PROFORMA FOR PREPARATION OF ANNUAL REPORT (Jan. to Dec., 2022)

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	50	517	782	1299
Rural youths	2	11	21	32
Extension functionaries	2	-	37	37
Sponsored Training	5	171	29	200
Vocational Training	1	5	-	5
Total	**60**	**704**	**869**	**1573**

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	90	38.3	
Pulses	225	90	
Cereals	45	17	
Vegetables	44	3	
Other crops			
Hybrid crops			
Total	**404**	**148.3**	
Livestock & Fisheries	26		
Other enterprises	77	1	
Total	103	1	
Grand Total	**507**	**149.3**	

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	5	50	50
Livestock			
Various enterprises	2	54	54
Total	**7**	**104**	**104**
Technology Refined			
Crops			
Livestock			
Various enterprises			
Total			
Grand Total	**7**	**104**	**104**

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	395	13356
Other extension activities	93	-
Total	**488**	**13356**

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marketing	Awareness	Other enterprise	Total
	Text only	68	11	26	20	56		162
	Voice only							
	Voice & Text both							
	Total Messages	**68**	**11**	**26**	**20**	**56**		**162**
	Total farmers Benefitted	**Mass**	**Mass**	**Mass**	**Mass**	**Mass**		

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	135.24	254518
Planting material (No.)	185450	27817
Bio-Products (kg)	3600	24000
Livestock Production (No.)	8	7000
Fishery production (No.)		

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil	195	-
Water		
Plant		
Total	**195**	**-**

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	04
2	Conferences	02
3	Meetings	38
4	Trainings for KVK officials	02
5	Visits of KVK officials	42
6	Book published	02
7	Training Manual	01
8	Book chapters	02
9	Research papers	03
10	Lead papers	01
11	Seminar papers	
12	Extension folder	03
13	Proceedings	03
14	Award & recognition	02
15	On going research projects	05

DETAIL REPORT OF APR-2022

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
KVK, Belatal, Mahoba	Office	FAX	kvkmahoba@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
Banda Univ. of Agric. & Tech., Banda	0519-232308		vc.buat@gmail.com buat.dee@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Mukesh Chand	Belatal, Mahoba	9451333378	kvkmahoba@gmail.com

1.4. Year of sanction: 2004

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

Sl. No.	Sanctioned post	Name of the incumbent	Design-ation	Subject	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Perman-ent /Temp-orary	Category (SC/ST/ OBC/ Others)	Mobile no.	Age	Email id
1	Programme Coordinator	Dr. Mukesh Chand	Sr. Scientist cum Head	Soil Science	37400-67000+9000	152300	11.12.2017	Permanent	Gen.	9451333378	55	mukesh_chand12@yahoo.com
2	Subject Matter Specialist	Dr. M.P. Singh	SMS	Agri. Extension	15600-39100	87400	13.12.2017	Permanent	Gen.	9451367368	42	
3	Subject Matter Specialist	Dr. Amrita Singh	SMS	Home Science	15600-39100	65000	16.12.2017	Permanent	Gen.	9457695428	37	amritaalko@gmail.com
4	Subject Matter Specialist	Dr. Brijesh Pandey	SMS	Horticulture	15600-39100	69000	23.01.2018	Permanent	Gen.	9430955950	37	mr.brijeshpandey@gmail.com
5	Subject Matter Specialist	Dr. Gaurav	SMS	Agronomy	15600-39100	61300	15.02.2018	Permanent	SC	9415295756	29	gauraviasbhu@gmail.com
6	Subject Matter Specialist	Vacant	SMS	Animal Hus.								
7	Subject Matter Specialist	Vacant	SMS	Plant Protection								
8	Programme Assistant	Mr. Gufran Ahmad	Prog.Asst. (FM/LT)	-	9300-34800	39900	26.12.2017	Permanent	OBC	9870942077	24	gufranggg72@gmail.com
9	Farm Manager	Vacant										
10	Computer Programmer	Smt. Alka Mishra			9300-34800	41100	14.12.2017	Permanent	Gen	7985416081	31	mishra.alka4@gmail.com
11	Accountant / Superintendent	Mr. Shurabh Shukla			9300-34800	41100	11.12.2017	Permanent	Gen	9005339706	27	shuklasaurabh.banda94@gmail.com
12	Stenographer	Mr. Ashish Dixit			5200-20200	29600	11.12.2017	Permanent	Gen	9918238531	35	dashish455@gmail.com
13	Driver	Mr. Rahul Mishra		Driver	5200-20200	25200	11.12.2017	Permanent	Gen	6393198838	32	rahulmishra4580@gmail.com
14	Driver	Mr. Sriram Yadav		Driver	5200-20200	25200	11.12.2017	Permanent	OBC	7398520921	33	raam74992@gmail.com
15	Supporting staff	Smt. Ankita Nigam		Supporting Staff	5200-20200	18000	25.06.2022	Permanent	Gen	8399389394	32	avinash.mskjuat@gmail.com
16	Supporting staff	Mr. Sharad		Attendant			9.12.2022	Temporary				

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	1.0
2.	Under Demonstration Units	0.5
3.	Under Crops	7.0
4.	Orchard/Agro-forestry	1.5
5.	Others (specify)	1.0
Total		**11.0**

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Lakh Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	2018	500	98.35	2009		Completed
2.	Farmers Hostel	ICAR	2018	5th March, 2005				Completed
3.	Staff Quarters (6)	ICAR	-	Not Completed				Not Completed
4.	Demonstration Units (2)	ICAR	2010					Completed
5	Farm Fencing	ICAR	2019					Completed
6	Rain Water harvesting system	ICAR/MANREGA	2021					Completed
7	Threshing floor	ICAR	-	Not Completed				Not Completed
8	Farm godown	-	-					

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Marshal	2003	-	1,65,000.00	Very old, need to be replaced
Tractor	2004	-	1,30,000.00	Workable
Motorcycle	2010	-	45000.00	Workable

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Photo Copy Machine	2001	62000.00	Unusable
Computer + Printer	13.08.2007	42838.00	Unusable
Over Head Projector	2001	13000.00	Not in use
Almirah (6)	2001	18210.00	Good
Other :			
Tractor Trolley (one)	2001	40000.00	Usable
Cultivator (one)	2001	9000.00	Unusable
Labeler (one)	2001	6000.00	Good
Zero till machine (one)	2001	24000.00	Unusable
Harrow (one)	2001	12500.00	Usable
Computer Table (Two)	2001	11960.00	Reliable
Printer Table (one)	2001	2445.00	Reliable
Computer Chair with Arm (Two)	2001	4776.00	Unusable
Computer Chair Without Arm (Two)	2001	3400.00	Unusable
Chief Executive Table (one)	2001	3820.00	Reliable

Executive Table (Eight)	2001	20384.00	Reliable
Official Chair (Five)	2001	2990.00	Reliable
Other Chair (Seventy Four)	2001	24790.00	Reliable
Soil testing kit (Mini lab)	31.3.2017		Good
Revolving Chair (1)	12.06.2018		Good
Visitor Chair (10)	12.06.2018		Good
K-Yan (Small LCD projector)	30.06.2018		Good
600 VA UPS	30.06.2018		Unusable
1TB External HDD	30.06.2018		Good
Inverter 900 VA	30.06.2018		Good
Inverter Battery 180 AH	30.06.2022		Good
TV LED 48 Inch	30.06.2018		Good
Solar pump 2HP	18.4.2018		Good
Solar Street light (6)	18.4.2018		Good
Solar Street light (5)	30.8.2018		Good
Office table (Zuari-8)	30.8.2018		Good
Visitor chairs (12)	30.8.2018		Good
Office chairs revolving (6)	30.8.2018		Good
Seed drill (1)	20.7.2019		Good
Raised bed planter	March, 2021		Good
Laptop (2)	March, 2019, March,2021		Good

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

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
1.	01.12.2022	1. Prof. (Dr.) N.P. Singh, HVC, BUA&T, Banda 2. Dr. I.P. Singh, PC, Pigeonpea, ICAR-IIPR, Kanpur. 3. Dr. N.K. Bajpai, Director Extension, BUAT, Banda 4. Dr. Narendra Singh, Assoc DE, BUAT, Banda 5. Dr. Anand Singh, Assoc DE, BUAT, Banda. 6. Dr. Mukesh Chand, Head, KVK, Mahoba 7. Dr. Mayank Duby, Assistant Prof. Vet, BUAT Banda. 8. Dr. Om Prakash, CVO, Mahoba 9. Dr. V.P. Singh, DAO, Mahoba 10. Dr. Ramesh Pathak, DHO, Mahoba 11. Dr. S.B. Singh, In-charge RARS, Belatal, Mahoba 12. Dr. S.K. Sachan, Vet. Officer, Kulpahad, Mahoba 13. Mr. R.K. Singh, Inspector,Fisheries, Mahoba 14. Mr. Bhagwat Saran Sullere, Farmer, Mangrol,Mahoba 15. Mrs. Soma Devi, Krishi Sakhi, Budhora, Mahoba 16. Mr. Ravi Vyas, Agri clinic, Jaitpur, Mahoba 17. Dr. Brijesh Pandey, SMS, Hort., KVK, Mahoba. 18. Dr. Amrita Singh, SMS, H.Sc., KVK, Mahoba 19. Mr. Saurabh Shukla, Assitant, KVK, Mahoba 20. Mrs. Alka Mishra, Prog. Assit. (Comp.), KVK, Mahoba. 21. Mr. Ashish Dixit, Stenographer, KVK, Mahoba.	1. To inclusion of farmer's feedback in result of OFT/FLD in the report. 2. Promotion of improved varieties of fodder crops in the district. 3. Promotion of bio-fortified varieties to combat malnutrition problem in the district. 4. Inclusion of data in OFT on varietal trial of fruits and vegetable crops. OFT on tomato has to be taken up for one more year. 5. Addition of medicinal and aromatic crops in crop cafeteria. 6. To promote the cultivation and value addition of medicinal plants and seed spices. 7. To promote millets and their value addition. 8. To promote kitchen garden along with other technologies for establishing nutri-smart village and climate resilient technologies.	1. Action has to be taken and included in the next year action plan. 2. … 3. …. 4. … 5. … 6. … 7. … 8. … …

