ANNUAL REPORT

MAHAYOGI GORAKHNATH KRISHI VIGYAN KENDRA

Period of Report: January 2023 to December 2023

APR SUMMARY

(Note: While preparing summary, please don't add or delete any row or columns)

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	48	726	366	1092
Rural youths	6	73	30	103
Extension functionaries	4	27	40	67
Sponsored Training	1	40	0	40
Vocational Training	0	0	0	0
Total	59	866	436	1302

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	160	60	
Pulses	119	40	
Cereals	110	31	
Vegetables	30	2	
Other crops	20	0.5	
Hybrid crops	0	0	
Total	439	133.5	
Livestock & Fisheries	87	10	
Other enterprises	20	0.4	
Total	107	10.4	
Grand Total	546	143.9	

3. Technology Assessment & Refinement

Category	No. of Technology	No. of Trials	No. of Farmers
	Assessed		
Technology Assessed			
Crops	5	5	25
Livestock	3	15	15
Various enterprises	1	10	10
Total	9	30	50
Technology Refined			
Crops			
Livestock			
Various enterprises			
Total			
Grand Total			

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	488	34920
Other extension activities	15	Mass
Total	503	

5. Mobile Advisory Services

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		Type of Messages						
Name of KVK	Message Type	Сгор	Livestoc k	Weathe r	Marke- ting	Aware- ness	Other enterprise	Total
	Text only	52	18	0	10	0	8	88
	Voice only	0	0	0	0	0	0	0
	Voice & Text both	0	0	0	0	0	0	0
	Total Messages	52	18	0	10	0	8	88
	Total farmers Benefitted	2556	2556	0	2556	0	2556	10224

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	204	766900
Planting material (No.)	28211	18910
Bio-Products (kg)		
Livestock Production (No.)		
Fishery production (No.)		

7. Soil, water & plant Analysis

Samples	No. of farmers	Value Rs.
Soil	2855	
Water		
Plant		
Total	2855	

8. HRD and Publications

Sr. No.	Category	Number	No. of participants
1	Workshops	0	
2	Conferences	0	
3	Meetings	0	
4	Trainings for KVK officials	0	
5	Visits of KVK officials	0	
6	Book published	0	-
7	Training Manual	0	-
8	Book chapters	0	-
9	Research papers	0	-
10	Lead papers	0	-
11	Seminar papers	0	-
12	Extension folder	0	-
13	Proceedings	0	-
14	Award & recognition	0	-
15	On going research projects	0	-

DETAIL REPORT OF APR-(Jan 2023 to December 2023)

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with ph	hone, fax and e-mail
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Address	Telephone		E mail
	Office	FAX	
Mahayogi Gorakhnath Krishi	0551-	0551-	gorakhpurkvk2@gmail.com
Vigyan Kendra, Chauk Mafi	2255453	2255455	
(Peppeganj), Jangal Kaudia,	2255454		
Gorakhpur, (U.P.)			

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

Address	Telephone		E mail
	Office	FAX	
Guru Gorakshnath Sewa Santhan, Sri Gorakhnath Mandir, Gorakhpur	0551- 2255453, 54	0551-2255455	gorakhpurkvk2@gmail.com

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

Name	Telephone / Contact		
	Residence Mobile Email		
Dr. Rajesh Kumar Singh		9794590474	gorakhpurkvk2@gmail.com

1.4. Year of sanction: 2016

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

Sl. No.	Sanctioned post	Name of the incumbent	Design-ation	Subject	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temp- orary	Category (SC/ST/ OBC/ Others)	Mobile no.	Age	Email id
1	Programme Coordinator	Dr. Rajesh Kumar Singh	Senior Scientist cum Head	Horticulture	37400- 67000	131400	02/06/2023	Temporary	Others	9794590474	47	rksinghkvk1976@gmail.com
2	Subject Matter Specialist	Dr. Vivek Pratap Singh	Subject Matter Specialist	Animal Husbandary and Dairying	15600- 39100	65,000	31/07/2017	Temporary	Others	9415745095	36	vpslpm@gmail.com
3	Subject Matter Specialist	Dr. Ajit Kumar Srivastava	Subject Matter Specialist	Horticulture	15600- 39100	67,000	01/08/2017	Temporary	Others	8787264166	45	ajiticar@gmail.com
4	Subject Matter Specialist	Mr. Avanish Kumar Singh	Subject Matter Specialist	Agronomy	15600- 39100	67,000	01/08/2017	Temporary	Others	9792099943	33	avanishsinghicar@gmail.com
5	Subject Matter Specialist	Dr. Sandeep Prakash Upadhyay	Subject Matter Specialist	Soil Science	15600- 39100	67,000	01/08/2017	Temporary	Others	9690475529	37	sandeepupadhyay383@gmail.com
6	Subject Matter Specialist	Mrs. Shweta Singh	Subject Matter Specialist	Home Science	15600- 39100	59,500	18/01/2021	Temporary	Others	9453158193	36	shweta429@gmail.com
7	Subject Matter Specialist	Vacant	Subject Matter Specialist	-	-	-	-	Temporary	-	-	-	-
8	Programme Assistant	Gaurav Kumar Singh	Programme Assistant- Computer	IT	9300- 34800	42,300	14/08/2017	Temporary	Others	9838674999	36	vishengaurav@gmail.com
9	Computer Programmer	Jitendra Kumar Singh	Programme Assistant	Lab. Technician	9300- 34800	41,100	14.08.2018	Temporary	OBC	9956912021	30	jitendra.s273158@gmail.com
10	Farm Manager	Ashish Kumar Singh	Programme Assistant	Farm Manager	9300- 34800	41,100	14.08.2018	Temporary	Others	7752941868	34	ashishksingh1994@gmail.com
11	Accountant / Superintendent	Shubham Pandey	Assistant	Assistant	9300- 34800	39,900	14.08.2018	Temporary	Others	7752941868	30	luckywatson123@gmail.com
12	Stenographer	Vacant	Stenographer Grade-III	-	-	-	-	Temporary	-	-	-	-

13	Driver	Sanjay Kumar Yadav	Driver-cum- Mechanic	Driver	5200- 20200	25,200	14.08.2018	Temporary	OBC	9415853387	34	sanjayyadavmgkvk@gmail.com
14	Driver	Dinesh Rao	Driver-cum- Mechanic	Driver	5200- 20200	25,200	14.08.2018	Temporary	OBC	9695713464	31	dineshgkp1991@gmail.com
15	Supporting staff	Jai Prakash Singh	Supporting Staaf Grade-I	Skilled Supporting Staaf	5200- 20200	20,900	14.08.2018	Temporary	Others	8545003001	29	jaiprakashsingh1005@gmail.com
16	Supporting staff	Abhimanyu Kumar Verma	Supporting Staff Grade-I	Skilled Supporting Staff	5200- 20200	20,900	14.08.2018	Temporary	OBC	9918989802	29	abhimanyuverma0808@gmail.com

1.6. Total land with KVK (in ha)

S. No.	Item	Area (ha)
1	Under Buildings	0.055
2.	Under Demonstration Units	1.0
3.	Under Crops	12
4.	Orchard/Agro-forestry	2
5.	Others (specify)	5

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1.7. Infrastructural Development:

A) Buildings

		Source			Stage			
S.	Name of	of		Complete	-		Incomple	ete
No.	building	funding	Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	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		14.33	Completed
5.	Threshing floor	RKVY	Oct 2021	600	13.2	Dec 2020	13.2	Completed
6.	Under ground Irrigation channel	RKVY	Dec 2021	3000 meter	10.0	July 2020	30.0	Completed
7.	Integrated Farming System	RKVY	Under Construction		12.0	Oct. 2020	25.0	Completed
8.	Bee Keeping	RKVY	Under Construction	22.29	9.00	Oct 2020	22.297	Completed
9.	Fish Pond	RKVY	Under Construction	0.2 ha	2.5	March 2021	5.0	Completed
10.	Boundry Wall	RKVY	Dec 2021	3300meter	250.0	Nov 2019	264.0	Completed
11.	CC Road	RKVY	Under Construction	600 Meter	13.2	March 2021	13.2	Completed
12.	Farmers Hostel cum Training Hall	RKVY	Under Construction	400	55.0	Oct 2020	77.0	Completed
13.	Entrance Gate	RKVY	Under Construction		0.5	March 2021	2.2	Completed
14.	Implement Shade	RKVY	Under Construction	260	-	March 2021	6.0	Completed
15.	Solar Energy Supply 5KVA	RKVY	2020	-	5.0		5.0	Completed
16.	Solar Street Light	RKVY	2020	-	-		5.0	Completed
17.	Establishment of Solar Pump 5 HP	RKVY	2020	-	8.0		8.0	Completed
18.	Sprinkler System	RKVY	Under Construction	8 ha	-		5.0	Completed

								8
19.	Leveling, Bunding	RKVY	Under Construction	20.0	2.0	May 2020	12.0	Completed
20.	Poly house Net house, Green House & Permanent Nursery Bed	RKVY	Under Construction	-	34.8	-	35.0	Completed
21.	Mini Mother Orchard	RKVY	2020	-	0.5		0.5	Completed
22.	Mini Seed Processing Plant	RKVY	Under Construction	-	30.0	-	40.0	Completed
23.	Azola / BGA	RKVY	Under Construction	-	-	March 2021	0.5	Completed
24.	Scientific Museum	RKVY	Under Construction		-	-	2.0	Completed
25.	Mushroom Unit with processing facility	RKVY	Under Construction	44.6	-	Oct 2020	20.0	Completed
26.	Hydroponic Unit	RKVY	March 2020	144	14.8		15.0	Completed
27.	Farm Gowdn							

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor (UP 53 CL	2017	9.55	2795 hr.	Good Condition
5201)				
Bolero (UP 53	2019	6.50	101000	Good Condition
AG1220)				

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Groundnut Decorticator	2019	5389	Good Condition
UMMB machine	2019	11006	Good Condition

1.8. A). Details SAC meeting* conducted in the year

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
1.	26/03/2021	1. Prof. U.P. Singh, Vice Chairman,	1	1
		MGKVK	2	2
		Dr. Atar Singh, Director, ICAR –	3	3
		ATARI, Kanpur	4	4
		3. Dr. Raghvendra Singh, Principal	5	5
		Scinetist, ICAR – ATARI, Kanpur	6	6
		4. Dr. Sadhana Pandey, Principal	7	7
		Scientist, ICAR – ATARI, Kanpur	8	8
		5. Dr. Ranjit Singh, Retd. Prof.	9	
		ANDUA&T, Ayodhya		
		6. Dr. P. K. Singh, Retd. Prof.		
		ANDUA&T		
		7. Sri Arun Kumar Tiwari, DHO,		
		Gorakhpur		
		8. Sri Dinesh Kuma Nishad, Gram		
		Pradhan Ranadih		

		9
	 Dr. S.K. Singh, Sr. Scientist cum Head & Member Secretary, MGKVK, Gorakhpur 	
2.		

Note : This yellow mark may be treated as an example * Attach a copy of SAC proceedings along with list of participants

2. DETAILS OF DISTRICT (31st December, 2023)

2.1 Major farming systems/enterprises (based on the PRA done by the KVK)

S. No	Farming system/enterprise
1.	Crop Production + Livestock
2.	Crop Production + Poultry
3.	Crop Production + Fisheries
4.	Crop Production + Vegetable Production
5.	Crop Production + Vegetable Production+ Orchard

2.2 Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)

S. No	Agro-climatic Zone	Agro-ecological situations based on soil & topography	Characteristics
1.	AES-1 (Sandy loam)		Poor water holding capacity
2.	AES-2 (Silty loam, Khadar Soil)		Medium water holding capacity
3.	AES-3 (Clay Loam)		Good water holding capacity

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1.	AES-1	Soil Type-Sandy loam	160952
2.	AES-2	Soil Type-Silty loam, Khadar Soil	121714
3.	AES-3	Soil Type-Clay Loam	52651

2.4. Area, Production and Productivity of major crops cultivated in the district

S. No	Crop	Area (ha)	Production (Qtl)	Productivity (Qtl /ha)						
Α	FIELD CROPS IN	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						

В	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.	Citurs	20	160	08.00
С	VEGETABLES			
1.	Potato	5000	125490	250.90

2.5. Weather data

Month	Rainfall (mm)	Temp	erature ⁰ C	Relative Humidity (%)
		Maximum	Minimum	
Jan	17	21.4	9.6	71
Feb	26	25.3	12.8	62
March	14	31.7	17.5	43
April	11	36.9	22.8	34
May	35	37.3	25.5	47
June	181	35.3	26.5	64
July	342	31.6	26	83
August	289	31.5	25.8	84
Sepetember	199	30.9	24.7	83
October	43	30.2	20.6	74
November	3	27.6	15.6	63
December	9	23.3	11.1	68

2.6. Production and productivity of livestock, Poultry, Fisheries etc. in the district

Category	Population	Production	Productivity
Cattle	· ·	· ·	· · · · · · · · · · · · · · · · · · ·
Crossbred	288765		
Indigenous	186160		
Buffalo	279122		
Sheep			
Crossbred	234		
Indigenous	7660		
Goats	196224		
Pigs			
Crossbred	2864		
Indigenous	15168		
Rabbits			
Poultry	I	•	
Hens	682246		
Desi			
Improved			
Ducks			
Turkey and others			
Category	Area	Production	Productivity
Fish	2111	1002529	
Marine			
Inland			
Prawn			
Scampi			
Shrimp			

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Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1.	Campier ganj	Jungle Kaudia	Sihoraw a, Pratapp ur, Tallikhi ya, Rasulpu r Chakiya , Meerpu r	Rice, Wheat, Arhar, Mustard, Gram, Potato, Tomato, Bitter Gourd, Cucumber, Pumpkin, Ridge Gourd & Cattle	Low Yield, Anestrus and malnutrition in animal, weed infestation, pod-borer in pea, chick pea, Pigeon pea, soil erosion, less use of organic manure, Lack of awareness on post- harvest technology, value addition and drudgery reduction, Lack of timely information and technical guidance, Lack of knowledge about identification of insect-pest and different symptoms of diseases and pest attack	To improve productivity per unit area through Introduction of HYV, Integrated Nutrient Management, Integrated Disease Management, Integrated Weed Management, Seed production technology Maintenance of Old Orchard, Integrated pest management, Resource Conservation Technology, Kitchen gardening for production of nutritional food by women farmers, Raising productivity of livestock by upgrading the genetic potential by artificial insemination and use of mineral mixture, proper feeding and management, Post-Harvest management of food grain seed, fruits, vegetables, milk and milk products, less use of organic manure
2.	Campier ganj	Campier ganj	Bhaghi bhari, Atkawa , Mithour i, Kalyan pur, Ramcha ura,Bha gwanpu	Rice, Wheat, Arhar, Mustard, Gram, Potato, Tomato, Cucumber, Pumpkin, Banana, Mango	Incidence of insect- pest and diseases in cereals, pulses, oilseeds, fiber, sugarcane, forage, vegetable, fruit and ornamental crops, Lack of awareness about production and management of livestock's, vaccination and important disease problem in livestock	do

