PROFORMA FOR PREPARATION OF ANNUAL REPORT (January-2023-December-2023)

APR SUMMARY

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

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	26	263	234	497
Rural youths				
Extension functionaries	2	14	26	40
Sponsored Training	5	203	120	323
Vocational Training	3	86	4	90
Total	36	566	384	950

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	185	86.0	Groundnut, mustard
Pulses	40	20.0	Chickpea
Cereals	159	63.77	Pearl millet, wheat
Vegetables	30	6.0	Tomato
Other crops			
Hybrid crops			
Total	414	175.77	
Livestock & Fisheries	10		Goat
Other enterprises			
Total			
Grand Total	424	175.77	

3. Technology Assessment

Category	No. of Technology Assessed	No. of Trials	No. of Farmers
Technology Assessed			
Crops	5	50	
Livestock			
Various enterprises			
Total	5	50	

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	648	7340
Other extension activities	49	Mass
Total	697	7340

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only	8		4		10		22
	Voice only							
	Voice & Text both							
	Total Messages	**8**		**4**		**10**		**22**
	Total farmers Benefitted	**520**		**210**		**670**		**1400**

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	62.6 q	
Planting material (No.)	71345	142870
Bio-Products (kg)		
Livestock Production (No.)	10	98500
Fishery production (No.)	1 pond	49500

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil	306	3060
Water		
Plant		
Total	**306**	**3060**

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	3
2	Conferences	2
3	Meetings	18
4	Trainings for KVK officials	4
5	Visits of KVK officials	
6	Book published	
7	Training Manual	
8	Book chapters	
9	Research papers	1
10	Lead papers	
11	Seminar papers	
12	Extension folder	
13	Proceedings	
14	Award & recognition	2
15	On going research projects	

DETAIL REPORT OF APR-2023

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra, Khedla Khurd, Lalsot Road, Dausa	9602749131		kvkdausa@gmail.com pc.kvk.dausa@sknau.ac.in

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

Address	Telephone		E mail
	Office	FAX	
Sri Karan Narendra Agriculture University, Jobner	01425-254039		vc@sknau.ac.in director.ext@sknau.ac.in

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. B. L. Jat		9602749131	pc.kvk.dausa@sknau.ac.in

1.4. Year of sanction: 1995

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

Sl. No.	Sanctioned post	Name of the incumbent	Design-ation	Discip-line	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Category (SC/ST/ OBC/ Others)	Mobile no.	Email id
1	Programme Coordinator	Vacant								
2	Subject Matter Specialist	Dr. B. L. Jat	Assoc. Prof.	Agronomy	37400-67000 AGP 9000/-	156900	11.06.1997	OBC	9602749131	bljat.kvkdausa@sknau.ac.in
3	Subject Matter Specialist	Dr. R. L. Meena*	Asstt. Prof.	Plant protection	15600-39100 AGP 7000/-	101200	07.04.1997	S.T.	9413970680	rlmeena.kvkdausa@sknau.ac.in
4	Subject Matter Specialist	Dr. (Mrs.) Babita Deegwal**	Asstt. Prof.	Home Science	15600-39100 AGP 7000/-	84800	28.08.2012	S.C.	9828658678	babita.kvkdausa@sknau.ac.in
5	Subject Matter Specialist	Dr. Akshay Chittora	SMS	Horticulture	15600-39100 AGP 5400/	61300	09.07.2018	Gen.	8233070565	akshaychittora@gmail.com
6	Subject Matter Specialist	Dr. Sunita Kumari	SMS	Extension Education	15600-39100 AGP 5400/	63100	02.06.2018	Gen.	8003880906	sunitaladsar@gmail.com
7	Subject Matter Specialist	Vacant								
8	Programme Assistant	Dr. M. R. Dhaker	Farm Manager		9300-34800	85100	17.02.1990	OBC	9413748867	mrdhakad.kvkdausa@sknau.ac.in
9	Computer Programmer	Vacant								
10	Farm Manager	Vacant								
11	Accountant / Superintendent	Vacant								
12	Stenographer	Vacant								
13	Driver	Vacant								
14	Driver	Vacant								
15	Supporting staff	Vacant								
16	Supporting staff	Vacant								

* Working at COA, Jhilai
** Working at COA, Lalsot

1.6. Total land with KVK (in ha) : 17.3 ha

S. No.	Item	Area (ha)
1	Under Buildings	2.1 ha
2.	Under Demonstration Units	0.75 ha
3.	Under Crops	11.55 ha
4.	Orchard/Agro-forestry	0.4 ha
5.	Others (specify)	2.5 ha

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	2000					
2.	Farmers Hostel	ICAR	1998					
3.	Staff Quarters (6)	ICAR	2005					
4.	Demonstration Units (6)							
5	Fencing	ICAR	2009	100 m				
			2020	500 m				
			2022	500 m				
6	Rain Water harvesting system	ICAR	1996, 2017					
7	Threshing floor	ICAR	2005	Complete				
8	Farm Godown	ICAR	2005	Complete				
		ICAR	2011	Complete				
		NREGA Scheme	2009					
		ICAR	2011-12	Complete				
		ICAR	2012-13	Complete				
9	Goatry Unit	RKVY	2017-18 & 2018-19	Complete				

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Jeep	2011-12	600000	154560	In running condition
Tractor	15-5-1998	2,44,200	Milometer not in running	In running condition
Tractor	13.12.2023	790000	16 hr	In running condition
Motorcycle	4-5-2007	41,899	Sent to DEE, SKNAU, Jobner	In running condition
Motorcycle	2011-12	50,000	14572	In running condition

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Slide Projector	1995	13,835	In working condition
Screen	1995	1,495	In working condition
Over Head Projector	1995	7,145	In working condition
LCD Projector	2007	50,298	In working condition
TV	2010	17000	In working condition
DVD Player	2010	3000	In working condition
Camera	2010	15000/-	In working condition