2. DETAILS OF DISTRICT (31st December, 2022)

2.1 Major farming systems/enterprises (based on the analysis made by the KVK)

S. No	Farming system/enterprise
1	Fallow – Chickpea + Mustard, Urd – Wheat + Mustard, Sesame – Pea, Fallow – Pea, Groundnut – Wheat, Pigeon pea + Sorghum, Groundnut – Gram, Pea/Gram – Sugarcane and some vegetable are in cropping sequence.
2	People keep indigenous breeds of buffaloes and cow with Bundelkhandi goats
3	Fruit based farming systems are being adopted by progressive farmers.

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

S. No	Agro-climatic Zone	Characteristics
1	Zone VI	The most covered area with Vindhyan hills and is also a part of Central India. Net cultivated land 236000 ha Cropping intensity 111.8 per cent, Forest 15.4 per cent

2.3 Soil types

S. No	Soil type	Characteristics	Area in ha
1	Parwa	These soils are deep to very deep in textured, rich in nutrient and poor in bases with a preordered of calcium in the surface.	43%
2	Rakar	Skeletal litchis assortments and skeletal litchis soils and coarse to medium in texture with more than 35% gravels. Poor in organic matters, nutrients status and bases they supports rainfed crops are moderately eroded.	7%
3	Kabar	In local parlance these soil called Kabar at present they supporting various *Rabi* and *Kharif* crops. suitable for growing of wheat, barley, Jowar, Arhar etc. These soil are very deep, light blackish brown to yellowish brown and radish brown to medium black in colour.	44%
4	Mar	These soil are very deep and dark black in color having lower chroma they are slightly eroded and support very good crops like jowar, wheat, oilseeds and pulses. Soils having very good water holding capacity.	6%

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

S. No	Crop	Area (ha)	Production (th. MT)	Productivity (Qtl /ha)
1	Wheat	71779	194.394	27.08
2	Barley	4980	9.178	18.43
3	Chickpea	64524	65.944	10.22
4	FieldPea	29223	41.760	14.29
5	Lentil	29135	20.074	6.89
6	Mustard /Rai	6475	4.384	6.77
7	Linseed	7048	3.651	5.18
8	Pigeon pea	3591	2.230	6.42
9	Sesame	29994	5.939	1.98
10	Groundnut	6862	9.751	14.21
11	Black gram	41829	0.648	1.73
12	Green Gram	7841	1.628	1.94
13	Paddy	243	0.598	23.62

2.5. Weather data -2022

Month	Rainfall (mm)	Temperature ^{0} C		Relative Humidity (%)
		Maximum	Minimum	
January	0.0	20.5	6.2	73.4
February	0.0	34.1	17.8	61.2
March	0.0	36.6	19.8	50.1
April	0.0	37.4	21.3	34.0
May	**0.0**	43.2	26.3	40.3
June	11.0	36.7	27.2	52.9
July	131.1	32.9	26.2	76.0
August	193.1	20.5	24.2	82.9
September	131.2	33.2	22.3	82.5
October	128.6	28.3	21.0	63.9
November	0.0			
December	0.0			
Total	**595.0**			

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

Category	**Population**	**Production**	**Productivity**
Cattle			
Crossbred	299		
Indigenous	227728		
Buffalo	136008		
Sheep			
Crossbred	0		
Indigenous	14586		
Goats	162623		
Pigs	0		
Crossbred	370		
Indigenous	21001		
Rabbits			
Poultry :			
Hens	65285		
Desi			
Improved			
Ducks	1530		
Turkey and others			
Category	**Area**	**Production**	**Productivity**
Fish			
Marine			
Inland			
Prawn			
Scampi			
Shrimp			

2.7 Details of Operational area / Villages (31st December, 2022)

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Kulpahar	Jaitpur	Thurat Mangraul Kala, Mangaroul Khurd Budhaura Budhwara,	Urd, Moong, Arhar, Til, Gram, Pea, Wheat, Mustard, Brinjal and Animal Husbandry	Rainfed farming. Broad Casting, No use of organic manure, seed treatment Lack of quality seed.	Availability, distribution and production of quality seed. Use of NADEP and Vermi-compost
2	Kulpahar	Jaitpur	Pathari, Sugira Khairatiya Bharwara Lamaura Tikariya Dhawarra Ladpur Mohari, Atarpatha Simor, Jaitpur	Groundnut, Urd, Moong, Arhar, Til, Gram, Pea, Wheat, Mustard, Brinjal and Animal Husbandry	Rainfed farming. Imbalance use of fertilizer, Late sowing, No use of weedicide, seed treatment Lack of quality seed.	Introduction of bio-fertilize & fertilizer. Scheduling of Irrigation Availability, distribution and production of quality seed. Use of NADEP and Vermi-compost, Natural farming and formed FPO under NCDC
3	Kulpahar	Panwari	Devganpura Pathakpura Churari Charua Panwari Dadari, Ghatera, Konia	Groundnut, Urd, Moong, Arhar, Til, Gram, Pea, Wheat, Mustard, Brinjal and Animal Husbandry, tulsi	Rainfed farming. Imbalance use of fertilizer, Late sowing, No use of weedicide, seed treatment Lack of quality seed, No use of hybrid varieties of vegetable crops	Availability, distribution and production of quality seed. Use of NADEP and Vermi-compost
4.	Mahoba	Kabrai	Sijhari, Bilwai, Shri Nagar, Alampura, Kabarai, Sinchaura, Lilwahi	Groundnut, Urd, Moong, Arhar, Til, Gram, Pea, Wheat, Mustard, Brinjal and Animal Husbandry	Rainfed farming. Imbalance use of fertilizer, Late sowing, No use of weedicide, seed treatment Lack of quality seed, No use of hybrid varieties of vegetable crops	Availability, distribution and production of quality seed. Use of NADEP and Vermi-compost
5.	Charkhari	Charkhari	Gudha, Kakun, Supa, charkhari,	Groundnut, Urd, Moong, Arhar, Til, Gram, Pea, Wheat, Mustard, Brinjal and Animal Husbandry	Rainfed farming. Imbalance use of fertilizer, Late sowing, No use of weedicide, seed treatment Lack of quality seed, No use of hybrid varieties of vegetable crops	Availability, distribution and production of quality seed. Use of NADEP and Vermi-compost

2.8 Priority/thrust areas

Crop/Enterprise	Thrust area
Pulses, oilseed, and Vegetable crops	Rain water management using watershed approach especially for high yielding, short duration and drought tolerant varieties of pulses, oilseeds, cereals and vegetables. use of micro irrigation system .
Ber, Guava, Aonla , Citrus	Need to rejuvenate of old orchard and budding of old stalks , Need to introduce new varieties
Beal	Need to introduce new varieties
Soil health	Popularization of Vermi and NADEP compost to nourish the soil and as part of integrated plant nutrient management, awareness to soil testing and soil health.
Self-employment	Formation of self-help groups (SHGs) of farmers and farm women, value addition of the products and FPO.
Animal Husbandry	Animal Breeding of improved breed like tharparkar, sahiwal, introduction of nutritious feed and green fodder, Improved breed of goatery (Jakhrana) and poultry (Karaknath)

* An example for guidance only

2.9 Intervention/ Programmes for the doubling the farmers income –(Jan 2022-Dec. 2022) **Demonstrations**

Before Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent Yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Intercropping System(Kharif-Rabi-Zaid) -Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Intercropping System(Kharif-Rabi-Zaid) -Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Before Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Mono Cropping System(Kharif-Rabi-Zaid) -Livestock etc.							
Chickpea	14.1	-	-	73554	46054	2.67	
Field pea	15.0	-	-	26500	41108	2.55	
Wheat	28.9	-	-	25600	48003	2.88	
Barley	26.9	-	-	23600	25659	2.09	

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Mono Cropping System(Kharif-Rabi-Zaid) -Livestock etc.							
Chickpea	18.3	-	-	28800	66762	3.32	
Field Pea	20.03	-	-	27600	57542	3.08	
Mustard	18.93	-	-	21500	74086	4.45	
Wheat	36.53	-	-	25600	48003	2.88	
Barley	30.13	-	-	22400	21627	1.97	

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Before Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Relay Cropping System(Kharif-Rabi-Zaid) -Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease)

After Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Relay Cropping System(Kharif-Rabi-Zaid)-Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Before Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Mixed Farming System(Kharif-Rabi-Zaid)-Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Mixed Farming System(Kharif-Rabi-Zaid) -Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Before Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
IFS System(Kharif-Rabi-Zaid) - Livestock etc.							
Black gram	4.4	27720	-	19900	7820	2.1	
Chickpea	13.6	71128	-	28600	42528	2.5	
Field pea	11.8	54280		25840	28440	1.8	
Buffalo	750 lts./annum			32000	17500	1.6	

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
IFS System(Kharif-Rabi-Zaid) - Livestock etc.							
Black gram	9.40			20500	38573	2.80	
Chickpea	20.2			26750	71150	3.70	
Field Pea	19.3			23125	37517	2.70	
Mustard	21.6			19580	43660	3.20	
Kharif Onion	189.1			129000	154650	2.20	
Brinjal-summer	428.31			120000	308310	3.57	
Tomato- Arka Samrat	576.6			120000	283620	3.36	
Buffalo	900 lts/annum		900 lts./annum	40500	21000	2.13	

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Note- Same format may be used for OFT.