						12
3.	Sadar	Bhathat	Sarhare, Tikariy a, Jungle dumri Chakjal al Aurang abad	Gram, Potato, Tomato, Bottle Gourd, Cucumber, Pumpkin	Lesser adoption of Good Agronomical Practices (GAP) like summer ploughing and destruction of stubbles, line sowing and raised bed planting method, intercropping, crop rotation, green manuring and application of neem cake, ground nut cake for pest management, Lack of knowledge about HYV of horticultural crops and latest production technology	do
4.	Sahjanw a	Pali	Usri, Madar, Bharpa hi, Bhaksa, Musthaf abad,	Rice, Wheat, Arhar, Mustard, Gram, Potato, Tomato, Ridge Gourd, Banana, Mango, Cattle	Lesser adoption of seed treatment technique and use of higher doses of pesticides in vegetables and cereals. Low consumption and injudicious use of pesticides in rice, wheat, pulses, fiber and fruit plants. Higher doses and frequently usage of chemical pesticides in vegetable crops.	Do
5.	Sadar	Chargaw an	Bisunpur, Jangal aurahi, Lakshmip ur, Parmesha rpur, Jungle Dhushan, Siktor, Maniram, Sonbarsh a	Wheat, Arhar, Mustard, Gram, Potato, Tomato, Bottle Gourd, Cucumber, Pumpkin, Ridge Gourd, Banana, Mango	do	do

						13
6.	Sadar	Pipraich	Mohanp ur, Baraipu r, Bela, Bhaisah a, Gaura, Gopalp ur, Kushmi	Arhar, Mustard, Gram, Potato, Tomato, Bottle Gourd, Cucumber, Pumpkin, Ridge Gourd, Banana, Mango, Buffalo	do	do
7.	Chauri Chaura	Sadar Nagar	Bardi, Bhagwa npur,Ch aura, Devipur , Sariyaiy a, Bhauap ar	Rice, Wheat, Arhar, Mustard, Gram, Potato, Tomato, Bottle Gourd, Cucumber, Pumpkin, Ridge Gourd, Banana, Mango, Cow	do	do
8.	Sadar	Khorabar	Bhumih ari, Amhiya , Bhaisah a	Rice, Wheat, Arhar, Mustard, Gram, Potato, Tomato, tree plantation, Mango, goat	do	do

9	Sahjanw a	Sahjanw a	Keshok urha, Bhimap ar, Keshav pur, Gahash ad, basia bhagaur a	Rice, Wheat, Arhar, Mustard, Gram, Potato, Tomato, Pumpkin, Ridge Gourd, Banana, Mango, Buffalo, cow	do	do
10	Campier ganj	Bharohiy a	Chauk mafi, Badhya Chauk, Bhuidh arpur, Ranadih , Pachga wan, Kartaha ri, Fardaha ni	Rice, Wheat, Arhar, Mustard, Gram, Potato, Tomato, Pumpkin, Ridge Gourd, Banana, Mango, Buffalo, cow		

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2.8 Priority/thrust areas

Crop/Enterprise	Thrust area				
Crop Production	Production Technology for kharif, rabi and zaid crop. Improved				
	Production Technology through mechanization				
RCT	Promotion of resource conservation technology				
Entrepreneurship	Entrepreneurship development in rural youth				
Drudgery reduction	Drudgery reduction technology and Drudgery reducing farm				
	implements among farm women				
Horticultural crops	Promotion of high value horticultural crop, Quality seed/planting				
noncentural crops	material production				
Live stock	Raising productivity of livestock, upgrading genetic potential				
Live stock	through artificial insemination, use of mineral mixture, disease and				
	parasitic control, proper feeding and management				
Organic inputs production	NADEP and Vermi-composting				
IPM	Promotion of Integrated Pest Management strategies for safe food				
	production and environment protection				
INM	Promotion of site specific nutrient management through INM for				
	sustainable soil health				

Kitchen Gardening	Nutritional security through kitchen gardening
Cucurbitaceous	Introduction of HYV, integrated disease/pest management, integrated
(bottle gourd, pumpkin, sponge gourd, bitter gourd etc.), groundnut, potato	nutrient management
Rice, Wheat, Pulses	Introduction of HYV, Integrated Nutrient Management, Integrated Disease
(Pigeon pea, chick pea, lentil, field pea,	Management, Resource Conservation Technology, Integrated Weed
urd and moong)	Management, Seed production technology
Cole crop(cauliflower, cabbage),	Introduction of HYV, integrated pest and disease management, integrated
Tomato, Okra, Chilli	nutrient management

<u>3. TECHNICAL ACHIEVEMENTS</u>

3.A. Details of target and achievements of mandatory activities by KVK during Jan 2023 to December 2023

	OFT <mark>(Technol</mark>	ogy Assessme	ent)	FLD (Oi	FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)				
		1		_		2			
Num	ber of OFTs	er of OFTs Total no. of Trials Area in ha			Numb	er of Farmers			
Targets	Achievement	Targets	Achievement	Targets	Targets Achievement		Achievement		
9	9	50	50	143.9	143.9	546	546		

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)						Extension Activities				
3 Number of Courses Number of Participants					4 Number of Number activities particip					
Clientele	Targets	Achievement	Targets	Achievemen t	Targets	Achieve ment	Targets	Achieve ment		
Farmers	48	48	950	1092	422	488	15000	34920		
Rural youth	6	6	90	103						
Extn. Functionaries	4	4	60	67						

Seed Production (Qtl.)			Planting material (Nos.)				
5				6			
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers		
200	204		20000	28211	48		

I.A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various CrOPS by KVKs

Thematic areas	Сгор	Name of the technology assessed	No. of trials	No. of farmer s
Integrated Nutrient Management	Tomato	Assesment of yield enhancement by the application of zinc and boran in tomato	5	5

]	16
Varietal Evaluation	Wheat	Assessment of newly released wheat variety HD 3249	5	5
		Assessment of newly released Paddy variety (Pusa sambha-1850)	5	5
		Assessment of yield performance of Hybrid Brinjal	5	5
	Okra	Assessment of yield performance of YVMV resistant Okra variety	5	5
Integrated Pest Management				
Integrated Crop Management				
Integrated Disease Management				
Small Scale Income Generation Enterprises				
Weed Management				
Resource Conservation Technology				
Farm Machineries				
Integrated Farming System				
Seed / Plant production				
Post Harvest Technology / Value addition	Poshak Laddu	Assessment of Poshak-Ladoo to improve health of school going children	10	10
Drudgery Reduction				
Storage Technique				
Others (Pl. specify)				
Total			35	35

Summary of technologies assessed under **livestock** by KVKs

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Disease Management	Cow	Repeat breeding in cross breed cows' cow due to micro nutrient deficiency and infestation of endo parasites	10	10
Evaluation of Breeds		^		
Feed and Fodder management				
Nutrition Management	Poultry	Assessment of the effect of supplimentation of Moringa oleifera leaf powder on growth	5	5

	perforanceof poultry (Adult)		
Production and Management			
Others (Pl. specify)			
Total		15	15

Summary of technologies assessed under various enterprises by KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers

Note: Suppose **IPM in paddy** is the technology assessed by 50 KVKs in the Zone with 5 trials by each KVK, then IPM in paddy needs to be considered as a single technology, with 50*5 = 250 trials and No. of KVKs will be 50. In addition, please note that even if IPM in paddy is done with various combinations of Technology Options (treatments), it may be considered as a single technology only.

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I.B. TECHNOLOGY ASSESSMENT IN DETAIL

(From each state please include the full details of three OFTs on technology assessment and or refinement under the broad thematic areas such as Integrated Crop Management, weed management, pest and disease management, nutrient management, resource conservation, livestock enterprises, Integrated Nutrient Management)

(The model for preparing the same is furnished below)

INTEGRATED CROP MANAGEMENT

Problem definition: Assessment of yield performance of hybrid Brinjal

Technology Assessed (as the case may be) : Assessment of hybrid Brinjal

Table: Assessment of yield performance of hybrid Brinjal

Technology Option	No.of trials	Yield (qt/ha)	Net Return (Rs./ha)	Increase in yield (%)	B:C Ratio
T1 Farmers PracticeT2 High yieldinghybrid variety KashiSandesh	5		Crop under cultiva	tion	

INTEGRATED CROP MANAGEMENT

Problem definition: Assessment of yield performance of YVMV resistant Okra variety.

Technology Assessed (as the case may be) : Assessment of YVMV resistant Okra variety.

KVK, Gorakhpur conducted on-farm trial to assess effect of YVMV resistant Okra variety on net return. The *YVMV resistant* Okra variety Kashi Pragati had realized a net return of Rs. 92920/ha as compared to the recommended practice with net returns of Rs.61840 /ha (36.31% increase in net return per ha).

Table: Assessment of yield performance of YVMV resistant Okra variety.

Technology Option	No.of trials	Yield (qt/ha)	Net Return (Rs./ha)	Increase in yield (%)	B:C Ratio
T ₁ Farmers Practice	5	78.2	61840		2.93
T ₂ High yielding variety Kashi Pragati	5	106.6	92920	36.31%	3.65

Varietal Evaluation

Problem definition: Low Productivity of Timely Sown Wheat

Technology Assessed: Assessment of high yielding wheat variety HD 3249 under timely sown irrigated condition. **Table:** -Performance of high yielding wheat varieties HD 3249 under Timely Sown Irrigated Condition

Technology Option	No. of Trial s	Grain Yield q/ha	% Increase se in Yield	Gross Cost Rs/ha	Gross Returns Rs/ha	Net Returns Rs/ha	B:C Ratio
Wheat Variety HD-2967 (Farmers Practice) DBW HD 3249	05			Crop unde	r cultivation		

Varietal Evaluation

OFT Problem definition: Low yield of Paddy due to use of old and high infestation of blast.

Technology Assessed or Refined (as the case may be): Assessment of HYV Paddy variety Pusa Sambha 1850.

Paddy (Oryza sativa) is one of the most common cereals crops grown in Kharif season under irrigated condition. The yield of paddy is being lowered down due to use of old and mixed variety and high infestation of blast disease. MGKVK Gorakhpur designed an On Farm Trial in paddy crop with high yielding and blast disease resistant variety (Pusa Sambha 1850) for yield maximization. The demonstrated technology yielded 53.50 q/ha yield which was 25% higher over farmer's practice (42.80 q/ha). Farmers accepted and appreciated the demonstrated variety.

Table: Assessment of HYV variety Pusa Sambha 1850.

Technology Option	No. of trials	Yield (qt./ha)	Increase in yield (%)	Net Return (Rs. /ha)	B:C Ratio
Farmers Practice (old variety)		42.80	-	51653	2.37
Assessment of HYV Paddy variety Pusa Sambha 1850. (Recommended Practice)	5	53.50	25	75323	2.97

INTEGRATED NUTRIENT MANAGEMENT

Problem Definition: Low yield of tomato due to no use of micronutrient fertilizer **Technology Assessed:** Assessment of micronutrient boron and zinc on tomato for quality produce and yield maximization.

Table: Effect of fertigation on yield and income of tomato-

Technology Option	No.of trials	Yield (t/ha)	Net Returns (Rs./ha)	BC Ratio
T1-Farmers practice (imbalanced fertilizer and no use of bio- fertilizer)	05	- Crop under cultivation		
T2-120:80:50::N:P:K kg/ha (Farmers share) + 25 Kg/ha ZnSo4 + 10 Kg/ha Borax				

LIVE STOCK ENTERPRISES

Problem definition: Repeat breeding cross breed cow due to micronutrient deficiency and infestation of indo parasites

Technology Assessed (as the case may be): Feeding mineral mixture herbal drug and dewarming at proper time to regulate normal fertility.

MGKVK conducted trial to find out suitable control measure for repeat breeding in cross bred cows as the recommended practice could not stop recurrence of repeat breeding to the desired level. The technology recommended was fine tuned by including dry cow for the control of repeat breeding.

Table Effect of mineral mixture fertisule bolus and dewarming with albendazole for the control of repeat breeding

Technology option	No of Trial	Occurrence of heat after parturition (days)	Conception after treatment (days)	Average milk yield (lt.r / day)	Gross Cost /ltr	Gross Return	Net Return per day per animal	BC Ratio
Use of choker and cakes (Farmers Practice)	5	170	-	6	23	226	102	1.84
Feeding with mineral mixture fertisule bolus and dewarming with albendazole	5	115	55	9.5	26	393	133	2.85

LIVE STOCK ENTERPRISES

Problem definition: Repeat breeding cross breed cow due to micronutrient deficiency and infestation of indo parasites

Technology Assessed (as the case may be): Feeding mineral mixture herbal drug and dewarming at proper time to regulate normal fertility.

Table Effect of mineral mixture fertisule bolus and dewarming with albendazole for the control of repeat breeding

Technology option	No of Trial	Occurrence of heat after parturition (days)	Conception after treatment (days)	Average milk yield (lt.r / day)	Gross Cost /ltr	Gross Return	Net Return per day per animal	BC Ratio
Use of choker and cakes (Farmers Practice)	5			On g	oing			
Feeding with mineral mixture fertisule bolus and dewarming with albendazole	5							

LIVE STOCK ENTERPRISES

Problem definition: Assessment of the effect of supplimentation of Moringa oleifera leaf powder on growth perforance of poultry (Adult)

Technology Assessed (as the case may be. Less body growth due to unavailability of balance feed

Table effect of supplimentation of Moringa oleifera leaf powder on growth perforance of poultry (Adult)

Technology option	No of Trial	Body weight gain	No.of Egg Production	Net Return per day per animal	BC Ratio				
Use of choker and cakes (Farmers Practice)	5								
Feeding with mineral mixture fertisule bolus and dewarming with albendazole	5	On going							

Enhance Nutritional status/ Value addition

Problem definition- Assessment of Poshak-Ladoo to improve health of school going children. Technology Assessed- Use of Poshak Laddu

Chukandar Barfi is used as supplement diet for school going children to recover their health status specially iron deficiency. Random sampling method is used to choose further their hemoglobin and weight were tested. 5 school going children who have low Hemoglobin level and low weight were selected in experimental group. Two poshak laddu were given daily to each girl of the experimental group for three month. After 3 months, selected 10 school going children hemoglobin, and weight were tested. Reports of test shows that school going children who eat assessed technology have better health experience.

TablePerformance of Poshak Laddu as supplement diet .

