No.	Type	Breed	Quantity	
			(Nos)	Unit
	Cattle			
	GOAT			
	SHEEP			
	POULTRY			
	Pig farming			
	FISHERIES	Common Carp,Rohu Carp, Catala Carp ,Slver Carp		700 kg

3.6 Literature to be Developed/Published

(A) KVK News Letter

Date of start : Jan 2021

Number of copies to be published : 12 Publication

(B) Literature developed/published

S.No.	Topic	Number
1	Research paper each scientist	07
2	Technical reports	06
3	News letters	12
4	Training manual all discipline	
5	Popular article	21
6	Extension literature	17
	Total	63

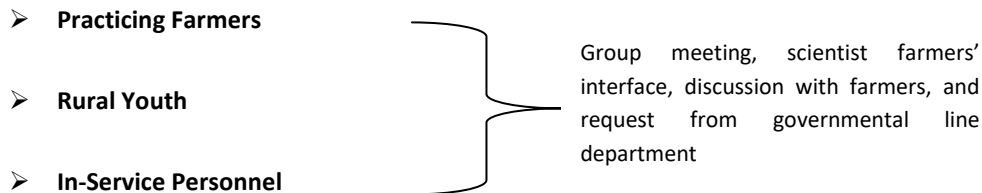
(C) Details of Electronic Media to be Produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette, whatsapp group, mobile app, etc.	Title of the product	Number
1			

3.7. Success stories/Case studies identified for development as a case. -

- a. Brief introduction/Background
- b. Interventions/process
- c. Output
- d. Outcomes
- e. Impact
 - i) Social economic
 - ii) Bio-Physical
- f. Good Action Photographs

3.8 Indicate the specific training need analysis tools/methodology followed for Practicing Farmers



3.9 Indicate the methodology for identifying OFTs/FLDs

For OFT :

- i) PRA
- ii) Problem identified from Matrix based ranking & analysis
- iii) Field level observations
- iv) Farmer group discussions
- v) Others if any

For FLD :

- i) New variety/technology
- ii) Poor yield at farmers level
- iii) Existing cropping system
- iv) Others if any

3.10 Field activities

- i. Name of villages identified/adopted with block name (from which year) - 25 villages Block:-Campierganj (4-village), JangalKaudiya(7-village), Bhathat(1-village), Pali (3-village), Chargawan(3-village), Pipraich(3-village), Sardar Nagar (1-village), Khorabar(1-village) and Sahjanwan (02 Village)
- ii. No. of farm families selected per village :100
- iii. No. of survey/PRA conducted :05
- iv. No. of technologies taken to the adopted villages
- v. Name of the technologies found suitable by the farmers of the adopted villages:
- vi. Impact (production, income, employment, area/technological– horizontal/vertical)
- vii. Constraints if any in the continued application of these improved technologies

3.11. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab: Yes

1. Year of establishment : 2017

2. List of equipments purchase with amount

Sl. No.	Name of the equipment	Quantity	Cost (Rs)
1	Soil Testing Kit	02	2,02,960.00

3. Targets of samples for analysis:

Details	No. of Samples	No. of Farmers	No. of Villages	Amount to be realized
Soil Samples	1500	1500	50	-
Water	0	0	0	-
Plant	100	100	30	-
Total	1600	1600	80	-

4.0 LINKAGES

4.1 Functional linkage with different organizations/department

Sl.No.	Name of organization	Nature of Linkage	Outcome of linkage
1.	Soil testing department	Trainers for training, assistance in soil testing lab of KVK, assistance in organizing Kisan Mela	
2.	RTI	Training	
3.	District Agriculture Department	Training, diagnostic survey, conducting in-service training programme, Food Security Mission	
4.	District Horticulture Department	Training, Diagnostic survey, National Horticulture Mission	
5.	IIVR Varanasi	Resource person for training, Diagnostic survey, cooperative vegetable seed linkage	
6.	IFFCO Foundation	Training & demonstration	
7.	KRIBHCO	Grading of seeds	
8.	Deptt of Animal Husbandry	Vaccination, deworming and trainings	
9.	NABARD	Participation in meeting and training	
10.	Nehru Yuva Kendra	Training	
11.	ANDUA&T, Ayodhya	Latest released varieties & guidance	
12.	PPL, Varanasi	Training	
13.	TATA Chemicals limited, Bombay	Training	
14.	Dhanuka, New Delhi	Kisan Mela	
15.	Banks	Kisan Mela.	
16.	CIMAP, Lucknow	Advisory Services	
17.	ATMA, Gorakhpur	Training, Member Governing Board, Advisory Services	
18.	DSR, Mau	Training, Seed Linkage	
19.	Mahindra Samridhi	Training, Soil Testing	
20.	IARI, New Delhi	Demonstration	
21.	NHM, New Delhi	Demonstration units, Training	
22.	IISR, Lucknow	Demonstration units, Training	
23.	ITC	Training	
24.	UP Food Preservation Dept.	Food Preservation	