Water Cooler	2010	18000/-	In working condition
K-Yan (community Computer)	2011-12	76650	In working condition
Portable AC	2011-12	27632	In working condition
Sharp vaccum cleaner	2011-12	8763	In working condition
Analytical balance	2011-12	81585	In working condition
Trinocular stereo zoom microscope	2011-12	108485	In working condition
Advance Research microscope	2011-12	53210	In working condition
Digital camera with Adopter	2011-12	53296	In working condition
Laminar Air Flow	2011-12	60450	In working condition
Insect light Trap with UV tube & Battery	2011-12	29700	In working condition
BOD incubator	2011-12	101000	In working condition
Oven Universal	2011-12	25000	In working condition
Autoclave	2011-12	82000	In working condition
Centrifuge Machine	2011-12	19900	In working condition
Colony counter	2011-12	6200	In working condition
Water soil testing kit	2011-12	25500	In working condition
Pusa STFR Kit	2015-16	47500	In working condition
All in one PC (Two)	2020-21	89000	In working condition
AC (Window) One	2020-21	31000	In working condition
Inverter	2020-21	30000	In working condition

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

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
1.	13.07.2023	1. Dr Sudesh Kumar, Director, DEE, SKNAU, Jobner 2. Dr. P. P. Rohilla, Principal Scientist, ATARI, Jodhpur 3. Dr. Mahesh Datt, Dean, COA, Lalsot 4. Sh. P. C. Meena, Joint Director Agriculture (Extension) 5. Sh. Fateh Saini, Deputy Director and PD, ATMA 6. Sh. Manoj Kumar Meena, ARO, (STL, Dausa) 7. Sh. Surgyan Singh Gurjar, Agriculture Officer, Dausa 8. Sh. Subhash Meghwal, Agriculture Officer, Dausa 9. Sh. Manoj Chaudhary, Field Officer, IFFCO 10. Sh. Sunil Kumar Gupta, Deputy Registrar, Corpotive, Dausa 11. Sh. Rajendra Kumar Kaushik, Field Supervisor, Dausa Dairy 12. Sh. Dilip Kumar Sharma, Field Supervisor, Dausa Dairy 13. Smt. Neha Joshi, Mahila Adhikarita, Dausa 14. Sh. Kailash Chand Bairwa, Veterniary Officer, AH, Dausa 15. Sh. Om Prakash Pareek, Director, HGVS, NGO, Dausa 16. Ft. Lakwin Fernando, Director, JSKS, Dausa 17. Smt. Mohini Devi Meena, Progressive Farm Woman 18. Smt. Papita Devi Meena, Progressive Farm Woman 19. Smt. Mosami Devi Meena,	1. Increase the area and extension of Integrated Farming System 2. Create awareness among farmers for water saving techniques 3. Increase area in Horticulture 4. Organise need based training programme for farmer and technological gap analysis should be done before conducting FLDs and OFTs	1. ….. 2. … 3. …. 4. … 5. … 6. … 7. … 8. … …

		Progressive Farm Woman 20. Sh. Babu Lal Meena, Progressive Farmer 21. Sh. Shyam Sundar Sharma, Progressive Farmer 22. Sh. Anand Singh Gurjar, Farmer 23. Sh. Lekhraj Gurjar, Farmer 24. Sh. Radhey Shyam Meena, Farmer 25. Sh. Veeru Gurjar, Farmer 26. Sh. Dinesh Gupta, Farmer 27. Smt. Geeta Devi, Farmer 28. Dr. B. L. Jat, Senior Scientist & Head, KVK Dausa 29. Dr. Akshay Chittora, SMS, KVK Dausa 30. Dr. M. R. Dhakar, Farm Manager, KVK Dausa		

2. DETAILS OF DISTRICT (2023)

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

S. No	Farming system/enterprise
	Crop + Dairy
	Crop + Dairy + Horticulture

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

S. No	Agro-climatic Zone	Characteristics
1	Semi-arid eastern plain III A	Semi-arid

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
	Sandy loam	Sandy loam	Majority

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

S. No	Crop	Area (ha)	Production (MT.)	Productivity (kg/ha)
1	Pearl millet	164556	285650	1736
2	Groundnut	15599	27208	1744
3	Cluster bean	4280	4560	1065
4	Sesame	6715	3175	473
5	Wheat	78610	339752	4322
6	Barley	9975	37446	3754
7	Mustard	61600	91660	1488
8	Chickpea	32050	49870	1556
9	Taramira	2650	1640	619

Source: Agriculture department, Dausa

2.5. Weather data

Month	Rainfall (mm)	Temperature ^{0} C		Relative Humidity (%)
		Maximum	Minimum	
January	19.61			
February	0			
March	25.54			
April	13.61			
May	60.0			
June	71.06			
July	262.47			
August	93.41			
September	49.82			
October	12.20			
November	4.08			
December	4.6			
Total	**616.4**			

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

Category	Population	Production	Productivity
Cattle	**146716**		
Crossbred			
Indigenous			
Buffalo	521559		
Sheep	59827		
Crossbred			
Indigenous			
Goats	309064		
Pigs			
Crossbred			
Indigenous	5838		
Rabbits	309		
Poultry			
Hens			
Desi	11543		
Improved			
Ducks			
Turkey and others			

Category	Area	Production	Productivity
Fish			
Marine			
Inland			
Prawn			
Scampi			
Shrimp			

2.7 Details of Operational area / Villages (2023)

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
		Dausa, Nangal Rajawatan, Lalsot, Ramgarh Pachwara, Bandikui, Sikrai, Sikandara, Bandikui, Baswa, Mahwa, Mandawar	Different villages	Wheat, Barley, Mustard, Gram, Pearl Millet, Groundnut, Sesame, Cluster bean, Vegetables, Fruits	Traditional method of crop production	Scientific package of practices for crop cultivation
					Less use of improved varieties	Emphasis on the use of improved varieties
					Poor nursery management practices	Emphasis on vegetable cultivation using healthy nursery