Technology Option	No.of trials	Increase in hemoglobin	Increase in weight	
Prevailing Practice				
(Farmers Practice)	10	On going		
Intake of Poshak Laddu	10		m going	
(Recommended Practice)				

II. FRONTLINE DEMONSTRATION

a. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated during previous year and popularized during 2023-24 and recommended for large scale adoption in the district

S. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology			
					No. of	No. of	Area	
1.	Mustard (CFLD)	ICM	Seed (RG-749) + imidacloroprid 17.5 + sulphur 80 % WDG@2gm/lt of water	Demonstration, Trainings, Field Day, Literature Distributed , Advisory Services	villages 20	farmers 650	in ha 80	
2.	Paddy	Varietal Evaluation	Seed Sambha Sab 1	Demonstration, Trainings, Field Day, Advisory Services, News Paper Coverage	50	1200	150	
3.	Wheat Timely sown	ICM	Seed DBW 187	Demonstration, Trainings, Field Day, Advisory Services	80	5000	450	
4.	Sorghum	VE	Seed UPMC 503	Demonstration, Trainings, Advisory Services	55	1200	40	
5.	Berseem	VE	Seed (BL42)	Demonstration, Trainings, Advisory Services	25	800	15	
6.	Bitter gourd	INM	HYV VRBTG-10 with machan system	Demonstration, Trainings, Advisory Services	25	800	30	

* Thematic areas as given in Table 3.1 (A1 and A2)

b. Details of FLDs implemented during Jan 2023 to December 2023

(Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

SI. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
	Mustard (CFLD)	ICM	Seed (RG-749) + imidacloroprid 17.5 + sulphur 80 % WDG@2gm/lt of water	Rabi 2023- 24	20	20		50	50	
	Mustard (CFLD)	ICM	Seed (RG-749) + imidacloroprid 17.5 + sulphur 80 % WDG@2gm/lt of water	Rabi 2022- 23	40	40		100	100	
	Mustard	INM	Seed (RG-749) + sulphur 80 % WDG@2gm/lt of water	Rabi 2022- 23	2	2		10	10	
	Pigeon pea (C-FLD)	ICM	Seed-6kg/acre+seedtreatmentTrichodermagram/kg+Imazathyper10% SL@ 1lt/ha+EmamectinBenzoate	Kharif 2023	20	20		69	69	

								-
		5% SG @220g/ha for pod boarer management						
Chickpea	ICM	Seed + imamactin benzoate 5% SG	Rabi 2022- 23	20	20	50	50	
Paddy	Varietal Evaluation	Seed Sambha Sab 1	Kharif 2023	10	10	25	25	
Wheat	Varietal	DBW187	Rabi 2023- 24	10	10	25	25	
Wheat	INM	HD 2967+120:60:40::N:P:K + Zinc @3 gm zinc sulphate monohydrate 33% and 10 gm urea per litre water	Rabi 2023- 24	1	1	10	10	
Marigold	VE	Pusa Narangi	Rabi 2023	0.25	0.25	10	10	
Onion	VE	ALR	Rabi 22	0.5	0.5	10	10	
Chilli	ICM	Kashi anmol	kHARIF 23	0.5	0.5	10	10	
Bitterguard	INM	Pragati065	RABI 23	1	1	10	10	
Sorghum	VE	UPMC 503	Zaid23	4	4	30	30	
Barseem	VE	BL 42	Rabi 23	4	4	26	26	

Details of farming situation

Сгор	Season	Farming situation (RF/Irrigated)	Soil type	Status o soil		of	Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
	(RF/ S	Ň	Ν	Р	к	Prev	Sow	Har	Se rain	No.	
Mustar d (CFLD)	Rab i 202 3	irrigat ed	Sandy Ioam	L	L	М	Padd y	25 Oct – 23 Nov 23	12- 28 Marc h 23		
Pigeon pea	Kha rif 202 3	RF	Sandy Ioam	L	L	М	Whe at	25 June – 15 July 2013	8-17 April 2024		
Paddy	Kha rif 202 3	Irriga tor	Sandy Ioam	L	L	М	Whe at	2-15 July 2023	15- 25 Nov 2023		
Wheat Timely sown	Rab i 202 3	irrigat ed	Sandy Ioam	L	L	М	Padd y	20- 30 Nov 2023	8-15 April 2024		
Bitter gourd	Kha rif 202 3	irrigat ed	Sandy Ioam	L	L	М	Whe at	25 June -10 July 2023	25- 30 Nov 2023		
Sorghu m	Kha rif 23	irrigat ed	Sandy Ioam	L	L	М	Whe at	25 apri - June 2023	20- 26 Oct 2023		

Bersee m	Rab i 23	irrigat ed	Sandy Ioam	L	L	М	Padd y	20 oct - Nov 2023	10- 20 April 2023		
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24

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back
Mustard	
1.	Farmers were happy with HYV RH 749
2.	RH 749 may be sown with in 15 th October that reduces the aphid infestation and resultantly increase the production
3.	Farmers appreciated the demonstration
Pigeon P	
1.	NA-2 seed is not available in market but this variety is better than others
2.	No of pods are higher in comparison to other varieties
3.	Yield received less due to attack of blue bulls at different growth stages of crop
Chickpea	
1	Variety RVG 202 appreciated by farmers because seed size is slightly bold
2	Farmers accepted fertilizer dose as recommended by scientists
3	Attack of Neelgai during the maturity of crops is a constraint for chick pea production
Paddy	
1.	Farmers are not aware about improved production technology of paddy
2.	Recommended dose of fertilizer along with Zinc Sulphate is appreciated by the farmers
3.	Imbalanced use of fertilizer is a major constraint for production of paddy
Berseem	
1	Farmers were happy to grow this variety, they received higher quantity of forage
2	Farmers' appreciated the demonstration due to more cutting of this variety (5-6 cuts)
Bitter guard	Farmers appreciated Bitter guard var. VRBTG-10 due to their fruit size; less prone to insect/pest.,
•	Yield received less due to attack of blue bulls at different growth stages of crop
Sorghum	
	Farmers were happy to grow this variety, they received higher quantity of forage
	Farmers' appreciated the demonstration due to more cutting
Cauliflow	er
1.	HYV var. kashi gobhi – 25 courd weight 800- 1000 gm white in color compact less prone to diseases and suitable for intercropping with banana crop.
	construction of the second of

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
Mustard	
1	It is suitable for timely sowing, 2.5-3.5 kg/ha seed is sufficient
2	It is suitable for irrigated conditions
3	It is of long maturity (140-150 days)
Pigeon pe	a
1	Variety NA-2 has been found better than non-identified local variety
2	Variety NA-2 with fertilizer response appreciated by the farmers
Chickpea	
1	Chick Pea Variety RVG 202 is resistant to wilt, Ascochyta blight, stunt and root rot, medium height and
	semi erect plant
2	Use of carbendazim as a seed treatment resulted to control collar rot/wilt
3	Application of balanced dose of fertilizer found effective in higher production
4	There is a need to develop a method to know the effectiveness and activeness of microbes in bio-agents
	at local level
5	No use of balanced dose of fertilizer is a major constraint for production of chick pea
6	Lack of awareness about IPM strategies
Paddy	

	25
1	Use of balanced dose of fertilizer (120:60:40kg/ha N:P:K::+ZnSO ₄ 25kg/ha) found an important role in
	higher sustainable production
2	Application of ZnSO ₄ is useful to control of Khaira disease and also it enhances the photosynthetic rate
	of plant resultantly enhance the production of paddy
Berseem	
1	Variety BL 42 is highly productive and multi-cut variety
2	Dark green leaves and tolerant to acidic condition
3	This variety flowers in 150-160 days and matures in 180-190 days.
Bitterguard	Bitter guard var. VRBTG-10 is HYV, Length of Fruit av25-30cm, av. Yield 350Q/ha
Sorghum	
	Variety UPMC 503 is highly productive and multi-cut variety
	Dark green leaves and tolerant to acidic condition
Cauliflower	•
1.	HYV var. kashi gobhi – 25 courd weight 800- 1000 gm white in color compact

Extension and Training activities under FLD

SI.No.	Activity	Activity No. of activities organised Date		Number of participants	Remarks
1	Field days				
2	Farmers Training				
3	Media coverage				
4	Training for extension				
	functionaries				

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

	a			s		Parameters name (No. of branches, No.		ult of m	_	ameter			Yield	-	ı)	eld	Economics of	of demonst	tration (R	s./ha)	I	Economics (Rs./		
Сгор	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	of tillers, No. of pods or grains per plant, duration (days), No. of plants/sq mt.)	High	Demo plo	Average	Check plot	% Advantage	High	Demo MoT	Average	Check	% Increase in yield	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Groundnut											1				1									-
											-													
Sesamum																								
Mustard											-													
Rabi 2023-24	ICM	Seed (RH-749) + sulphur 80 % WDG@2 gm/lt of water	RH 749	50	20											Crop	under cultiv	ation						
Rabi 2022-23	ICM	Seed (RH-749) + sulphur 80 % WDG@2 gm/lt of water	RH 749	100	40		20. 5	16. 2	18. 2	13.6	33 .2	20 .5	16 .2	18 .2		33 .2	23800	9191 0	6811 0	3.86	2280 0	6868 0	4588 0	3.0 1
Rabi 2022-23	INM	Vater Seed (RH-749) + sulphur 80 % WDG@2 gm/lt of water	RH 749	10	2		17. 4	14. 2	15. 79	12.41	27 .3 3	17 .4	14 .2	15 .7 9	12 .4 1	27 .2 3	22500	7973 9	5723 9	3.54	2180 0	6267 0	4087 0	2.8 5
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* Economics to be worked out based total cost of production per unit area and not on critical inputs alone. ** BCR= GROSS RETURN/GROSS COST

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back	
1		
2		

Frontline demonstration on pulse crops

	g	q		S		Parameters name (No. of branches, No. of tillers, No. of pods		ult of ma	-	ameter	e			(q/ha))	yield	Economics o	f demonst	ration (R	s./ha)	E	conomics (Rs./	of check ha)	
Сгор	Thematic Are	technology demonstrated	Variety	No. of Farmers	Area (ha)	or timers, No. of pous or grains per plant, duration (days), No. of plants/sq mt.)	High	Demo plo Mo T	Average	Check plot	% Advantage	High	Demo Mo T	Average	Check	% Increase in y	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Pigeonpea	-				-						1													-
Kharif 2023	ICM	HYV+ ICM	NA-2	69	20					·			C	Crop	unde	r cult	ivation			i	<u> </u>		L	.4

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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	

28

FLD on Other crops

	_					Parameters name (No. of branches, No.			ain para	ameter]			(q/ha)	eld	Economics of	of demonst	tration (R	s./ha)	I	Economics (Rs.)		
	c Ares	logy trated	ety	urmen	a 	of tillers, No. of pods or grains per plant,		Demo pl			ntage		Demo) 		in yi			F				F	
Сгор	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	duration (days), No. of plants/sq mt.)	High	Low	Average	Check plot	% Advantage	High	Low	Average	Check	% Increase in yield	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cereals					-						1													
Paddy					-																			
Kharif 2023	Varieta 1	High Yieldin g Variety	Samb ha Sub 1	25	10		53.8	47.2	51.6	44.5	15. 95	53. 8	47. 2	51. 6	44. 5	15. 95	38800	112642 .8	73842. 8	2.90	37100	97143. 5	60043. 5	2.62
Waterlogg ed Situation																								
Coarse Rice																								
Scented Rice					-																			
Wheat																								
Rabi 2023-24 ongoing	ICM	HYV (DBW 187) with 120:60:4 0::N:P: K	DBW 187	25	10			<u>I</u>	<u> </u>		1	<u></u>	<u>I</u>		.	Croj	l p under cultiva	ı ition	1	<u></u>	<u>.</u>	<u>.</u>	L	<u>.</u>

																							30
Rabi 2022-23	ICM	HYV (DBW 187) with 120:60:4 0::N:P: K	DBW 187	50	10	48.2	42.5	45.8	38.6	18. 65	48. 2	42. 5	45. 8	38. 6	18. 65	27500	92287	64787	3.35	26900	57629	30729	2.14
Rabi 2023-24 ongoing	INM	Wheat Var. HD 2967+1 20:60:4 0::N:P: K + Zinc @3 gm zinc sulphate monohy drate 33% and 10 gm urea per litre water + Azotoba cter @ 500 mL/acre with Farm yard manure	HD 2967	10	1										Crop	o under cultiva	tion						
Wheat Timely sown																							
Wheat Late Sown																							
Mandua																							

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Barley							 	 					 	
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Rabi 2023	ICM	PGR	KAS HI ANM OL	10	0.5									Crop	o under cultiva	tion						
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Okra	-				_																			
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Colocasia (Arvi)	1										I				Ī									
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Broccoli																								
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Cucumber	-				-																			
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Onion														<u> </u>		<u> </u>								
Rabi	Varieta	HYV	ALR	10	0.5		180	160	173	124.5		18					80000	138400	58400	1.73	75000	99600	24600	1.32
2022	1											0	0	3	4.5	03								
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Lettuce													.	ļ	<u>.</u>					ļ				
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Cabbage					-											1					1			
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Cauliflowe	Τ					I	I		[
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Elephant fruit	-				-	<u></u>																	
fruit	1				-]]					 			1	<u> </u>						1		
	_										 												
Flower	_				_						 												
crops Marigold					_									ļ									
Rabi	Varieta	HYV	Pusa	10	0.25	<u> </u>	140	120	129	98.5	 14	12	12	98.	23	95000	258000	163000	2 71	85000	197000	112000	2 31
2022	1		Naran gi	10	0.20		110	120	123	50.5	0	0		50.	64	55000	200000	100000	L ., L		137000	112000	
Rabi	Varieta 1	HYV	Pusa Naran	10	0.25				1	I	J	I		J	Crot	o under cultiva	tion	<u> </u>	I	<u> </u>	1		·
2023			gi						<u> </u>	1	1	I	1	I				1			1		
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Bela	<u> </u>				-						 		<u> </u>										
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Tuberose					-																		
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Gladiolus					_						 		<u> </u>										
Claulolus	<u> </u>				_				<u> </u> 		 			 									
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Fruit					_																		
crops Mango	-				_						 												
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Guava	+					<u> </u>					 		. 										<u> </u>
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Banana															
Papaya								 				 		 	
Muskmelo	<u> </u> 				<u> </u>			 						 	
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Watermelo		 		-		 	 	 		 		 	 	 	
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Spices & condiment								 		 				 	
condiment s															
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Commerci al Crops Sugarcan															
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Sugarcan e															
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Potato	+			-										 	
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Medicinal &															
aromatic															
plants															

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Mentholm ent																						1	i
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Kalmegh																							
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Ashwagan	-		_												 								
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E . d d . v																							
Fodder Crops																							
Sorahum					-																		
(F)	Varieta		UPM	30	4	Green fodder yield	780	730	755	590					 27.	32000	113250	74250	2.9	39000	00500	49500	2.26
Zaid	1	111 V	C 503	50	4	Green louder yield	780	750	755	590					27. 96	52000	115250	74250	2.9	59000	88300	49500	2.20
2023	1		000												 50								
Cownea						+	-							 					<u> </u>			<u> </u>	
Cowpea (F)																							
]]											l	
Maize (F)																							
Lucern																							
																							l
Berseem																							
Rabi	Varieta						870	690	790	630	25. 39												
2022	1	HYV	BL42	31	4	Green fodder yield	870	090	790	050	39					36500	79000	42500	2.16	36500	63000	26500	1.72
Rabi	Varieta														 C	l le'	·				/		
2023	1	HYV	BL42	26	2	Green fodder yield									Crop	p under cultiva	non						
Oat (F)	1																					[
	-							1											1			[
		1				1	1	1											1			[[
	<u> </u>				-!				•			J	L						4		4	·/	·

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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	

FLD on Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of Units (Animal/ Poultry/	Major pa	rameters	% change in major	Yield (Ko or N eggs	o. of	Econom	ics of dem	nonstratic	on (Rs.)	(Rs.)			
				Birds, etc)	Demo	Check	parameter	Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cattle													()				/
Buffalo																	
	_																
Buffalo Calf																	
Dairy																	
Poultry																	
Sheep & Goat																	
Vaccination																	

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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	

FLD on Fisheries

Category	Thematic	Name of the technology	No. of	No.of	Major pa	arameters	% change in major	Other pa	rameter	Econo	mics of der	nonstratio	on (Rs.)	I		s of check s.)	
Category	area	demonstrated	Farmer	units	Demons ration	Check	parameter	Demons ration	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Common Carps																	
Composite fish culture																	
Feed Manageme nt																	

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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		
3		
4		