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities by KVK during 2022

OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)			
1				2			
Number of OFTs		Total no. of Trials		Area in ha		Number of Farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
5	7	25	104	100	149.3	250	507
5	**7**	**25**	**104**	**100**	149.3	250	507

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
3					4			
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Farmers	100	50	2000	1299	220	395	7218	13356
Rural youth	2	2	30	32				
Extn. Functionaries	2	2	30	37				
Others	6	6	205	205		93		
Total	**110**	**60**	**2065**	**1573**	**220**	**488**	**7218**	**13356**

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
1000	982.6	215	20000	186140	171
Total	**982.6**	**215**	**20000**	**186140**	**171**

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				
Varietal Evaluation	1	3	9	9
Integrated Pest Management				
Integrated Crop Management	2	2	19	19
Integrated Disease Management				
Small Scale Income Generation Enterprises				
Weed Management				
Resource Conservation Technology				
Farm Machineries				
Post Harvest Technology / Value addition	1	1	15	15
Drudgery Reduction	1	1	7	7
Storage Technique				
Others (Pl. specify)				
Total			**50**	**50**

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				
Evaluation of Breeds				
Feed and Fodder management				
Nutrition Management				
Production and Management				
Others (Pl. specify)				
Total				

Summary of technologies assessed under various enterprises by KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers
Value Addition	Paneer, aonla, Badi, Flour	2	54	54

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.

I.B. TECHNOLOGY REFINEMENT

Summary of technologies refined under various crops by KVKs

Thematic areas	Crop	Name of the technology refined	No. of trials	No. of farmers
Integrated Nutrient Management				
Varietal Evaluation				
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				
Value addition				
Drudgery Reduction				
Storage Technique				
Others (Pl. specify)				
Total				

Summary of technologies refined under various livestock by KVKs

Thematic areas	Name of the livestock enterprise	Name of the technology refined	No. of trials	No. of farmers
Disease Management				
Evaluation of Breeds				
Feed and Fodder management				
Nutrition Management				
Production and Management				
Others (Pl. specify)				
Total				

Summary of technologies refined 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 refined 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.

I.C. TECHNOLOGY ASSESSMENT AND REFINEMENT 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)

OFT-1
VARIETAL EVALUATION

Problem definition:*Evaluation of tomato varieties resistance to leaf curl virus and wilt during Kharif season.*

Technology Assessed: Tomato varieties – Arka Samrat, A. Rakshak, A. Abhed

A farm trial was conducted by KVK, Mahoba during Kharif, 2021 to assess the performance of tomato varieties resistance to leaf curl virus and wilt during Kharif season. Tomato variety Arka Abhed produced highest marketable yield (319.15qtls./ha) followed by Arka Samrat (298.25qtls./ha) While the variety Arka Rakshak produced lowest yield of tomato i.e.244.10 q /ha.

Results: Performance of different varieties

Technology Option	***No. of trials***	***Fruit wt.(g)***	***Yield (t/ha)***	***Net Returns (Rs. in lakh./ha)***	***BCR***
Tomato ArkaSamrat	*07*	*78.2*	*298.25*	*341850*	*2.75*
Tomato ArkaRakshak		*84.5*	*244.10*	*171150*	*1.88*
Tomato ArkaAbhed		*81.2*	*319.15*	*347555*	*2.78*

OFT 2

Problem definition: To Assess the effect of sea weed extract on the yield of brinjal

Technology Assessed: Tomato varieties – applicationof sea weed extract (Sagarika) 2.5 ml/L, 3 spray

A on farm trial was conducted by KVK, Mahoba during Summer, 2022 to assess the performance of sea weed extract on the yield of brinjal *during Summer season. Treated plots produced better yield (428.31qtls./ha) than farmers practice (336qtls./ha).*

Results: Performance of different varieties

Technology Option	***No. of trials***	***Fruit wt.(g)***	***Yield (t/ha)***	***Net Returns (Rs. in lakh./ha)***	***BCR***
Farmer's practice (irrigation)	*13*	*74.60*	*336*	*224000*	*3.0*
Treatment- sea weed extract (Sagarika)- 2.5 ml/L, 3 spray		*96.8*	*428.31*	*308310*	*3.57*

OFT 3
DRUDGERY REDUCTION

Problem definition: *assessment of weeding tools for drudgery reduction among farm women*

Technology Assessed or Refined: *weeding tool: Bicycle weeder*

An on farm trial was conducted by KVK, Mahoba to assess the performance of weeding tool for drudgery reduction among farm women of district. Bicycle weeder reduced the energy expenditure from 10.36 to 6.86 kj/min. and heart rate upto12 beats/min. Average of percent increase in efficiency was 76.96 and Average of percent reduction in drudgery was 33.78 with use of bicycle weeder.

Table: Effect of weeding tool (bicycle weeder) on body drudgery reduction among farm women

Technology Option	*No.of trials*	*Average of output (m^2/hr)*	*Average of % increase in efficiency*	*Average WHR (beats/min.)*	*Est. energy expenditure (kj/min.)*	*Average of % reduction in drudgery*	*Cardiac cost of work*
T_1 – Farmers practice (manual weeding by use of *khurpi*)	*7*	*36*	-	*120.5*	*10.36*	-	*42.5*
T_2 – Bicycle weeder		*156.25*	*76.96*	*98.5*	*6.86*	*33.78*	*20.5*

OFT-4
CHILD CARE/VALUE ADDITION

Problem definition: *Preparation of low cost nutritious weaning food for infants in Bundelkhand region*

Technology Assessed or Refined: *weaning food for 6-12 month infants*

KVK, Mahoba in Uttar Pradesh conducted on-farm trial on preparation of low cost nutritious weaning food for infants in Bundelkhand region. The prepared weaning food (wheat-55 gm + Bengal Gram -20 gm + linseed-05 gm + potato powder-20 gm) was appreciated by the mothers and found effective nutritious food in growth of infants as gain in weight was found 4.65 kg and 7.7 cm in height.

Table Effect of prepared weaning food on body growth of infants after 06 moth of use

Technology Option	*No. of trials*	*Body weight gain (kg)*	*Body height gain (cm)*	*Cost of weaning food (Rs./100g)*	*Sensory parameter score (over all acceptability)*
T_1 - Traditional practice – milk feeding	*4*	*3.4*	*7*	--	-
T_2 - Prepared weaning food (wheat-55gm + Bengal Gram -20 gm +linseed-05gm + potato powder-20gm) + milk (For six months)		*4.65*	*7.7*	*50*	*9*

OFT-5

DRUDGERY REDUCTION

Problem definition: *assessment of groundnut stripper for drudgery reduction among farm women*

Technology Assessed or Refined: *groundnut stripper*

An on farm trial was conducted by KVK, Mahoba to assess the performance of groundnut stripper for drudgery reduction among farm women of district. groundnut stripper reduced the energy expenditure from 7.98 to 6.94 kj/min. and heart rate upto 7 beats/min. Average of percent increase in efficiency was 67.92 and Average of percent reduction in drudgery was 10.78 with use of groundnut stripper .

Table: Effect of weeding tool (bicycle weeder) on body drudgery reduction among farm women

Technology Option	***No.of trials***	***Average of output (m^2/hr)***	***Average of % increase in efficiency***	***Average WHR (beats/min.)***	***Est. energy expenditure (kj/min.)***	***Average of % reduction in drudgery***	***Cardiac cost of work***
T_1 – Farmers practice (Hand separation of groundnut pod)	*7*	*3.4*	-	*105*	*7.98*	-	*29*
T_2 – Groundnut stripper		*10.6*	*67.92*	*98.5*	*6.94*	*10.78*	*22.5*

II. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2016-17 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.	Wheat	Crop Imp.	ICM (HD2329)	Cluster demons. High yielding short duration varieties	12	241	561
2	Barley	Crop Imp.	ICM (BHS-400)	Cluster demons. High yielding short duration varieties	10	154	240
3	Wheat	Crop Imp.	ICM (K-1317)	Cluster demons. High yielding short duration varieties	12	286	358
4	Kharif onion	Crop Imp.	ICM (L883)	Demonstration under NHM by subsidized inputs	5	15	28
5	Tomao	Crop Imp.	ICM (Arka Samrat)	Demonstration under NHM by subsidized inputs	10	23	10
6	Veg. kit	Crop Imp.	ICM (Kit)	Cluster demons. High yielding short duration varieties	40	355	12
7	Mustard	Crop Imp.	ICM (Giriraj)	Cluster demons. High yielding short duration varieties	155	1085	450
8	Chickpea	Crop Imp.	ICM (JG-14, RVG-202, 203)	Cluster demons. High yielding short duration varieties	54	270	152
9	Fieldpea	Crop Imp.	ICM (IPFD10-12)	Cluster demons. High yielding short duration varieties	152	380	665
10	Lentil	Crop Imp.	ICM (IPL-316)	Cluster demons. High yielding short duration varieties	50	168	335

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

b. Details of FLDs implemented during **2022** (Information is to be furnished in the following **three tables** for **each category** i.e. **cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops**.)

