PROPOSED ACTION PLAN OF KVKs FOR THE YEAR2024

(1st January 2024 to 31st December 2024)

1. GENERAL INFORMATION

1.1 Name of KVK

Address	Telephone		E mail	Website
KVK, Chak - 27 - NTR, Nohar, District-Hanumangarh-335523	Office	FAX	kvknohar@gmail.com	http://hanumangarh2.kvk2.in
	-	-		

1.2. Status of KVK website: Yes

1.3 No. of Visitors (Hits) to KVK website (as on today):

1.4 Status of ICT lab at your KVK:

1.5Details of Senior Scientist & Head

Name	Telephone / Contact		
	Office	Mobile	Email
Dr. Suresh Chand Kantwa	-	7697192001	kvknohar@gmail.com

1.6Date of establishment: 2012

1.7 Staff Position (as on 1 January, 2024)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Level of Pay	Present basic pay (Rs.)	Date of joining	Category (SC/ST/OBC/ Others)
1.	Senior Scientist & Head	Dr. Suresh Chand Kantwa	Senior Scientist and Head	Livestock Production Management	37400-67000/-	135300	16.09.2022	GEN
2.	Subject Matter Specialist	Dr. Vikramjit Singh	Subject Matter Specialist	Animal Science	15600-39100	39300	29.08.2022	OBC
3.	Subject Matter Specialist	Dr. Ashok Choudhary	Subject Matter Specialist	Agronomy	15600-39100	39300	29.08.2022	GEN
4.	Subject Matter Specialist	Dr. Gulab Choudhary	Subject Matter Specialist	Horticulture	15600-39100	39300	01.09.2022	GEN
5.	Subject Matter Specialist	Mr. Akshaya Ghintala	Teaching Associate	Agri. Ext.	40000 / month	40000 / month	27.07.2023	OBC
6.	Subject Matter Specialist	-		Entomology	-	-	-	-
7.	Subject Matter Specialist	-		Home Science	-	-	-	-
8.	Programme Assistant	-	-	-	-	-	-	-

9.	Computer Programmer	-			-	-	-	-
10.	Farm Manager	-	-	-	-	-	-	-
11.	Accountant / Superintendent	-			-	-	-	-
12.	Stenographer	-	-	-	-	-	-	-
13.	Driver			-	-	-	-	-
14.	Driver	-			-	-	-	-
15.	Supporting staff	-			-	-	-	-
16.	Supporting staff	-			-	-	-	-

1.8 Infrastructure:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Year	Plinth area (Sq.m)	Expenditure (Rs.)	Starting year	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	2022	550 m^2	144.47 lakh	-	-	Completed
2.	Farmers Hostel	ICAR	2023	305 m^2	91.5 lakh	-	-	Completed
3.	Staff Quarters (6)	-	-	-	-	-	-	-
4.	Vermicompost	ICAR	2022	36 m^2	0.25 lakh	-	-	Completed
5.	Technology Park	ICAR	-	0.25ha	-	-	-	Completed
6.	Azolla	ICAR	2022	36 m^2	0.25 lakh	-	-	Completed
7.	Rain Water harvesting system	ICAR	2023	-	-	-	-	Completed
8.	Fencing	-	-	-	-	-	-	-
9.	Threshing floor	-	-	-	-	-	-	-
10.	Farm godown	-	-	-	-	-	-	-
11	Poultry Unit	RF	2023	36 m^2	1.20 lakh	-	-	Completed
12	Goat Unit	RF	2023	520 m^2	3.25 lakh	-	-	Completed

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor	2012-13	4,40,107.00	34183	Working condition
Trolley	2012-13	1,55,232.00	-	Working condition
Bolero SLE2 WD	2013-14	6,65,306.00	88342	Working condition

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Digital Camera	2012-13	7990.00	working condition
Computer	2012-13	Transferred from the office of DEE	working condition
Printer	2012-13	Transferred from the office of DEE	working condition
Public Address System (Mike & Speaker)	2012-13	Transferred from the office of DEE	working condition
Projector	2013-14	Transferred from the office of DEE	working condition
Inverter	2013-14	Transferred from the office of DEE	working condition
Xerox	2015-16	1,20,330.00	working condition

Camera (Nikon D 5300)	2015-16	49,950.00	working condition
Computer-3	2015-16	1,62,684.00	working condition
Printer	2015-16	15981.00	working condition
Printer (HP Laser Jet N 202DW)	2015-16	17,370.00	working condition
Water Pump 1 HP	2016-17	4400.00	working condition
Inverter Battery	2016-17	23000.00	Not working
Monitor (LED) 40 Inches	2016-17	44437.50	working condition
Mirdaparikshak Soil testing Kit	2016-17	90300.00	Not working
Mirdaparikshak Soil testing Kit	2017-18	90300.00	Not working
D-link Modem	2018-19	2500.00	working condition
Computer All in One	2022-23	73437.00	working condition
HP Laser Jet Printer	2022-23	22774.00	working condition
UPS	2022-23	2242.00	working condition
3 HP Mono Submersible motor	2022-23	13499.00	working condition
Split Air Conditioners-7	2022-23	313200.00	working condition
Refrigerator	2022-23	23500.00	working condition
Water Cooler	2022-23	41200.00	working condition
Water Purifier	2022-23	21900.00	working condition
Electric Geyser-02	2022-23	14400.00	working condition
Air Coolers-08	2022-23	98800.00	working condition
Electric Weighing Machine	2023-24	6356.00	working condition
Garmin GPS	2023-24	14750.00	working condition
CCTV System	2023-24	98916.00	working condition
Inverter Battery	2023-24	85079.00	working condition

1.9 Participation in ZAREC Meeting:

Sl. No.	Date of ZAREC Meeting	Technology presented by KVK	Outcome of the Meeting
1	21-22 March, 2023	1. Result of CFLD on Pulses	-
2	14-15 September, 2023	2. Assessment of salt tolerant wheat variety KRL 213	Wheat variety KRL 213 was found to have good performance in terms of grain yield in saline (ECe 6.0 dS/m) as well as alkaline (up to pH 9.2) soils, so it can be grown more successfully in that soil zones of the district.
		3. Assessment of Probiotics to improve growth performance in goat	Probiotics along with balanced ration was found to improve growth performance in goat, hence can be incorporate in daily diet @ 15gm per buck per day for 60 days.

1.10 Proposed SAC meetings in the year

S. No.	Date
1. Scientific Advisory Committee	As per the direction of ATARI Jodhpur

1.11Agriculture scenario of District

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

S. No	Farming system/enterprise	Area (ha)/No
1	Crop production	819 ha
2	Crop production –Horticulture	-
3	Crop production -Horticulture -Animal husbandry	-

1.11.2 Agro-climatic Zone & agro ecological situations (based on soil and topography)

Sl. No.	Agro-climatic Zone	Soil type and characteristics	Topography
	Zone 1b (Irrigated North-Western Plains)	50% of the cultivated area in the zone is irrigated. The Gang canal, Bhakhra canal and Indira Gandhi canal are the major sources of irrigation in the zone. The zone has extreme climatic conditions with the scorching summer, cold winter and mild rainy season. Dust storms during summer, frosty winter nights and ground fog are some of the typical features of weather hazards. The mean annual rainfall of the zone is 322 mm. In Hanumangarh District, we find hot summer, cool winter, unreliable rainfall and great variation in the temperature (2.1^{0}C in Jan. to 47.9^{0}C in June). The rainfall mostly restricted to rainy season. The monsoon normally comes in the first week of the July and recedes in the last week of September.	The Irrigated North-western Plain Zone (1b) comprises two districts of Rajasthan, Sriganganagar and Hanumangarh, which are located between 28.40 to 30.60 North latitude and 72.30 to 75.30 East Longitudes. The Ferozpur district of Punjab and Hisaar District of Haryana form North-Western boundary, Churu and Bikaner districts of Rajasthan form south boundary and international border of Pakistan forms the North and North-Western Boundary of the zone
1	Rainfed Area	Nohar & Bhadra tehsils possess fine sand to loamy sand soil, sand dunes found in the area.	Nohar & Bhadra tehsils possess sandy to loamy sandy soil, sand dunes also found in the areas. Major Kharif and Rabi crops are guar, bajra, kharif pulses, gram, taramira, barley & wheat.
2	Salt affected soil	Rawatsar, Tibbi, Nohar and Bhadra tehsils sandy and alkaline soil. Saline ground water, not suitable for irrigation, paddy wheat mustard, toria and fodder crops.	Rawatsar,Tibbi, Nohar and Bhadra tehsil possess sandy and alkaline soil and Saline ground water. This area not suitable for irrigation. Major Kharif and Rabi crops are paddy, wheat, mustard, toria and fodder crops.
3	Canal irrigated light & medium soil	Sangaria & Hanumangarh tehsils sandy loam to loamy sand having good drainage property &calcasious sub soil. Organic matter or nitrogen level low. P_2O_5 low to medium & K_2O medium to high. Ground water is saline.	Sangaria & Hanumangarh tehsils possess sandy loam to loamy sand having good drainage property &calcasious sub-soil. Ground water is saline. Status of soil fertility shows the availability of low organic matter & nitrogen, low to medium P_2O_5 and medium to high K_2O.
4	Ghaghar flood prone soil	Tibbi& Hanumangarh tehsils loam to salty loam soil, saline, alkaline problematic soils.	Tibbi& Hanumangarh tehsils possess loam to salty loam, saline, alkaline problematic soils. Major Kharif and Rabi crops are paddy, wheat, mustard & gram.