S. No	Feed Back
1	
2	
3	
4	

FLD on Other enterprises

Category	Name of the technology	No. of Farmer	No.of units	Major par	ameters	% change in major	Other p	arameter	Econom	nics of dem Rs./	onstratior /unit	n (Rs.) or		Economics of check (Rs.) or Rs./unit					
	demonstrated			Demo	Check	parameter	Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)			
Oyster Mushroom																			
Button Mushroom																			
Apiculture																			
Maize Sheller	 																		
														<u> </u>		<u> </u>			
Value Addition																			
					_				_										
Vermi Compost														<u> </u>					
																l			

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

S. No	Feed Back
1	
2	

FLD on Women Empowerment

Category	Name of technology	No. of demonstrations	Name of observations	Demonstration	Check

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	

FLD on Farm Implements and Machinery

Name of the implement	Сгор	Technology demonstrated	No. of Farmer	Area (ha)	Major parameters	Filed obs (output/m		% change in major	Labo	r reductior	n (man day	s)		Cost red /ha or Rs)
						Demo	Check	parameter	Land preparation	Sowing	Weedin g	Total	Land preparati on	Labour	Irrigati on	Total

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

S. No	Feed Back
1	
2	

FLD on Other Enterprise: Kitchen Gardening

Category and Crop	Thematic area	Name of the technology	No. of Farmer	No. of Units	Yield	(Kg)	% change	Other p	arameters	Eco	nomics of ((Rs.)		tion	I	Economics (Rs./		
		demonstrated			Demons ration	Check	in yield	Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Seasonal vegetable and fruit	Nutritional Garden	Low nutritional status	20	20	250	216	15.74			1200	3750	2550	3.125	1200	3240	2040	2.7
Seasonal vegetable and fruit	Nutritional Garden	Low nutritional status	20	20	240	205	17.07			1400	3600	2200	2.57	1400	3075	1675	2.19
Seasonal vegetable and fruit	Nutritional Garden	Low nutritional status	20	20						Crop und	er cultivati	ion					

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	

FLD on Demonstration details on crop hybrids (Details of Hybrid FLDs implemented during 2023)

	T 1	the state	No. of			Yield (q/ł	na)		0/ 1	Economics of demonstration (Rs./ha)				
Crop	Technology demonstrated	Hybrid Variety	No. of Farmers	Area (ha)			Check	% Increase in yield	Gross	Gross	Net Return	BCR		
				High Low Average	CHECK		Cost	Return	Net Ketum	(R/C)				
Oilseed crop														
Pulse crop			<u> </u>											
	1				l				1					

		 		 		 	τJ
Cereal crop							
Vegetable crop		 					
	<u> </u>	 		 	 <u> </u>	 	
Fruit crop		 				 	
T fuit crop		 		 		 	
Other (specify)							
		 	<u> </u>	 		 	

Note : Remove the Enterprises/crops which have not been shown

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

S. No	Feed Back
1	
2	

III. Natural Farming

1) Crop Harvesting Details

				С	rop Details Und	ler Demonstra	ation					
		Na	tural farmin	g			Fa		Date of	Date of		
Name of KVK	Name of Crop	Variety	Area(ha)	Yield (Q/ha)	Total Cost of Cultivation (Rs./ha)	Name of crop	Variety	Area(ha)	Yield (Q/ha)	Total Cost of Cultivation (Rs./ha)	Sowing	Harvesting
Mahayogi Gorakhnath krishi vigyan kendra	Wheat	DBW 187	0.13	25.5	16470	Wheat	DBW 187	0.13	36.6	29200	12-03-22	17/04/2023
Mahayogi Gorakhnath krishi vigyan kendra	Mustard	RH749	0.13	8.54	13800	Mustard	RH749	0.13	12.41	21800	12-03-22	15/04/2023
Mahayogi Gorakhnath krishi vigyan kendra	Chickpea	RVG202	0.13	9.4	12600	Chickpea	RVG202	0.13	11.89	19100	12-03-22	04-12-23
Mahayogi Gorakhnath krishi vigyan kendra	Paddy	Pusa Narendra Kala namak 2	0.4	36.4	17580	Paddy	Pusa Narendra Kala namak 2	0.4	38.1	31200	23/07/2023	25/11/2023
Mahayogi Gorakhnath krishi vigyan kendra	Wheat (Rabi 2023-24)	DBW 187	0.2		Crop under cultivation							
Mahayogi Gorakhnath krishi vigyan kendra	Cabbage (Rabi 2023-24)	HYV Green Ball	0.2	Crop under cultivation								

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2) Preliminary Soil Data of Natural Farming Field

Nama of	Soil data of		Soil A	nalysis			Micron	utrients			Mic	crobial Analysi	s	
Name of KVK	Demonstrated/KVK Plot	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Organic Carbon (%age)	Ca (Kg/ha)	Mg (Kg/ha)	Zn (Kg/ha)	Others	Bacterial count (Nos.)	Fungi (Nos.)	Actinomycetes (Nos.)	Phosphorus Solubilizer (Nos.)	N Fixers (Nos.)
MGKVK, Gorakhpur	Demonstrated Plot 1	207.6	24.6	144.4	0.49			2.03	р Н- 7.04, EC-0.05					
	Demonstrated Plot 1	213.2	27.2	134.1	0.33			1.85	р Н- 7.22, ЕС- 0.04					
	KVK Plot	196.5	11.5	144.4	0.37			0.74	p H- 7.04, EC- 0.12					

3) Details of Demonstrations Conducted under Natural Farming Project

S. No.	Name of KVK	Name of village	Name of farmer	Mobile no. of farmer	Area under demonstration on Natural Farming (ha)
1	MGKVK, Gorakhpur	Chaukmaafi	Harishchandra Dubey	7317844278	0.14
2	MGKVK, Gorakhpur	Chaukmaafi	Chedi Prajapati	9598383297	0.14
3	MGKVK, Gorakhpur	Baurdih	Girija Yadav	8756532564	0.14
4	MGKVK, Gorakhpur	Baurdih	Gangajal Singh	9956318842	0.14
5	MGKVK, Gorakhpur	Loharpurwa	Ravindra Kumar Nishad	9793724401	0.14
6	MGKVK, Gorakhpur	Chaukmaafi	Gauri Pathak	8090797357	0.14
7	MGKVK, Gorakhpur	Tighra	Anil singh	7974183924	0.2
8	MGKVK, Gorakhpur	Baijnathpur	Baburam	7275239979	0.14
9	MGKVK, Gorakhpur	Tikariya	Babulal Verma	9935822519	0.14
10	MGKVK, Gorakhpur	Rasoolpur chakiya	Triyuginath Singh	9026971454	0.3
11	MGKVK, Gorakhpur	Rasoolpur chakiya	Nitesh singh	9026971454	0.3

					46
12	MGKVK, Gorakhpur	Jangle Ayodhya Prasad	Mohan	9936953971	0.2
13	MGKVK, Gorakhpur	Kethwaliya	Mahesh	8953193619	0.2
14	MGKVK, Gorakhpur	Rakhukhor	Ramniwas Maurya	8127212602	0.3
15	MGKVK, Gorakhpur	Ranadih	Satydev Nishad	7897759770	0.2
16	MGKVK, Gorakhpur	Pali	Vishvnath Yadav	6386329567	0.2

4) Information of Farmers already Practicing Natural Farming

Sl. No.	Name of the District	Name of the Farmers	No. of desi (indigenous) cows	Land holding (ha)	Crops Grown	No. of Years in Natural Farming	Area Covered under Natural Farming	Crops Grown under Natural Farming	Any significant achievements under natural farming
1	Gorakhpur	Harishchand dubey	1	1	Wheat, Mustard, Paddy	2	0.25 ha	Paddy, Mustard	
2	Gorakhpur	Triyuginath singh	0	1.5	Banana, Cucumber, Mustard, Wheat, Paddy, Marigold	2	0.5	Banana, Mustard, Marigold	
3	Gorakhpur	Girija Yadav	2	0.75	Wheat, Mustard, Paddy	2	0.5	Paddy, Mustard	

5) Natural Farming Nodal officer & Associate Name

S.No.	Name of KVK	Name of Head/SMS	Discipline/Subject	Mobile No.
1	MGKVK, Gorakhpur	Dr. Rajesh Kumar Singh	Head/ Horticulture	9794590474
2	MGKVK, Gorakhpur	Dr. Sandeep Prakash Upadhyay	Soil Science	9690475529

6) Preliminary Soil Data of Natural Farming Field

	Soil data of	Soil Analysis				Mi	cronut	rients	Microbial Analysis					
Name of	Demonstrated/KVK	N	ъ	K	Organic Carbon	Ca	Mg	Zn		Bacterial	Fungi	Actinomycotos	Phosphorus Solubilizer	N Fixers
KVK	Plot	(Kg/ha)	r (Kg/ha)	K (Kg/ha)	Carbon (%age)	(Kg/ha)	(Kg/ha)	(Kg/ha)	Others	count (Nos.)	Fungi (Nos.)	Actinomycetes (Nos.)	(Nos.)	(Nos.)
KVK Plot	196.5	11.5	144.4	0.37			0.74	рH-						

_			l		7.04,			
					EC-			
					0.12			
L.,								

IV. Drone Project

1) Details of Drone Training

<u>S.No</u>	Name of the Institute/KVK	No. of Drone Alloted	No. of Drones Received	No. of Trainees	Name of RPTOs (Pilot)	Designation of Trainee	Mob No. of Trainee	Email Id of Trainee	Training Institute	Training Status Done/Scheduled	Passport No. of the Trainee	Training Schedule	Remarks about Training Schedule

2) Details of Nodal officers under Drone Project

<u>S.No</u>	Name of the Institute	Name of Nodal Officer	Contact No.	Email

3) Expenditure regarding Agri-Drone

S. No.	Name of KVK, ICAR Institute and AU	No. of Drones allotted	No. of Drones Purchased	Funds for purchase of Drones@ Rs.10.0 lakh/drone	<u>Funds for</u> <u>conducting</u> <u>demonstration</u> <u>Rs.@ 0.03</u> <u>lakh/demo Rs. In</u> <u>lakh</u>	Total funds released (Rs. In Lakh)	Funds utilized for purchase of Drones (Rs. In Lakh)	Funds utilized for conducting demonstration (Rs. In Lakh)	Total Fund Utilized (Rs. In Lakh)	Balance (Rs. In Lakh)	Percentage Utilization of Released Budget	Target Area under demonstration (ha)	Area under herbicidal spray (ha)	Area under insecticidal spray (ha)	Area under fertilizer spray (ha)	Area under nano- fertilizer spray (ha)	Total target achieved under demonstration (ha)

V. DAMU Project

Project Details

1. Name of Damu, District, ATARI zone and Year

DAMU Name :

Name of Blocks:

Year of start of AAS at DAMU:

2. Name and address with landline and mobile numbers along with STD code (also provide e-mail address)

of head of ATARI, Project Coordinator, Head of the Krishi Vigyan Kendra (KVK)

Designation	Name	Address	STD code Telephone no. & Fax	Email-id
Head of ATARI				
Head of KVK				
Project Coordinator (PC)				
SMS				
Agromet Observer (AO)				

- 5. Date of start of Agromet Advisory Bulletins:
- 6. Nearest Air, Tv And Railway Station (provide the road distance from DAMU)
- I) Air Station :
- II) TV Station :
- **III)** Railway Station:
- 7. Status of Agro-AWS
 - 7.1 Date of installation of AWS :
 - 7.2 List of instruments presently available in working condition:
 - 7.3 Instruments to be replaced/repaired indicating type of defect:
 - 7.4 Please provide frequency of observation, exposure conditions of the site etc.
 - 7.6 Number of years of data records available:
 - 7.8 Whether the observatory is periodically inspected, maintained and calibrated by IMD (If yes,

please indicate the latest data of inspection by the IMD)

7.9 Details of soil moisture observations taken, if any (please provide frequency and depths of observation etc.)

- 8. Details of Agromet Advisory Services
 - i. How many times the weather forecasts were received during the year:

ii. When do you receive the forecasts from MC/RMC?

- iii. How many AAS bulletins were prepared and disseminated to the farmers in the year?
- iv. How many AAS bulletins were prepared using Agromet-DSS in English and regional languages?
- v. List the modes of mass communication adopted for AAS dissemination:
- vi. Details of broadcast on AIR and TV (name of station broadcast frequency, time slot provided
- etc.) (Audio tape of the recent broadcast):
- vii. Give list of farmers awareness programmes conducted like Krishi / Kishan Melas, training,
- participation in national day parades etc. and photograph of Farmer's Awareness Programme (no of Farmer attended)
- viii. No of SMS sent through Kisan Portal and how many farmers were benefitted during the year
- ix. List of other organizations receiving Agromet advisories:
- 9. Verification results of District and Block level weather forecast
- 10. Economic impact of Agromet advisory services:
- 11. Mobile APP based Agromet advisory services for farmers:
- 12. Feedback from progressive farmers:

VI. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Thematic area	Actual Title of	No. of	Ţ]	Participar	its			
(May be specific to	training conducted			Others	_,		SC/ST			Grand Tot	
any given KVK)		courses	Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production			<u> </u>		_	ļ				ļ	
Weed Management											
Resource	Crop Residue							_		_	
Conservation	Management	1	20	0	20	0	0	0	20	0	20
Technologies	wanagement										
Cropping Systems					0			0	0	0	0
Crop Diversification			<u>]</u>		0	<u> </u>		0	0	0	0
Integrated Farming					0			0	0	0	0
Micro					0			0	0	0	0
Irrigation/irrigation					0			0	U	U	U
Seed production	Seed Production	2	33	0	33	7		7	40	0	40
	Technology	2	33	U	33	'		1	40	U	40
Nursery management		0	0	0	0	0	0	0	0	0	0
Integrated Crop	production		1			Ī				+	
Management	technology of paddy										
C	,production										
	technology of	4	78	2	80	0	1	1	78	3	81
	wheat, production	-	10	2	00	U		1	10	5	01
	technology of										
G 1 0	Barley, mustard										
Soil & water		0	0	0	0	0	0	0	0	0	0
conservatioin					-						
Integrated nutrient					0			0	0	0	0
management Production of organic										+	
inputs					0			0	0	0	0
Others (pl specify)	Integrated Pest and										
Others (pr speerry)		4	3	0	2	15	2	17	10	2	20
	Disease management	1	3	0	3	15	2	17	18	2	20
T -4-1	in Paddy	0	404	0	400	00	~		450	-	4.04
Total		8	134	2	136	22	3	25	156	5	161
II Horticulture		+	-								ļ
a) Vegetable Crops											
Production of low	Use of trellis system										
value and high valume	in cucmber										
crops	production for higher										
	income	1	16	0	16	4	0	4	20	0	20
Off-season vegetables			Τ		0			0	0	0	0
Nursery raising			1		0			0	0	0	0
Exotic vegetables			+		0			0	0	0	0
Export potential					<u>-</u>				Ĭ		Ŭ
vegetables					0			0	0	0	0
Grading and	Use of drip irrigation	1	1			<u> </u>	1				
standardization	for efficient use of										
Standar Gillarion	water in Brinjal crop										
	for higher monetary				00	4			40		40
D	returns	2	38	1	39	4	0	4	42	1	43
Protective cultivation	Scientific farming of										
	capsicum in green										
	house for doubling										
	income	1	22	0	22	2	0	2	24	0	24
Others (pl specify)			<u> </u>		0			0	0	0	0
Total (a)		4	76	1	77	10	0	10	86	1	87
b) Fruits	*		Ī			-					
Training and Pruning		+	†		0	1		0	0	0	0
Layout and			†			1				<u> </u>	, v
			1			1					
Management of											