1. Oilseed 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	
1.	Groundnut	Seed treatment	Seed treatment	*Kharif* 2022	10	10	05	20	25	
2.	Sesame	ICM/Varietal evaluation	RT -351, GT -06	*Kharif* 2022	10	10	0	25	25	
3	Mustard	ICM/Varietal evaluation	ICM/ RH-749	*Rabi*, 2021-22	10	10	3	22	25	

2. Pulse 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	
1.	Pigeon pea	ICM/Varietal evaluation	Improved Variety /IPA-203	*Kharif*, 2021	10	10	06	19	25	
2.	Chick pea	ICM/Varietal evaluation	Improved Variety/RVG-202	*Rabi* 2021-22	10	10	04	21	25	
3.	Field pea	ICM/Varietal evaluation	Improved Variety/Aman,	*Rabi* 2021-22	10	10	02	23	25	
4.	Lentil	ICM/Varietal evaluation	Improved Variety IPL 316	*Rabi* 2021-22	10	10	04	21	25	

3. Other than Oilseed and Pulses

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	
1.	Wheat	Varietal evaluation	K1317, DBW-107	*Rabi*, 2021-22	10	10	3	22	25	
2.	Barley	Varietal evaluation	BHS-400	*Rabi*, 2021-22	08	08	6	14	20	
3.	Fodder	Fodder cultivation	Oat –Kent, Berseem BB3	*Rabi*, 2021-22	2	2	01	09	10	
4.	Tomato	Varietal evaluation	F1 Hyb. Arka Samrat	*Rabi 2021-22*	1	1	01	29	30	
5.	Onion	Varietal evaluation	L-883	*Kharif,2021*	1	1	1	02	03	
6.	Kitchen Garden	Nutrition garden	Kharif, Rabi & Summer Vegetables	Kharif, Rabi & Summer, 2021-22	1	1	06	94	100	

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					
Sesame	*Kharif*, 2022	Rainfed	Padwaand Kabar	Low	Low	Medium	Chickpea	05.07. 2022-15.07. 2022	22.09. 2022 – 29.09. 2022	595	25
Mustard	*Rabi* , 2021-22	Rainfed/ Irrigated	Padwa, Mar and Kabar	M	Low	Medium	Urd	03.10. 2021-15.10. 2021	24-2-2022-28-02-2022	15	02
Pigeon pea	*Kharif*, 2022	Rainfed	Padwa, Mar and Kabar	Low	Low	Medium	Mustard	02.07. 2022-10.07. 2022		595	25
Chick pea	*Rabi* , 2021-22	Rainfed/ Irrigated	Mar and Kabar	Low	Low	Medium	Sesame	01.11. 2021-10.11. 2021	24-2-2022-28-02-2022	595	25
Field pea	*Rabi* , 2021-22	Rainfed/ Irrigated	Mar and Kabar	Medi um	Low	Medium	Urd	01.11. 2021-10.11. 2021	24-2-2022-28-02-2022	595	25
Lentil	*Rabi* , 2021-22	Rainfed	Mar and Kabar	Low	Med ium	Medium	Urd	01.11. 2021-10.11. 2021	24-2-2022-28-02-2022	595	25
Wheat	*Rabi* , 2021-22	Irrigated	Padwa, Mar and Kabar	High	Med ium	Medium	Sesame	15.11.2021-25.11.2021	20-3-2022-18-04-2022	595	25
Barley	*Rabi* , 2021-22	Irrigated	Mar and Kabar	Low	Low	Medium	Sesame	25.10.2021-05.11.2021	08-3-2022-28-03-2022	595	25
Fodder	*Rabi* , 2021-22	Irrigated	Padwa Mar and Kabar	Low	Low	High	Chickpea	18.10.2021_ 23.10.2021	Multi cutting	595	25
Tomato	*Rabi* , 2021-22	Irrigated	Padwa, Mar and Kabar	Low	Low	High	Field Pea	08.11.2021-25.11.2021	20.01.2022-30.04.2022	595	25
Kharif Onion	*Kharif, 2022*	Rainfed	Padwa, Mar, Kabar	Low	Low	Medium	Chickpea	15.08. 2022 30.08. 2022	05.01.2023-20.01.2023	595	25
Kitchen Garden	Kharif, Rabi & Summer	Irrigated	Padwa, Mar and Kabar	Low	Low	Medium	Sesame	June, October, February	Round the year	595	25

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	
1	Wheat	Imp.Variety	K-1317	2021-22	10	10	03	22	25	
2	Barley	Imp.Variety	BHS-400	2021-22	08	08	06	14	20	
3.	Wheat	Imp.Variety	HD-2329	2021-22	25	25	63	0	63	
3.	Kharif onion	Imp.Variety	L-883	2021-22	01	01	01	2	03	
4.	Tomao	Imp.Variety	Arka Samrat	2021-22	1.0	1.0	01	29	30	
5	Veg. kit	Imp.Variety		2021-22	1.0	1.0	06	94	100	
6	Mustard	Imp.Variety	Giriraj	2021-22	10	10	3	22	25	
7	Chickpea	Imp.Variety	JG-12	2021-22	10	10	4	21	25	
8.	Fieldpea	Imp.Variety	IPFD12-2		10	10	2	23	25	
9.	Lentil	Imp. Var.	IPL-315	2021-22	10	10	04	21	25	
10	Berseem	Imp. Var.	Vardan	2021-22	1.0	1.0	1	7	08	
11	Oat	Imp. Var.	Vardan	2021-22	1.0	1.0	2	8	10	

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1. Chickpea	Demonstrated variety JG-12 bears more number of pods per plant and recorded more yield over local Radhey variety.
2. Field Pea	Demonstrated variety IPFD-12-2 bears more number of pods and yield over Rachna variety.
3. Lentil	Demonstrated variety IPL-315 bears more number of pods and yield over farmers practiced variety Mallika.
4. Mustard	Demonstrated variety Giriraj bears more number of branches and siliqua and yield over farmers practice variety Urvashi.
5. Wheat	Demonstrated variety K -1317 bears more yield over farmers practice variety WH-147.
6. Barley	Demonstrated variety BHS-400 bears more yield over farmers practice variety.
7. Summer Moong	Demonstrated variety Sikha bears more number of pods and yield over traditional variety .
8. Onion L883	Variety is suitable for cultivation in Kharif season with good bulb size as well as yield
9. Tomato Arka Samrat	Tomato Arka Samrat perform very well in the district with less incidence of early blight, good yield as well as self life.
10. Kitchen garden	Round the year availability of seasonal vegetables increased per capita consumption of beneficiaries family

Farmers' reactions on specific technologies

S. No	Feed Back
JG-12	Very good variety for cultivation gives high yield and net return
IPFD -12-2	Good variety for district bears more number of pods and yield
IPL-315	Variety is suitable for cultivation gives good yield and net return
Giriraj	Very good variety for our District bears more number of branches and siliqua and yield
HD-K-1317	Crop gives good yield and net return.
BHS-400	Variety is suitable for cultivation gives better yield and net return

Sikha	Good variety as compare to other give good net return
Onion- L883	Kharif oinon crop gives very good net return but variety has poor keeping quality
Tomato Arka Samrat	Very good variety for cultivation, long harvesting window with good fruit size, self life and yield
Kitchen garden	With increase availability of vegetables for daily use, consumption and interest has increased.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	05	21.02.2022,5.03.2022,2903.2022, 19.09.2022,2.7.2022,05.7.2022	131	Kharif crops damaged due to heavy rainfall at maturity stage
2	Farmers Training	5	30 Oct. , 2, 3,5 and 10 Nov.	156	
3	Media coverage	10			
4	Training for extension functionaries	01			

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Groundnut																		
Sesamum	Varietal	GT-06		25	10	Crops damaged due to contineous heavy rainfall												
Mustard	Varietal	Giriraj		25	10	18.93	11.73			61.38	21500	9558618.4	74086.4	4.45	19540	59226.4	39686.4	3.03
Toria																		
Linseed																		

Sunflower																		
Soybean																		

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

Frontline demonstration on pulse crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Pigeonpea	Varietal		IPA-203	25	10	16.2	10.7			34.1	23750	97200	73450	3.09	20300	64050	43750	2.16
Blackgram	Varietal		IPU 2-43	25	10	Crops damaged due to contineous heavy rainfall												
Greengram	Varietal		Shikha	25	10	Crops damaged due to contineous heavy rainfall												
Chickpea	Varietal		JG-12	25	10	18.3	14.1			29.9	28800	95562	66762	3.32	73554.	46054	46054	2.67
Fieldpea	Varietal		IPFD 12-2	25	10	20.3	15			35	27600	85142	57542	3.08	26500	67608	41108	2.55
Lentil	Varietal		IPL-315	25	10	16.2	12.9			25.5	25500	88880	63380	3.49	24500	70840	46340	2.89