1.11.3 Major Soil Types in the district

S. No	Soil type	Characteristics	Area in ha
1	Rainfed Area	Nohar & Bhadra tehsils possess fine sand to loamy sand soil, sand dunes found in the area.	422077
2	Salt affected soil	Rawatsar, Tibbi, Nohar and Bhadra tehsils sandy and alkaline soil. Saline ground water, not suitable for irrigation, paddy wheat mustard, toria and fodder crops.	15440
3	Canal irrigated light & medium soil	Sangaria & Hanumangarh tehsils sandy loam to loamy sand having good drainage property &calcasious sub soil. Organic matter or nitrogen level low. P_2O_5 low to medium & K_2O medium to high. Ground water is saline.	353514
4	Ghaghar flood prone soil	Tibbi& Hanumangarh tehsils loam to salty loam soil, saline, alkaline problematic soils.	21790

1.11.4 (A) Area, Production and Productivity of major crops cultivated in the district (2022-23)

S. No	Crop	Area (ha)	Production (MT)	Productivity (Kg/ha)
Kharif				
1.	Cotton	221472	719784 Bales	3.37 Bales
2.	Bajra	26432	22467	850
3.	Paddy	32772	213018	6500
4.	Green Gram	91987	45994	500
5.	Moth	39772	7954	200
6.	Cluster bean	341831	170916	590
7.	Groundnut	14537	23529	1600
8.	Sesame	3773	1321	350
9.	Castor	1484	2033	1370
Rabi				
10.	Wheat	246192	1105032	4479

11.	Barley	10694	46108	4243
12.	Gram	174120	179933	1096
13.	Mustard	146867	157834	1755
14.	*Taramira*	22089	10294	480

Source: Office of Joint Director, Agriculture Extension, Zila Parishad, Hanumangarh

1.11.4 (B) Area, Production and Productivity of major vegetable & fruit crops cultivated in the district (2022-23)

S. No	Crop	Area (ha)	Production (MT)	Productivity (Kg/ha)
	Vegetable crops			
Kharif				
1.	Clusterbean	10	35	3500
2.	Bottle gourd	80	560	7000
3.	Brinjal	70	840	12000
4.	Okra	280	1176	4200
5.	Tomato	60	960	16000
6.	Green Chilli	100	195	2000
7.	Round gourd	80	480	6000
8.	Long melon	98	784	8000
9.	Cucumber	15	112.5	7500
Zaid				
10.	Clusterbean	3	12	4500
11.	Bottle gourd	60	350	6000
12.	Brinjal	42	250	5500
13.	Okra	110	432	4000
14.	Tomato	90	622	7000
15.	Green Chilli	60	310	5500
16.	Round gourd	80	440	5500
17.	Long melon	40	198	5000
18.	Watermelon	15	73.5	5000
19.	Muskmelon	30	208	7000
Rabi				
20.	Tomato	145	1305	9000
21.	Brinjal	85	1020	12000
22.	Carrot	220	3300	15000
23.	Radish	275	3300	12000
24.	Onion	120	1200	10000
25.	Pea	240	1920	8000
26.	Potato	2400	43200	18000
27.	Spinach	80	480	6000
28.	Sweet potato	15	60	4000
	Fruit crops			
29.	Guava	90	1125	12510
30.	Malta	89	1731	19460
31.	Kinnow	2408	100413	41700
32.	Mosambi	40	340	8500
33.	Datepalm	135	2042	17760
34.	Guava	90	1125	12510
35.	Malta	89	1731	19460

Source : office Dy. Director (Horticulture), Hanumangarh

1.11.5 Weather parameters (2023) of district Hanumangarh

Month	Rainfall (mm)	Temperature °C		Relative Humidity (%)	
		Maximum	Minimum	Maximum	Minimum
January, 2023	15	16.5	4.9	94.9	63.7
February, 2023	30	25.9	8.9	90.7	50.9
March, 2023	46	28.4	14.5	87.8	53.6
April, 2023	80	34.8	17.4	50.8	22.3
May, 202	82	36.7	21.6	63.2	28.5
June, 2023	98	37.8	26.3	78	35.2
July, 2023	122.5	36.2	27.2	94.2	54.5
August, 2023	0.5	37.7	27.8	73.0	40.5
September, 2023	16.5	37.6	25.2	86.7	35.2
October, 2023	2	34.8	19.1	78.7	24.1

November, 2023	1.5	27.9	13.3	93.0	33.1
December, 2023	0	24.8	8.0	99.1	29.4
Total/Avg.	**494**	**31.6**	**17.8**	**82.5**	**39.2**

Source: Office of the District Collector (L.R.) Hanumangarh

1.11.6 Livestock and Fisheries Production and productivity

Category	Population	Production	Productivity
Cattle			
Cow – indigenous	394301	139444 tons	-
Cow – crossbred	149963	233685 tons	-
Buffalo	302203	273542 tons	-
Sheep	170021	96885 kg (Wool)	-
Goats	180537	33440 tons	-
Pigs	969	-	-
Crossbred	50	-	-
Indigenous	919	-	-
Rabbits	-	-	-
Poultry			
Hens	77204	-	-
Desi	59223	-	-
Category		Production (Q.)	Productivity
Fish (Reservoir)	-	20162	-

*Department of Animal Husbandry and Dairying, 2019

1.11.7 Details of Operational area / Villages

Taluka	Block	Village	Total population	No. of farm households	Distribution of farmers according to size of land holdings			
					L	M	S	Total
Nohar	Nohar	Parlika, Ramgarh, 18 DPN, 17 DPN, Dilki, Ujjalvas, Chak-Sardarpura, Bhagwan, Bhukarkha, 19 NTR, 20 NTR, Thaladka, 22 NTR, 23 NTR, Deeplana, Barwali, 13 NTR, Jasana, Charanvasi, Chak- 14 DPN, Fefana, Dhani chranawali, Malwani, Lakhasar, Dhani raika, Toparia, Dhani BhambhuanNithrana, Kansar, Karamsana, Ranisar, Kikrali&Birkali, Chakdedaspura, Khuieya, Dhansia, Sirangsar, Dumasar, Mandarpura, Chak 16-17KNN, Chak 6 RPM, Nathwaniya, Gudiya, Gogamedi, Kanwani,Phephana, Karamshana	314587	58531	-	-	-	-
Bhadra	Bhadra	Berwala ki Dhani, Suratpura, Bhirani, Pacharwali, Momanwas, Motsara, lakhanwas, Bhanai, Sagara, Gandhi Badi, Karanpura, Sikrodi, Munsari, Jhansal, Barwana, Jatan,	290318	55615	-	-	-	-
Rawatsar	Rawatsar	Chaiya, Chak 15 KWD, Chak-4 AM, Kikraliya, Modhunagar, Chak Bhakrawala, Ramsara-Motoriya, Jorawarpura, Khetawalidhani, Dhannasar, Budhwaliya, Bherusree, 16 KWD, Nehra walidhani, Chanderi Choti, Nyolakhi,	205093	37254	-	-	-	-

1.11.8 Cropping Patterns & Problems

Taluka	Block	Village	Major crop/ enterprise	PRA completed on date	Problem identified	Ranking of problems
Nohar	Nohar	Parlika, Ramgarh, 18 DPN, 17 DPN, Dilki, Ujjalvas, Chak-Sardarpura, Bhagwan, Bhukarkha, 19 NTR, 20 NTR, Thaladka, 22 NTR, 23 NTR,	Cotton, Pearl millet, Cluster bean, Moong bean, Moth bean,	-	• Erratic rainfall • Frequent drought • Saline water • Low crop productivity • Unavailability of quality	2 1 4