2.8 Priority/thrust areas

Crop/Enterprise	Thrust area
Wheat	Use of certified and recommended varieties of seeds, seed treatment, INM, weed management and Heat and cold stress management
Barley	Integrated nutrient management, Use of certified and recommended varieties of seeds
Mustard	Use of improved varieties, proper seed rate, seed treatment and fertilization, Line sowing & use of gypsum, Integrated pest and disease management
Chickpea	Use of improved varieties and proper seed rate, seed treatment and fertilization, Line sowing, Integrated pest and disease management
Pearl millet	Integrated pest management, Use of recommended Varieties, line sowing and proper seed rate and weed management
Sesame	Recommended varieties, Integrated pest and disease management
Groundnut	Recommended varieties, proper seed rate, seed treatment, Integrated pest and disease management and application of gypsum
Cluster bean	Recommended varieties, proper seed rate, seed treatment, Integrated pest and disease management
Animal Production	Improved feeding, Breed improvement, Health and hygiene management.
Fruits	Improved varieties of fruit plants, Integrated pest and disease management
Vegetables	Use of recommended and Hybrid varieties, Nursery management, Integrated nutrition management
Fennel	Improved varieties of seeds, Integrated pest and disease management
Women & child	Improvement in Family & Child Nutrition and health & hygiene, Value addition in fruits, vegetables & Rural crafts.

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities by KVK during 2021

OFT (Technology Assessment)				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
6	5	60	50	174	175.77	460	424

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	56	26	1380	497	713		3350	
Rural youth	4	3	120	90				
Extn. Functionaries	2	2	50	40				

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
100			37000		

I.A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops by KVKs

Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of farmers
Integrated Nutrient Management	Tomato	Micro nutrient management in tomato	10	10
Varietal Evaluation	Barley	Assessment of salt tolerant latest varieties of barley	10	10
Integrated Pest Management	Chickpea	Management of pod borer in chickpea	10	10
Integrated Crop Management				
Integrated Disease Management				
Small Scale Income Generation Enterprises				
Weed Management	Groundnut	Weed management in groundnut using post emergence herbicide	10	10
Resource Conservation Technology				
Farm Machineries				
Integrated Farming System				
Seed / Plant production				
Post Harvest Technology / Value addition				
Drudgery Reduction				

Storage Technique				
Others (Growth regulation)	Bottle gourd	Growth regulation in bottle gourd using pruning	10	10
Total				

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

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 ASSESSMENT IN DETAIL

(From each state please include the full details of three OFTs on technology assessment 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)

WEED MANAGEMENT

Problem definition: *Heavy infestation of weed in groundnut*

Technology Assessed: *Weed management in groundnut*

KVK Dausa took up on-farm trial on chemical weed management in groundnut. The results indicated that the use of Imazythapyr 10SL @ 50 g a i/ha as post emergence spray gave at par yield and saved additional cost of Rs. 6000/- over hand weeding. B:C ratio of recommended technology was 3.56 while farmer's practice was 3.11.

Table: Effect of Imazythapyr 10 SL as post emergence herbicide in groundnut

Technology Option	*No.of trials*	*Yield (qt./ha)*	*Increase in yield (%)*	*Net Return (Rs./ha)*	*B:C Ratio*
Two times hand weeding (T_1- Farmers Practice)	*10*	*19.2*		*93228*	*3.11*

T_2- Imazythapyr 10 SL @ 50 g a.i./ha 30 DAS		*19.0*	*-1.04*	*97953*	*3.56*

PEST AND DISEASE MANAGEMENT

Problem definition: *Low yield in chickpea due to pod borer infestation*

Technology Assessed : *Management of pod borer in chickpea*

Chickpea is an important commercial crop of Dausa district of Rajasthan. However, there is high incidence of pod borer pest resulting in yield loss. KVK Dausa conducted on-farm trial to ***assess*** *application of Emamectin benzoate 5 SG @ 200 g/ha. It increased the yield of chickpea by 17.09 per cent over farmer's practice.*

Table: Effect of spray of Emamectin benzoate in chickpea

Technology Option	*No.of trials*	*Number of pod borer/m^2*	*Yield (q/ha)*	*% Increase in yield over farmer's practice*	*B:C Ratio*
T_1- Farmers Practice (Quinolphos 1.5 DP @ 25 kg/ha)	*10*	*3.0*	*15.8*		*1.89*
T_2- Recommended Practice (Emamectin benzoate 5 SG @ 200 g/ha at flowering stage)		*0.7*	*18.5*	*17.09*	*2.16*

VARIETAL ASSESSMENT

Problem definition: *Low yield in barley due to salinity*

Technology Assessed: *Latest salt tolerant variety of barley RD 2907*

In some areas of Dausa district of Rajasthan there is severe problem of salinity resulting in yield loss. KVK Dausa conducted on-farm trial to ***assess*** *performance of latest salt tolerant variety RD 2907.*

Table: Assessment of latest salt tolerant variety RD 2907 in saline soils

Technology Option	*No.of trials*	*Yield (qt./ha)*	*Increase in yield (%)*	*Net Return (Rs./ha)*	*B:C Ratio*
RD- 2552 (T_1- Farmers Practice)	*10*	*In progress*			
T_2- RD- 2907					

NUTRIENT MANAGEMENT

Problem definition: *Lower productivity and profitability in tomato cultivation due to lack of application of micronutrients*

Technology Assessed: *Micro nutrient management in tomato*

KVK, Dausa conducted on-farm trial to find out the effect of foliar spray of micronutrients to enhance the tomato productivity. The ***assessed*** *practice of micro nutrients mixture (Zn-5.0%, Fe-4.0%, Mn-2.5%, Cu-0.8%, B-1.5%, Mo-0.1%, Mg-2.0%, S-2.8%) was found to be better with 16.8 % increase in yield.*