Horsegram																		

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

FLD on Other crops

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average												
Cereals																			
Paddy																			
Waterlogged Situation																			
Coarse Rice																			
Scented Rice																			
Wheat	Varietal	K-1317	25	10			36.53	28.93	26.27			25600	73603.92	48003.92	2.88	24500	58289.92	33789.92	2.38
Wheat Timely sown																			
Wheat Late Sown																			
Mandua																			
Barley	Varietal	BHS-400	20	8			30.13	26.93	11.88			23600	49259.28	25659.28	2.09	22400	44027.28	21627.28	1.97
Maize																			

Amaranth																			
Millets																			
Jowar																			
Bajra																			
Barnyard millet																			
Finger millet																			
Vegetables																			
Bottlegourd																			
Bittergourd																			
Cowpea																			
Spongegourd																			
Petha																			
Tomato	Varietal Evaluation	Arka Samrat	30	1	687.8	430.25	576.6	353.4	63.16	-	-	120000	403620	283620	3.360	119000	247380	128380	2.08
Frenchbean																			
Capsicum																			
Chilli																			
Brinjal																			
Vegetable pea																			

Softgourd																			
Okra																			
Colocasia (Arvi)																			
Broccoli																			
Cucumber																			
Onion	**Kharif onion**	**L883**	3	0.10	196.2	182	189.1	-	-	-	-		283650	154650	2.20	-	-	-	-
Coriender																			
Lettuce																			
Cabbage																			
Cauliflower																			
Elephant fruit																			
Flower crops																			
Marigold																			
Bela																			
Tuberose																			
Gladiolus																			
Fruit crops																			
Mango																			
Strawberry																			

Guava																			
Banana																			
Papaya																			
Muskmelon																			
Watermelon																			
Spices & condiments																			
Ginger																			
Garlic																			
Turmeric																			
Commercial Crops																			
Sugarcane																			
Potato																			
Medicinal & aromatic plants																			
Mentholment																			
Kalmegh																			
Ashwagandha																			
Fodder Crops																			
Sorghum (F)																			
Cowpea (F)																			

Maize (F)																			
Lucern																			
Berseem	**varietal**	**Vardan**	8	1	1114	900	23.7	-	-	-	-	-	-	-	-	40650	114000	73350	2.8
Oat (F)	**varietal**	JHO-2009-1	10	1	712	530	34	-	-	-	-	-	-	-	-	29900	99200	69300	3.3

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

FLD on Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of Units (Animal/ Poultry/ Birds, etc)	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demo	Check		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	Poultry management	Kadaknath/Shakti	12	610			100			3600	10720	7120	2.98				
Sheep & Goat	Goatry Management	Bundelkhandi	14	27			100			5400	28000	22600	5.19				

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

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

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																

FLD on Women Empowerment

Category	Name of technology	No. of demonstrations	Name of observations	Demonstration	Check
Stitching & Tailoring	Paddle operated Sewing machine & Sewing kit	10	No of prepared garments/ Articles per annum	400garments/annum (34500 Rs. Net income)	

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

FLD on Other Enterprise: Kitchen Gardening

Category and Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of Units	Yield (Kg)		% change in yield	Other parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Kitchen Garden	Nutritional Food Security	Kitchen Garden	50	50	776	-	100			1990	7760	5770	3.89	-	-	-	

FLD on Demonstration details on crop hybrids *(Details of Hybrid FLDs implemented during* **2022***)*

Crop	technology demonstrated	Hybrid Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)			
					Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average						
Oilseed crop													
Pulse crop													
Cereal crop													
Vegetable crop													
Fruit crop													
Other (specify)													

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

III. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	1	12	6	18	2	0	2	14	6	20
Resource Conservation Technologies				0			0	0	0	0
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	2	32	2	34	22	2	24	54	4	58
Nursery management				0			0	0	0	0
Integrated Crop Management	1	6	4	10	2	6	8	8	10	18
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)			0	0		0	0	0	0	0
Total	4	50	12	62	26	8	34	76	20	96
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops	1	17		17			0	17	0	17
Off-season vegetables	1	11		11	2		2	13	0	13
Nursery raising				0			0	0	0	0
Exotic vegetables	1	17	1	18		1	1	17	2	19
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)	1	32	9	41			0	32	9	41
Total (a)	4	77	10	87	2	1	3	79	11	90
b) Fruits										
Training and Pruning				0			0	0	0	0
Layout and Management of Orchards	1	11		11	5		5	16	0	16
Cultivation of Fruit				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	1	25		25	2		2	27	0	27
Others (pl specify)				0			0	0	0	0
Total (b)	2	36	0	36	7	0	7	43	0	43
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)				0			0	0	0	0
Total (c)	0	0	0	0	0	0	0	0	0	0
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				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)	**6**	**113**	**10**	**123**	**9**	**1**	**10**	**122**	**11**	**133**
III Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify)										
Total										
IV Livestock Production and Management										
Dairy Management				0			0	0	0	0
Poultry Management	1			0	4	16	20	4	16	20
Piggery Management				0			0	0	0	0
Rabbit Management				0			0	0	0	0
Animal Nutrition Management				0			0	0	0	0
Disease Management				0			0	0	0	0
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	0
Total	**1**	**0**	**0**	**0**	**4**	**16**	**20**	**4**	**16**	**20**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	2		52	52		8	8	0	60	60
Design and development of low/minimum cost diet				0			0	0	0	0
Designing and development for high nutrient efficiency diet	2		41	41		14	14	0	55	55
Minimization of nutrient loss in processing				0			0	0	0	0
Processing and cooking	1		17	17		1	1	0	18	18
Gender mainstreaming through SHGs				0			0	0	0	0
Storage loss minimization techniques				0			0	0	0	0
Value addition	2		44	44		9	9	0	53	53
Women empowerment				0			0	0	0	0
Location specific drudgery reduction technologies				0			0	0	0	0
Rural Crafts	2		5	5		37	37	0	42	42
Women and child care	1		38	38		7	7	0	45	45
Others (pl specify)	2		24	24		64	64	0	88	88
Total	**12**	**0**	**221**	**221**	**0**	**140**	**140**	**0**	**361**	**361**
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										

VII Plant Protection										
Integrated Pest Management										
Integrated Disease Management										
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others (pl specify)										
Total										
VIII Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others (pl specify)										
Total										
IX Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production										
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
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	**23**	**163**	**243**	**406**	**39**	**165**	**204**	**202**	**408**	**610**

Farmers' Training including sponsored training programmes (off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	1	22	3	25		0	0	22	3	25
Resource Conservation Technologies	2	15		15		4	4	15	4	19
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)				0			0	0	0	0
Total	3	37	3	40	0	4	4	37	7	44
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops	2	17	13	30	9	11	20	26	24	50
Off-season vegetables	2	30	1	31	11		11	41	1	42
Nursery raising	1	16	7	23	5		5	21	7	28
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)	5	63	21	84	25	11	36	88	32	120
b) Fruits										
Training and Pruning	1	22	2	24	2		2	24	2	26
Layout and Management of Orchards				0			0	0	0	0
Cultivation of Fruit				0			0	0	0	0
Management of young plants/orchards	1	9	3	12	11	7	18	20	10	30
Rejuvenation of old orchards				0			0	0	0	0
Export potential fruits				0			0	0	0	0
Micro irrigation systems of orchards	1	24	2	26	1		1	25	2	27
Plant propagation techniques				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total (b)	3	55	7	62	14	7	21	69	14	83
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)				0			0	0	0	0
Total (c)	0	0	0	0	0	0	0	0	0	0
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				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)	**8**	**118**	**28**	**146**	**39**	**18**	**57**	**157**	**46**	**203**
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				0			0	0	0	0
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	2	29		29	10		10	39	0	39
Others (pl specify)				0			0	0	0	0
Total	**2**	**29**	**0**	**29**	**10**	**0**	**10**	**39**	**0**	**39**
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				0			0	0	0	0
Disease Management				0			0	0	0	0
Feed & fodder technology				0			0	0	0	0
Production of quality animal products				0			0	0	0	0
Others (pl specify)	1			0	12	8	20	12	8	20
Total	**1**	**0**	**0**	**0**	**12**	**8**	**20**	**12**	**8**	**20**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	2		13	13	11	35	46	11	48	59
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 nutrient loss in processing	1		29	29			0	0	29	29
Processing and cooking				0			0	0	0	0
Gender mainstreaming through SHGs				0			0	0	0	0
Storage loss minimization techniques				0			0	0	0	0
Value addition				0			0	0	0	0
Women empowerment				0			0	0	0	0
Location specific drudgery reduction technologies	1		12	12		12	12	0	24	24
Rural Crafts				0			0	0	0	0
Women and child care	3		89	89		57	57	0	146	146
Others (pl specify)	4		0	0	38	44	82	38	44	82
Total	**11**	**0**	**143**	**143**	**49**	**148**	**197**	**49**	**291**	**340**
VI Agril. Engineering										
Farm Machinary and its maintenance				0			0	0	0	0
Installation and maintenance of micro irrigation systems				0			0	0	0	0
Use of Plastics in farming practices				0			0	0	0	0
Production of small tools and implements				0			0	0	0	0
Repair and maintenance of farm machinery and implements				0			0	0	0	0
Small scale processing and value addition				0			0	0	0	0
Post Harvest Technology				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VII Plant Protection										
Integrated Pest Management				0			0	0	0	0
Integrated Disease Management				0			0	0	0	0
Bio-control of pests and diseases				0			0	0	0	0
Production of bio control agents and bio pesticides				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VIII Fisheries										