		Deeplana, Barwali, 13 NTR, Jasana, Charanvasi, Chak- 14 DPN, Fefana, Dhani chranawali, Malwani, Lakhasar, Dhani raika, Toparia, Dhani BhambhuanNithrana, Kansar, Karamsana, Ranisar, Kikrali&Birkali, Chakdedaspura, Khuieya, Dhansia, Sirangsar, Dumasar, Mandarpura, Chak 16-17KNN, Chak 6 RPM, Nathwaniya, Gudiya, Gogamedi, Kanwani,Phephana	Wheat, Barley Mustard, Gram, Oat, Chilli etc.		seed of cereal & vegetable crops • Lack of knowledge about scientific cultivation. • Lack of awareness about water management. • Lack of knowledge about Soil fertility management. • Lack of knowledge about ergonomic farm tools/techniques • Lack of awareness about income generating activities.	6 7 3 8 9
Bhadra	Bhadra	Berwala ki Dhani, Suratpura, Bhirani, Pacharwali, Momanwas, Motsara, lakhanwas, Bhanai, Sagara, Gandhi Badi, Karanpura, Sikrodi, Munsari, Jhansal, Barwana, Jatan,	Cotton, Pearl millet, Cluster bean, Moong bean, Moth bean, Wheat, Barley Mustard, Onion, Gram, Oat etc.	-	• Erratic rainfall • Frequent drought • Saline water • Low crop productivity • Unavailability of quality seed of crops • Lack of knowledge about scientific cultivation. • Lack of awareness about nutrient & water management. • Lack of knowledge Soil fertility management. • Lack of knowledge about ergonomic farm tools/techniques • Lack of awareness about income generating activities.	2 1 4 6 7 3 8 9
Rawatsar	Rawatsar	Chaiya, Chak 15 KWD, Chak-4 AM, Kikraliya, Modhunagar, Chak Bhakrawala, Ramsara-Motoriya, Jorawarpura, Khetawalidhani, Dhannasar, Budhwaliya, Bherusree, 16 KWD, Nehra walidhani, Chanderi Choti, Nyolakhi,	Cotton, Rice, Pearl millet, Cluster bean, Moong bean, Moth bean, Wheat, Barley Mustard, Gram, Oat etc.	-	• Erratic rainfall • Saline water • Low crop productivity • Unavailability of quality seed of crops • Lack of knowledge about scientific cultivation. • Lack of awareness about water management. • Lack of knowledge Soil fertility management. • Lack of knowledge about ergonomic farm tools/techniques • Lack of awareness about income generating activities.	2 1 4 6 7 3 8 9

1.11.9 Livestock

Taluka	Block	Village	Major enterprise	PRA completed on date	Problem identified	Ranking of problems
Nohar	Nohar	Phephana, Parlika, Ramgarh, 18 DPN, 17 DPN, Dilki, Ujjalvas, Chak- Sardarpura, Bhagwan, Bhukarkha, 19 NTR, 20 NTR, Thaladka, 22 NTR, 23 NTR, Deeplana, Barwali, 13 NTR, Jasana, Charanvasi, Chak- 14 DPN, Fefana, Dhani chranawali,	Cattle-Rathi, Sahiwal, Cross breeds Bufflow-Murrha, Poultry- White leg horn, RIR, Kadaknath	-	• Non-availability of pure breed animals • Non-descript breeds of animals with low productivity of milk and meat • Poor health of animals due to parasite infection and lack of vaccination	2 1 4

		Malwani, Lakhasar, Dhani raika, Toparia, Dhani BhambhuanNithrana, Kansar, Karamsana, Ranisar, Kikrali&Birkali, Chakdedaspura, Khuieya, Dhansia, Sirangsar, Dumasar, Mandarpura, Chak 16-17KNN, Chak 6 RPM, Nathwaniya, Gudiya, Gogamedi, Kanwani	etc.		• Non availability of green fodder throughout the year • Lack of knowledge about nutritional management • Lack of knowledge towards housing management • Calf death due to disease and improper management • Low income of marginal and landless cattle herders	6 7 3 8 5
Bhadra	Bhadra	Berwala ki Dhani, Suratpura, Bhirani, Pacharwali, Momanwas, Motsara, lakhanwas, Bhanai, Sagara, Gandhi Badi, Karanpura, Sikrodi, Munsari, Jhansal, Barwana, Jatan,	Cattle-Rathi, Sahiwal, Cross breeds Bufflow-Murrha, Poultry- White leg horn, RIR, Kadaknath etc.	-	• Non-availability of pure Non-availability of pure breed animals • Non-descript breeds of animals with low productivity of milk and meat • Poor health of animals due to parasite infection and lack of vaccination • Non availability of green fodder throughout the year • Lack of knowledge about nutritional management • Lack of knowledge towards housing management • Calf death due to disease and improper management • Low income of marginal and landless cattle herders	2 1 4 6 7 3 8 5
Rawatsar	Rawatsar	Chaiya, Chak 15 KWD, Chak-4 AM, Kikraliya, Modhunagar, Chak Bhakrawala, Ramsara-Motoriya, Jorawarpura, Khetawalidhani, Dhannasar, Budhwaliya, Bherusree, 16 KWD, Nehra walidhani, Chanderi Choti, Nyolakhi,	Cattle-Rathi, Sahiwal, Cross breeds Bufflow-Murrha, Poultry- White leg horn, RIR, Kadaknath etc.	-	• Non-availability of pure breed animals • Non-descript breeds of animals with low productivity of milk and meat • Poor health of animals due to parasite infection and lack of vaccination • Non availability of green fodder throughout the year • Lack of knowledge about nutritional management • Lack of knowledge towards housing management • Calf death due to disease and improper management • Low income of marginal and landless cattle herders	2 1 4 6 7 3 8 5

1.11.10 Fisheries

1.11.11 Thrust area (Give in the order or priority)

1.11.12 Details of PRA/Problem identification exercise

Village/ Block	Period/months of PRA	Sample size	Agency/ person who did PRA	Ranking of problem	Score of problem
1. Phephana/ Nohar	August, September 2023	100	Mr. Akshay Ghintala	• Pink ball worm & Mg deficiency in cotton • Orobanche in mustard	1 2 4

				• Low yield of chilli • Mastitis in cross breeds • Lack of awareness about *Kachri* production	3 5
2. Chaiya/ Rawatsar	August, September 2023	100	Mr. Akshay Ghintala	• Pink ball worm in cotton • Orobanche in mustard • Bacterial blight in cluster bean • Mastitis in cross breeds • Lack of awareness about Snapmelon production	1 3 4 2 5
3.Karanpura/ Bhadra	August, September 2023	100	Mr. Akshay Ghintala	• Orobanche in mustard • Pink ball worm in cotton • Pre maturity of cluster bean due to high temperature • Mastitis in cross breeds • Low yield of Onion	1 2 4 2 5

2. TECHNICAL PROGRAMME

2.1 Targeted mandatory activities by KVK

	No.	Farmers
OFT	**04**	**40**
FLD	**11**	**240**
Training	**37**	**900**
Extension Activities	**230**	**5669**

Seed Production (Qtl.)	Planting material (Nos.)	Fish seed prod. (Nos)	Livestock production (No.)	Soil/water Samples
50.35	3000	-	-	100

2.2 Abstract on the number of technologies to be assessed in respect of crops (kharif/rabi)

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Kitchen garden	Tuber Crops	TOTAL
Varietal Evaluation	-	-	-	-	-	-	-	-	-	-
Seed / Plant production	-	-	-	-	-	-	-	-	-	-
Weed Management	-	1	-	-	-	-	-	-	-	1
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	1	1	-	-	-	-	2
Integrated Farming System	-	-	-	-	1	-	-	-	-	1
Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
Drudgery reduction	-	-	-	-	-	-	-	-	-	-
Farm machineries	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-
Integrated Disease Management	-	-	-	-	-	-	-	-	-	-
Resource conservation technology	-	-	-	-	-	-	-	-	-	-
Small Scale income generating enterprises	-	-	-	-	-	-	-	-	-	-
TOTAL	-	1	-	1	2	-	-	-	-	4

2.3 Abstract on the number of technologies to be assessed in respect of livestock / enterprises (kharif/rabi)

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Vermiculture	Fisheries	TOTAL
Evaluation of Breeds	-	-	-	-	-	-	-	-
Nutrition Management	-	-	-	-	-	-	-	-
Disease of Management	-	-	-	-	-	-	-	-
Value Addition	-	-	-	-	-	-	-	-
Production and Management	-	-	-	-	-	-	-	-
Feed and Fodder	-	-	-	-	-	-	-	-
Small Scale income generating enterprises	-	-	-	-	-	-	-	-
TOTAL	**-**	**-**	-	-	-	-	-	**-**

2.4 Frontline Demonstrations

Seed arranged in quality	Source of seed	Nodal person with contact no.	Village	Block/Taluka
-	-	-	-	-