Cultivation of Fruit	Strawberry	T		<u> </u>	Т	n	F	!"	T	T	52
	cultivation for higher										
	income,Papaya										
	cultivation for higher										
	income and										
	Intercropping of										
	vegetables with										
	Banana crop for doubling income				0			0	0	0	0
Management of young			<u>I</u>			<u> </u>			<u> </u>		U
plants/orchards					0			0	0	0	0
Rejuvenation of old	Ī	Ī	Ī	l"	Ī	Ī		ľ	_	_	_
orchards					0			0	0	0	0
Export potential fruits Micro irrigation					0			0	0	0	0
systems of orchards					0			0	0	0	0
Plant propagation	<u> </u>			<u> </u> .					<u> </u>		•
techniques					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total (b)		0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants											-
Nursery Management					0			0	0	0	0
Management of potted plants					0			0	0	0	0
Export potential of											•
ornamental plants					0			0	0	0	0
Propagation											
techniques of Ornamental Plants					0			0	0	0	0
Others (pl specify)	Marigold cultivation				0			0	U	0	U
oulers (pr speen j)	for doubling income	1	16	0	16	7	0	7	23	0	23
Total (c)		1	16	0	16	7	0	7	23	0	23
d) Plantation crops		Ī				i					
Production and						I			Ī		
Management					~						0
technology Processing and value					0			0	0	0	0
addition					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total (d)		0	0	0	0	0	0	0	0	0	0
e) Tuber crops						I			ľ		
Production and											
Management					0				0	0	0
technology Processing and value					0	i		0	0	0	0
addition					0			0	0	0	0
Others (pl specify)		1			0			0	0	0	0
Total (e)		0	0	0	0	0	0	0	0	0	0
f) Spices											
Production and	Cultivation of spices										
Management technology	in Gorakhpur district										
teennology	for higher monetary				~						0
Processing and value	returns	 		<u> </u>	0			0	0	0	0
addition					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total (f)		0	0	0	0	0	0	0	0	0	Ū
g) Medicinal and		Ī									
Aromatic Plants				<u>.</u>							-
Nursery management		0		<u> </u>	0			0	0	0	0
Production and											
management technology					0			0	0	0	0
Post harvest		t		<u> </u>		<u> </u>					v
technology and value											
addition					0			0	0	0	0

Others (pl specify)					0			0	0	0	0
Total (g)		0	0	0	0	0	0	0	0	0	0
GT (a-g)		5	92	1	93	17	0	17	109	1	110
III Soil Health and Fertility											
Management Soil fertility											
management					0			0	0	0	0
Integrated water				i	Ŭ	i''	_		Ŭ,		Ŭ
management					0			0	0	0	0
Integrated Nutrient	INM in					I					
Management	cucurbitaceous crop for income generation, INM in wheat for higher production & returns, INM in pulses for yield enhancement, INM in vegetable crops and use of biofertilizer, INM in										
	wheat.	3	50	0	50	14	0	14	64	0	64
Production and use of organic inputs					0			0	0	0	0
Management of					_			_	_	_	
Problematic soils					0			0	0	0	0
Micro nutrient deficiency in crops					0			0	0	0	0
Nutrient Use Efficiency					0			0	0	0	0
Balance use of											
fertilizers Soil and Water Testing					0			0	0	0	0
Others (pl specify)	Introduction to Natural farming, Introduction to Natural farming.	1	22	2	24	6	0	6	28	2	30
Total IV Livestock Production and Management		4	72	2	74	20	0	20	92	2	94
Dairy Management					0	i		0	0	0	0
Poultry Management					0			0	0	0	0
Piggery Management					0			0	0	0	0
Rabbit Management					0			0	0	0	0
Animal Nutrition	Preparation of balance							•		ŭ	
Management	ration for milch animal	1	22	0	22	0	0	0	22	0	22
Disease Management	1. Sterility cause and prevention in livestock2. Mastitis its cause and prevention,1.Important diseases of livestock and their control measure2. Importance of vaccination in livestock	2	38	0	38	7	0	7	45	0	45
Feed & fodder	Green fodder		Ī		Ī						
technology	production technology	1	22	0	22	0	0	0	22	0	22
Production of quality					Ī				_		
animal products					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total		4	82	0	82	7	0	7	89	0	89
V Home Science/Women											
omnowormont											
empowerment Household food	Production of					<u> </u>					

											54
gardening and	to enhance health	T	Г		Г		Γ				54
nutrition gardening	status										
Design and	Preparation of low										
development of	cost diet for child	4	0	10	10			0	0	10	10
low/minimum cost diet Designing and	Nutritional upliftment	1	0	16	16			0	0	16	16
development for high	by low cost locally										
nutrient efficiency diet	available less familiar										
	food	1	0	18	18	0	2	2	0	20	20
Minimization of				i				"			
nutrient loss in					~				~		0
processing Processing and	Safe storage of food				0			0	0	0	0
cooking	grain	1	0	18	18	0	2	2	0	20	20
Gender mainstreaming	Capacity building	<u>_</u>		10	10						20
through SHGs	training for SHGs of										
	Women	1	0	22	22	0	6	6	0	28	28
Storage loss		Ī									
minimization					~			~			0
techniques Value addition	Value Addition of				0			0	0	0	0
	food grain	1	0	18	18	0	4	4	0	22	22
Women empowerment		· · · ·		10	0			0	0	0	0
Location specific	··				<u>_</u>				<u> </u>	<u>v</u>	v
drudgery reduction											_
technologies		Į.			0			0	0	0	0
Rural Crafts	NL (Classed				0			0	0	0	0
Women and child care	Nutritional										
	upliftment by low cost locally										
	available less										
	familiar food	1	0	18	18	0	3	3	0	21	21
Others (pl specify)					0			0	0	0	0
Total		7	0	127	127	0	22	22	0	149	149
VI A amil											
VI Agril.											
Engineering											
Engineering Farm Machinary and											
Engineering											
Engineering Farm Machinary and its maintenance Installation and maintenance of micro											
Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems											
Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in											
Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems											
Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements											
Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and											
Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm											
Engineering Farm Machinary and its maintenance 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											
Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm											
Engineering Farm Machinary and its maintenance 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											
Engineering Farm Machinary and its maintenance 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											
Engineering Farm Machinary and its maintenance 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											
Engineering Farm Machinary and its maintenance 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											
Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection											
Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection Integrated Pest											
Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection Integrated Pest Management											
Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection Integrated Pest Management Integrated Disease											
Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection Integrated Pest Management											
Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection Integrated Pest Management Integrated Disease Management Bio-control of pests and diseases											
Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection Integrated Pest Management Integrated Disease Management Bio-control of pests and diseases Production of bio											
Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection Integrated Pest Management Integrated Disease Management Bio-control of pests and diseases Production of bio control agents and bio											
Engineering Farm Machinary and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection Integrated Pest Management Integrated Disease Management Bio-control of pests and diseases Production of bio											

									55
VIII Fisheries		T	I					[55
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								<u> </u>	<u> </u>
prawn									
Shrimp farming									
Edible oyster farming		ļ		 					
Pearl culture		<u> </u>		 		 		<u> </u>	ļ
Fish processing and value addition									
Others (pl specify)		<u> </u>	<u>.</u>					L	<u> </u>
Total		1	İ	 	İ	 			İ
IX Production of				 				*****************	
Inputs at site				 				ļ	
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-		1	T	 				 	
colonies and wax									
sheets									
Small tools and	***************************************			 				6	
implements				 		 			
Production of									
livestock feed and fodder									
Production of Fish				 					
feed									
Mushroom Production				 					
Apiculture				 				 	
Others (pl specify) Total				 					
X Capacity Building				 				L	
and Group Dynamics									
Leadership									
development		ļ		 				<u> </u>	ļ
Group dynamics Formation and		.		 				l T	ļ
Management of SHGs									
Mobilization of social				 		 		<u> </u>	
capital								L	
Entrepreneurial				 					
development of									
farmers/youths WTO and IPR issues				 					
Others (pl specify)		<u>.</u>		 		 		l	
Total									
XI Agro-forestry								[

										56
Production technologies	Ι	Ι								
Nursery management										
Integrated Farming Systems										
Others (pl specify)		<u> </u>								
Total										
GRAND TOTAL	28	380	132	512	66	25	91	446	157	603

Farmers' Training including sponsored training programmes (off campus)

Thematic area	Actual Title of	No. of				I	Participant	S			
(May be specific to	training conducted	courses		Others			SC/ST		(Grand Tot	al
any given KVK)			Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production											
Weed Management	Integrated Weed										
	Management in										
	Paddy	1	21	3	24	3	0	3	24	3	27
Resource	······										
Conservation											
Technologies											
Cropping Systems					0			0	0	0	0
Crop Diversification					0	1		0	0	0	0
Integrated Farming					0			0	0	0	0
Micro					<u> </u>				Ŭ	<u> </u>	Ŭ
Irrigation/irrigation					0			0	0	0	0
Seed production					0	<u> </u>		0	0	0	0
Nursery management					0			0	0	0	0
Integrated Crop	<u> </u>				<u> </u>			0	- U	0	0
Management					0			0	0	0	0
Soil & water					<u> </u>					<u> </u>	
conservatioin					0			0	0	0	0
Integrated nutrient					<u> </u>			Ŭ	l	<u> </u>	Ŭ
management					0			0	0	0	0
Production of organic											
inputs					0			0	0	0	0
Others (pl specify)	Integrated Pest and					1					
······································	Disease management										
	in Paddy	1	30	9	39			0	30	9	39
Total	in r addy	2	51	12	63	3	0	3	54	12	66
II Horticulture			51	12	05	5	U	5	54	12	00
a) Vegetable Crops										 	
Production of low										l 	
value and high valume											
crops					0			0	0	0	0
Off-season vegetables					0	<u> </u>		0	0	0	0
Nursery raising								0			
					0				0	0	0
Exotic vegetables					0			0	0	0	0
Export potential					0			0	0	0	0
vegetables				l	0			0	0	0	0
Grading and					0			0	0	0	0
standardization Protective cultivation					0			0		*	0
					0				0	0	0
Others (pl specify)					0			0	0	0	0
Total (a)		0	0	0	0	0	0	0	0	0	0
b) Fruits											
Training and Pruning					0			0	0	0	0
Layout and											
Management of											
Orchards					0			0	0	0	0
Cultivation of Fruit	Strawberry										
	cultivation for higher										
	income,Papaya										
	cultivation for higher										
	income and										
	Intercropping of										
	vegetables with										
	Banana crop for	3	40	19	59	12	9	21	52	28	80
		3	40	19	09	12	9	21	<u> </u>	20	00

											57
	doubling income	I		Γ							51
Management of young											
plants/orchards					0			0	0	0	0
Rejuvenation of old											
orchards					0			0	0	0	0
Export potential fruits					0			0	0	0	0
Micro irrigation					0				0	0	0
systems of orchards					0			0	0	0	0
Plant propagation techniques					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total (b)		3	40	19	59	12	9	21	52	28	80
c) Ornamental Plants			40	19	59	12	9	21	52	20	80
Nursery Management					0			0	0	0	0
Management of potted					0			0	U	0	0
plants					0			0	0	0	0
Export potential of									v	<u> </u>	v
ornamental plants					0			0	0	0	0
Propagation											
techniques of											
Ornamental Plants	<u> </u>				0			0	0	0	0
Others (pl specify)	Marigold cultivation										
	for doubling income	1	4	3	7	9	4	13	13	7	20
Total (c)		1	4	3	7	9	4	13	13	7	20
d) Plantation crops											
Production and											
Management					_						
technology					0			0	0	0	0
Processing and value					~				~	0	0
addition					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total (d)		0	0	0	0	0	0	0	0	0	0
e) Tuber crops											
Production and Management											
technology					0			0	0	0	0
Processing and value					Ŭ.				Ŭ	<u> </u>	Ŭ
addition					0			0	0	0	0
Others (pl specify)			İ'		0			0	0	0	0
Total (e)		0	0	0	0	0	0	0	0	0	0
f) Spices						_					
Production and	Cultivation of spices										
Management	in Gorakhpur district										
technology	for higher monetary										
	returns	1	6	2	8	8	4	12	14	6	20
Processing and value				_	-	-			-		
addition					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total (f)		1	6	2	8	8	4	12	14	6	20
g) Medicinal and											
Aromatic Plants											
Nursery management		0			0			0	0	0	0
Production and			ľ	Ī							
management										0	~
technology Bost harvost					0			0	0	0	0
Post harvest technology and value											
addition					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total (g)		0	0	0	0	0	0	0	0	0	0
GT (a-g)		5	50	24	74	29	17	46	79	41	120
III Soil Health and	<u> </u>	<u> </u>		24	,4	LJ	11	70	13	-+ 1	120
Fertility											
Management											
Soil fertility											
					0		1	0	0	0	0

											58
Integrated water					_		[~		~	
management					0			0	0	0	C
Integrated Nutrient Management	INM in										
wanagement	cucurbitaceous crop										
	for income										
	generation, INM in										
	wheat for higher										
	production & returns,										
	INM in pulses for										
	yield enhancement,										
	INM in vegetable										
	crops and use of										
	biofertilizer, INM in		00			~				40	
	wheat.	2	28	8	36	2	2	4	30	10	4(
Production and use of					0			0	0	0	(
organic inputs Management of					0			0	0	0	(
Problematic soils					0			0	0	0	(
Micro nutrient					0			0	<u> </u>	0	```````````````````````````````````````
deficiency in crops					0			0	0	0	(
Nutrient Use					~	 		<u> </u>	<u> </u>	<u> </u>	······
Efficiency			ļ		0			0	0	0	(
Balance use of	Balance use of				-			-	_	-	
fertilizers	fertilizers	1	10	10	20	4	3	7	14	13	2
Soil and Water Testing		·····		. •	0	· · ·	Ť	0	0	0	(
Others (pl specify)	Introduction to				~ ~			0		<u> </u>	````
(r. promj)	Natural farming,		ļ								
	Introduction to										
	Natural farming.	1	1	17	18	0	2	2	1	19	20
Fotal	Tuturur Turming.	4	39	35	74	6	7	13	45	42	8
IV Livestock				•••	, -			10			
Production and											
Management											
Dairy Management	1. Ideal animal		i			İ			i i i i i i i i i i i i i i i i i i i		
	husbandry through										
	scientific method										
	for income										
	generation										
	2. Care and										
	management of										
	livestock during										
	winter season	2	42		42	8	0	8	50	0	50
Poultry Management	Winter Season	~			0		V	0	0	0	(
Piggery Management					0			0	0	0	
Rabbit Management					0			0	0	0	(
Animal Nutrition	<u></u>				U	<u> </u>		U	U	U	(
Animal Nutrition Management					0			0	0	0	(
Disease Management	1. Sterility cause and				U			U	U	U	
Jiscase ivialiagement	prevention in livestock										
	2. Mastitis its cause		ļ								
	and prevention,1.		ļ								
	Important diseases of		ļ								
	livestock and their		ļ								
	control measure										
	2. Importance of			_				~		-	_
	vaccination in livestock	2	44	0	44	8	0	8	52	0	5
Feed & fodder			l		~			^	0	0	
echnology Production of quality					0	_		0	0	U	
Production of quality animal products					0			0	0	0	
Others (pl specify)	 				0	 	[0	0	0	
		A		~		16		16			
Total V. Homo	<u> </u>	4	86	0	86	01	0	10	102	0	10
V Home Science/Women			ļ								
empowerment											
and the most of the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second sec	ı		1	1	1		1		1		