Integrated fish farming				0			0	0	0	0
Carp breeding and hatchery management				0			0	0	0	0
Carp fry and fingerling rearing				0			0	0	0	0
Composite fish culture				0			0	0	0	0
Hatchery management and culture of freshwater prawn				0			0	0	0	0
Breeding and culture of ornamental fishes				0			0	0	0	0
Portable plastic carp hatchery				0			0	0	0	0
Pen culture of fish and prawn				0			0	0	0	0
Shrimp farming				0			0	0	0	0
Edible oyster farming				0			0	0	0	0
Pearl culture				0			0	0	0	0
Fish processing and value addition				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IX Production of Inputs at site										
Seed Production				0			0	0	0	0
Planting material production				0			0	0	0	0
Bio-agents production				0			0	0	0	0
Bio-pesticides production				0			0	0	0	0
Bio-fertilizer production				0			0	0	0	0
Vermi-compost production				0			0	0	0	0
Organic manures production				0			0	0	0	0
Production of fry and fingerlings				0			0	0	0	0
Production of Bee-colonies and wax sheets				0			0	0	0	0
Small tools and implements				0			0	0	0	0
Production of livestock feed and fodder				0			0	0	0	0
Production of Fish feed				0			0	0	0	0
Mushroom Production				0			0	0	0	0
Apiculture				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X Capacity Building and Group Dynamics										
Leadership development				0			0	0	0	0
Group dynamics				0			0	0	0	0
Formation and Management of SHGs				0			0	0	0	0
Mobilization of social capital				0			0	0	0	0
Entrepreneurial development of farmers/youths	2			0	21	22	43	21	22	43
WTO and IPR issues				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total	**2**	**0**	**0**	**0**	**21**	**22**	**43**	**21**	**22**	**43**
XI Agro-forestry										
Production technologies				0			0	0	0	0
Nursery management				0			0	0	0	0
Integrated Farming Systems				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GRAND TOTAL	**27**	**184**	**174**	**358**	**131**	**200**	**331**	**315**	**374**	**689**

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

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	2	34	9	43	2	0	2	36	9	45
Resource Conservation Technologies	2	15	0	15	0	4	4	15	4	19
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	2	32	2	34	22	2	24	54	4	58
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	1	6	4	10	2	6	8	8	10	18
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)	0	0	0	0	0	0	0	0	0	0
Total	7	87	15	102	26	12	38	113	27	140
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops	3	34	13	47	9	11	20	43	24	67
Off-season vegetables	3	41	1	42	13	0	13	54	1	55
Nursery raising	1	16	7	23	5	0	5	21	7	28
Exotic vegetables	1	17	1	18	0	1	1	17	2	19
Export potential vegetables	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0
Protective cultivation	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	1	32	9	41	0	0	0	32	9	41
Total (a)	9	140	31	171	27	12	39	167	43	210
b) Fruits										
Training and Pruning	1	22	2	24	2	0	2	24	2	26
Layout and Management of Orchards	1	11	0	11	5	0	5	16	0	16
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	1	9	3	12	11	7	18	20	10	30
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 systems of orchards	1	24	2	26	1	0	1	25	2	27
Plant propagation techniques	1	25	0	25	2	0	2	27	0	27
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (b)	5	91	7	98	21	7	28	112	14	126
c) Ornamental Plants										
Nursery Management	0	0	0	0	0	0	0	0	0	0
Management of potted 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 techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (c)	0	0	0	0	0	0	0	0	0	0
d) Plantation crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing 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 (d)	0	0	0	0	0	0	0	0	0	0
e) Tuber crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing 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 (e)	0	0	0	0	0	0	0	0	0	0
f) Spices										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing 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 (f)	0	0	0	0	0	0	0	0	0	0
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)	**14**	**231**	**38**	**269**	**48**	**19**	**67**	**279**	**57**	**336**
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	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	2	29	0	29	10	0	10	39	0	39
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**2**	**29**	**0**	**29**	**10**	**0**	**10**	**39**	**0**	**39**
IV Livestock Production and Management										
Dairy Management	0	0	0	0	0	0	0	0	0	0
Poultry Management	1	0	0	0	4	16	20	4	16	20
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 Management	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0
Feed & fodder technology	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	1	0	0	0	12	8	20	12	8	20
Total	**2**	**0**	**0**	**0**	**16**	**24**	**40**	**16**	**24**	**40**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	4	0	65	65	11	43	54	11	108	119
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	2	0	41	41	0	14	14	0	55	55
Minimization of nutrient loss in processing	1	0	29	29	0	0	0	0	29	29
Processing and cooking	1	0	17	17	0	1	1	0	18	18
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0
Value addition	2	0	44	44	0	9	9	0	53	53
Women empowerment	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	1	0	12	12	0	12	12	0	24	24
Rural Crafts	2	0	5	5	0	37	37	0	42	42
Women and child care	4	0	127	127	0	64	64	0	191	191
Others (pl specify)	6	0	24	24	38	108	146	38	132	170
Total	**23**	**0**	**364**	**364**	**49**	**288**	**337**	**49**	**652**	**701**
VI Agril. Engineering										
Farm Machinary and its maintenance	0	0	0	0	0	0	0	0	0	0
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VII Plant Protection										
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VIII Fisheries										
Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0

Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing 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	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IX Production of Inputs at site										
Seed Production	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X Capacity Building and Group Dynamics										
Leadership development	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	2	0	0	0	21	22	43	21	22	43
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**2**	**0**	**0**	**0**	**21**	**22**	**43**	**21**	**22**	**43**
XI Agro-forestry										
Production technologies	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GRAND TOTAL	**50**	**347**	**417**	**764**	**170**	**365**	**535**	**517**	**782**	**1299**

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

Area of training	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	1	9		9	2		2	11	0	11
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	0			0			0	0	0	0
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	0			0			0	0	0	0
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	1		13	13		8	8	0	21	21
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	0			0			0	0	0	0
Production of quality animal products	0			0			0	0	0	0
Dairying	0			0			0	0	0	0
Sheep and goat rearing	0			0			0	0	0	0
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	**2**	**9**	**13**	**22**	**2**	**8**	**10**	**11**	**21**	**32**

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

Area of training	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	0			0			0	0	0	0
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	0			0			0	0	0	0
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	0			0			0	0	0	0
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	0			0			0	0	0	0
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	0			0			0	0	0	0
Production of quality animal products	0			0			0	0	0	0
Dairying	0			0			0	0	0	0
Sheep and goat rearing	0			0			0	0	0	0
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	0	0	0	0	0	0	0	0	0	0

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

Area of training	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	1	9	0	9	2	0	2	11	0	11
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0

Planting material production	0	0	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Value addition	1	0	13	13	0	8	8	0	21	21
Small scale processing	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	2	9	13	22	2	8	10	11	21	32

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

Area of training	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	0			0			0	0	0	0
Rejuvenation of old orchards	0			0			0	0	0	0
Protected cultivation technology	0			0			0	0	0	0
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			0	0	0	0
Formation and Management of SHGs	0			0			0	0	0	0
Women and Child care	0			0			0	0	0	0
Low cost and nutrient efficient diet designing	1		18	18		3	3	0	21	21
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	0			0			0	0	0	0
Any other (pl.specify)	1		9	9		7	7	0	16	16
TOTAL	**2**	**0**	**27**	**27**	**0**	**10**	**10**	**0**	**37**	**37**

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

Area of training	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	0	0	0	0
Integrated Pest Management	0			0			0	0	0	0
Integrated Nutrient management	0			0			0	0	0	0
Rejuvenation of old orchards	0			0			0	0	0	0
Protected cultivation technology	0			0			0	0	0	0
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			0	0	0	0
Formation and Management of SHGs	0			0			0	0	0	0
Women and Child care	0			0			0	0	0	0
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	0			0			0	0	0	0
Any other (pl.specify)	0			0			0	0	0	0
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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

Area of training	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	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	1	0	18	18	0	3	3	0	21	21
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	1	0	9	9	0	7	7	0	16	16
TOTAL	**2**	**0**	**27**	**27**	**0**	**10**	**10**	**0**	**37**	**37**