A. Details of CFLD's to be organized –As per Allotment

Sl. No.	Crop / Variety	Thematic area	Technology to be demonstration	Critical inputs	Season and year	Area (ha)/ Unit	No. of farmers/ demo.	Observation to be taken
1.	Green gram MH-421 and SML-668 **Irrigated**	ICM	**Improved variety seeds** (MH-421 and SML-668) @ 12-16 kg/ha **Seed treatment** with Carbendazim + Mancozeb @ 2 g/kg seed, Imidacloprid @ 3 ml/kg seed &seedsinoculation with *Rhizobium* and PSB culture @ 200g/10 kg seed and line sowing with 30 cm row spacing. **Recommended dose of fertilizer** N:P: Zn (15:40:25) kg/ha as basal dose and one foliar application of multi-Micronutrients @ 1.0 lit per ha at 20-25 DAS. **Weed management** application of Imazethapyr 10% SL as POE @ 400 g a.i./ha at 30-35 DAS. **Insect-pest management-** Foliar application of Neem oil @ 2.0 lit/ha, imidacloprid @ 300 ml/ha, thiamethoxam 25% WG @ 125 g/ha and yellow sticky trap @ 25 traps/ha	Improved Variety seeds (MH-421 and SML-668), Carbendazim, Multi-Micronutrients, Imazethapyr, Neem based insecticide, Imidacloprid, thiamethoxam	Kharif-2024	30.00	75	**Yield attributes** No. of pods per plant No. of seeds per pod Test weight (g) Grain yield (Q/ha) **Economics** Gross return Net return B:C ratio
2.	Groundnut GJG-19	ICM	**Improved variety seeds** (GJG-19) @ 100-120 kg/ha **Soil treatment with** *Trichoderma harzianum* @ 2.5kg/ha with 200 kg FYM **Seed treatment** with Propiconazol 25 EC @ 1 ml/kg seed **Recommended dose of fertilizer**(20:60 N:P kg/ha) and one foliar application of $FeSO_4$ 0.5 % +0.1 % citric acid at 20-25 DAS **Weed management** application of Imazethapyr + Pendimethalin (2+30%) PE @ 2.4 lit/ha **Insect-pest management-** Foliar application of Imidacloprid 17.8% SL @ 300 ml/ha at 20-25 DAS	Improved Variety seeds (GJG-19), Propiconazol 25 EC *Trichoderma harzianum*Foliar spray of $FeSO_4$, Imazethapyr + Pendimethalin, Imidacloprid	Kharif-2024	20.00	50	**Yield attributes** No. of pods per plant No. of branch per plant Test weight (g) Grain yield (Q/ha) **Economics** Gross return Net return B:C ratio
3.	Chickpea GNG -2171, GNG-1958, GNG-2144 **Irrigated**	ICM	**Improved variety seeds** GNG -2171, GNG-1958, GNG-2144 @ 50-60 kg/ha **Seed treatment** with Carbendazim @ 2.0 g/kg seed and seeds inoculation with *Rhizobium* and PSB culture @ 200 g/10 kg seeds **Line sowing** with 30 cm row spacing **Application of recommended dose**	Improved seed GNG 2171/GNG-2144, Carbendazim 50 WP, Rhizobium and PSB	Rabi 2024-25	30.00	75	**Yield attributes** No. of pods per plant No. of seeds per pod Test weight (g) Grain yield (Q/ha)

			of fertilizer (20:40 N:P kg/ha) **Soil application** of Zinc sulphate @ 25 kg/ha for management of Zinc deficiency in chickpea **Soil application** of *Trichoderma harzianum* @ 2.5 kg/ha for management of root rot **Weed management** with pendimethalin 30 EC @ 700 ml/ha PE and HW at 30-35 DAS **Insect-pest management**- Foliar application of NSKE @ 5.0 ml/lit of water fb emamectin benzoate @ 0.5 g/lit of water for management of gram pod borer	culture, *Trichoderma harzianum* Zinc Sulphate, Emamectin benzoate, pendimethalin 30 EC				**Economics** Gross return Net return B:C ratio
4.	Mustard RH 725 **Irrigated**	ICM	**Improved variety seeds** (RH 725/RH 749/) 2.5-3.0 kg/ha **Seed treatment** with Metalaxyl 8% + Mancozeb 64% WP **Line sowing** with 45 cm x 20 cm spacing **Soil application** of *Trichoderma harzianum* @ 2.5 kg/ha for management of stem rot **Application of recommended dose** of fertilizer (80:40 N:P kg/ha) **Weed management** by HW at 30-35 DAS **Disease management**- Foliar application of Metalaxyl 8% + Mancozeb 64% WP @ 2.0 g/lit of water at 60 DAS **Insect-pest management**- Foliar application of Neem oil @ 5.0 ml/lit of water fb Thiamethoxam @ 200 g/ha for management of painted bug and aphid	Improved seeds RH 749 / RH 725, *Trichoderma harzianum* Sulphur fertilizer, Metalaxyl 8% Mancozeb + 64% Neem based insecticide and Thiamethoxam.	Rabi 2024-25	30.00	75	**Yield attributes** No. of silique per plant No. of seeds per siliqua Test weight (g) Grain yield (Q/ha) **Economics** Gross return Net return B:C ratio
					Total (CFLD)	**110.0**	**275**	

B. Details of FLD's to be organized – By KVK (As per seed availability area may be increased or decreased)

Sl. No.	Crop / Variety	Thematic area	Technology to be demonstration	Critical inputs	Season and year	Area (ha)/ Unit	No. of farmers/ demo.	Observation to be taken
1.	Pearl millet HHB 299 / MPMH 17 **Irrigated**	ICM	Improved variety and ICM	Improved variety, bio-fertilizer & Need based Plant protection inputs	Kharif 2024	5.0	20	Plant height at harvest Yield attributes (test weight, grain & straw yield)
2.	Wheat HD-3226 / WB 02 **Irrigated**	ICM	Improved variety and ICM	Improved bio fortified variety, bio-fertilizer &need based Plant protection inputs	Rabi 2024-25	8.0	20	Plant height at harvest. No. of tillers/plant Yield attributes (test weight, grain & straw yield)
3.	Oat (HFO-611/ OS 403)	Fodder management	Improved variety and ICM	Oat seed HFO-611/ OS 403	Rabi 2024-25	2.00	20	No. of cuttings and yield Increase in milk yield Economics (cost of cultivation, gross return, net return and B : C ratio)
4.	Bajra (nutrified)	Green fodder	Improved variety and ICM	Seed	-	2.00	20	No. of cuttings and yield Increase in milk yield

								Economics (cost of cultivation, gross return, net return and B : C ratio)
5.	Varieties of seasonal vegetables and fruits	Nutritional management	Improved household food security through Nutri garden	Seasonal vegetable seeds and plantlets	Rabi 2024	0.5	20	Yield for family requirement Economics (money saving per month)
6.	*Kachri* (AHK – 119)	ICM	Improved variety, seed treatment, basal application of fertilizers, weed management, Need based judicious management of insects and diseases	Seed	Zaid/Kharif, 2024	2.5	20	Yield (q/ha) Economics (cost of cultivation, gross return, net return and B : C ratio)
7.	Snapmelon (AHS – 82)	ICM	Improved variety, seed treatment, basal application of fertilizers, weed management, Need based judicious management of insects and diseases	Seed	Zaid/Kharif, 2024	1.25	10	Yield (q/ha) Economics (cost of cultivation, gross return, net return and B : C ratio)
8.	Poultry RIR/Kadaknath	Back Yard Poultry	Backyard Poultry	Poultry chicks Vaccine Medicines	2024	25/UNIT	20	Body weight gain Egg production Economics (cost of production, gross return, net return and B:C ratio)
9.	Cattle	Parasitic disease management	Deworming	Albendazole and Ivermectin	2024	One bolus per animal	50	Milk yield (lit/day) Decrease parasitic disease infestation Economics (Cost of Production, gross return, net return and B:C ratio)
10.	Crossbred cattle	Low milk yield due to sub clinical mastitis	Disease management	Vit. E and Selenium, $KmnO_4$	2024	4g per day for 120 days	20	Milk yield (lit/day) Decrease sub clinical mastitis % Total cost (Rs./cow) Gross income (Rs./cow) Net income (Rs./cow) B:C ratio
11.	Crossbred cattle	Low milk yield (10-15%) due to deficiency of essential mineral in feed	Nutritional management	Methochelated mineral mixture	2024	50 gm per day for 120 Days	20	Milk yield (lit./day) Total cost (Rs./Cow) Gross Income(Rs./Cow) Net Income(Rs./Cow) B: C Ratio
				Total FLD		21.50	240	
				Total (CFLD&FLD)		131.5	515	

2.5 Sponsored Demonstration- As per allotment

Crop	Area (ha)	No. of farmers
-	-	-

2.5.1. Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1	Field days	10		250
2	Farmers Training	17		370
3	Media coverage	15		Mass
4	Training for extension functionaries	01		20-25

2.5.2. Details of FLD on Enterprises

(i) Farm Implements

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

2.5.3 Field days at FLDs

Crop	Season	Probable date of Field day	Likely participation	Village/ Block	Nodal officer
Pearl millet	*Kahrif*	August, 2024	Farmer/Farm Woman	Nohar	Dr. Ashok Choudhary
Wheat	*Rabi*	February, 2025	Farmer/Farm Woman	Rawatsar	Dr. Ashok Choudhary
Oat	*Rabi*	December, 2024	Farmer/Farm Woman	Nohar/Bhadra	Dr. Ashok Choudhary
Kitchen gardening	*Rabi*	December-January, 2024	Farmer/Farm Woman	Nohar	Dr. Gulab Choudhary
Kachri	*Zaid/Kharif*	May/September, 2024	Farmer/Farm Woman	Nohar	Dr. Gulab Choudhary
Snapmelon	*Zaid/Kharif*	May/September, 2024	Farmer/Farm Woman	Rawatsar	Dr. Gulab Choudhary