Table: Effect of micronutrients mixture in tomato

Technology Option	*No. of trials*	*Fruit weight (g)*	*No. of fruits/ plant*	*Yield (q/ha)*	*Increase in Yield (%)*	*B:C Ratio*
T_1 - No foliar spray of micronutrients (Farmers Practice)	*10*	*50.06*	*27.0*	*239.9*	*-*	*2.54*
T_2 - Foliar spray of micro nutrients mixture @ 2g/ lit at 60 and 90 DAP (Recommended Practice)		*56.12*	*28.11*	*280.2*	*16.80*	*2.92*

GROWTH MANAGEMENT

Problem definition: *Lower yield in bottle gourd*

Technology Assessed: *Assessment of pruning technique in bottle gourd*

KVK, Dausa conducted on-farm trial to find out the effect of pruning to enhance the bottle gourd productivity. The ***assessed*** *practice of pinching treatment on the main branch at 30 DAS and lateral branches at 6th node at 50 DAS increased the fruit yield by 9.44%*

Table: Effect of pruning in bottle gourd grown on pandal training

Technology Option	***No. of trials***	***Yield (q/ha)***	***Increase in Yield (%)***	***B:C Ratio***
T_1 - No pruning (Farmers Practice)	*10*	*377.2*		*2.81*
T_2 - pinching of the main branch at 30 DAS and lateral branches at 6th node at 50 DAS		*412.8*	*9.44*	*2.99*

II. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2023 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	Chickpea	Integrated Crop Management	1.Improved Variety GNG 2171 2. Seed treatment. 3. Proper seed rate	Training Demonstration; Field Day; Technical Literature; Radio broadcasting	20	495	375
2	Mustard	Integrated Crop Management	1.Improved Variety Radhika 2. Balanced use of fertilizers. 3. Proper seed rate	Training Demonstration; Radio Broadcasting;	75	450	425
3	Wheat	Integrated Crop Management	1.Improved Variety (Raj 4238) 2. Balanced use of fertilizers. 3. Proper seed rate	Training Demonstration; Field Day; Technical Literature; T.V.Telecast	475	3255	2010
4	Groundnut	Integrated Pest Management/ Integrated Crop Management	1. Application of imidacloprid 17.8 SL @ 300 ml/ha 2.Improved Variety GJG 19 3. Proper seed rate	Training Demonstration; Technical Literature; Radio Broadcasting, Phone Advice	65	300	250
5	Pearl millet	Integrated Pest Management/ Integrated Crop Management		Training Demonstration; Field Day; Technical Literature; Radio Broadcasting T.V.Telecast	123	690	585
6	Cluster bean	Integrated Crop Management	1.Improved Variety (RGC-1033, RGC-1038) 2. Proper seed rate	Training Demonstration; Technical Literature; Advice	35	305	125

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

b. Details of FLDs implemented during 2023 (Information is to be furnished in the following **three tables** for **each category** i.e. **cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops**.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
	Oilseeds									
1.	Groundnut	Integrated Crop Management	Use of imidacloprid and FeSO4	Kharif 2023	30	30	31	29	60	
2.	Groundnut (TSP)	Integrated Crop Management	Improved variety GJG 19, seed treatment & PoP	Kharif 2023	20	20	50	0	50	
3.	Til	Integrated Crop Management	Improved variety RT 351, seed treatment & PoP	Kharif 2023	20	6	0	15	15	
4.	Mustard	Integrated Crop Management	Improved Variety (Radhika), Balanced use of fertilizer & PoP	Rabi-2022-23	20	20	9	31	40	
5.	Mustard	Integrated Crop Management	Improved Variety (PM-30 Bio fortified)Balanced use of fertilizer, Proper seed rate	Rabi-2022-23	10	13	5	20	25	
6.	Mustard	Integrated Crop Management	Improved Variety (Radhika and Rukmani), seed treatment, Balanced use of fertilizer & PoP	Rabi 2023-24	30	30	53	7	60	
	Pulses									
7.	Chickpea	Integrated Crop Management	Improved Variety GNG-2171, Proper seed rate, seed treatment	Rabi-2022-23	30	30	48	12	60	
8.	Chickpea (TSP)	Integrated Crop Management	Improved Variety GNG-2144, Proper seed rate, seed treatment	Rabi-2023-24	20	20	40	0	0	
	Cereals									
9.	Pearl millet	Integrated Crop Management	Improved Variety RHB 223 & RBH 233 & PoP	Kharif 2023	5	5.62	13	2	15	
10.	Pearl millet	Integrated Crop Management	Improved Variety bio fortified HHB 299 & PoP	Kharif 2023	15	19.75	33	15	48	
11.	Wheat	Integrated Crop Management	Improved Variety (Raj 4238), Balanced use of fertilizer, Proper seed rate	Rabi-2022-23	10	10	12	13	25	
12.	Wheat	Integrated Crop Management	Improved Variety (Raj 4238), Proper seed rate & PoP	Rabi-2023-24	10	10	12	13	25	

13.	Wheat (TSP)	Integrated Crop Management	Improved Variety (Raj 4238), & PoP	Rabi-2023-24	25	28.4	71	0	71	
	Other Crops									
14.	Tomato	Integrated Crop Management	Improved Variety Arka Samrat, & PoP	Kharif 2023	5	5	7	13	20	
15.	Tomato (TSP)	Integrated Crop Management	Improved Variety Arka Samrat, & PoP	Rabi-2023-24	1.0	1.0	10	0	10	

