

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 Assessed	No. of Trials	No. of Farmers
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

Name of KVK	Message Type	Type of Messages						Total
		Crop	Livestock	Weather	Marketing	Awareness	Other enterprise	
	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 phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
Mahayogi Gorakhnath Krishi Vigyan Kendra, Chauk Mafi (Peppeganj), Jangal Kaudia, Gorakhpur, (U.P.)	0551-2255453 2255454	0551-2255455	gorakhpurkvk2@gmail.com

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 /Temporary	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	avanishsinghcar@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

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			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.	Boundary 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.	Boundary 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

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 5201)	2017	9.55	2795 hr.	Good Condition
Bolero (UP 53 AG1220)	2019	6.50	101000	Good Condition

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, MGKVK 2. Dr. Atar Singh, Director, ICAR – ATARI, Kanpur 3. Dr. Raghvendra Singh, Principal Scientist, ICAR – ATARI, Kanpur 4. Dr. Sadhana Pandey, Principal Scientist, ICAR – ATARI, Kanpur 5. Dr. Ranjit Singh, Retd. Prof. 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	1. 2. ... 3. 4. ... 5. ... 6. ... 7. ... 8. ... 9. ...	1. 2. ... 3. 4. ... 5. ... 6. ... 7. ... 8.

		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)
A	FIELD CROPS INCLUDING OIL SEEDS AND PULSES			
1.	Paddy	152497	202895	15.26
2.	Maize	3299	4281	12.98
3.	Jowar	27	37	13.70
4.	Bajra	369	-617	16.72
5.	Arhar	8659	4978	5.75
6.	Urd	24	09	3.73
7.	Moong	02	01	2.77
8.	Ground Nut	2547	1508	5.92
9.	Til	75	12	1.62
10.	Wheat	190499	448884	23.89
11.	Barley	708	1388	19.60
12.	Gram	668	544	8.15
13.	Pea	2766	3587	12.97
14.	Lentil	2275	2067	9.08
15.	Mustard	3492	2373	6.80
16.	Linseed	47	02	4.20
17.	Sugarcane	3955	209034	528.53

B	FRUITS			
1.	Banana	6600	264000	40.00
2.	Mango	5500	38500	07.00
3.	Guava	1550	15500	10.00
4.	Litchi	200	13000	06.50
5.	Jamun	100	500	05.00
6.	Papaya	50	500	10.00
7.	Jackfruit	40	360	09.00
8.	Citurs	20	160	08.00
C	VEGETABLES			
1.	Potato	5000	125490	250.90

2.5. Weather data

Month	Rainfall (mm)	Temperature ° 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
September	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			
<i>Crossbred</i>	288765		
<i>Indigenous</i>	186160		
Buffalo	279122		
Sheep			
<i>Crossbred</i>	234		
<i>Indigenous</i>	7660		
Goats	196224		
Pigs			
<i>Crossbred</i>	2864		
<i>Indigenous</i>	15168		
Rabbits			
Poultry			
Hens	682246		
<i>Desi</i>			
<i>Improved</i>			
Ducks			
Turkey and others			
Category	Area	Production	Productivity
Fish	2111	1002529	
<i>Marine</i>			
<i>Inland</i>			
Prawn			
Scampi			
Shrimp			

2.7 Details of Operational area / Villages (31st December, 2023)

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	Sihorawa, Pratappur, Tallikhiya, Rasulpur, Chakiya, Meerpur	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, Mithouri, Kalyanpur, Ramchaura, Bhawanpu	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

3.	Sadar	Bhathat	Sarhare, Tikariya, Jungle dumri Chakjalal Aurangabad	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.	Sahjanwala	Pali	Usri, Madar, Bharpahi, Bhaksa, Musthafabad,	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	Chargawan	Bisunpur, Jangalaurahi, Lakshmipur, Parmeshapur, Jungle Dhushan, Siktora, Maniram, Sonbarshala	Wheat, Arhar, Mustard, Gram, Potato, Tomato, Bottle Gourd, Cucumber, Pumpkin, Ridge Gourd, Banana, Mango	do	do