2.5.4 Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds/ha. etc.	Critical inputs	Performance parameters / indicators
Poultry	RIR/Kadaknath	20	25/UNIT	Poultry chicks Vaccine Medicines	Body weight gain Egg production Economics (cost of production, gross return, net return and B:C ratio)
Cattle	Milch breed	50	One bolus per animal	Albendazole and Ivermectin	Milk yield (lit/day) Decrease parasitic disease infestation Economics (Cost of Production, gross return, net return and B:C ratio)
Cattle	Crossbred cattle	20	4g per day for 120 days	Vit. E and Selenium, $KmnO_4$	Milk yield (lit/day) Decrease sub clinical mastitis % Total cost (Rs./cow) Gross income (Rs./cow) Net income (Rs./cow) B:C ratio
Cattle	Crossbred cattle	20	50 gm per day for 120 Days	Methochelated mineral mixture	Milk yield (lit./day) Total cost (Rs./Cow) Gross Income(Rs./Cow) Net Income(Rs./Cow) B: C Ratio

2.5.5 FLDs on nutri-garden/nutrition

Sl. No.	Crop / Variety	Thematic area	Technology to be demonstration	Critical inputs	Season and year	Area (ha)/ Unit	No. of farmers/ demo.	Observation to be taken
1	Varieties of seasonal vegetables and fruits	Nutritional management	Improved household food security through Nutri garden	Seasonal vegetable seeds and plantlets	Rabi 2024	0.5	20	Yield for family requirement Economics (money saving per month)

3.0 On Farm Trials

Sl. No.	OFT Title	Crop/ Commodity	Addressing which thrust area	Solving which farmer problem identified in PRA	Recommendations of ZAREC/ any other institutional set up	Source of Technology	Critical input sourcing	Nodal officer with contact details
1.	Management of Mg deficiency in Bt. cotton	Cotton	Nutrient stress Management	Mg deficiency in Bt. cotton	-	Regional Station, Central Institute for Cotton Research, Coimbatore, Tamil Nadu.	MgSO4	Dr. Ashok Choudhary 9887642206
2.	Broom rape (*Orobanche ramosa*) management in Mustard	Mustard	Weed Management	Heavy infestation of *orbobanche* in mustard growing area	Zone 1C	Swami Keshwanand Rajasthan Agricultural University, Bikaner	Herbicide (Isoproturon)	Dr. Ashok Choudhary 9887642206
3.	Assessment of multiplex in Onion	Onion	Nutrient management	Low productivity of onion	-	PAU, Ludhiana	Multiplex (Multi Micronutrients)	Dr. Gulab Choudhary 9079774687
4.	Assessment of plastic mulch in chilli	chilli	Vegetable	Low yield of vegetable and high production cost	-	ICAR-IARI, New Delhi	Plastic mulch	Dr. Gulab Choudhary 9079774687

* In one season maximum 4 OFTs may be planned. Must address large area and severest of problem.

** No inbreeding of technologies in OFT

*** Unit level data to be provided for each farmer's field/OFT

4.0 FLD (separate for Kharif/Rabi/Summer)

Sl. No.	Crop	Variety on Tech. of FLD	Area (ha)	No. of farmers	Need for FLD (Recommendations)	Source of seed	Other critical inputs	Nodal officer with contact details
1.	Pearl millet **Irrigated**	HHB 299 / MPMH 17	5.0	20	Improved variety, seed treatment, basal application of fertilizers, weed management, Need based judicious management of insects and diseases	NSC Ltd	Improved variety, bio-fertilizer & Need based Plant protection inputs	Dr. Ashok Choudhary 9887642206

2.	Wheat **Irrigated**	HD-3226 / WB 02	8.0	20	Improved variety, seed treatment, basal application of fertilizers, weed management, need based judicious management of insects and diseases	IARI-RS, Karnal	Improved bio fortified variety, bio-fertilizer & need based Plant protection inputs	Dr. Ashok Choudhary 9887642206
3.	Oat	HFO-611/ OS 403	2.00	20	Improved variety and ICM	KVK, Nohar	Oat seed HFO-611/ OS 403	Dr. Ashok Choudhary 9887642206
4.	Bajra	Nutrified	2.00	20	Improved variety and ICM	-	Seed	Dr. Ashok Choudhary 9887642206
5.	Vegetables and fruits	Varieties of seasonal vegetables and fruits	0.5	20	Improved household food security through Nutri garden	CIAH, Bikaner, IARI, New Delhi	Seasonal vegetable seeds and plantlets	Dr. Gulab Choudhary 9079774687
6.	*Kachri*	(AHK – 119)	2.5	20	Improved variety, seed treatment, basal application of fertilizers, weed management, Need based judicious management of insects and diseases	CIAH, Bikaner	Seed	Dr. Gulab Choudhary 9079774687
7.	Snapmelon	(AHS – 82)	1.25	10	Improved variety, seed treatment, basal application of fertilizers, weed management, Need based judicious management of insects and diseases	CIAH, Bikaner	Seed	Dr. Gulab Choudhary 9079774687
8.	Poultry	RIR/Kadaknath	25/UNIT	20	Backyard Poultry	RAJUVAS, Bikaner	Poultry chicks Vaccine Medicines	Dr. Vikramjit Singh 7014943983
9.	Cattle	Milch Breed	One bolus per animal	50	De-worming	-	Albendazole and Ivermectin	Dr. Vikramjit Singh 7014943983
10.	Cattle	Crossbred cattle	4g per day for 120 days	20	Disease management	NDRI, Karnal, Haryana	Vit. E and Selenium, $KmnO_4$	Dr. Vikramjit Singh 7014943983
11.	Cattle	Crossbred cattle	50 gm per day for 120 Days	20	Nutritional management	NDRI, Karnal, Haryana	Methochelated mineral mixture	Dr. Vikramjit Singh 7014943983

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

5.1 ON Campus

Thematic Area	No. of trainings	No. of Participants						
		Others			SC/ST			No of participant
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
Crop Production								
Integrated crop management in green gram	1	15	5	20	5	-	5	25
Integrated crop management in groundnut	1	10	5	15	5	5	10	25

Integrated crop management in chickpea	1	15	5	20	5	-	5	25
Integrated crop management in mustard	1	10	5	15	5	5	10	25
TOTAL	**4**	**50**	**20**	**70**	**20**	**10**	**30**	**100**
II Horticulture								
a) Vegetable Crops								
Production technology of cucurbits in low tunnel	1	10	5	15	5	5	10	25
Preservation of vegetables	1	10	5	15	5	5	10	25
b) Fruits								
Cultivation of Fruit crops	1	10	5	15	5	5	10	25
Layout and management of orchards	1	15	5	20	5	-	5	25
Plant propagation techniques	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-
c) Ornamental Plants	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-
e) Tuber crops	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-
Post harvest technology and value addition	-	-	-	-	-	-	-	-
TOTAL	**4**	**45**	**20**	**65**	**20**	**15**	**35**	**100**
III Soil Health and Fertility Management	-	-	-	-	-	-	-	-
Soil fertility management	-	-	-	-	-	-	-	-
Soil and Water Conservation	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-
Management of Problematic soils	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops	-	-	-	-	-	-	-	-
Nutrient Use Efficiency	-	-	-	-	-	-	-	-
Soil and Water Testing	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-
IV Livestock Production and Management								
Dairy farming	1	20	-	20	5	-	5	25
Pig farming	1	20	-	20	5	-	5	25
Poultry farming	1	20	-	20	5	-	5	25
TOTAL	**3**	**60**	**0**	**60**	**15**	**0**	**15**	**75**
V Home Science/Women empowerment								
Value addition in millets	-	-	-	-	-	-	-	-
Preservation of vegetables & fruits	-	-	-	-	-	-	-	-
Establishment of millets Vatika	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-
Small scale processing and value addition	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-

TOTAL	-	-	-	-	-	-	-	-
VII Plant Protection	-	-	-	-	-	-	-	-
Integrated Pest Management in pulse	-	-	-	-	-	-	-	-
Integrated Pest Management in wheat	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-
VIII Fisheries	-	-	-	-	-	-	-	-
Fish farming in water storage structure	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-
IX Production of Inputs at site	-	-	-	-	-	-	-	-
Seed Production	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-
X Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-
Leadership development	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-
XI Agro-forestry	-	-	-	-	-	-	-	-
Production technologies	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-
XII Others (Pl. Specify)	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-
(B) RURAL YOUTH	-	-	-	-	-	-	-	-
Sheep and goat rearing	3	30	-	30	30	-	30	60
Vermicompost production	1	6	-	6	4	10	14	20
Commercial nursery techniques	1	10	-	10	10	-	10	20
TOTAL	**5**	**46**	**0**	**46**	**44**	**10**	**54**	**100**
(C) Extension Personnel	-	-	-	-	-	-	-	-
Production technology of field crops	1	25	-	25	-	-	-	25
Integrated Pest Management in field crop	-	-	-	-	-	-	-	-
Integrated Nutrient management	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-
Protected cultivation technology	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-
Group Dynamics and farmers organization	-	-	-	-	-	-	-	-
Information networking among farmers	-	-	-	-	-	-	-	-
Capacity building for ICT application	-	-	-	-	-	-	-	-
Care and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-
Management in farm animals	-	-	-	-	-	-	-	-