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					
Oilseeds											
Groundnut	Kharif 2023	Irrigated	Sandy loam	L	L	M	Wheat	1st week of July	1st and 2nd week of October		
Groundnut (TSP)	Kharif 2023	Irrigated	Sandy loam	L	L	M	Wheat	1st week of July	1st week of October		
Til	Kharif 2023	Irrigated	Sandy loam				Wheat	1st week of July	Last week of September		
Mustard	Rabi-2022-23	Irrigated	Sandy loam	L	L	H	Pearl millet	Last week of October	Last week of February		
Mustard	Rabi-2022-23	Irrigated	Sandy loam	L	L	H	Pearl millet	Last week of October	Last week of February		
Mustard	Rabi 2023-24	Irrigated	Sandy loam	L	L	H	Cluster bean	Last week of October	Last week of February		
Pulses											
Chickpea	Rabi-2022-23	Irrigated	Sandy loam	L	L	M	Pearl millet	Last week of October to 1st week of November	2nd to 3rd week of March		
Chickpea (TSP)	Rabi-2023-24	Irrigated	Sandy loam				Pearl millet	1st week of November			

Cereals											
Pearl millet	Kharif 2023	Rainfed	Sandy loam				Wheat	1st week of July	3rd week of September		
Pearl millet	Kharif 2023	Rainfed	Sandy loam				Mustard	1st and 2nd week of July	Last week of September		
Wheat	Rabi-2022-23	Irrigated	Sandy loam				Pearl millet	Third and fourth week of November	3rd and 4th week of March		
Wheat	Rabi-2023-24	Irrigated	Sandy loam				Pearl millet	Third and fourth week of November			
Wheat (TSP)	Rabi-2023-24	Irrigated	Sandy loam				Pearl millet	Third and fourth week of November			
Other Crops											
Tomato	Kharif 2023	Irrigated	Sandy loam				Wheat				
Tomato (TSP)	Rabi-2023-24	Irrigated	Sandy loam				Pearl millet				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
Mustard	Variety DRMRIJ-31 has good plant height and number of branches and pods per plant are higher. The pod size is bigger but grain size was comparatively smaller. Grain colour was good.
Groundnut (component)	GJG-19 is high yielding spreading type and tolerant to collar rot disease and seed treatment with Imidachlorprid 600 FS @ 6ml/kg was also effective in controlling the white grub in groundnut crop
Chickpea	GNG 2171 has medium seed sized having good yield potential.
Pearl millet	HHB 299 is bio fortified variety is rich in iron and zinc being beneficial for human health
Wheat	Raj 4238 is Medium in plant height, profuse tillering and good yield potential

Farmers' reactions on specific technologies

S. No.	Feed Back
Mustard	Good plant height and number of branches and pods per plant are higher. The pod size is bigger but grain size was comparatively smaller
Groundnut (GJG 19 and use of Imidachloprid and FeSO4)	High yielding spreading type and tolerant to collar rot disease. Use of Imidachlorprid 17.8 SL was also effective in controlling the white grub and FeSO4 cured the yellowing of leaves
Chickpea	Medium seed and good seed colour and good yield potential
Wheat	Good chapatti making quality, higher tillering and good yield of grain and straw
Pearl millet (Bio fortified)	Good grain as well as fodder yield in rainfed condition

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	4	25.02.2023, 28.03.2023, 06.10.2023, 13.10.2023	128	
2	Farmers Training	13		288	
3	Media coverage				
4	Training for extension functionaries				

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	ICM	Use of imidacloprid and FeSO4	GJG 19	60	30	23.0	17.5	19.92	17.1	16.49	47762	142030	94268	2.97	45252	124047	78795	2.74
	ICM	Improved variety & PoP	GJG 19	50	20	23.0	17.0	19.84	17.40	14.02	47622	141520	93898	2.97	45252	125960	80708	2.78
Sesamum	ICM	Improved variety RT 351 & PoP	RT 351	15	6.0	9.0	6.0	7.0	6.0	16.67	41611	60445	18834	1.45	41358	51810	10452	1.25
Mustard (2022-23)	ICM	Improved variety Radhika & PoP	Radhika	40	20	25.0	19.0	21.8	19.1	14.14	41110	123538	82428	3.00	42970	109095	66125	2.54
Mustard (2022-23)	ICM	Bio fortified variety PM 30	PM 30	25	13.0	25.0	18.0	21.21	17.83	18.96	41110	120595	79485	2.93	42970	102174	59204	2.38

Mustard (2023-24)	ICM	Improved variety and PoP	Radhika and Rukmani	60	30					In progress									
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																		
Blackgram																		
Greengram																		
Chickpea (2022-23)	ICM	Improved variety, seed treatment and PoP	GNG 2171	60	30	23.5	18.5	20.7	17.0	21.94	45088	106667	61579	2.36	47262	88000	40738	1.86

Chickpea (2023-24) TSP	ICM	Improved variety, and PoP	GNG 2144	40	20					In progress									
Fieldpea																			
Lentil																			
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 (2022-23)	ICM	Improved variety Raj 4238	25	10	56.0	45.0	50.56	44.40	13.87	57.96	51.08	76675	165400	88725	2.16	76547	145430	68883	1.90
Wheat (2023-24)	ICM	Improved variety Raj 4238 & PoP	25	10					In progress										

Wheat (2023-24) TSP	ICM	Improved variety Raj 4238& PoP	71	28.4					In progress										
Wheat Timely sown																			
Wheat Late Sown																			
Mandua																			
Barley																			
Maize																			
Amaranth																			
Millets																			
Jowar																			
Bajra	ICM	Bio fortified variety HHB 299	48	19.75	24.0	16	18.57	16.15	14.98	41.51	37.57	34385	65979	31594	1.92	41005	58336	17331	1.42
	ICM	Improved variety RHB 223 and RHB 233	15	5.62	24	16	19.33	16.93	13.99	42.93	38.33	34385	68498	34113	1.99	41005	60598	19593	1.48
Barnyard millet																			
Finger millet																			
Vegetables																			
Bottlegourd																			

Bittergourd																			
Cowpea																			
Spongegourd																			
Petha																			
Tomato	ICM	Improved variety Arka Samrat & PoP	20	5.0	262	230	244.8	226.95	7.86			95441	367200	271759	3.85	89441	340425	250984	3.80
Tomato (TSP)	ICM	Improved variety Arka Samrat & PoP	10	1.0	284.2	240	266.7	236.68	12.68			95441	320040	224599	3.35	89441	284016	194575	3.17
French bean																			
Capsicum																			
Chilli																			
Brinjal																			
Vegetable pea																			
Softgourd																			
Okra																			
Colocasia (Arvi)																			