											59
security by kitchen	seasonal vegetables			Γ	ľ		Γ				59
gardening and	to enhance health										
nutrition gardening	status										
Design and											
development of											
low/minimum cost diet					0			0	0	0	0
Designing and											
development for high nutrient efficiency diet					0			0	0	0	0
Minimization of	Minimization of				0				U	0	0
nutrient loss in	nutrient loss in										
processing	processing	1	0	22	22	0	5	5	0	27	27
Processing and	processing			~~	~~		Ŭ		Ŭ	21	~ 1
cooking					0			0	0	0	0
Gender mainstreaming	Capacity building							ľ			
through SHGs	training for SHGs of										
	Women	1	0	16	16	0	5	5	0	21	21
Storage loss						ľ					
minimization					_					~	
techniques					0			0	0	0	0
Value addition	la serie de la constant				0			0	0	0	0
Women empowerment	Income generating										
	activity for										
	empowerment of rural women	1	0	17	17	0	3	3	0	20	20
Location specific		I	0	1/	17	0	<u>ა</u>	3	U	20	20
drudgery reduction											
technologies					0			0	0	0	0
Rural Crafts	Preparation of rural										
	craft for financial										
	upliftment of farm										
	women.	1	0	22	22	0	2	2	0	24	24
Women and child care					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total		5	0	95	95	0	19	19	0	114	114
VI Agril.											
Engineering Farm Machinary and											
its maintenance											
Installation and					·····						
maintenance of micro											
irrigation systems											
Use of Plastics in											
farming practices Production of small											
tools and implements											
Repair and											
maintenance of farm											
machinery and											
implements											
Small scale processing											
and value addition Post Harvest											
Technology											
Others (pl specify)			·····								
Total			İ					ľ			
VII Plant Protection											
Integrated Pest											
Management											l
Integrated Disease Management											
	·		·····								
Bio-control of pests		1				=	1	1	1		1
Bio-control of pests and diseases											
and diseases Production of bio						I					
and diseases Production of bio control agents and bio											
and diseases Production of bio											

								60
Total	[[T
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	<u> </u>	·	 				 	<u> </u>
Pen culture of fish and								
prawn	l		 				 	
Shrimp farming		ļ						<u> </u>
Edible oyster farming		İ	 				 	
Pearl culture	<u> </u>	<u> </u>	 				 <u> </u>	<u> </u>
Fish processing and								
value addition	<u> </u>	<u> </u>	 				 	
Others (pl specify)			 					
Total			 				 	
IX Production of			 				 	
Inputs at site								
Seed Production							 	1
Planting material		ĺ					 	1
production								
Bio-agents production		·	 				 	.
Bio-pesticides		ii	 					
production								
Bio-fertilizer		·	 				 	+
production								
Vermi-compost			 				 	
production	l	<u> </u>						<u> </u>
Organic manures production								
		·	 				 	<u> </u>
Production of fry and								
fingerlings	ll		 				 	
Production of Bee-								
colonies and wax								
sheets			 				 	
Small tools and								
implements	<u></u>	ļ	 				 	ļ
Production of								
livestock feed and								
fodder	<u> </u>		 				 ļ	.
Production of Fish								
feed		l	 				 ļ	.
Mushroom Production	<u> </u>	<u> </u>]	 				 ļ	
Apiculture		[]	 					
Others (pl specify)		<u> </u>	 				 	<u> </u>
Total								l
X Capacity Building			 	_/			 	l
and Group Dynamics								
Leadership								Τ
development		i l						
Group dynamics							 	
Formation and			 				 	1
Management of SHGs								
Mobilization of social			 				 	•
capital	ļ							
Entrepreneurial		Íİ					 	1
		i l						
development of		i l						
formore wouth	1	1					l	
farmers/youths		{/						1
WTO and IPR issues								

										61
XI Agro-forestry										
Production										
technologies										
Nursery management										
Integrated Farming										
Integrated Farming Systems										
Others (pl specify)										
Total										
GRAND TOTAL	20	226	166	392	54	43	97	280	209	489

Farmers' Training including sponsored training programmes – CONSOLIDATED (On + Off campus)

Thematic area	Actual Title of	No. of]	Participan	ts			
(May be specific to	training conducted	courses		Others			SC/ST		(Grand Tot	al
any given KVK)			Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production											
Weed Management	Integrated Weed										
	Management in										
	Paddy	1	21	3	24	3	0	3	24	3	27
Resource	Crop Residue										
Conservation	Management					_	•				
Technologies		1	20	0	20	0	0	0	20	0	20
Cropping Systems		0	0	0	0	0	0	0	0	0	0
Crop Diversification		0	0	0	0	0	0	0	0	0	0
Integrated Farming		0	0	0	0	0	0	0	0	0	0
Micro		~	0		_	0	<u> </u>	_	_		
Irrigation/irrigation	<u> </u>	0	0	0	0	0	0	0	0	0	0
Seed production	Seed Production					_		_	10		
	Technology	2	33	0	33	7	0	7	40	0	40
Nursery management		0	0	0	0	0	0	0	0	0	0
Integrated Crop	production										
Management	technology of paddy										
	,production										
	technology of										
	wheat, production										
	technology of										
	Barley, mustard	4	78	2	80	0	1	1	78	3	81
Soil & water		_	_			_	_			_	
conservatioin		0	0	0	0	0	0	0	0	0	0
Integrated nutrient		0	0	0	0	0	0	0	0	0	0
management Production of organic		U	0	0	U	0	U	0	0	0	0
inputs		0	0	0	0	0	0	0	0	0	0
Others (pl specify)	Integrated Pest and	Ŭ.	Ŭ	<u> </u>	<u> </u>	<u> </u>	v	<u> </u>	0	0	
oulors (propoenty)	Disease management										
	in Paddy	2	33	9	42	15	2	17	48	11	59
Total		10	185	14	199	25	3	28	210	17	227
II Horticulture		10	100	14	133	25	J	20	210	17	221
a) Vegetable Crops											
Production of low	Use of trellis system										
value and high valume	in cucmber										
crops	production for higher										
	income	1	16	0	16	4	0	4	20	0	20
Off-season vegetables		0	0	0	0	0	0	0	0	0	0
Nursery raising		0	0	0	0	0	0	0	0	0	0
Exotic vegetables		0	0	0	0	0	0	0	0	0	0
Export potential	 	U	v	<u> </u>		0	0	<u> </u>		0	<u> </u>
vegetables		0	0	0	0	0	0	0	0	0	0
Grading and	Use of drip irrigation	Ĭ	Ŭ	<u>-</u>	Ĭ	Ť	<u> </u>	<u> </u>	Ľ,		Ť
standardization	for efficient use of										
	water in Brinjal crop										
	for higher monetary										
	returns	2	38	1	39	4	0	4	42	1	43
Protective cultivation	Scientific farming of	1	22	0	22	2	0	2	24	0	24
stretter survivation		1		. <u> </u>	<u> </u>	-	J	<u>د</u>	1 27	. 0	<u> </u>

											62
	capsicum in green house for doubling income										
Others (pl specify)	meome	0	0	0	0	0	0	0	0	0	0
Total (a)		4	76	1	77	10	0	10	86	1	87
b) Fruits		-	70	1		10	U	10	00		07
Training and Pruning		0	0	0	0	0	0	0	0	0	0
Layout and		v	<u> </u>	<u> </u>	0		0	0	0	0	0
Management of											
Orchards		0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	Strawberry cultivation for higher income,Papaya cultivation for higher income and Intercropping of vegetables with										
	Banana crop for doubling income	3	40	19	59	12	9	21	52	28	80
Management of young		~	_		~	_	_	-			
plants/orchards		0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards		0	0	0	0	0	0	0	0	0	0
Export potential fruits		0	0	0	0	0	0	0	0	0	0
Micro irrigation		v	0	U	U	0	0	0		0	0
systems of orchards		0	0	0	0	0	0	0	0	0	0
Plant propagation											
techniques		0	0	0	0	0	0	0	0	0	0
Others (pl specify)		0	0	0	0	0	0	0	0	0	0
Total (b)		3	40	19	59	12	9	21	52	28	80
c) Ornamental Plants											
Nursery Management		0	0	0	0	0	0	0	0	0	0
Management of potted		0	0	0	0	0	0	0	0	•	0
plants		0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants		0	0	0	0	0	0	0	0	0	0
Propagation		Ŭ		Ŭ	Ŭ	Ŭ	Ŭ	Ŭ			
techniques of											
Ornamental Plants		0	0	0	0	0	0	0	0	0	0
Others (pl specify)	Marigold cultivation										
	for doubling income	2	20	3 3	23	16	4	20	36	7	43
Total (c)		2	20	3	23	16	4	20	36	7	43
d) Plantation crops Production and											
Management		0	0	0	0	0	0	0	0	0	0
technology Processing and value		U	U	0	U	U	U	0	0	0	0
addition		0	0	0	0	0	0	0	0	0	0
Others (pl specify)		Ŭ	Ŭ	0	Ŭ 0	0	Ū	0	0	0	0
Total (d)		0	0	0	0	0	0	0	0	0	0
e) Tuber crops		-	-	-	-		-		-		
Production and									1	h	
Management											
technology		0	0	0	0	0	0	0	0	0	0
Processing and value		0	0	0	0	0	0	0	0	0	<u>م</u>
addition Others (pl specify)		0	0	0	0	0	0	0	0	0	0
Total (e)		0	0	0	0	0	0	0	0	0	0
f) Spices		U	0	0	U	0	0	0		0	0
Production and	Cultivation of spices										
Management	in Gorakhpur district										
technology	for higher monetary										
	returns	1	6	2	8	8	4	12	14	6	20
Processing and value				<u> </u>	v		т			U	
addition		0	0	0	0	0	0	0	0	0	0

											63
Others (pl specify)		0	0	0	0	0	0	0	0	0	0
Total (f)		1	6	2	8	8	4	12	14	6	20
g) Medicinal and Aromatic Plants											
Nursery management		0	0	0	0	0	0	0	0	0	0
Production and											
management										<u> </u>	
technology		0	0	0	0	0	0	0	0	0	0
Post harvest technology and value											
addition		0	0	0	0	0	0	0	0	0	0
Others (pl specify)		0	0	0	Ŭ 0	0	Ŭ	0	0	0	0
Total (g)		0	0	0	0	0	0	0	0	0	0
GT (a-g)		10	142	25	167	46	17	63	188	42	230
III Soil Health and											
Fertility Management											
Soil fertility											
management		0	0	0	0	0	0	0	0	0	0
Integrated water		~			^			^	_	^	~
management Integrated Nutrient	INIM in	0	0	0	0	0	0	0	0	0	0
Management	INM in cucurbitaceous crop										
	for income										
	generation, INM in										
	wheat for higher										
	production & returns,										
	INM in pulses for										
	yield enhancement,										
	INM in vegetable										
	crops and use of										
	biofertilizer, INM in	_		_			_				
	wheat.	5	78	8	86	16	2	18	94	10	104
Production and use of organic inputs		0	0	0	0	0	0	0	0	0	0
Management of		-		_	_			_		-	-
Problematic soils		0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops		0	0	0	0	0	0	0	0	0	0
Nutrient Use		0	0	0	0	0	U	0	0	0	0
Efficiency		0	0	0	0	0	0	0	0	0	0
Balance use of	Balance use of										
fertilizers	fertilizers	1	10	10	20	4	3	7	14	13	27
Soil and Water											
Testing		0	0	0	0	0	0	0	0	0	0
Others (pl specify)	Introduction to										
	Natural farming,										
	Introduction to Natural farming.	2	23	19	42	6	2	8	29	21	50
Total	Inatural farming.	<u> </u>	23 111	37	42 148	0 26	2 7	<u> </u>	29 137	21 44	50 181
IV Livestock	<u>.</u>	U		57	140	20	/	- 33	157		101
Production and											
Management											
Dairy Management	1. Ideal animal										
	husbandry through										
	scientific method										
	for income										
	generation										
	2. Care and										
	management of										
	livestock during	0	40	~	40	0		0	50	0	FO
Poultry Management	winter season	2	42	0	42 0	8 0	0	8 0	<u> </u>	0	50
Poultry Management Piggery Management		0	0 0	0	0	0	0	0	0	0	0 0
Rabbit Management		0	0	0	0	0	0	0	0	0	0
Animal Nutrition	Preparation of balance	1	22	0	22	0	0	0	22	0	22
a minima a van nu in Oli	i reparation of balance	I		U	<u> </u>	U	U	U	<u> </u>	U	

											64
Management	ration for milch animal]								
Disease Management	1. Sterility cause and										
	prevention in livestock										
	2. Mastitis its cause										
	and prevention,1. Important diseases of										
	livestock and their										
	control measure										
	2. Importance of										
	vaccination in livestock	4	82	0	82	15	0	15	97	0	97
Feed & fodder	Green fodder				00	~	0	0	~~~	•	00
technology	production technology	1	22	0	22	0	0	0	22	0	22
Production of quality animal products		0	0	0	0	0	0	0	0	0	0
Others (pl specify)		0	0	0	0	0	0	0	0	0	0
Total		8	168	0	168	23	0	23	191	0	191
V Home		•	100	•	100	20	•	20	101	•	101
Science/Women											
empowerment											
Household food	Production of										
security by kitchen	seasonal vegetables										
gardening and	to enhance health										
nutrition gardening	status	2	0	35	35	0	9	9	0	44	44
Design and	Dream a matrix and 6.1										
development of low/minimum cost	Preparation of low										
diet	cost diet for child	1	0	16	16	0	0	0	0	16	16
Designing and	Nutritional		Ŭ	10	10		v	0	0	10	10
development for high	upliftment by low										
nutrient efficiency diet	cost locally available										
	less familiar food	1	0	18	18	0	2	2	0	20	20
Minimization of	Minimization of		Ŭ		.0	Ŭ					
nutrient loss in	nutrient loss in										
processing	processing	1	0	22	22	0	5	5	0	27	27
Processing and	Safe storage of food										
cooking	grain	1	0	18	18	0	2	2	0	20	20
Gender mainstreaming	Capacity building										
through SHGs	training for SHGs of										
	Women	2	0	38	38	0	11	11	0	49	49
Storage loss											
minimization		0	0		0	_	0	0	_	0	0
techniques Value addition	Value Addition of	0	U	0	0	0	U	0	0	0	0
value addition	food grain	1	0	18	18	0	4	4	0	22	22
Women empowerment			U	10	10	0	4	4	0	22	22
women empowerment	Income generating activity for										
	empowerment of										
	rural women	1	0	17	17	0	3	3	0	20	20
Location specific			v				5	5		20	20
drudgery reduction											
technologies		0	0	0	0	0	0	0	0	0	0
Rural Crafts	Preparation of rural										
	craft for financial										
	upliftment of farm										
	women.	1	0	22	22	0	2	2	0	24	24
Women and child care	Nutritional										
	upliftment by low										
	cost locally										
	available less		_			_	_	-	_	<i>.</i>	. .
	familiar food	1	0	18	18	0	3	3	0	21	21
Others (pl specify)		0	0	0	0	0	0	0	0	0	0
Total		12	0	222	222	0	41	41	0	263	263
VI Agril. Engineering											
Engineering Farm Machinary and											
its maintenance											
municonunec	<u>.</u> i		I	<u>I</u>		L					L