Livestock feed and fodder production	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	-	-
Women and Child care	-	-	-	-	-	-	-	-
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-
Any other (Pl. Specify)	-	-	-	-	-	-	-	-
TOTAL	**1**	**25**	**-**	**25**	**-**	**-**	**-**	**25**
G. Total	**17**	**226**	**40**	**266**	**99**	**35**	**134**	**400**

5.2 OFF Campus

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Production technology of Cotton	1	15	5	20	5	-	5	25
Production technology of Green gram	1	25	-	25	-	-	-	25
Production technology of Groundnut	1	10	5	15	5	5	10	25
Production technology of Pearl millet	1	10	5	15	5	5	10	25
Production technology of Chickpea	1	10	5	15	5	5	10	25
Production technology of Mustard	1	10	5	15	5	5	10	25
TOTAL	**6**	**80**	**25**	**105**	**25**	**20**	**45**	**150**
II Horticulture								
a) Vegetable Crops								
Production technology of *Kachri*	1	10	5	15	5	5	10	25
Production technology of Snapmelon	1	10	5	15	5	5	10	25
Nutrition management by kitchen gardening	1	5	10	15	5	5	10	25
Protected cultivation of vegetable crops	1	10	5	15	5	5	10	25
Production technology of Carrot	1	10	5	15	5	5	10	25
b) Fruits								
Pruning practice in Ber orchard	1	10	5	15	5	5	10	25
Nutrient management in fruit crops	1	10	5	15	5	5	10	25
c) Ornamental Plants								
Cultivation technique of Marigold	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-
e) Tuber crops	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-
Post harvest technology and value addition	-	-	-	-	-	-	-	-
TOTAL	**7**	**65**	**40**	**105**	**35**	**35**	**70**	**175**
III Soil Health and Fertility Management	-	-	-	-	-	-	-	-
IV Livestock Production and Management								

Parasitic disease management in dairy animals	1	10	5	15	5	5	10	25
Feeding and breeding management sheep and goat	1	10	5	15	10	-	10	25
Housing and feeding management in Pig	1	15	5	20	5	-	5	25
Disease management and vaccination schedule of sheep and goat	1	5	10	15	5	5	10	25
Biosecurity measures and vaccination schedule of poultry	1	10	5	15	5	5	10	25
Backyard poultry farming	1	10	10	20	5	-	5	25
Feeding and breeding management in dairy animals	1	10	10	20	5	-	5	25
TOTAL	**7**	**70**	**50**	**120**	**40**	**15**	**55**	**175**
V Home Science/Women empowerment								
Preservation of vegetables& fruits	-	-	-	-	-	-	-	-
Income generation activities for empowerment of rural women	-	-	-	-	-	-	-	-
Promotion and awareness of drudgery reducing technology *i.e.cot* bag	-	-	-	-	-	-	-	-
Value addition in Millets	-	-	-	-	-	-	-	-
Establishment of kitchen garden	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-
Small scale processing and value addition	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-
VII Plant Protection								
Integrated pest management in cotton	-	-	-	-	-	-	-	-
Insect and disease control in cucurbits	-	-	-	-	-	-	-	-
Integrated pest management in mustard	-	-	-	-	-	-	-	-
Insect and disease control in wheat	-	-	-	-	-	-	-	-
Insect and disease control in chickpea	-	-	-	-	-	-	-	-
Insect and disease control in cole crops	-	-	-	-	-	-	-	-
Insect and disease control in citrus and guava	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-
VIII Fisheries								
Integrated fish farming	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-
IX Production of Inputs at site	-	-	-	-	-	-	-	-
Seed Production	-	-	-	-	-	-	-	-
Planting material production (Horti.)	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-
Vermi-compost production (Horti.)	-	-	-	-	-	-	-	-

Organic manures production (A.S.)	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-
X Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-
Leadership development	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths (Agro.)	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-
XI Agro-forestry	-	-	-	-	-	-	-	-
Production technologies	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-
Integrated Farming Systems (Agro)	-	-	-	-	-	-	-	-
XII Others (Pl. Specify)	-	-	-	-	-	-	-	-
TOTAL	**20**	**215**	**115**	**330**	**100**	**70**	**170**	**500**

5.3 Consolidated table (ON and OFF Campus)

Thematic Area	No. of Trainings	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Integrated crop management in green gram	1	15	5	20	5	-	5	25
Integrated crop management in Groundnut	1	10	5	15	5	5	10	25
Integrated crop management in Chickpea	1	15	5	20	5	-	5	25
Integrated crop management in Mustard	1	10	5	15	5	5	10	25
Production technology of Cotton	1	15	5	20	5	-	5	25
Production technology of Green gram	1	25	-	25	-	-	-	25
Production technology of Groundnut	1	25	-	25	-	-	-	25
Production technology of Pearl millet	1	10	5	15	5	5	10	25
Production technology of Chickpea	1	10	5	15	5	5	10	25
Production technology of Mustard	1	10	5	15	5	5	10	25
TOTAL	**10**	**145**	**40**	**185**	**40**	**25**	**65**	**250**
II Horticulture								
a) Vegetable Crops								
Production technology of cucurbits in low tunnel	1	10	5	15	5	5	10	25
Preservation of vegetables	1	10	5	15	5	5	10	25
Production technology of *Kachri*	1	10	5	15	5	5	10	25
Production technology of Snap melon	1	10	5	15	5	5	10	25
Nutrition management by kitchen gardening	1	5	10	15	5	5	10	25
Protected cultivation of vegetable crops	1	10	5	15	5	5	10	25
Production technology of Carrot	1	10	5	15	5	5	10	25
b) Fruits								
Cultivation of Fruit crops	1	10	5	15	5	5	10	25
Layout and management of orchards	1	15	5	20	5	-	5	25
Pruning practice in Ber orchard	1	10	5	15	5	5	10	25
Nutrient management in fruit crops	1	10	5	15	5	5	10	25
c) Ornamental Plants	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-

d) Plantation crops	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-
e) Tuber crops	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-
Post harvest technology and value addition	-	-	-	-	-	-	-	-
TOTAL	**11**	**110**	**60**	**170**	**55**	**50**	**105**	**275**
III Soil Health and Fertility Management	-	-	-	-	-	-	-	-
Use of organic manures in soil fertility management	-	-	-	-	-	-	-	-
Use of bio-fertilizers in crop production	-	-	-	-	-	-	-	-
IV Livestock Production and Management	-	-	-	-	-	-	-	-
Dairy farming	1	20	-	20	5	-	5	25
Pig farming	1	20	-	20	5	-	5	25
Poultry farming	1	20	-	20	5	-	5	25
Parasitic disease management in dairy animals	1	10	5	15	5	5	10	25
Feeding and breeding management sheep and goat	1	10	5	15	10	-	10	25
Housing and feeding management in Pig	1	15	5	20	5	-	5	25
Disease management and vaccination schedule of sheep and goat	1	5	10	15	5	5	10	25
Biosecurity measures and vaccination schedule of poultry	1	10	5	15	5	5	10	25
Backyard poultry farming	1	10	10	20	5	-	5	25
Feeding and breeding management in dairy animals	1	10	10	20	5	-	5	25
TOTAL	**10**	**130**	**50**	**180**	**55**	**15**	**70**	**250**
V Home Science/Women empowerment		-	-	-	-	-	-	
Value addition in millets	-	-	-	-	-	-	-	-
Preservation of vegetables & fruits	-	-	-	-	-	-	-	-
Establishment of millets Vatika	-	-	-	-	-	-	-	-
Preservation of vegetables& fruits	-	-	-	-	-	-	-	-
Income generation activities for empowerment of rural women	-	-	-	-	-	-	-	-
Promotion and awareness of drudgery reducing technology *i.e.cot* bag	-	-	-	-	-	-	-	-
Value addition in Millets	-	-	-	-	-	-	-	-
Establishment of kitchen garden	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-
Small scale processing and value addition	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-
VII Plant Protection								
Integrated Pest Management in pulse	-	-	-	-	-	-	-	-
Integrated Pest Management in Wheat	-	-	-	-	-	-	-	-
Integrated pest management in cotton	-	-	-	-	-	-	-	-
Insect and disease control in cucurbits	-	-	-	-	-	-	-	-
Integrated pest management in mustard	-	-	-	-	-	-	-	-
Insect and disease control in wheat	-	-	-	-	-	-	-	-