6.	Sadar	Pipraich	Mohanpur, Baraipur, Bela, Bhaisaha, Gaura, Gopalpur, Kushmi	Arhar, Mustard, Gram, Potato, Tomato, Bottle Gourd, Cucumber, Pumpkin, Ridge Gourd, Banana, Mango, Buffalo	do	do
7.	Chauri Chaura	Sadar Nagar	Bardi, Bhagwanpur, Chaura, Devipur, Sariyaiya, Bhauapar	Rice, Wheat, Arhar, Mustard, Gram, Potato, Tomato, Bottle Gourd, Cucumber, Pumpkin, Ridge Gourd, Banana, Mango, Cow	do	do
8.	Sadar	Khorabar	Bhumihari, Amhiya, Bhaisaha	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		

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 material production
Live stock	Raising productivity of livestock, upgrading genetic potential 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 (bottle gourd, pumpkin, sponge gourd, bitter gourd etc.), groundnut, potato	Introduction of HYV, integrated disease/pest management, integrated nutrient management
Rice, Wheat, Pulses (Pigeon pea, chick pea, lentil, field pea, urd and moong)	Introduction of HYV, Integrated Nutrient Management, Integrated Disease Management, Resource Conservation Technology, Integrated Weed Management, Seed production technology
Cole crop(cauliflower, cabbage), Tomato, Okra, Chilli	Introduction of HYV, integrated pest and disease management, integrated nutrient management

3. TECHNICAL ACHIEVEMENTS

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

OFT (Technology Assessment)				FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)			
1		2		3		4	
Number of OFTs		Total no. of Trials		Area in ha		Number of Farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	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			4		5		6	
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
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	Crop	Name of the technology assessed	No. of trials	No. of farmers
Integrated Nutrient Management	Tomato	Assesment of yield enhancement by the application of zinc and boran in tomato	5	5

Varietal Evaluation	Wheat	Assessment of newly released wheat variety HD 3249	5	5
	Paddy	Assessment of newly released Paddy variety (Pusa sambha-1850)	5	5
	Brinjal	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-Laddu 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 supplementation of Moringa oleifera leaf powder on growth	5	5

		performance of 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 $50 \times 5 = 250$ 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.

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
T ₁ Farmers Practice	5	Crop under cultivation			
T ₂ High yielding hybrid variety Kashi Sandesh					

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		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 Trials	Grain Yield q/ha	% Increase in Yield	Gross Cost Rs/ha	Gross Returns Rs/ha	Net Returns Rs/ha	B:C Ratio
Wheat Variety HD-2967 (Farmers Practice)	05	Crop under cultivation					
DBW HD 3249							

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)	5	42.80	-	51653	2.37
Assessment of HYV Paddy variety Pusa Sambha 1850. (Recommended Practice)		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 going						
Feeding with mineral mixture fertisule bolus and dewarming with albendazole	5							

LIVE STOCK ENTERPRISES

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

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

Table effect of supplementation of Moringa oleifera leaf powder on growth performance 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	On going			
Feeding with mineral mixture fertisule bolus and dewarming with albendazole	5				

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.

Table Performance 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 (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 villages	No. of farmers	Area in ha
1.	Mustard (CFLD)	ICM	Seed (RG-749) + imidacloprid 17.5 + sulphur 80 % WDG@2gm/lit of water	Demonstration, Trainings, Field Day, Literature Distributed, Advisory Services	20	650	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.)

Sl. 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) + imidacloprid 17.5 + sulphur 80 % WDG@2gm/lit of water	Rabi 2023-24	20	20		50	50	
	Mustard (CFLD)	ICM	Seed (RG-749) + imidacloprid 17.5 + sulphur 80 % WDG@2gm/lit of water	Rabi 2022-23	40	40		100	100	
	Mustard	INM	Seed (RG-749) + sulphur 80 % WDG@2gm/lit of water	Rabi 2022-23	2	2		10	10	
	Pigeon pea (C-FLD)	ICM	Seed-6 kg/acre+seed treatment Trichoderma 5 gram/kg+Imazathyper 10%SL @1 lt /ha+Emamectin Benzoate	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

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Mustard (CFLD)	Rabi 2023	irrigated	Sandy loam	L	L	M	Paddy	25 Oct – 23 Nov 23	12-28 March 23		
Pigeon pea	Kharif 2023	RF	Sandy loam	L	L	M	Wheat	25 June – 15 July 2013	8-17 April 2024		
Paddy	Kharif 2023	Irrigator	Sandy loam	L	L	M	Wheat	2-15 July 2023	15-25 Nov 2023		
Wheat Timely sown	Rabi 2023	irrigated	Sandy loam	L	L	M	Paddy	20-30 Nov 2023	8-15 April 2024		
Bitter gourd	Kharif 2023	irrigated	Sandy loam	L	L	M	Wheat	25 June -10 July 2023	25-30 Nov 2023		
Sorghum	Kharif 23	irrigated	Sandy loam	L	L	M	Wheat	25 April - June 2023	20-26 Oct 2023		

Berseem	Rabi 23	irrigated	Sandy loam	L	L	M	Paddy	20 oct - Nov 2023	10-20 April 2023		
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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 Pea	
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
Cauliflower	
1.	HYV var. kashi gobhi – 25 could weight 800- 1000 gm white in color compact less prone to diseases and suitable for intercropping with banana crop.