25.	NRLM	SHG	
26.	Reliance	Advisory Services	
27.	Tata Dhanya	Training, Demonstration	
28.	Byer Crop Sciences	Training, Demonstration	
29.	Nuzivedu	Training, Demonstration	
30.	DayalFertilizer	Training, Demonstration	
31.	UPL	Training, Demonstration	
32.	DDUGU	FPO formation	
33.	HURL	Training, Demonstration	

4.2 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

S. No.	Programme	Nature of linkage	Outcome of linkage
1	Training programme	Scientists as resource person	Attend programmes
2	AES (Agro-Ecological situation)	Scientists of KVK visits trials conducted by ATMA	-
3	Front Line Demonstration (FLD)	KVK's scientists visits demonstrations for supervision & Field Day	-

5. Utilization of Hostel facilities

S. No.	Programme	No. of days
1		
2		
Total		

6. Partnership with departments for technology out scaling (proposed) :

Annexure - I

Training Programme

i) Farmers & Farm women (On Campus)

Date	Clientele (PF/Ry/FW)	Title of the training programme	Duration in days	Number of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
Crop Production										
09-July-24	PF	Direct seeded Rice (DSR)	1	18	0	18	2	0	2	20
23-July-24	PF	Crop Diversification in kharif crops	1	18	0	18	2	0	2	20
10-Sept-24	PF	Nursery management in paddy	1	18	0	18	2	0	2	20
25-Sep-24	PF	Integrated Crop Management	1	18	0	18	2	0	2	20
14-Oct-24	PF	Seed Production Technology of Mustard	1	18	0	18	2	0	2	20
22-Oct-24	PF	Seed production of pulse crop	1	18	0	18	2	0	2	20
05-Nov-24	PF	Seed Production Technology of Wheat	1	18	0	18	2	0	2	20
13-Nov-24	PF	Weed Management in rabi crops	1	18	0	18	2	0	2	20
18-Dec-24	PF	Resource Conservation Technologies in wheat	1	18	0	18	2	0	2	20
Total			9	162	0	162	18	0	18	180

Horticulture										
05-Jan-2024	PF	Protective cultivation (Green Houses, Shade Net etc.)	1	18	0	18	2	0	2	20
24-May-2024	PF	Nursery Management of seasonal vegetables	1	18	0	18	2	0	2	20
10-June-2024	PF	Production and Management technology of mango	1	18	0	18	2	0	2	20
20-June-2024	PF	Off-season vegetable production	1	18	0	18	2	0	2	20
10-July-2024	PF	Nursery raising	1	18	0	18	2	0	2	20
14-Aug.-2024	PF	Management of young plants/orchards	1	18	0	18	2	0	2	20
28-Aug.-2024	PF	Cultivation of Fruit crops	1	18	0	18	2	0	2	20
11-Sept.2024	PF	Strawberry cultivation for higher income	1	18	0	18	2	0	2	20
17-Oct.-2024	PF	Marigold cultivation for doubling income	1	18	0	18	2	0	2	20
18-Nov.-2024	PF	Plant propagation techniques	1	18	0	18	2	0	2	20
Total			9	162	0	162	18	0	18	180
Livestock prod.										
16-April-2024	PF	Preparation Balance ration for milch animals	1	18	-	18	2	-	2	20
25-May-2024	PF	Management of milking animals	1	18	-	18	2	-	2	20
12-June-2024	PF	Income generation through Poultry farming	1	18	0	18	2	0	2	20
16-July-2024	PF	Green fodder production technology	1	18	-	18	2	-	2	20
13-Sept.2024	PF	Scientific goat rearing	1	18	0	18	2	0	2	20
15-Oct.-2024	PF	Disease Management of livestock	1	18	0	18	2	0	2	20
19-Nov.-2024	PF	Feed & nutrition management in livestock	1	18	-	18	2	-	2	20
10-Dec-2024	PF	Scientific goat rearing	1	18	-	18	2	-	2	20
27-Dec-2024	PF	Common diseases of livestock and their managements	1	18	-	18	2	-	2	20
Total			9	162	0	162	18	0	18	180
Home Sc.										
19-Feb-2024	PF	Household food security by kitchen gardening and nutrition gardening	1	0	15	15	0	5	5	20
08-Mar-2024	PF	Design and development of low/minimum cost diet	1	0	15	15	0	5	5	20
20-May-2024	PF	Designing and development for high nutrient efficiency diet	1	0	15	15	0	5	5	20
12-Sept-2024	PF	Minimization of nutrient loss in processing	1	0	15	15	0	5	5	20
26-Sep-2024	PF	Gender mainstreaming through SHGs	1	0	15	15	0	5	5	20
15-Oct-2024	PF	Storage loss minimization techniques	1	0	15	15	0	5	5	20
23-Oct-2024	PF	Value addition of fruit crops	1	0	15	15	0	5	5	20
06-Nov-2024	PF	Income generation activities for empowerment of rural Women	1	0	15	15	0	5	5	20
14-Nov-2024	PF	Location specific drudgery reduction technologies	1	0	15	15	0	5	5	20
Total			9	0	135	135	0	45	45	180
Soil Health										
17-Feb-2024	PF	Soil fertility management	1	18	0	18	2	0	0	20