Insect and disease control in chickpea	-	-	-	-	-	-	-	-
Insect and disease control in cole crops	-	-	-	-	-	-	-	-
Insect and disease control in citrus and guava	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-
VIII Fisheries	-	-	-	-	-	-	-	-
Fish farming in water storage structure	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-
IX Production of Inputs at site	-	-	-	-	-	-	-	-
Seed Production	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-
X Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-
Leadership development	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-
XI Agro-forestry	-	-	-	-	-	-	-	-
Production technologies	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-
Sponsored training	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-
(B) RURAL YOUTH	-	-	-	-	-	-	-	-
Sheep and goat rearing	3	30	-	30	30	-	30	60
Vermicompost production	1	6	-	6	4	10	14	20
Commercial nursery techniques	1	10	-	10	10	-	10	20
TOTAL	**5**	**46**	**-**	**46**	**44**	**10**	**54**	**100**
(C) Extension Personnel	-	-	-	-	-	-	-	-
Production technology of field crops	1	25	-	25	-	-	-	25
Integrated Pest Management in field crop	-	-	-	-	-	-	-	-
Integrated Nutrient management	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-
Protected cultivation technology	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-
Group Dynamics and farmers organization	-	-	-	-	-	-	-	-
Information networking among farmers	-	-	-	-	-	-	-	-
Capacity building for ICT application	-	-	-	-	-	-	-	-
Care and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-
Management in farm animals	-	-	-	-	-	-	-	-

Livestock feed and fodder production	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	-	-
Women and Child care	-	-	-	-	-	-	-	-
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-
Any other (Pl. Specify)	-	-	-	-	-	-	-	-
Total	**1**	**25**	**-**	**25**	**-**	**-**	**-**	**25**
G. TOTAL	**37**	**456**	**150**	**606**	**194**	**100**	**294**	**900**

Details of training programmes attached in **Annexure -I**

5.4 Training Material

Season	Crop/ Commodity	Theme	Content developed (attach PDF)	Author(s)	Experience in the field	Additional knowledge gap (refer to PRA done in KVK)
-	-	-	-	-	-	-

5. Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	10	270	130	400	44	6	50	314	136	450
Kisan Mela	1	950	300	1250	30	15	45	980	315	1295
Kisan Ghosthi	5	150	50	200	5	2	7	155	52	207
Exhibition	4	150	100	250	5	2	7	155	102	257
Film Show	5	180	50	230	5	2	7	185	52	237
Farmers Seminar	2	100	10	110	5	2	7	105	12	117
Workshop	2	100	10	110	5	2	7	105	12	117
Group meetings	4	80	30	110	5	2	7	85	32	117
Lectures delivered as resource persons	As per the allotment	-	-	-	-	-	-	-	-	-
Newspaper coverage	20	Mass	-	-	-	-	-	-	-	-
Radio talks	As per the allotment	Mass	-	-	-	-	-	-	-	-
TV talks	As per the allotment	Mass	-	-	-	-	-	-	-	-
Popular articles	08	Mass	-	-	-	-	-	-	-	-
Extension Literature	05	Mass	-	-	-	-	-	-	-	-
Advisory Services	As per need	500	120	620	5	2	7	505	122	627
Scientific visit to farmers field	10	80	30	110	4	2	6	84	32	116
Farmers visit to KVK	125	500	80	580	30	20	50	530	100	630
Diagnostic visits	6	40	5	45	5	2	7	45	7	52
Exposure visits	1	35	15	50	5	2	7	40	17	57
Ex-trainees Sammelan	2	25	25	50	4	2	6	29	27	56
Soil health Camp	1	100	25	125	5	2	7	105	27	132
Animal Health Camp	2	80	20	100	5	2	7	85	22	107
Agri mobile clinic	0	0	0	0	0	0	0	0	0	0
Soil test campaigns	0	0	0	0	0	0	0	0	0	0
Farm Science Club Conveners meet	0	0	0	0	0	0	0	0	0	0

Self Help Group Conveners meetings	2	-	50	50	-	2	2	-	52	52
Mahila Mandals Conveners meetings	1	0	40	40	0	2	2		42	42
Celebration of important days (specify)	5	350	30	380	5	2	7	355	32	387
Krishi Mohostva	-	-	-	-	-	-	-	-	-	-
Krishi Rath	-	-	-	-	-	-	-	-	-	-
Pre Kharif workshop	1	40	10	50	5	2	7	45	12	57
Pre Rabi workshop	1	40	10	50	5	2	7	45	12	57
PPVFRA workshop	As per allotment	-	-	-	-	-	-	-	-	-
PRA	4	225	150	375	25	-	25	250	150	400
Any Other (Specify)	-	-	-	-	-	-	-	-	-	-
Total	**227**	**3995**	**1290**	**5285**	**207**	**77**	**284**	**4202**	**1367**	**5569**

7. Target for Production and supply of Technological products

7.1 SEED MATERIALS

Sl. No.	Crop	Variety	Quantity (qtl.)	Source of parent seed (agency)	Quantity (kg.)	Indent given to agency or not
CEREALS	Oat	OS 403	02	CS HAU, Hisar	-	-
OILSEEDS	Mustard	RH 725, 749	30	SKRAU, Bikaner	-	-
PULSES	Cluster Bean	HG 2-20	10	NSC Ltd, Suratgrah	-	-
	Green Gram	MH- 421	10	SKRAU, Bikaner	-	-
	Gram	GNG 2171, 2144	15	SKRAU, Bikaner	-	-
VEGETABLES	*Kachri*	AHK - 119	0.35	CIAH, Bikaner	-	-

7.2 PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)	Mother orchard in place or not
FRUITS	-	-	-	-
SPICES	-	-	-	-
VEGETABLES	Cole crops and Solanaceae crops	As per availability	3000	-
FOREST SPECIES	-	-	-	-
ORNAMENTAL CROPS	-	-	-	-

5.3 Bio-products

Sl. No.	Product Name	Species	Quantity	
			No	(kg/L)
1.	**Bio-pesticides (NSKE)**	**-**	**-**	-
2.	**Vermicompost**	**-**	**-**	2000
3.	**Vermiwash**	**-**	**-**	50
4.	**Jeevaamrit**	**-**	**-**	400
5.	**Beezaamrit**	**-**	**-**	40

6.	**Waste decomposer**	**-**	**-**	500
	Total			**2990**

5.4 LIVESTOCK

Sl. No.	Type	Breed	Quantity	
			(Nos)	Unit
1	Cattle	-	-	-
2	Goat	Sirohi	10	-
3	Sheep	-	-	-
4	Poultry	RIR	500	-
5	Pig farming	-	-	-
6	Fisheries	-	-	-

8. Literature to be Developed/Published

(A) KVK News Letter

Date of start :

Number of copies to be published :

(B) Literature developed/published

S.No.	Topic	Number
1	Research paper each scientist	one paper of each scientist
	> 6.0 score	3
	< 6.0 score	-
2	Technical reports	4
3	News letters	4
4	Training manual all discipline	3
5	Popular article	10
6	Extension literature	4
	Total	**28**

(C) Details of Video clips/video films/documentary, etc. `

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
1	CD	Success story of progressive farmer	2

9. Success stories identified for development as a case. -

a. Brief introduction

b. Interventions

c. Output

d. Outcomes

e. Impact

i) Social economic

ii) Bio-Physical

f. Good Action Photographs

10. Case studies to be conducted

1. Title/Topic

2. Crop/Area/Rsource

3. Number of sample farmers (proposed)

4. Block/village
5. Likely date of start
6. Likely date of completion
7. Nodal person for case study
8. KVK intervention/participation

11. Indicate the specific training need analysis tools/methodology followed for

Practicing Farmers

a)

b)

c)

Rural Youth

a) Sheep and Goat farming

b)

c**)**

d)

In-service personnel

a)

b)

c)

12 Indicate the methodology for identifying OFTs/FLDs

For OFT:

	Village	**Sample size**	**Involvement of SAUs/KVKs**	**Nodal officer**
i) PRA	Phephana, Karanpura, Chaiya	100	KVK	Mr. Akshay Ghintala
ii) Problem identified from Matrix	• Orobanche in mustard • Pink ball worm & Mg deficiency in cotton • Low yield of Chilli & onion • Mastitis in cross Breeds • Low yield of onion	**-**	-	**-**
iii) Field level observations	• Area and population • Area, production of agriculture and horticulture crops • Livestock population • Problems in different enterprises	**-**	-	**-**
iv) Farmer group discussions	**-**	-	**-**	**-**
v) Others if any	**-**	-	**-**	**-**

For FLD :

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

13 Field activities

i. Name of villages identified/adopted with block name (from which year) - 1 Chaiya, (block-Rawatsar) 2. Phephana (Block- Nohar) 3. Karanpura (Block- Bhadra) (Year 2023-24)

ii. No. of farm families selected per village: whole

iii. No. of survey/PRA conducted :**3**

iv. No. of technologies taken to the adopted villages: **3**

v. Name of the technologies found suitable by the farmers of the adopted villages:

vi. Impact (production, income, employment, area/technological– horizontal/vertical)

vii. Constraints if any in the continued application of these improved technologies

14. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab:

14.1 Year of establishment: 2017

14.2 List of equipments purchase with amount

Sl. No.	Name of the equipment	Quantity	Cost (Rs)
1	EC and PH meter	2	60000.00

14.3. Targets of samples for analysis:

Details	No. of Samples	No. of Farmers	No. of Villages	Amount to be realized
Soil Samples	100	100	5	-
Water	-			
Plant	-			
Total	100	100	**5**	**-**