Table. Sponsored training programmes

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Increasing production and productivity of crops	0	0	0	0	0	0	0	0	0	0
Commercial production of vegetables				0			0	0	0	0
Production and value addition										
Fruit Plants				0			0	0	0	0
Ornamental plants				0			0	0	0	0
Spices crops				0			0	0	0	0
Soil health and fertility management				0			0	0	0	0
Production of Inputs at site				0			0	0	0	0
Methods of protective cultivation				0			0	0	0	0
Others (pl. specify)				0			0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition										
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)				0			0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Farm machinery										
Farm machinery, tools and implements	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)				0			0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Livestock and fisheries										
Livestock production and management	5	137	22	159	34	7	41	171	29	200
Animal Nutrition Management				0			0	0	0	0
Animal Disease Management				0			0	0	0	
Fisheries Nutrition				0			0	0	0	0
Fisheries Management				0			0	0	0	0
Others (pl. specify)				0			0	0	0	0
Total	5	137	22	159	34	7	41	171	29	200
Home Science										
Household nutritional security	0	0	0	0	0	0	0	0	0	0
Economic empowerment of women				0			0	0	0	0
Drudgery reduction of women				0			0	0	0	0
Others (pl. specify)				0			0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Agricultural Extension										
Capacity Building and Group Dynamics	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)				0			0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	**5**	**137**	**22**	**159**	**34**	**7**	**41**	**171**	**29**	**200**

Name of sponsoring agencies involved

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Commercial floriculture										
Commercial fruit production										
Commercial vegetable production										
Integrated crop management										
Organic farming										
Others (pl. specify)										
Total										
Post harvest technology and value addition										
Value addition										

Others (pl. specify)										
Total										
Livestock and fisheries										
Dairy farming	5	137	22	159	34	7	41	171	29	200
Composite fish culture				0			0	0	0	0
Sheep and goat rearing				0			0	0	0	
Piggery				0			0	0	0	0
Poultry farming				0			0	0	0	0
Others (pl. specify)				0			0	0	0	0
Total	5	137	22	159	34	7	41	171	29	200
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)	**1**	**5**	**0**	**5**	**0**	**0**	**0**	**5**	**0**	**5**
Total										
Agricultural Extension										
Capacity building and group dynamics										
Others (pl. specify)										
Total										
Grand Total	6	142	22	164	34	7	41	176	29	205

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	195	6009		6009
Diagnostic visits	27	88		88
Field Day	5	112		112
Group discussions	1	83	13	96
Kisan Ghosthi	15	742	6	748
Film Show	7	155	2	157
Self -help groups				
Kisan Mela	3	1071		1071
Exhibition	1	386		386
Scientists' visit to farmers field	81	578		578
Plant/animal health camps	6	263		263
Farm Science Club	0	0		0
Ex-trainees Sammelan	0	0		0
Farmers' seminar/workshop	0	0		0
Method Demonstrations				
Celebration of important days	13	1383	10	1393
Special day celebration	7	411	14	425
Exposure visits	23	812		812
Others (pl. specify)	11	1218		1218
Total	**395**	**13311**	**45**	**13356**

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	
Extension Literature	6
News paper coverage	45
Popular articles	3
Radio Talks	0
TV Talks	2
Animal health amps (Number of animals treated)	0
Others (pl. specify)	11
Total	**93**

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only	**68**	**11**	**26**	**20**	**56**		**181**
	Voice only							
	Voice & Text both							
	Total Messages	**68**	**11**	**26**	**20**	**56**		**181**
	Total farmers Benefitted	Mass	Mass	Mass	Mass	Mass		Mass

V. 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			

VI. 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	Wheat	DBW-187, HI-1620		25.69	93229	55
	Barley	BH-400, DWRB-137		10.43	36505	22
Oilseeds	Mustard	RH-749		6.36	63600	270
	Seasum	GT-06		1.5	15000	
	Groundnut	GJG-09		2	12000	
Pulses	Pigeon pea	IPA-203		4.38	4380	
	Lentil	IPL-315		2.86	29804	
	Field pea	IPFD 12-2		61.52		
	Chick pea	IPC 6-77		20.5		
Commercial crops						
Vegetables						
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						
Others						
Total				**135.24**	**254518**	**347**

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	Navtej, Arka Khyati, Arka Maghna		2440		29
	Chilli	B-5		2540		7
	Tomato	Arka Rakshak, Arka Abhed,		35050		79

		Arka Samrat				
	Cabbage	Ankush Manash		1500		26
	Cauliflower	Anandi		2470		25
	Onion	L-883		20000		
	Pumpkin	P-6,Kashi Hari		250		
	Others (Crown)/Moringa	Baigani/PKM-1		1200		29
Fruits						
Ornamental plants						
Medicinal and Aromatic	Others (Tulsi)	Shyama		120000		
Fodder crop saplings						
Forest Species						
Others						
Total				**185450**		

Production of Bio-Products

Bio Products	**Name of the bio-product**	**Quantity Kg**	**Value (Rs.)**	**No. of Farmers**
Bio Fertilisers	Vermicompost	600	18000	
	Nadep compos	3000	6000	
Bio-pesticide				
Bio-fungicide				
Bio Agents				
Others				
Total		3600	24000	

Table: Production of livestock materials

Particulars of Live stock	**Name of the breed**	**Number**	**Value (Rs.)**	**No. of Farmers**
Dairy animals				
Cows	Sahival	3	60000	
Buffaloes				
Calves				
Others (Pl. specify) Goat	Bundelkhandi	5	10000	
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		**8**	**70000**	

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)
Soil	195	195	15	
Water				
Plant				
Manure				
Others (pl.specify)				
Total	**195**	**195**	**15**	**0**

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted	Date of SAC
KVK Mahoba	1	01-12-2022

IX. NEWSLETTER/MAGAZINE

Name of News letter/Magazine	No. of Copies printed for distribution
Krishi Sandesh (Jan-March 2022)	100
Krishi Sandesh (April - June 2022)	50
Krishi Sandesh (July-Dec. 2022)	50

X. PUBLICATIONS

Category	Number
Books	02
Technical bulletins	01
Research Paper	
Lead Papers	
Book Chapters	04
Popular Articles	
Newsletters	01
Technical reports	03
Others (pl. specify)	01
Total	**12**

XI. 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.)
2	5	66140	588	29

XII. 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												

XIII. 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
BUAT, Banda	Wokshop on capacity building traing program for SMS	2	2	**7**
Total		**2**	**2**	**7**

B. HRD activities organized in identified areas for KVK staff by Zonal Project Directorate

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

XIV. CASE STUDIES

Effect of DFI intervention **Name of KVK:** KVK Mahoba

Name of farmer: Jitendra Gupta
Address: Charkhari, Mahoba
Mobile Number: 6307849278
Age: 51 years
Education: Graduation
Size of land holding (in acre): 12

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Black gram	3	9Q	36000.00	80000.00
Field Crop 2	green gram	3	9 Q	40500.00	20000.00
Field Crop 3	Sesame	6	8 Q	56000.00	38000.00
Field Crop 4	Field pea	3	15Q	42000.00	23000.00
Field Crop 5	Mustard	3	9 Q	31500.00	21000.00
Field Crop 6	Wheat	5	80 Q	112000.00	55000.00
Field Crop 7	Barley	1	16 Q	19200.00	11000.00
Total			91Q	337200.00	190000.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Groundnut	8	80Q	320000.00	209000.00	100	100
Field Crop 2	Black gram	1	4Q	22400.00	12000.00	-	-
Field Crop 3	Green gram	1	3Q	19500.00	9000.00	-	-
Field Crop 4	Sesame	2	3Q	24000.00	15000.00	-	-
Field Crop 5	Field pea	6	54Q	280800.00	191000.00	260	730.43
Field Crop 6	Chickpea	2	16Q	64000.00	31000.00	100	100
Field Crop 7	Wheat	3	54Q	106650.00	52000.00	-	-
Field Crop 8	Barley	1	20 Q	34000.00	16000.00	25	45.45
Hort. Crop 1	Brinjal	0.25	20 Q	18000.00	10000.00	100	100
Hort. Crop 2	Tomato	0.25	25Q	12000.00	5000.00	100	100
Hort. Crop	Guava, Pomegranate	2 (New)	20Q	30000.00	0.00	-	-
Other enterprise (Specify)	Bee keeping,	50 box	3Q	72500.00	24000.00	100	100
	PMKSN			6000.00	6000.00		100
Total			267Q	1009850.00	570000.00	193.40	200

Brief: The farmer used to get annual income of Rs. 190000 from Blackgram, greengram, Sesame, Wheat, Field pea, etc. He faced problems like lack of irrigation water, Old varieties etc. With DFI interventions like Micro-irrigation adoption, HYV, groundnut and field pea IPFD 10-12, Bee keeping PMKSN. etc., he is getting annual income of Rs.570000.