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 pea	
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	

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 av.-25-30cm, 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 coud weight 800- 1000 gm white in color compact

Extension and Training activities under FLD

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

FLD on Other crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Parameters name (No. of branches, No. of tillers, No. of pods or grains per plant, duration (days), No. of plants/sq mt.)	Result of main parameter				% Advantage	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
							Demo plot			Check plot		Demo					Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
							High	Low	Average			High	Low	Average	Check									
Cereals																								
Paddy																								
Kharif 2023	Varietal	High Yielding Variety	Sambha 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
Waterlogged Situation																								
Coarse Rice																								
Scented Rice																								
Wheat																								
Rabi 2023-24 ongoing	ICM	HYV (DBW 187) with 120:60:40::N:P:K	DBW 187	25	10		Crop under cultivation																	

FLD on Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)				
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)	
Common Carps																		
Composite fish culture																		
Feed Management																		

* 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		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	
3	
4	

FLD on Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.) or Rs./unit				Economics of check (Rs.) or Rs./unit				
				Demo	Check		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																	
Value Addition																	
Vermi Compost																	

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 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	Crop	Technology demonstrated	No. of Farmer	Area (ha)	Major parameters	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit etc.)					
						Demo	Check		Land preparation	Sowing	Weeding	Total	Land preparation	Labour	Irrigation	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		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	

Cereal crop													
Vegetable crop													
Fruit crop													
Other (specify)													

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		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	

III. Natural Farming

1) Crop Harvesting Details

Name of KVK	Crop Details Under Demonstration										Date of Sowing	Date of Harvesting
	Natural farming					Farmer's Practice						
	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)		
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								

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

Name of KVK	Soil data of Demonstrated/KVK Plot	Soil Analysis				Micronutrients				Microbial Analysis				
		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.)
KVK Plot	196.5	11.5	144.4	0.37			0.74	pH-						

								7.04, EC- 0.12						

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

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/repared 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 (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production											
Weed Management											
Resource Conservation Technologies	Crop Residue Management	1	20	0	20	0	0	0	20	0	20
Cropping Systems					0			0	0	0	0
Crop Diversification					0			0	0	0	0
Integrated Farming					0			0	0	0	0
Micro Irrigation/irrigation					0			0	0	0	0
Seed production	Seed Production Technology	2	33	0	33	7		7	40	0	40
Nursery management		0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	production 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 management					0			0	0	0	0
Production of organic inputs					0			0	0	0	0
Others (pl specify)	Integrated Pest and Disease management in Paddy	1	3	0	3	15	2	17	18	2	20
Total		8	134	2	136	22	3	25	156	5	161
II Horticulture											
a) Vegetable Crops											
Production of low value and high valume crops	Use of trellis system in cucumber production for higher income	1	16	0	16	4	0	4	20	0	20
Off-season vegetables					0			0	0	0	0
Nursery raising					0			0	0	0	0
Exotic vegetables					0			0	0	0	0
Export potential vegetables					0			0	0	0	0
Grading and standardization	Use of drip irrigation 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 capsicum in green house for doubling income	1	22	0	22	2	0	2	24	0	24
Others (pl specify)					0			0	0	0	0
Total (a)		4	76	1	77	10	0	10	86	1	87
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 doubling income										
					0			0	0	0	0
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 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)		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 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											
Production and Management technology					0			0	0	0	0
Processing and value 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 addition					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total (e)		0	0	0	0	0	0	0	0	0	0
f) Spices											
Production and Management technology	Cultivation of spices in Gorakhpur district for higher monetary returns				0			0	0	0	0
Processing and value 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	0
g) Medicinal and Aromatic Plants											
Nursery management		0			0			0	0	0	0
Production and management technology					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	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 management					0			0	0	0	0
Integrated Nutrient 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.	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					0			0	0	0	0
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		4	72	2	74	20	0	20	92	2	94
IV Livestock Production and Management											
Dairy Management					0			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 Management	Preparation of balance ration for milch animal	1	22	0	22	0	0	0	22	0	22
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	2	38	0	38	7	0	7	45	0	45
Feed & fodder technology	Green fodder production technology	1	22	0	22	0	0	0	22	0	22
Production of quality 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 empowerment											
Household food security by kitchen	Production of seasonal vegetables	1	0	17	17	0	5	5	0	22	22