03-Mar-2024	PF	Soil and Water Conservation	1	18	0	18	2	0	0	20
22-May-2024	PF	Integrated Nutrient Management	1	18	0	18	2	0	0	20
15-Sept-2024	PF	Production and use of organic inputs	1	18	0	18	2	0	0	20
28-Sep-2024	PF	Micro nutrient deficiency in crops	1	18	0	18	2	0	0	20
11-Oct-2024	PF	Nutrient Use Efficiency	1	18	0	18	2	0	0	20
20-Oct-2024	PF	Soil and Water Testing	1	18	0	18	2	0	0	20
03-Nov-2024	PF	Micro nutrient deficiency in crops	1	18	0	18	2	0	0	20
19-Nov-2024	PF	Nutrient Use Efficiency	1	18	0	18	2	0	0	20
Total			9	162	0	162	18	0	0	180

i) Farmers & Farm women (Off Campus)

Date	Clientel e	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
Crop Production										
05-Jun-24	PF	Direct seeded Rice (DSR)	1	18	0	18	2	0	2	20
20-May-24	PF	Nursery management in paddy	1	18	0	18	2	0	2	20
11-Oct-24	PF	Seed Production Technology of Mustard	1	18	0	18	2	0	2	20
06-Dec-24	PF	Seed Production Technology of Wheat	1	18	0	18	2	0	2	20
20-Dec-24	PF	Weed Management in rabi crops	1	18	0	18	2	0	2	20
23-Dec-24	PF	Resource Conservation Technologies in wheat	1	18	0	18	2	0	2	20
Total			6	108	0	108	12	0	12	120
Horticulture										
29-Jan.-24	PF	Use of plant growth hormones in production of vegetable crops for higher income	1	18	0	18	2	0	2	20
14-June-2024	PF	Disease free cultivation of bottle gourd in Gorakhpur district for higher monetary returns.	1	18	0	18	2	0	2	20
29-July-24	PF	Propagation techniques of Ornamental Plants	1	18	0	18	2	0	2	20
20-Aug.-24	PF	Scientific management of Mango plants for higher income	1	18	0	18	2	0	2	20
07-Sept.-24	PF	Cultivation of spices in Gorakhpur district for higher monetary returns	1	18	0	18	2	0	2	20
17-Oct.-24		Marigold cultivation for doubling income	1	18	0	18	2	0	2	20
Total			6	108	0	108	12	0	12	120
Live Stock Production.										
06 Jan 2024	PF	Care and management of livestock during	1	18	0	18	2	0	2	20