Jitendra with his horticultural crops

FLD organized at Jitendra field

XIV. AGRICULTURAL TECHNOLOGY INFORMATION CENTRE

A. Details on ATICs

S. No	Name of the ATIC	Name of the Host Institute	Name of the ATIC Manager

B. Details on Farmer's visit

S. No	Purpose of visit	Number of farmer's visited
01	Technology Information	
02	Technology Products	
03	Others if any pl. specify	

C. Facilities in the ATIC which are in operation

S. No	Particulars	Availability (Please √ mark)	Number of ATICs
01	Reception counter		
02	Exhibition / technology museum		
03	Touch screen Kiosk		
04	Cafeteria		
05	Sales counter		
06	Farmer's feedback register		
07	Others if any (please specify)		

D. Technology information provided

D.1. Details on technology information

S. No	Information category	Number of ATICs	Total number of farmers benefitted	Category of information						
				Varieties / hybrids	Pest management	Disease management	Agro-techniques	Soil and water conservation	Post Harvest technology and Value addition	Animal Husbandry and fisheries
01	Kisan Call Centre / other Phone calls from farmers									
02	Video shows									
03	Letters received									
04	Letters replied									
05	Training to farmers / technocrats / students									
06	Others pl. specify									

D.2 . Publications (Print & Electronic media)

S. No	Particulars	Number sold	Revenue generated in Rs.	Number of farmers benefited
01	Books			
02	Technical bulletins			
03	Technology Inventory			
04	CDs			
05	DVDs			
06	Video films			
07	Audio CDs			
08	Others if any (please specify)			

E. Technology Products provided

S. No	Particulars	Quantity	Unit of quantity	Value in Rs.	Number of farmers benefited
01	Seeds		Quintal		
02	Planting materials		Numbers		
03	Livestock		Numbers		
04	Poultry birds		Numbers		
05	Bio-products		Quintals		
06	Others pl. specify				

F. Technology services provided

S. No	Particulars	Number of farmers benefited
01	Soil and water testing	
02	Plant diagnostics	
03	Details about the services to line Departments	
04	Others if any (please specify)	

XV. TECHNOLOGICAL BACKSTOPPING BY DIRECTORATES OF EXTENSION

States covered:

Number of Directorates of Extension:

A. Details on Directors of Extension

S. No	Name of the SAU	Name of the Director of Extension	Number of KVKs for which technological backstopping is provided					
			SAU/CAU	DU	ICAR	NGO	SDA	Others (pl. specify)

B. Workshops / meetings organized

S. No.	Details of workshop/meeting conducted	No. of KVKs participated

C. Visits made by DE / Officials in the Directorate to KVKs

S. No.	Particulars	Number of visits
01	SAC meetings	01
02	Field days	
03	Workshops / seminars	01
04	Technology week	
05	Training programmes	01
06	Others pl. specify	02

D. Overseeing of KVKs activities

S. No.	Particulars	Number of fields visited	Major observations / remarks	Major suggestions given
01	On Farm Trials			
02	Front Line Demonstration			
03	Others pl. specify	02	Excellent work done	Upscaling

E. Publication on Technology inventory

S. No.	Particulars	Number
01	Directorates published the technological inventory	
02	Directorates constantly updating the technological inventory	

F. Technological Products provided to KVKs

S. No.	Major technologies provided	Number of KVKs
01	Seeds	07
02	Planting materials	
03	Bio-products	
04	Livestock breed	
05	Livestock products	
06	Poultry breed	07
07	Poultry products	
08	Others pl. specify	07

XVI Achievement of Special programmes

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

S. No.	Name of QP/Job role	Duration (hrs)	No. of Courses Organised	No. of Participants						
				SCs/STs		Others		Total		TOTAL
				Male	Female	Male	Female	Male	Female	
1	Agriculture Extension Service Provider	200								
2	Agriculture Machinery Demonstrator	200								
3	Agriculture Machinery Operator	200								
4	Agriculture Machinery Repair and Maintenance Service Provider	200								
5	Animal Health Worker	300								
6	Aquaculture Technician	200								
7	Aquaculture Worker	200								
8	Aquarium Technician	200								
9	Artificial Insemination Technician	400								
10	Assistant Gardener	200								
11	Beekeeper	200								
12	Brackwishwater Aquaculture Farmer	210								
13	Broiler Farm Worker	200								
14	Citrus Fruit Grower	200								
15	Community Service Provider	200								
16	Dairy Farmer -	200								

	Entrepreneur									
17	Fish Seed Grower	210								
18	Floriculturist - Open cultivation	200								
19	Floriculturist - Protected cultivation	200								
20	Forest Nursery Raiser	200								
21	Freshwater Aquaculture Farmer	200								
22	Friends of Coconut Tree	200								
23	Greenhouse Operator	200								
24	Group Farming Practitioner	200								
25	Harvesting Machine Operator	200								
26	Hatchery (Fishery) Production Worker	200								
27	Layer Farm Worker	200								
28	Mango Grower	200								
29	Medicinal Plants Cultivator	200								
30	Micro Irrigation Technician	200								
31	Mushroom Grower	200								
32	Nursery Worker	200								
33	Organic Grower	200								
34	Ornamental Fish Technician	200								
35	Packhouse Worker	200								
36	Quality Seed Grower	200								

37	Seed Processing Plant Technician	200								
38	Sericulturist	200								
39	Service and Maintenance Technician-Farm Machinery	205								
40	Shrimp Farmer	240								
41	Small poultry farmer	240								
42	Soil & Water Testing Lab Analyst	240								
43	Soil & Water Testing Lab Assistant	200								
44	Supply Chain Field Assistant	200								
45	Tea Plantation Worker	200								
46	Tractor Operator	200								
47	Vermicompost Producer	200								
	TOTAL									

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

a) CRM Machinery procured by KVKs

S. No.	Name of the Machine/ Equipment	No. of machines procured
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		Women Farmer Training		Rural Youths		Extension Personnel		Number of farmers involved			Participants in extension activities	Production of seed (q)	Production of Planting material (Number in lakh)	Production of Livestock strains (Number in lakh)	Production of fingerlings (Number	Testing of Soil, water, plant, manures samples
No. of Trainings/De	No. of Farmers	No. of Trainings/De	No. of Women Farmers	No. of Trainings/De	No. of Youths	No. of Trainings/De	No. of Ext. Person	On- farm trials	Frontline demos	Mobile agro-advisory to farmers						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
11	257	11	171						47	11	36			0.0008		

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

Number of Adopted Villages	No. of Activities		No. of farmers benefited	
	Demo	Training	Demo	Training
Ajnar, Alampura, Kabrai, Shrinagar	3	11	47	257

5) Achievements of SCSP KVKs

Farmer Training		Women Farmer Training		Rural Youths		Extension Personnel		Number of farmers involved			Participants in extension activities (No.)	Production of seed (q)	Production of Planting material (q)	Production of Livestock strains (Number in lakh)	Production of fingerlings (Number in lakh)	Testing of Soil, water, plant, manures (q)
No. of Trainings/Dem	No. of Farmers	No. of Trainings/Dem	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						
2	55	1	15								4					

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	Crop production	1	0.6		1		25
2	Horticulture	5	0.2				
3	Dairy	1	0.15		5		200
4	Goatry	1	0.03				
5	Poultry	1	0.02		2		45

7) Achievements under Mera Gaon Mera Gaurav (MGMG) project

No. of institutes/ universities involved	Total No of Groups/team formed	No. of Scientists Involved	No. of villages covered	No. of field activities conducted	No. of messages/ advisory sent	Farmers benefited (No.)

8) Achievements of Farmers FIRST programme

NRM Module		Crop Module		Horticulture Module		Livestock & Poultry			IFS Model		Extension Activities	
Demon.	No Farm Families	Demon.	No Farm Families	Demon.	No Farm Families	Demon.	No Farm Families	No of Animals	Demon.	No Farm Families	No. of prog	Farmers

9) Activities performed under NARI programme

Table-9.1: 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
50	50			4	92	**21**	**618**	7	584

Table-9.2: 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				

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

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

11) Achievements under NICRA Project

NRM		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

12) 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						

13) Achievements under Rainwater Harvesting Structures

Sr. No.	Activities	Number
1	Training programmes	
2	Demonstration	
3	Plant materials produced	
4	Visit by farmers	
5	Visit by officials	

14) 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	JG-36, RVG-203, IPC 2005-62, IPC2006-77,	450		358.36	C/S.F/S,F/S,B/S,F/S	
	Field pea	IPFD 10-12, IPFD 11-5, IPFD 12-2	500		414.33	F/S	
	Lentil	IPL 220, IPL 315	50		27.5	F/S	
Total (Rabi)			1000		800.19		
Summer	Black gram						
Total (Summer)							
Grand Total			1000		800.19		

15) NEMA (New Extension Methodologies and Approaches)

Name of Crop with variety	No. of districts	No. of Villages selected	No. of Blocks	No. of household selected	
				Adapter household	Non adapter household

16) Achievements under CSISA (Cereal System Initiative for South Asia) project

S.No.	Name of Programme	Number/quantity
1	Plantation by paddy uppulling	
2	DSR	
3	Laser leveler	
4	Training	
5	Kisan Mela	
6	Seminar	
7	Seed production (q)	

17) Achievements under NIFTD (National Initiatives for fodder technology demonstrations)

Name of fodder	Variety	Production (q)	Training courses	No. of farmers benefitted

18) Achievements under Swachhata Abhiyan Mission

S.No.	Items	No. of Programmes	No. of persons paticipated
1	Toilet maintenance	4	26
2	Road, drain cleaning	13	163
3	Garbage disposal	8	106
4	Door to door awareness	6	384
5	Awareness campaign	3	159
6	Nookkad Drama		
7	School Drama		
8	School rally		
9	Writing paining slogans		
10	Composting	6	103
11	Other	1	63
12			
13			

19) 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 husbandra & fish distribution programme	
Vaccination	
Medicine for control of parasite	
Distribution of mineral mixure	
No. of farmers	
Officers/staff involved	

XVI. Achivements under Natural Farming

Name of KVK	Number of awareness / training programmes organized	No. of Participants	Number of demonstrations organized at farms of KVKs	Number of farmers visited demonstration plots

XVII 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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