Broccoli
Cucumber
Onion
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																			
Oat (F)																			

* 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																	

Sheep & Goat																	
Vaccination																	

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

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

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)

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

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										
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/irrigation										
Seed production										
Nursery management										
Integrated Crop Management	6	3	17	20	43	69	112	46	86	132
Soil & water conservatioin	1	0	0	0	13	6	19	13	6	19
Integrated nutrient management	1	17	1	18	6	0	6	23	1	24
Production of organic inputs	1	0	0	0	8	18	26	8	18	26
Others (pl specify)										
Total	**9**	**20**	**18**	**38**	**70**	**93**	**163**	**90**	**111**	**201**
II Horticulture										
a) Vegetable Crops										
Production of low value and high volume crops	2	0	0	0	2	43	45	2	43	45
Off-season vegetables	1	0	0	0	15	0	15	15	0	15
Nursery raising	1	0	0	0	16	0	16	16	0	16
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others (pl specify)										
Total (a)	**4**	**0**	**0**	**0**	**33**	**43**	**76**	**33**	**43**	**76**
b) Fruits										
Training and Pruning										
Layout and Management of Orchards	1	0	0	0	11	6	17	11	6	17
Cultivation of Fruit	2	2	0	2	30	8	38	32	8	40
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)	**3**	**2**	**0**	**2**	**41**	**14**	**55**	**43**	**14**	**57**
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl specify)										
Total (c)										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (d)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (e)										
f) Spices										
Production and Management technology										
Processing and value addition										

Others (pl specify)										
Total (f)										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others (pl specify)										
Total (g)										
GT (a-g)										
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										
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Disease Management										
Feed & fodder technology										
Production of quality animal products										
Others (pl specify)										
Total										
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care										
Others (pl specify)										
Total										
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	2	1	0	1	12	17	29	13	17	30
Mobilization of social capital										
Entrepreneurial development of farmers/youths	2	0	0	0	14	22	36	14	22	36
WTO and IPR issues										
Others (pl specify)										
Total	**4**	**1**	**0**	**1**	**26**	**39**	**65**	**27**	**39**	**66**
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (pl specify)										
Total										
GRAND TOTAL	**20**	**23**	**18**	**41**	**170**	**189**	**359**	**193**	**207**	**400**

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	18	0	18	2	0	2	20	0	20
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification	1	10	6	16	4	0	4	14	6	20
Integrated Farming										
Micro Irrigation/irrigation										
Seed production										
Nursery management										
Integrated Crop Management	6	31	10	41	34	50	84	65	60	125
Soil & water conservatioin										

Integrated nutrient management										
Production of organic inputs	1	0	20	20	0	1	1	0	21	21
Others (natural farming)	1	0	0	0	12	12	24	12	12	24
Total	**10**	**59**	**36**	**95**	**52**	**63**	**115**	**111**	**99**	**210**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops	3	30	7	37	25	0	25	55	7	62
Off-season vegetables										
Nursery raising	1	0	23	23	0	1	1	0	24	24
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others (pl specify)										
Total (a)	**4**	**30**	**30**	**60**	**25**	**1**	**26**	**55**	**31**	**86**
b) Fruits										
Training and Pruning										
Layout and Management of Orchards	2	2	0	2	26	11	37	28	11	39
Cultivation of Fruit	3	22	0	22	31	5	36	53	5	58
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)	**5**	**24**	**0**	**24**	**57**	**16**	**73**	**81**	**16**	**97**
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl specify)										
Total (c)										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (d)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (e)										
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (f)										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others (pl specify)										
Total (g)										
GT (a-g)	**9**	**54**	**30**	**84**	**82**	**17**	**99**	**136**	**47**	**183**
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	1	0	0	0	1	21	22	1	21	22
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify)										
Total										
IV Livestock Production and Management										

Dairy Management										
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Disease Management										
Feed & fodder technology										
Production of quality animal products										
Others (pl specify)										
Total										
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care										
Others (pl specify)										
Total										
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	1	0	0	0	7	14	21	7	14	21
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 and FPO	1	0	0	0	3	14	17	3	14	17
Mobilization of social capital										
Entrepreneurial development of farmers/youths	2	1	13	14	10	13	23	11	26	37
WTO and IPR issues										
Others (pl specify)	1	0	0	0	2	16	18	2	16	18
Total	**4**	**1**	**13**	**14**	**15**	**43**	**58**	**16**	**56**	**72**
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (pl specify)										
Total										
GRAND TOTAL	**25**	**114**	**79**	**193**	**157**	**158**	**315**	**271**	**237**	**508**

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	1	18	0	18	2	0	2	20	0	20
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification	1	10	6	16	4	0	4	14	6	20
Integrated Farming										
Micro Irrigation/irrigation										
Seed production										
Nursery management										
Integrated Crop Management	12	34	27	61	77	119	196	111	146	257
Soil & water conservatioin	1	0	0	0	13	6	19	13	6	19
Integrated nutrient management	1	17	1	18	6	0	6	23	1	24
Production of organic inputs	2	0	20	20	8	19	27	8	39	47
Others (natural farming)	1	0	0	0	12	12	24	12	12	24
Total	**19**	**79**	**54**	**133**	**122**	**156**	**278**	**201**	**210**	**411**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops	5	30	7	37	27	43	70	57	50	107
Off-season vegetables	1	0	0	0	15	0	15	15	0	15
Nursery raising	2	0	23	23	16	1	17	16	24	40
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others (pl specify)										
Total (a)	**8**	**30**	**30**	**60**	**58**	**44**	**102**	**88**	**74**	**162**
b) Fruits										
Training and Pruning										
Layout and Management of Orchards	3	2	0	2	37	17	54	39	17	56
Cultivation of Fruit	5	24	0	24	61	13	74	85	13	98
Management of young plants/orchards										
Rejuvenation of old orchards										

Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)	**8**	**26**	**0**	**26**	**98**	**30**	**128**	**124**	**30**	**154**
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl specify)										
Total (c)										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (d)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (e)										
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (f)										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others (pl specify)										
Total (g)										
GT (a-g)										
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	1	0	0	0	1	21	22	1	21	22
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify)										
Total	**1**	**0**	**0**	**0**	**1**	**21**	**22**	**1**	**21**	**22**
IV Livestock Production and Management										
Dairy Management										
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Disease Management										
Feed & fodder technology										
Production of quality animal products										
Others (pl specify)										
Total										
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										

Value addition										
Women empowerment										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care										
Others (pl specify)										
Total										
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	1	0	0	0	7	14	21	7	14	21
Integrated Disease Management										
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others (pl specify)										
Total	**1**	**0**	**0**	**0**	**7**	**14**	**21**	**7**	**14**	**21**
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/ FPO	3	1	0	1	15	31	46	16	31	47
Mobilization of social capital										
Entrepreneurial development of farmers/youths	4	1	13	14	24	35	59	25	48	73
WTO and IPR issues										
Others (Mobilr apps)	1	0	0	0	2	16	18	2	16	18

Total	**8**	**2**	**13**	**15**	**41**	**82**	**123**	**43**	**95**	**138**
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (pl specify)										
Total										
GRAND TOTAL	**26**	**58**	**43**	**101**	**205**	**191**	**396**	**263**	**234**	**497**

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										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture										
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL										

Training for Rural Youths including sponsored training programmes (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										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture										
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL										

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

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										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture										
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance of										

farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL										

Training 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	1	4	1	5	10	5	15	14	6	20
Integrated Pest Management										
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs	1	0	8	8	0	12	12	0	20	20
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production										
Household food security										
Any other (pl.specify)										
TOTAL										

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										
Integrated Pest Management										
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										

Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production										
Household food security										
Any other (pl.specify)										
TOTAL										

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	1	4	1	5	10	5	15	14	6	20
Integrated Pest Management										
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs	1	0	8	8	0	12	12	0	20	20
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production										
Household food security										
Any other (pl.specify)										
TOTAL										

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	**3**	**2**	**26**	**28**	**29**	**88**	**117**	**31**	**114**	**145**
Commercial production of vegetables										
Production and value addition										
Fruit Plants										
Ornamental plants										
Spices crops										
Soil health and fertility management										
Production of Inputs at site										
Methods of protective cultivation	**1**	**48**	**0**	**48**	**50**	**2**	**52**	**98**	**2**	**100**
Others (pl. specify)										
Total										
Post harvest technology and value addition										
Processing and value addition										
Others (pl. specify)										
Total										
Farm machinery										
Farm machinery, tools and implements										
Others (pl. specify)										
Total										
Livestock and fisheries										
Livestock production and management										
Animal Nutrition Management										

Animal Disease Management										
Fisheries Nutrition										
Fisheries Management										
Others (pl. specify)										
Total										
Home Science										
Household nutritional security										
Economic empowerment of women										
Drudgery reduction of women										
Others (pl. specify)										
Total										
Agricultural Extension										
Capacity Building and Group Dynamics										
Others (FPO management)	**1**	**13**	**0**	**13**	**61**	**4**	**65**	**74**	**4**	**78**
Total										
GRAND TOTAL	**5**	**63**	**26**	**89**	**140**	**94**	**234**	**203**	**120**	**323**

Name of sponsoring agencies involved: ATMA, Department of Agriculture, Department of Horticulture, Jeevan Dhara (NGO), Star Agri Ltd etc.

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										
Composite fish culture										
Sheep and goat rearing										
Piggery										
Poultry farming										
Others (pl. specify)										
Total										
Income generation activities										
Vermicomposting										
Production of bio-agents, bio-pesticides,										
bio-fertilizers etc.										
Repair and maintenance of farm machinery										
and implements										
Rural Crafts										
Seed production										
Sericulture										
Mushroom cultivation										
Nursery, grafting etc.										
Tailoring, stitching, embroidery, dying etc.										
Agril. para-workers, para-vet training										
Others (pl. specify)										
Total										
Agricultural Extension										
Capacity building and group dynamics										
Others (15 days fertilizer retailer certificate course)	3	45	1	46	41	3	44	86	4	90
Total										
Grand Total	**3**	**45**	**1**	**46**	**41**	**3**	**44**	**86**	**4**	**90**

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	576	576	6	582
Diagnostic visits	2	6	8	14
Field Day	4	128	9	137
Group discussions				
Kisan Ghosthi	3	463	18	481
Film Show	4	120	4	124
Self -help groups				
Kisan Mela				
Exhibition	5	3983	17	4000
Scientists' visit to farmers field	30	92	44	136
Plant/animal health camps				
Farm Science Club				
Ex-trainees Sammelan				
Farmers' seminar/workshop				
Method Demonstrations				
Celebration of important days	6	211	30	241
Special day celebration	7	293	28	321
Exposure visits	1	61	3	64
Others (Lecture delivered)	10	1230	10	1240
Total	**648**	**7163**	**177**	**7340**

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	0
Extension Literature	0
News paper coverage	46
Popular articles	2
Radio Talks	1
TV Talks	2
Animal health amps (Number of animals treated)	0
Others (pl. specify)	0
Total	**51**

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only	8		4		10		20
	Voice only							
	Voice & Text both							
	Total Messages	**8**		**4**		**10**		**22**
	Total farmers Benefitted	**520**		**210**		**670**		**1400**

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	Raj 4037		49.2		
	Wheat	Raj 4238		13.6		25
Oilseeds						
Pulses						
Commercial crops						
Vegetables						
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						