Tacabalito and maintenance of micro intrigation systems.								65
maintenne of micro ingration systems Use of Plastics in a family practices Production of small Production of small Production of small Production of small Production of small Production of small Production of small Production of small Production of small Production of small Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Production of bio Produc	Installation and			[l			05
Use of Plastics in forming nearcies production of small order production of small production of small order provides and implements production of firm manchemers and manchemers and production of production of production of firm manchemers and production of production of production of firm manchemers and production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of production of produ	maintenance of micro							
familing practices.	irrigation systems							
Production of small use of the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second								
code and implements			 	 				
Repair and mathemates of fram machinery and implements and and value addition implements of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second of a second o								
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Total											
GRAND TOTAL		48	606	298	904	120	68	188	726	366	1092

Training for Rural Youths including sponsored training programmes (On campus)

	Actual					No. of	[°] Participant	S			
Thematic area	Title of			General			SC/ST			Grand Tota	<u>l</u>
(May be specific to any given KVK)	training conduct ed	No. of Courses	Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	Nurser y Manag ement of Horticu Iture crops	1	14	0	14	2	0	2	16	0	16
Training and pruning of orchards		0			0			0	0	0	0
Protected cultivation of vegetable crops		0			0			0	0	0	0
Commercial fruit production		0			0			0	0	0	0
Integrated farming		0			0			0	0	0	0
Seed production	Seed produc tion of paddy	1	11	0	11	4		4	15	0	15
Production of organic inputs		0			0			0	0	0	0
Planting material production		0			0			0	0	0	0
Vermi-culture		0			0			0	0	0	0

Mushroom Production	Mushr	1	14	0	14	2	0	2	16	0	16
	oom	•		· ·		_	•	_		Ū	
	produc										
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	Techn										
	ology										
Bee-keeping		0			0			0	0	0	0
Sericulture		0			0			0	0	0	0
Repair and maintenance of		0			0			0	0	0	0
farm machinery and											
implements Value addition	Value	4		10	12			3		45	45
value addition	Value additio	1	0	12	12	0	3	3	0	15	15
	n of										
	Fruit										
	And										
	Vegeta										
	bles										
Small scale processing		0			0			0	0	0	0
Post Harvest Technology	"	0			0			0	0	0	0
Tailoring and Stitching	"	0			0			0	0	0	0
Rural Crafts	Agarbat	1	0	12	12	0	3	3	0	15	15
	ti										
	training										
Production of quality animal		0			0			0	0	0	0
products											
Dairying		0			0			0	0	0	0
Sheep and goat rearing	Commerc ial goat	1	25	0	25	1	0	1	26	0	26
	and sheep										
	farming	-									
Quail farming	"]	0			0			0	0	0	0
Piggery	""	0			0			0	0	0	0
Rabbit farming	""	0			0			0	0	0	0
Poultry production	""	0			0			0	0	0	0
Ornamental fisheries	""	0			0			0	0	0	0
Composite fish culture	""	0			0			0	0	0	0
Freshwater prawn culture	. 	0		.	0		l	0	0	0	0
Shrimp farming	. 	0	 	.	0			0	0	0	0
Pearl culture	. 	0	 	.	0			0	0	0	0
Cold water fisheries	. 	0	 	.	0			0	0	0	0
Fish harvest and processing		0			0			0	0	0	0
technology Fry and fingerling rearing	·	0	 		0		. 	0	0	0	0
Any other (pl.specify)	-	0			0			0	0	0	0
TOTAL		U	I	1	U	1	1	0	0	U	0

Training for Rural Youths including sponsored training programmes (Off campus)

	Actual					No. of	Participant	5			
Thematic area	Title of			General			SC/ST			Grand Tota	1
(May be specific to any given KVK)	training conduct ed	No. of Courses	Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of											
Horticulture crops											
Training and pruning of											
orchards											
Protected cultivation of											
vegetable crops											
Commercial fruit production											
Integrated farming											
Seed production											
Production of organic inputs					l						
Planting material production				Ì	İ	1	İ	İ	Ì		ĺ
Vermi-culture				1	İ		1		1		

Mushroom Production	T	T	 I]	I	Ι		00
Bee-keeping									
Sericulture									
Repair and maintenance of									
farm machinery and									
implements									
Value addition									
Small scale processing									
Post Harvest Technology									
Tailoring and Stitching									
Rural Crafts									
Production of quality animal									
products									
Dairying									
Sheep and goat rearing									
Quail farming									
Piggery									
Rabbit farming	ļ								
Poultry production									
Ornamental fisheries									
Composite fish culture									
Freshwater prawn culture									
Shrimp farming									
Pearl culture									
Cold water fisheries									
Fish harvest and processing									
technology	<u> </u>				<u> </u>				
Fry and fingerling rearing									
Any other (pl.specify)									
TOTAL									

Training for Rural Youths including sponsored training programmes – CONSOLIDATED (On + Off campus)

	Actual					No. of	Participant	s				
Thematic area	Title of			General			SC/ST		Grand Total			
(May be specific to any given KVK)		No. of Courses	Male	Female	Total	Male	Female	Total	Male	Female	Total	
Nursery Management of Horticulture crops	Nurser y Manag ement of Horticu Iture crops	1	14	0	14	2	0	2	16	0	16	
Training and pruning of	61005		17	0		~	0	∠	10	U U	10	
orchards		0			0			0	0	0	0	
Protected cultivation of									_			
vegetable crops		0			0			0	0	0	0	
Commercial fruit production		0			0			0	0	0	0	
Integrated farming		0			0			0	0	0	0	
Seed production	Seed produc tion of paddy	1	11	0	11	4		4	15	0	15	
Production of organic inputs		0			0			0	0	0	0	
Planting material production		0			0			0	0	0	0	
Vermi-culture		0			0			0	0	0	0	
Mushroom Production	Mushr oom produc tion Techn											
	ology	1	14	0	14	2	0	2	16	0	16	

											69
Bee-keeping		0	[0		I	0	0	0	0
Sericulture		0			0		I	0	0	0	0
Repair and maintenance of											
farm machinery and											
implements		0			0			0	0	0	0
Value addition	Value										
	additio										
	n of										
	Fruit										
	And										
	Vegeta										. –
a 11 1 .	bles	1	0	12	12	0	3	3	0	15	15
Small scale processing		0			0			0	0	0	0
Post Harvest Technology		0			0			0	0	0	0
Tailoring and Stitching		0			0			0	0	0	0
Rural Crafts	Agarba										
	tti										
	training	1	0	12	12	0	3	3	0	15	15
Production of quality animal											0
products		0			0			0	0	0	0
Dairying		0			0			0	0	0	0
Sheep and goat rearing	Commerc ial goat										
	and sheep										
	farming	1	25	0	25	1	0	1	26	0	26
Quail farming		0			0			0	0	0	0
Piggery		0			0			0	0	0	0
Rabbit farming		0			0			0	0	0	0
Poultry production		0			0			0	0	0	0
Ornamental fisheries		0			0			0	0	0	0
Composite fish culture		0			0		Ī	0	0	0	0
Freshwater prawn culture		0			0			0	0	0	0
Shrimp farming		0			0		Ī	0	0	0	0
Pearl culture		0			0			0	0	0	0
Cold water fisheries		0			0		T	0	0	0	0
Fish harvest and processing		Ť			Ť			Ť		ĭ	<u>J</u>
technology		0			0			0	0	0	0
Fry and fingerling rearing		0			0		Î	0	0	0	0
Any other (pl.specify)		0			0	tr	Ī	0	0	0	0
TOTAL		6	64	24	88	9	6	15	73	30	103

Training programmes for Extension Personnel including sponsored training programmes (on campus)

	Actual Title of training conducted		No. of Participants										
	conducted		General			General SC/ST Grand			rand Tot	tal			
Thematic area (May be specific to any given KVK)		No. of Courses	Male	Female	Total	Male	Female	Total	Male	Female	Total		
Productivity enhancement in field crops		0			0			0	0	0	0		
Integrated Pest Management		0			0			0	0	0	0		
Integrated Nutrient management	INM in Zaid crops.				1				1		1		
		1	8	3	1	4		4	2	3	5		
Rejuvenation of old orchards		0			0			0	0	0	0		
Protected cultivation technology	Use of polyhouse, green house & net house for				1				1		2		
	horticulture crop	1	11	6	7	4	0	4	5	6	1		

	production										ſ
Production and use of organic inputs		0			0			0	0	0	0
Care and maintenance of farm machinery and implements		0			0			0	0	0	0
Gender mainstreaming through SHGs		0			0	Γ		0	0	0	0
Formation and Management of SHGs		0			0			0	0	0	0
Women and Child care	Household food security Women and Child care	1	0	11	1	0	5	5	0	16	1
Low cost and nutrient efficient diet designing		0			0			0	0	0	0
Group Dynamics and farmers organization		0			0			0	0	0	0
Information networking among farmers		0			0			0	0	0	0
Capacity building for ICT application		0			0			0	0	0	0
Management in farm animals		0			0			0	0	0	0
Livestock feed and fodder production		0			0			0	0	0	0
Household food security	Low cost and nutrient efficient diet designing	1	0	14	1 4	0	1	1	0	15	1 5
Any other (pl.specify)		0			0			0	0	0	0
TOTAL		4	19	34	5 3	8	6	1 4	2 7	40	6 7

Training programmes for Extension Personnel including sponsored training programmes (off campus)

	Actual Title of training		No. of Participants										
	conducted		General			I	SC/ST		G	rand To	otal		
Thematic area (May be specific to any given KVK)		No. of Courses	Male	Female	Total	Male	Female	Total	Male	Female	Total		
Productivity enhancement in field crops		1		1	1	İ		1		ĺ			
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Production and use of organic inputs				1									
Care and maintenance of farm machinery				1									
and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care				T									
Low cost and nutrient efficient diet													
designing													
Group Dynamics and farmers													
organization													
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Household food security				1		I				I			
Any other (pl.specify)		I		1]					
TOTAL				1		I							

Training programmes for Extension Personnel including sponsored training programmes – CONSOLIDATED (On + Off campus)

	Actual Title of training conducted		No. of Participants											
	conducted		(General			SC/ST		G	rand Tot	al			
Thematic area (May be specific to any given KVK)		No. of Courses	Male	Female	Total	Male	Female	Total	Male	Female	Total			
Productivity enhancement in field crops		0			0			0	0	0	0			
Integrated Pest Management		0		İ	0			0	0	0	0			
Integrated Nutrient management	INM in Zaid crops.	1	8	3	1 1	4		4	1 2	3	1 5			
Rejuvenation of old orchards		0		Ŭ	0			0	0	0	0			
Protected cultivation technology	Use of polyhouse, green house & net house for horticulture crop production	1	11	6	1	4	0	4	1 5	6	2			
Production and use of organic inputs	production	0		Ŭ	0			0	0	0	0			
Care and maintenance of farm machinery	1	Ŭ						† Č	Ŭ	Ŭ				
and implements		0			0			0	0	0	0			
Gender mainstreaming through SHGs		0			0			0	0	0	0			
Formation and Management of SHGs		0			0			0	0	0	0			
Women and Child care	Household food security Women and Child care	1	0	11	1	0	5	5	0	16	1 6			
Low cost and nutrient efficient diet designing		0			0			0	0	0	0			
Group Dynamics and farmers organization		0			0			0	0	0	0			
Information networking among farmers		0			0			0	0	0	0			
Capacity building for ICT application		0			0			0	0	0	0			
Management in farm animals		0			0			0	0	0	0			
Livestock feed and fodder production		0			0			0	0	0	0			
Household food security	Low cost and nutrient efficient diet designing	1	0	14	1	0	1	1	0	15	1 5			
Any other (pl.specify)		0	0	14	4	U		0	0	0	0			
TOTAL		4	19	34	5 3	8	6	1 4	2 7	40	6 7			

Table. Sponsored training programmes

	Actual Title of	No. of Courses				No. o	f Partic	ipants			
	training conducted	Courses	G		SC/ST			Grand To	t al		
Thematic area (May be specific to any given KVK)			Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and											
management											
Increasing production and											
productivity of crops											
Commercial production of											
vegetables											
Production and value											
addition											
Fruit Plants											
Ornamental plants											
Spices crops											
Soil health and fertility	Cow based										
management	natural farming	1	34	0	34	6		6	40	0	40
Production of Inputs at											

									72
site								"	
Methods of protective									
cultivation									
Others (pl. specify)									
Total	1	34	0	34	6	6	40	0	40
Post harvest technology									
and value addition									
Processing and value		i							
addition									
Others (pl. specify)									
Total									
Farm machinery								<u>[</u> "	
Farm machinery, tools									
and implements									
Others (pl. specify)									
Total		••••••							
Livestock and fisheries									
Livestock production and									
management									
Animal Nutrition		·····						i``	
Management									
Animal Disease									
Management									
Fisheries Nutrition									
Fisheries Management									
Others (pl. specify)									
Total		ľ							
Home Science		i							
Household nutritional									
security									
Economic empowerment									
of women									
Drudgery reduction of									
women									
Others (pl. specify)								Ĩ	
Total									
Agricultural Extension									
Capacity Building and									
Group Dynamics									
Others (pl. specify)									
Total		1							
GRAND TOTAL	1	34	0	34	6	6	40	0	40

Name of sponsoring agencies involved

Details of vocational training programmes carried out by KVKs for rural youth

	Actual Title of		No. of Participants											
	training conducted			General	,		SC/ST		G	rand Tot	al			
Thematic area (May be specific to any given KVK)		No. of Courses	Male	Female	Total	Male	Female	Total	Male	Female	Total			
Crop production and		<u> </u>												
management														
Commercial floriculture														
Commercial fruit production														
Commercial vegetable														
production											1			
Integrated crop management														
Organic farming														
Others (pl. specify)														
Total														
Post harvest technology and		I												
value addition														
Value addition														
Others (pl. specify)														

Total		 	l		 Γ			73
Livestock and fisheries		 			 	 		
Dairy farming		 						
Composite fish culture		 						
Sheep and goat rearing		 						
Piggery		 			 	 		
Poultry farming								
Others (pl. specify)								
Total								
Income generation activities								
Vermicomposting		 						
Production of bio-agents, bio-								
pesticides,								
bio-fertilizers etc.								
Repair and maintenance of								
farm machinery								
and implements								
Rural Crafts								
Seed production								
Sericulture								
Mushroom cultivation						 		
Nursery, grafting etc.								
Tailoring, stitching,								
embroidery, dying etc.								
Agril. para-workers, para-vet								
training		 			 	 		
Others (pl. specify)	<u></u>	 	<u> </u>				<u> </u>	
Total		 						
Agricultural Extension		 						
Capacity building and group								
dynamics		 			 	 		
Others (pl. specify)	<u> </u>	 	ļ	 	 <u> </u>	 	ļ	
Total		 	ļ		 		ļ	
Grand Total								

VII. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	82	125	25	150
Diagnostic visits	50	70	8	78
Field Day	4	216	0	216
Group discussions				0
Kisan Ghosthi	13	2379	15	2394
Film Show				0
Self -help groups				0
Kisan Mela	5	2820	5	2825
Exhibition	5	2550	51	2601
Scientists' visit to farmers field	273	371	0	371
Plant/animal health camps				0
Farm Science Club				0
Ex-trainees Sammelan				0
Farmers' seminar/workshop				0
Method Demonstrations				0
Celebration of important days	3	132	5	137
Special day celebration	3	182	6	188
Exposure visits				0
Others (pl. specify)	50	25620	340	25960
Total	488	34465	455	34920