		winter season								
27-Feb-2024	PF	Important diseases of cattle and their control measures	1	18	0	18	2	0	2	20
15-May-2024	PF	Control of livestock diseases through Vaccination	1	18	0	18	2	0	2	20
25-July-2024	PF	Ideal animal husbandry through scientific method for income generation	1	18	0	18	2	0	2	20
25-Sept-2024	PF	Control of sterility & infertility in farm animals	1	18	0	18	2	0	2	20
20 Nov 2024	PF	Mastitis: its cause and prevention	1	18	0	18	2	0	2	20
		Total	6	108	0	108	12	0	12	120
Home Science										
22-Feb-2024	PF	Production of seasonal vegetables to enhance health status	1	00	15	15	00	05	05	20
15-Mar-2024	PF	Capacity building training for SHGs of women	1	00	15	15	00	05	05	20
08-Apr-2024	PF	Income generating activity for empowerment of rural women	1	00	15	15	00	05	05	20
23-Sep-2024	PF	Nutritional upliftment by low cost locally available less familiar food	1	00	15	15	00	05	05	20
16-Nov-2024	PF	Preparation of rural craft for financial upliftment of farm women.	1	00	15	15	00	05	05	20
21-Nov-2024	PF	Value addition of fruit crops	1	00	15	15	00	05	05	20
		Total	6	00	90	90	00	30	30	120
Soil health										
5-March-24	PF	Introduction to Natural farming	1	18	0	18	2	0	2	20
28-May-24	PF	Use of balanced dose of chemical fertilizer and bio-fertilizer in paddy	1	18	0	18	2	0	2	20
17 July-24	PF	INM in vegetable crops and use of biofertilizer.	1	18	0	18	2	0	2	20
08-Nov-24	PF	INM in wheat.	1	18	0	18	2	0	2	20
20-Nov-24	PF	Mushroom production technology	1	18	0	18	2	0	2	20
11-Dec-24	PF	INM through Soil Health Card	1	18	0	18	2	0	2	20
		Total	6	108	0	108	12	0	12	120

ii) Vocational training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Month	Duration (days)	No. of Participants			SC/ST participants			G.Total
					M	F	T	M	F	T	
Biofertilizer (SS)	Bio-fertilizer use promotion	Use of biofertilizer for enhancing nutrient use efficiency and yield	23-25 Sept.-2024	03	15	0	15	0	0	0	15

		maximization									
Flower production(Hort)	Commercial flower production	Flower production for sustainable income	07-09 October-24	03	03	02	05	0	0	0	05
Offered Flower Agarbattimaking(HS)	Production of Flower based agarbatti	Agarbatti training	08-12 July-2024	03	02	07	09	0	1	1	10
Mushroom (Hort/SS)	Promotion of supplementary food	Mushroom production technology	22-24 Aug.-2024	03	7	0	7	2	1	3	10
Wheat (Agro)	Seed production	Seed production technology of wheat	19-21 Nov-2024	03	11	0	11	4	0	4	15
Vegetables (Hort)	Protected cultivation	Protected cultivation of vegetable crops	16-18 Dec.-24	03	15	0	15	0	0	0	15
Crop + Livestock	Sheep and Goat rearing	Income generation through Sheep and Goat rearing	20-22-August., 2024	03	10	5	15	0	0	0	15
Value addition (HS)	Value addition	Value addition of Fruit And Vegetables	15-17 July 2024	03	0	15	15	0	0	0	15

iii) Training programme for extension functionaries

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
On Campus										
12-April- 2024	EF	Production technique of kharif onion (Hort)	1	13	0	13	2	0	2	15
25-Nov.-24	EF	Production technique of hybrid vegetables (Hort)	1	15	0	15	0	0	0	15
05-April-2024	EF	Integrated nutrient management in zaidcrops(SS)	1	15	0	15	0	0	0	15
02-Aug-2024	EF	Integrated nutrient management in paddy for increasing nutrient use efficiency (SS)	1	15	0	15	0	0	0	15
26-Oct-24	EF	Production Technique of Rabi crops (Agron)	1	15	0	15	0	0	0	15
19-Dec.-24	EF	Integrated Pest Management in Vegetable crop (Hort)	1	15	0	15	0	0	0	15
23-Dec-2024	EF	Care & management of livestock (Ani Sc.)	1	15	0	15	0	0	0	15
22-Jun-2024	EF	Low cost and nutrient efficient diet designing (HS)	1	0	15	15	0	0	0	15
29-Nov-2024	EF	Household food security Women and Child care (HS)	1	0	15	15	0	0	0	15

iv) Sponsored programme

Discipline	Sponsoring agency	Clientele	Title of the training programme	No. of course	No. of participants	Number of SC/ST	G. Total
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				M	F	T	M	F	T
a) Sponsored training programme									
			Total						
b) Sponsored research programme									
			Total						
c) Any special programmes									
			Total						