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

Farmers' Training including sponsored training programmes (off campus)

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			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			0	0	0	0
Integrated Farming					0			0	0	0	0
Micro Irrigation/irrigation					0			0	0	0	0
Seed production					0			0	0	0	0
Nursery management					0			0	0	0	0
Integrated Crop Management					0			0	0	0	0
Soil & water conservatioin					0			0	0	0	0
Integrated nutrient management					0			0	0	0	0
Production of organic inputs					0			0	0	0	0
Others (pl specify)	Integrated Pest and Disease management in Paddy	1	30	9	39			0	30	9	39
Total		2	51	12	63	3	0	3	54	12	66
II Horticulture											
a) Vegetable Crops											
Production of low value and high valume crops					0			0	0	0	0
Off-season vegetables					0			0	0	0	0
Nursery raising					0			0	0	0	0
Exotic vegetables					0			0	0	0	0
Export potential vegetables					0			0	0	0	0
Grading and standardization					0			0	0	0	0
Protective cultivation					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

	doubling income										
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 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											
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 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 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 addition					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total (e)		0	0	0	0	0	0	0	0	0	0
f) Spices											
Production and Management technology	Cultivation of spices in Gorakhpur district 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 management technology					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 Fertility Management											
Soil fertility management					0			0	0	0	0

Integrated water management					0			0	0	0	0
Integrated Nutrient 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.	2	28	8	36	2	2	4	30	10	40
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	Balance use of fertilizers	1	10	10	20	4	3	7	14	13	27
Soil and Water Testing					0			0	0	0	0
Others (pl specify)	Introduction to Natural farming, Introduction to Natural farming.	1	1	17	18	0	2	2	1	19	20
Total		4	39	35	74	6	7	13	45	42	87
IV Livestock Production and Management											
Dairy Management	1. Ideal animal 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					0			0	0	0	0
Piggery Management					0			0	0	0	0
Rabbit Management					0			0	0	0	0
Animal Nutrition Management					0			0	0	0	0
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	2	44	0	44	8	0	8	52	0	52
Feed & fodder technology					0			0	0	0	0
Production of quality animal products					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total		4	86	0	86	16	0	16	102	0	102
V Home Science/Women empowerment											
Household food	Production of	1	0	18	18	0	4	4	0	22	22

XI Agro-forestry											
Production technologies											
Nursery management											
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 (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			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	Crop Residue Management	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 Irrigation/irrigation		0	0	0	0	0	0	0	0	0	0
Seed production	Seed Production 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 Management	production 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 management		0	0	0	0	0	0	0	0	0	0
Production of organic inputs		0	0	0	0	0	0	0	0	0	0
Others (pl specify)	Integrated Pest and 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											
a) Vegetable Crops											
Production of low value and high volume crops	Use of trellis system in cucumber 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 vegetables		0	0	0	0	0	0	0	0	0	0
Grading and standardization	Use of drip irrigation 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

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 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	0	0	0	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		0	0	0	0	0	0	0	0	0	0
Integrated Nutrient 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 Efficiency		0	0	0	0	0	0	0	0	0	0
Balance use of fertilizers	Balance use of 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		8	111	37	148	26	7	33	137	44	181
IV Livestock Production and Management											
Dairy Management	1. Ideal animal husbandry through scientific method for income generation 2. Care and management of livestock during winter season	2	42	0	42	8	0	8	50	0	50
Poultry Management		0	0	0	0	0	0	0	0	0	0
Piggery Management		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

Production of Bee-colonies and wax sheets												
Small tools and implements												
Production of livestock feed and fodder												
Production of Fish feed												
Mushroom Production												
Apiculture												
Others (pl specify)												
Total												
X Capacity Building and Group Dynamics												
Leadership development												
Group dynamics												
Formation and Management of SHGs												
Mobilization of social capital												
Entrepreneurial development of farmers/youths												
WTO and IPR issues												
Others (pl specify)												
Total												
XI Agro-forestry												
Production technologies												
Nursery management												
Integrated Farming Systems												
Others (pl specify)												
Total												
GRAND TOTAL			48	606	298	904	120	68	188	726	366	1092