Others						
Total						

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	Tomato		Arka Samrat, NSC 999	71335	142670	50
Fruits						
Ornamental plants						
Medicinal and Aromatic						
Plantation						
Spices						
Tuber						
Fodder crop saplings						
Forest Species						
Others						
Total						

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity Kg	Value (Rs.)	No. of Farmers
Bio Fertilisers				
Bio-pesticide				
Bio-fungicide				
Bio Agents				
Others	Vermi compost	170 kg	1190	6
	Worms	42 kg	6300	11
Total				

Table: Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Goat)	Sirohi	10	98500	10
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				

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)	No. of soil health cards distributed
Soil	**306**	**306**	**14**	**3060**	
Water					
Plant					
Manure					
Others (pl.specify)					
Total					

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Date of SAC Meeting	Participants
Dausa	13.07.2023	30

IX. NEWSLETTER/MAGAZINE

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

X. PUBLICATIONS

Category	Number
Research Paper	01
Technical bulletins	
Technical reports	28
Others (pl. specify)	

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.)**

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
SKNAU, Jobner	Promotion of organic farming and sustainable agriculture (16-18.01.2023)	01	01	
SKNAU, Jobner	Good Agricultural Practices (01-03.03.2023)	01	02	
RARI, Durgapura (SKNAU, Jobner)	International seminar on millets	01	03	
KVK Alwar	National workshop on FPO of honey bee producers	01	01	
SKNAU, Jobner	Dairy cattle management (07.10.2023)	01	02	
SKNAU, Jobner	Mushroom production (06.11.2023)	01	02	
RARI, Durgapura (SKNAU, Jobner)	International Millets Conclave (29-30.12.2023)	01	03	
Total				

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

Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
Annual zonal review workshop of KVKs	01	01	
Annual review meeting of TSP	01	01	
Total			

XIV. CASE STUDIES (CASE STUDIES MAY BE GIVEN IN DETAIL AS PER THE FOLLOWING FORMAT)

Each Zone should propose a minimum of three case studies with good action photographs (with captions on the backside of the hard copy of the photos) on the following topics

a) ***Effective popularization on a larger scale of any one FLD technology and its role in transformation of district agriculture with respect to that particular crop or enterprise***
b) ***Performance of the end results of any one technology assessed if any and its impact in district agriculture with respect to that crop or enterprise***
c) ***Effect of production and supply of seeds and planting material / animal breed / or bio-product and its impact on district agriculture with respect to that crop/ enterprise/ bio-product***

CASE STUDIES

Name of KVK	Dausa
Crop and Variety	Mustard and Radhika
Name of farmer & Address	Jagdish Sharma S/O Sh. Moolchand Sharma Village: Badoli, block: Nangal Rajwtan, Dist. Dausa
Background information about farmer field	Farmers are using own seed of Bio-902 and Aravali without seed treatment and they do not apply herbicide and gypsum
Details of technology demonstrated	Variety- Radhika Seed treatment with Carbendazim 50 WP @ 2 g/kg and Imidacloprid 600 FS @ 9ml/kg seed ZnSO4 33% 16 kg/ha Pendamethalin 30 EC @ 600 g a.i./ha Gypsum @ 250 kg/ha
Institutional Involvement	KVK is involved from before seed sowing to harvesting by conducting on or off campus trainings, field visits, telephonic talks and kisan mela etc.
Success Point	Good yield and returns
Farmer Feedback	Farmers liked the variety for better branching and good yield
Outcome Yield (q/ha)	
- Demonstration	Demonstration: 25 q/ha
- Potential yield of variety/technology	Potential yield of variety/technology: 30 q/ha
- District average (Previous year)	District average (estimated): 18.14 q/ha
- State average (Previous year)	State average (estimated): 17.4 q/ha

Performance of technology vis-à-vis Local check (Increase in productivity and returns)

Specific Technology	Yield (q/ha)	Gross cost (Rs/ha)	Gross income (Rs/ha)	Net income (Rs/ha	B:C ratio
Farmer practices	21	42910	119450	76540	2.78
Demonstration	25	41110	141250	100140	3.43
% Increase	19.04				

XIII. STATUS REVOLVING FUNDs

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st January of each year
January 2021 to December 2021	1785971 (1 January 2021)	1258532	1251409	1902908 (31 December 2021)
January 2022 to December 2022	2150834 (1 January 2022)	1436217	660884	2926167 (31 December 2022)
January 2023 to December 2023	2922810			4569069

Note :

1. **A separate report of Nutri Sensitive Agricultural Resources & Innovation (NARI) including Nutritional Maps must be submitted. (Demonstration on biofertified, kitchen gardening, Nutri-Thali)**
2. **Various National Programmes organized during 2023 including International Women Day (8 March, 2023), Krushi ki Bhagidari Paraampara Hamari (26 April, 2023), Garib Kalyan Yojana (31 May, 2023), Rashtriya Poshan Mah & Rashtriya Poshan Day (17th September, 2023), Kisan Sammelan & Entrepreneur Conclave (17 October, 2023), World Soil Day (5th December, 2023), etc.**
3. **Value Addition Technology Incubation Centre in Agriculture (VATICA)**
4. **Progress of Project of Ministry of Food Processing & Industries (only KVKs Kota and Barmer-I)**
5. **Farmer Producer Organisation (FPOs) : (KVKs – Barmer-I, Jalore-I, Sriganganagar, Ambala, Rewari and Fatehabad).**
6. **Most successful cases (At least two cases by each KVK) need to be submitted.**
7. Feedback need to be furnished
    - Feedback for policy makers
    - Feedback for researchers (Technology performance and future research as per demand of farming community of particular district)
    - Feedback for Development Department
    - Impact of most acceptable interventions/technologies
    - Doubling Farmers Income (one page write up with full justification)
    - Performance of Farmer Producer Organization (one page write up with scientific base and Cluster Based Business Organization)