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	

Extension Literature	8
News paper coverage	337
Popular articles	15
Radio Talks	0
TV Talks	0
Animal health amps (Number of animals treated)	0
Others (pl. specify)	0
Total	15

Mobile Advisory Services

	Message Type	Type of Messages								
Name of KVK		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total		
	Text only	52	18	0	10	0	8	88		
	Voice only	0	0	0	0	0	0	0		
	Voice & Text both	0	0	0	0	0	0	0		
	Total Messages	52	18	0	10	0	8	88		
	Total farmers Benefitted	2556	2556	0	2556	0	2556	10224		

VIII. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Number of KVKs organised Technology Week	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
	Gosthies			
	Lectures organised			
	Exhibition			
	Film show			
	Fair		I	
	Farm Visit			
	Diagnostic Practicals		Ι	
	Distribution of Literature (No.)			
	Distribution of Seed (q)			
	Distribution of Planting materials (No.)			
	Bio Product distribution (Kg)			
	Bio Fertilizers (q)			
	Distribution of fingerlings			
	Distribution of Livestock specimen (No.)			
	Total number of farmers visited the			
	technology week			

IX. PRODUCTION OF SEED/PLANTING MATERIAL AND BIO-PRODUCTS

Сгор	eeds by the KVKs Name of the crop	Name of the variety		ame of the Name of the variety hybrid		Name of the variety hybrid		Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals										
	Paddy	NDR 2065		60	210000					
	Paddy	MTU 7029		24	84000					
	Kalanamak	Pusa Narendra Kalanamk 1		30	105000					
	Wheat	DBW 187		70	245000					
	Wheat	HD 3249		12	42000					
Oilseeds										

					75
Pulses					
	Pigeon Pea	IPA 203	8	80000	
~ · 1					
Commercial crops					
Vegetables					
Flower crops					
Spices					
Fodder crop seeds					
Fiber groups					
Fiber crops					
Forest Species					
Others					
Total			204	766900	

Production of planting materials by the KVKs

Сгор	Name of the crop	Name of the variety	Name of the hybrid	Number	Value (Rs.)	Number of farmers
Commercial						
Vegetable seedlings						
	Brinjal, Chilli, Tomato, Brinjal, Cauliflower, Onion	Kashi Sandesh,		22355	4190	31
Fruits	Рарауа	Pusa Nanha		376	3760	6
Ornamental plants						
	Marigold	Pusa Narangi		5480	10960	11
Medicinal and Aromatic						
Plantation						
Spices						
Tuber						
Fodder crop saplings						
Forest Species						
Others						
Total				28211	18910	48

Production of Bio-Products

	Name of the bio-product	Quantity		
Bio Products		Kg	Value (Rs.)	No. of Farmers
Bio Fertilisers				
L				
Bio-pesticide				
				-
Bio-fungicide				
Bio Agents				
Others				
Total				

Table: Production of livestock materials

	Name of the breed	Number	Value (Rs.)	No. of Farmers
Particulars of Live stock				
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Poultry				
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Others (Pl.specify)				
Fisheries				
Indian carp				
Exotic carp				
Others (Pl. specify)				
Total				

X. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)
Soil				
Water				
Plant				
Manure				
Others (pl.specify)				
Total				

XI. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted	Date of SAC

XII. NEWSLETTER/MAGAZINE

Name of News letter/Magazine	No. of Copies printed for distribution

XIII. PUBLICATIONS

Category	Number
Books	3
Technical bulletins	2
Research Paper	3
Lead Papers	
Book Chapters	
Popular Articles	14
Newsletters	
Technical reports	
Others (pl. specify)	1
TOTAL	23

XIV. DETAILS ON RAIN WATER HARVESTING STRUCTURE AND MICRO-IRRIGATION SYSTEM

Activities conducted								
No. of Training programmes No. of Demonstration s No. of plant materials produced Visit by farmers Visit by official								
			(No.)	(No.)				

XV. INTERVENTIONS ON DISASTER MANAGEMENT/UNSEASONAL RAINFALL/HAILSTORM/COLD WAVES ETC

Introduction of alternate crops/varieties

Crops/cultivars	Area (ha)	Extent of damage	Recovery of damage through KVK initiatives if
			any
Total			

Major area coverage under alternate crops/varieties

Crops Oilseeds	Area (ha)	Number of beneficiaries
Oilseeds		
Pulses		
Cereals		
Vegetable crops		
Tuber crops		
Total		

Farmers-scientists interaction on livestock management

Livestock components	Number of interactions	No.of participants
Total		

Animal health camps organised

Number of camps	No.of animals	No.of farmers		
Total				

Seed distribution in drought hit states

Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
Total			

Large scale adoption of resource conservation technologies

Area (ha)	Number of farmers
	141111015
	Area (ha)

Awareness campaign

	Meetings		Gosthies		Field d	lays	Farmers f	air	Exhibition		Film sl	now
	No.	No.of	No.	No.of	No.	No.of	No.	No.of	No.	No.of	No.	No.of
		farmers		farmers		farmers		farmers		farmers		farmers
Total												

XVI. DETAILS ON HRD ACTIVITIES

A. HRD activities organized in identified areas for KVK staff by the Directorate of Extension

Name of the SAU	Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
Total				

B. HRD activities organized in identified areas for KVK staff by ATARI

Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
Total			

XIX Achievement of Special programmes

1) Achievement of skill development training funded by DAC&FW

S.			Duration	No. of			No.	of Parti	cipant	S	
No.	SubSector*	QP Name *	(hrs)	Courses		s/STs		hers	.	otal	TOTAL
				Organized	Male	Female	Male	Female	Male	Female	
1	Agriculture Crop Production	Jute and Mesta Cultivator	200								
2	Agriculture Crop Production	Vineyard Grower	200								
3	Agriculture Crop Production	Vineyard Worker	200								
4	Agriculture Crop Production	Makhana Grower cum Processor	200								
5	Agriculture Crop Production	Temperate Fruit Grower (Options: Apple / Pear, Peach and Plum / Kiwi)	200								
6	Agriculture Crop Production	Orchard Worker (Options: Trainer- Pruner / Machine Operator - Landscape)	200								
7	Agriculture Crop Production	Vegetable Grower	200								
8	Agriculture Crop Production	Spice Crop Cultivator (Electives: Herbal Spices/Seed Spices/Tree Spices/Rhizomatous Spices/Oil Yielding Spices/Pod (Cardamom) Spices)	200								
9	Agriculture Crop Production	Nursery Worker	200								
10	Agriculture Crop Production	Essential Oil Extractor	200								
11	Agriculture Crop Production	Power Tiller Operator	200								
12	Agriculture Crop Production	Farm Worker	200								
13	Animal Husbandry	Goat Farmer	200								
14	Animal Husbandry	Piggery Farmer (Electives: Fattening/ Breeding)	200								
15	Fisheries	Coldwater Aquaculture Farmer	200								
16	Fisheries	Seaweed Cultivator	200								
17	Forestry, Environment and Renewable Energy Management	Timber Grower	200								
18	Forestry, Environment and	Lac Cultivator	200								

					 	T	···· F	1	04	-
	Renewable Energy Management				 					
19	Agriculture Industries	Ripening Chamber Operator	200							
20	Agriculture Industries	Group Farming Practitioner	200							
21	Agriculture Industries	Agri Commodity Fumigation Operator	200							
22	Agriculture Industries	Plant Tissue Culture Technician	200							
23	Agriculture Crop Production	Flower Handler-Packaging & Palletising	212							
24	Agriculture Crop Production	Tropical/Subtropical Fruit Grower	220							
25	Agriculture Crop Production	Florist	220							
26	Agriculture Crop Production	Service and Maintenance Technician-Farm Machinery	220							
27	Fisheries	Cage Culture Fish Farmer	230							
28	Agriculture Crop Production	Pesticide & Fertilizer Applicator	232							
29	Agriculture Crop Production	Operator-Reaper, Thresher and Crop Residue Machinery	236							
30	Animal Husbandry	Stud Farm Worker	240							
31	Animal Husbandry	Companion Animal Groomer	244							
		TOTAL								

2) Achievements under Crop Residue Management (CRM) Project by KVKs

a) CRM Machinery status of the CRM KVKs

Name of	Name of	No. of	Area	No. of				Result		
machine	machine procured	demo conducted	covered (ha)	farmers covered	Demo yield (q/ha)	Check yield (q/ha)	Increase in yield %	Cost of cultivation (Rs/ha)	Net return (demo plot)	B:C ratio
Happy Seeder										
Reversible M.B.										
Plough										
Paddy Straw Chopper/ Shradder /										
Chopper/										
Mulcher										
Zero Till Drill										
Rotavator										
Tractor										
Total										

S.No	Name of the Machine/	No. of machines procured
	Equipment	
1	Happy Seeder	
2	Reversible M.B.	
	Plough	
3	Paddy Straw	
	Chopper/	
	Shradder /	
	Mulcher	
4	Zero Till Drill	
5	Rotavator	
6	Tractor	
	Total	

b) IEC activities organized under CRM Project by KVKs

S. No.	Name of IEC activity	No. of activities	No. of Participants
	Kisan Melas organized		
1.	Awareness programmes conducted at Village Panchayat/ Block/		
	District Level		
2.	Mobilization of schools and colleges through essay completion,		
	painting, debate etc.		
3.	Demonstration conducted (ha)		
4.	Training Programmes conducted		
5.	Exposure visits organized		
6.	Field / harvest days organized		
	Total		

b) Other IEC activities organized under CRM Project by KVKs

S. No.	Name of IEC activity	No. of activities
1.	Advertisement in Print media	
2.	Column / Articles in newspaper and magazines etc.	
3.	Hoarding fixed (at Mandi/ Road side/Market/ Schools/ Petrol pump/ Panchayat etc.)	
4.	Poster/Banner placed	
5.	Publicity material - leaflets/ pamphlets etc. distributed	
6.	TV programmes/ panel discussions Doordarshan/ DD-Kisan and other private channels	
7.	Wall writing	
	Total	

3) Achievement of TSP (Tribal Sub Plan)

Farmer '	Training		n Farmer ning	Rural	Karal JonthsExtension betweinNumber of taumers inof seed (q)Number of taumers intof seed (q)of Livestock 		ants in activities of seed (q)				involved activities		of Nu (h	up Ľi	ction of (Number in ch)	soil, water, res samples iber)
No. of Trainings/D emos	No. of Farmers	No. of Trainings/D emos	No. of Women Farmers	No. of Trainings/D emos	No. of Youths	No. of Trainings/D emos	No. of Ext. Person	On- farm trials	Frontline demos	Mobile agro- advisory to farmers	Particip extension (No	Production	Production of material (Nu lakh)	Production of strains (Nurr lakh)	Productio fingerlings (N lakh)	Testing of So plant, manuree (Numb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
								1								

4) Achievement of KSHAMTA (Knowledge Systems And Home Based Agricultural Management in Tribal Areas)

Number of Adopted Villages	No. of Act	ivities	No. of farmers benefited					
	Demo	Training	Demo	Training				

5) Achievements of SCSP KVKs

	rmer ining	1	en Farmer aining	Rura	l Youths		Extension Number of farmers involved Personnel		in ities	seed	of Ikh)	of tins lkh)	of mber	water, ces (ber)		
No. of Trainings/Dem os	No. of Farmers	No. of Trainings/Dem os	No. of Women Farmers	No. of Trainings/Demos	No. of Youths	No. of Trainings/Demos	No. of Ext. Person	On- farm trials	Frontline demos	Mobile agro- advisory to farmers	Participants extension activ (No.)	Production of (q)	Production Planting mate (Number in la	Production Livestock stra (Number in la	Production fingerlings (Nu in lakh)	Testing of Soil, plant, manu samples (Num

6) Achievement under IFS KVKs

S1.	Component Name	No. of	Area (ha)	Number o	of Activities	No. of farmers benefited		
No.		No. of Components established		Demo	Training	Demo	Training	
1								
2								
3								

7) Activities performed under NARI programme

Table-7.1: Details of activities performed under NARI programme

Nutritio	Nutritional Garden		ified crops	Value	addition	Training	g programmes	Extension activities		
No of Established	No. of farmers/ beneficiaries	No of activity	No of activity No. of farmers/ beneficiaries		No of activity		No of No. of farme activity beneficiarie		No of activity	No. of farmers/ beneficiaries

Table-7.2: Details of Bio-Fortified Crops used for nutritional security under NARI programme

Category	Bio Fortified Crop	Variety	Area (ha)	No of Beneficiaries
Cereal	Maize			
	Rice			
	Wheat			
Millet	Finger millet			
	Pearlmillet			
	Sorghum			

Oilseed	Groundnut		
	Mustard		
Pulses	Lentil		
	Lathyras		
Vegetable	Cauliflower		
Tuber	Sweet Potato		
Total			

8) Achievements of Soil, water, plant and manure samples analyzed by KVKs and soil health cards issued

Sample	No. of Samples in	No. of Farmers in	No. of Villages in	Amount realized	No. of Soil Health Cards issued
	lakh	lakh	lakh	(Rs. in lakhs)	(lakhs)
Soil					
Water					
Plant					
Manure					
Total					

9) Achievements under NICRA Project

NRI	М	Crop production		Livestock & Fisheries		Capacity Building		Extension Activities		
Demo	Area (ha)	Demo	Area (ha)	Demo	Area (ha)	No. of animals	No of Courses	Farmers	No. of programmes	Farmers

10) Achievements under ARYA Project

Name of entrepreneurial units	No. of entrepreneurial	No. of Training programs	No. of rural youth trained		trained No. of youth established ur	
	units established	organised	Male	Female	Male	Female
Mushroom production						
Fruits and vegetable						
processing units,						
Horticulture nursery						
Fish farming						
Poultry						
Goat farming						
Piggery						
Duck farming						
Bee keeping						
Others if any						

11) Achievements under Pulses Seed Hub programme

Season/Crop	Name of Pulse crop	Variety	Production			Category of seed	Distributed to No. of farmers
			Target (q)	Area sown (ha)	Actual Production (q)	(F/S, C/S)	
Kharif	Black gram						
	Green Gram						
	Pigeon pea						
Total (Kharif)							
Rabi	Chick pea						
	Field pea						

l			 	
	Lentil			
Total (Rabi)				
Summer	Black gram			
Total (Summer) Grand Total				
Grand Total				

12) Achievements under Swachhata Abhiyan Mission

S.No.	Items	No. of	No. of persons
		Programmes	participated
1	Toilet maintenance	2	30
2	Road, drain cleaning	4	20
3	Garbage disposal	1	25
4	Door to door awareness	12	250
5	Awareness campaign	10	300
6	Nookkad Drama		
7	School Drama		
8	School rally		
9	Writing paining slogans	1	20
10	Composting	4	110
11	Other	20	510

13) Achievements under Aspirational District Scheme

Name of programme	Number
Training	
Session No.	
No. of farmers	
Officers/staff involved	
Seed & Plant Distribution	
Programme number	
Seed distribution in q	
No. of plant distributed	
Biological products distributed	
No. of programme organised	
No. of farmers	
Officers/staff involved	
Animal husbandry & fish distribution programme	
Vaccination	
Medicine for control of parasite	
Distribution of mineral mixure	
No. of farmers	
Officers/staff involved	

14) Awards

S.No.	Name of Award received	Name of KVK/farmer	Year of Award	Date on which award received

Note: Please also mention name of farmer who received the award.