15 LINKAGES

15.1 Functional linkage with different organizations

Sl.No.	Name of organization	Nature of Linkage
1.	Department of Agriculture, Hanumangarh	Identification of training needs & conducting of training programmes, Joint implementation of programme for increasing productivity of crops/enterprises, joint diagnostic survey.
2.	Department of Horticulture, Hanumangarh	Identification of training needs & conducting of training programmes, Joint implementation of programme for increasing productivity of crops/enterprises, joint diagnostic survey.
3.	Department of Animal Husbandry, Hanumangarh	Identification of training needs & conducting of training programmes, Joint implementation of programme for increasing productivity of crops/enterprises, joint diagnostic survey.
4.	Department of fisheries, Hanumangarh	Identification of training needs & conducting of training programmes, Joint implementation of programme for increasing productivity of crops/enterprises, joint diagnostic survey.
5.	Rajasthan State Seed Corporation, Hanumangarh	Providing Seeds and Agricultural inputs.
6.	ARS and ARSS	Identification of training needs & conducting of training programmes, joint diagnostic survey, identification of target groups for implementing the KVK activities such as training.
7.	LRS, Nohar	Training needs and Diagnostic survey on Animals.
8.	IFFCO	Providing Seeds and Agricultural inputs and trainings.
9.	KRIBHCO	Providing Seeds and Agricultural inputs and trainings.
10.	Rajuvas, Bikaner	Identification of training needs & conducting of training programmes, joint diagnostic survey, identification of target groups for implementing the KVK activities such as training, gosthi etc
11.	SKRAU, Bikaner	Identification of training needs & conducting of training programmes, joint diagnostic survey, identification of target groups for implementing the KVK activities such as training.
12.	Gangmul Dairy	Involvement in training programme.
13.	ATMA, Hanumangarh	Involvement in conducting various training programmes, Gosthi, Demonstration etc.
14.	ICICI Bank, Nohar	Financial Management.
15.	KVSS Nohar & Bhadra (Coop. Society)	Purchase of Agricultural inputs.
16.	Fruit & Veg. KVSS Nohar& Bhadra	Purchase of Agricultural inputs.

15.2 Details of linkage with ATMA

a) Is ATMA implemented in your district

S. No.	Programme	Nature of linkage
1	To be Conducted ATMA as per allotment	**-**
2	-	-

	-	-

15.3 Give details of programmes under National Horticultural Mission/MoFPI/MoRD

S. No.	Programme	Nature of linkage
1	To be Conducted NHM as per allotment	-
2	-	-

15.4 Nature of linkage with National Fisheries Development Board

S. No.	Programme	Nature of linkage
1	To be Conducted NFDB as per allotment	
2		

16 Utilization of hostel facilities

S. No.	Programme	No. of days
1	To be utilized as per allotment	
2		
3		
4		
	Total	

17 Convergence with departments:

18 Feedback of the farmers about the technologies demonstrated and assessed:

19 Feedback from the KVK Scientists (Subject wise) to the research institutions/universities:

29.0 Target for Revolving Funds

Year	Revolving Fund (Rs.)	Activities conducted/ proposed to accomplish RF	Income (Rs. in lakhs)/Target	Expenditure (2022-23) Rs. in lakhs	Balance (Rs. in lakhs)
2022-23	**Rs.937122**	**Crop/seed production** **Poultry unit**	**7.40**	**2.95**	**13.81**
2023-24	**Expected RF-13.81 lakh**	**1.Crop/seed production** **2. Fruit Mother orchard** **3. Goat unit** **4. Poultry unit**	**7.50**	**6.00**	**15.31**

Annexure - I

Training Programme

i) Farmers & Farm women (On Campus)

Date	Clientele	Title of the training programme	No. of trainings	No. of participants			SC/ST participants			G. Total
				M	F	T	M	F	T	
Crop Production										
	PF/FW	Integrated crop management in green gram	1	15	5	20	5	-	5	25
	PF/FW	Integrated crop management in groundnut	1	10	5	15	5	5	10	25
	PF/FW	Integrated crop management in chickpea	1	15	5	20	5	-	5	25
	PF/FW	Integrated crop management in mustard	1	10	5	15	5	5	10	25
		TOTAL	**4**	**50**	**20**	**70**	**20**	**10**	**30**	**100**
Horticulture										
	PF/FW	Production technology of cucurbits in low tunnel	1	10	5	15	5	5	10	25
	PF/FW	Preservation of vegetables	1	10	5	15	5	5	10	25
	PF/FW	Cultivation of Fruit crops	1	10	5	15	5	5	10	25
	PF/FW	Layout and management of orchards	1	15	5	20	5	-	5	25
		Total	**4**	**45**	**20**	**65**	**20**	**15**	**35**	**100**
Livestock prod.										
	PF/FW	Dairy farming	1	20	-	20	5	-	5	25
	PF/FW	Pig farming	1	20	-	20	5	-	5	25
	PF/FW	Poultry farming	1	20	-	20	5	-	5	25
		TOTAL	**3**	**60**	**0**	**60**	**15**	**0**	**15**	**75**
Rural Youth										
	RY	Sheep and goat rearing	3	30	-	30	30	-	30	60
	RY	Vermicompost production	1	6	-	6	4	10	14	20
	RY	Commercial nursery techniques	1	10	-	10	10	-	10	20
		TOTAL	**5**	**46**	**-**	**46**	**44**	**10**	**54**	**100**
Extension Personnel										
		Production technology of field crops	1	25	-	25	-	-	-	25
		TOTAL	**1**	**25**	**-**	**25**	**-**	**-**	**-**	**25**
		G. Total	**17**	**226**	**40**	**266**	**99**	**35**	**134**	**400**

i) Farmers & Farm women (Off Campus)

Date	Clientele	Title of the training programme	No. of courses	No. of participants			SC/ST participants			G. Total
				M	F	T	M	F	T	
Crop Production										
	PF/FW	Production technology of Cotton	1	15	5	20	5	-	5	25
	PF/FW	Production technology of Green gram	1	25	-	25	-	-	-	25
	PF/FW	Production technology of Groundnut	1	10	5	15	5	5	10	25
	PF/FW	Production technology of Pearl millet	1	10	5	15	5	5	10	25
	PF/FW	Production technology of Chickpea	1	10	5	15	5	5	10	25
	PF/FW	Production technology of Mustard	1	10	5	15	5	5	10	25
		TOTAL	**6**	**80**	**25**	**105**	**25**	**20**	**45**	**150**
Horticulture										
	PF/FW	Production technology of *Kachri*	1	10	5	15	5	5	10	25
	PF/FW	Production technology of Snapmelon	1	10	5	15	5	5	10	25
	PF/FW	Nutrition management by kitchen gardening	1	5	10	15	5	5	10	25
	PF/FW	Protected cultivation of vegetable crops	1	10	5	15	5	5	10	25
	PF/FW	Production technology of Carrot	1	10	5	15	5	5	10	25

	PF/FW	Pruning practice in Ber orchard	1	10	5	15	5	5	10	25
	PF/FW	Nutrient management in fruit crops	1	10	5	15	5	5	10	25
		TOTAL	**7**	**65**	**40**	**105**	**35**	**35**	**70**	**175**
Livestock Production and Management										
	PF/FW	Parasitic disease management in dairy animals	1	10	5	15	5	5	10	25
	PF/FW	Feeding and breeding management sheep and goat	1	10	5	15	10	-	10	25
	PF/FW	Housing and feeding management in Pig	1	15	5	20	5	-	5	25
	PF/FW	Disease management and vaccination schedule of sheep and goat	1	5	10	15	5	5	10	25
	PF/FW	Biosecurity measures and vaccination schedule of poultry	1	10	5	15	5	5	10	25
	PF/FW	Backyard poultry farming	1	10	10	20	5	-	5	25
	PF/FW	Feeding and breeding management in dairy animals	1	10	10	20	5	-	5	25
		TOTAL	**7**	**70**	**50**	**120**	**40**	**15**	**55**	**175**
		G. TOTAL	**20**	**215**	**115**	**330**	**100**	**70**	**170**	**500**

ii) Vocational training programmes for Rural Youth

Crop / Enterprise	Training title*	Month	No. of trainings	No. of Participants			SC/ST participants			G. Total
				M	F	T	M	F	T	
Livestock	Sheep and goat rearing	February, July, October	3	30	-	30	30	-	30	60
Agronomy	Vermicompost production	June-July	1	6	-	6	4	10	14	20
Horticulture crops	Commercial nursery techniques	September-October	1	10	-	10	10	-	10	20
		Total	**5**	**46**	**-**	**46**	**44**	**10**	**54**	**100**

iii) Training programme for extension functionaries

Date	Clientele	Title of the training programme	Duration in days	No. of participants			SC/ST participants			G. Total
				M	F	T	M	F	T	
On Campus										
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

iv) Sponsored programmes- **As per allotment**

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