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

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	Nursery Management of Horticulture crops	1	14	0	14	2	0	2	16	0	16
Training and pruning of orchards		0		0			0	0	0	0	0
Protected cultivation of vegetable crops		0		0			0	0	0	0	0
Commercial fruit production		0		0			0	0	0	0	0
Integrated farming		0		0			0	0	0	0	0
Seed production	Seed production of paddy	1	11	0	11	4		4	15	0	15
Production of organic inputs		0		0			0	0	0	0	0
Planting material production		0		0			0	0	0	0	0
Vermi-culture		0		0			0	0	0	0	0

Mushroom Production											
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											
Poultry production											
Ornamental fisheries											
Composite fish culture											
Freshwater prawn culture											
Shrimp farming											
Pearl culture											
Cold water fisheries											
Fish harvest and processing technology											
Fry and fingerling rearing											
Any other (pl.specify)											
TOTAL											

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

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	Nursery Management of Horticulture 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 production 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	Mushroom production Technology	1	14	0	14	2	0	2	16	0	16

Bee-keeping		0			0			0	0	0	0
Sericulture		0			0			0	0	0	0
Repair and maintenance of farm machinery and implements		0			0			0	0	0	0
Value addition	Value addition of Fruit And Vegetables	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	Agarbatti training	1	0	12	12	0	3	3	0	15	15
Production of quality animal products		0			0			0	0	0	0
Dairying		0			0			0	0	0	0
Sheep and goat rearing	Commercial 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			0	0	0	0
Freshwater prawn culture		0			0			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 technology		0			0			0	0	0	0
Fry and fingerling rearing		0			0			0	0	0	0
Any other (pl.specify)		0			0			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)

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			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	8	3	11	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 horticulture crop	1	11	6	17	4	0	4	5	6	11

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

Name of KVK	Message Type	Type of Messages						Total
		Crop	Livestock	Weather	Marketing	Aware-ness	Other enterprise	
	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			
	Farm Visit			
	Diagnostic Practicals			
	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

Production of seeds by the KVKs

Crop	Name of the crop	Name of the variety	Name of the 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						

Pulses						
	Pigeon Pea	IPA 203		8	80000	
Commercial crops						
Vegetables						
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						
Others						
Total					204766900	

Production of planting materials by the KVKs

Crop	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 Taru, Kashi Anmol, Kashi Aman, Kashi Sandesh, Kalash, ALR		22355	4190	31
Fruits						
	Papaya	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

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

Table: Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
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 (No.)	Visit by officials (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	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

Crops/cultivars and gist of resource conservation technologies introduced	Area (ha)	Number of farmers
Total		

Awareness campaign

	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of 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			

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

a) CRM Machinery status of the CRM KVKs

Name of machine	Name of machine procured	No. of demo conducted	Area covered (ha)	No. of farmers covered	Result					
					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/ Shredder / Mulcher										
Zero Till Drill										
Rotavator										
Tractor										
Total										

S.No	Name of the Machine/ Equipment	No. of machines procured
1	Happy Seeder	
2	Reversible M.B. Plough	
3	Paddy Straw Chopper/ Shredder / 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	

6) Achievement under IFS KVKs

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

7) Activities performed under NARI programme

Table-7.1: Details of activities performed under NARI programme

Nutritional Garden		Bio-fortified crops		Value addition		Training programmes		Extension activities	
No of Established	No. of farmers/beneficiaries	No of activity	No. of farmers/beneficiaries	No of activity	No. of farmers/beneficiaries	No of activity	No. of farmers/beneficiaries	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			

10) Achievements under ARYA Project

Name of entrepreneurial units	No. of entrepreneurial units established	No. of Training programs organised	No. of rural youth trained		No. of youth established units	
			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 (F/S, C/S)	Distributed to No. of farmers
			Target (q)	Area sown (ha)	Actual Production (q)		
Kharif	Black gram						
	Green Gram						
	Pigeon pea						
Total (Kharif)							
Rabi	Chick pea						
	Field pea						

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

12) Achievements under Swachhata Abhiyan Mission

S.No.	Items	No. of Programmes	No. of persons 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 painting 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 mixture	
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.

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