PROPOSED ACTION PLAN OF KVKs FOR THE YEAR 2024

(1st January 2024 to 31st December 2024)

1. GENERAL INFORMATION

1.1 Name of KVK: Krishi Vigyan Kendra, Hanumangarh-I (Raj.)

1.2. Status of KVK website: **Yes**

1.3 No of visitors (Hits) to KVK Website (as on today): **106577**

1.4 Status of ICT lab at your KVK: **Yes**

1.5 Details of Senior Scientist & Head

Name	Telephone / Contact		
	Office	Mobile	Email
Dr. Anoop Kumar	01499-252702	9414874800	*anoopkvkhmh@gmail.com*

1.6 Date of establishment: 1994

1.7 Staff Position (as on 1 January, 2024)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay level	Present basic (Rs.)	Date of joining	Category (SC/ST/OBC/ Others)
1	Senior Scientist cum Head	Dr. Anoop Kumar	Senior Scientist cum Head	Fisheries Science	13A	198700	10-11-05	OBC
2	Scientist	Dr. Chandra Shekhar Sharma	SMS (Agro)	Agronomy	10	117100	18-4-98	Gen.
3	Scientist	Sh. Umesh Kumar	SMS (PP)	Entomology	10	113700	11-5-98	OBC
4	Scientist	Sh. Mahavir Prasad Kaswan	SMS (Horti.)	Vegetable Crops	10	113700	25-9-98	OBC
5	Scientist	Dr. Santosh Jhajharia	SMS (H.Sc.)	H.Sc. Ext.	10	89800	8-9-08	OBC
6	Scientist	Dr. Mukesh Kumar	SMS (A.H.)	Live Stock Production	10	73200	11-6-14	OBC
7	Scientist	Dr. Kuldeep Singh	SMS (Ag Ext)	Agri. Ext.	10	82400	16-6-14	OBC
8	Scientist	Sh. Pardeep Kumar	SMS (Agromet)	Agro meteorology	10	61300	03-6-19	OBC
9	Programme Assistant	Sh. Anand Prakash Singh	Programme Assistant (Farm Manager)	Agriculture	6	76500	22-4-98	Gen.
10	Programme Assistant	Sh. Ravinder Kumar Kulria	Programme Assistant (Computer)	Computer Science	6	76500	11-5-98	OBC
11	Programme Assistant	Sh. Raghuveer Singh Nain	Programme Assistant (Training)	Agriculture	6	62200	16-11-07	OBC
12	Assistant	Sh. Sandeep Kumar	Assistant	Accounts	6	60400	11-9-08	Gen.
13	Stenographer	Vacant	Stenographer		4	NA	NA	NA
14	Agromet observer	Vacant	Agromet observer		3	NA	NA	NA
15	Driver	Sh. Subhash Chandra	Driver (Tractor)		3	39400	2-12-96	Gen.
16	Driver	Sh. Surendra Kumar	Driver (Jeep)		3	32000	11-9-08	Gen.
17	Supporting staff	Vacant	Watchman		1	NA	NA	NA
18	Supporting	Sh. Vijay Singh	Farm attendant		1	31500	24-6-98	OBC

	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. lacs)	Starting year	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	1997-98	568	15.28	--	--	--
2.	Farmers Hostel	ICAR	1998-99		10.37	--	--	--
3.	Staff Quarters (6)	ICAR	2005-07	400	25.95	--	--	--
4.	Demonstration Units (1) Fisheries Demonstration Unit	ICAR	2001-02	0.25 h	5.25	--	--	--
5	Rain Water harvesting system	Municipal Corporation	2018-19	40000 lit. capacity	--	--	--	--
6	Threshing floor	ICAR	2004-05	265	1.00	--	--	--
7	Farm godown	ICAR	2006-07	55.68	1.38	--	--	--
8	Seed processing unit &Godown, Pipeline, Drip irrigation and raingun	State Agri. Deptt.	2007-08	227	17.24	--	--	--
9	Ornamental hatchery	KVK	2015-16	80	-	--	--	--
10	Hightech Nursery	State Agri. Deptt.	2013-14	3280	25.00	--	--	--
11	Vermi compost	KVK	2004-05	40	0.75	--	--	--
12	Azolla unit	KVK	2014-15	20		--	--	--
13	Soil & water testing Lab	ICAR	2004-05	35	8.31	--	--	--
14	Plant Health clinic	ICAR	2010-11	38	10.00	--	--	--
15	Animal lab.	KVK	2015-16	35	0.10	--	--	--
16	Bee keeping unit	KVK	2007-08	4 boxes		--	--	--
17	Nutritional garden	KVK	2014-15	-		--	--	--
18	Crop museum	KVK	2009-10	0.5 ha		--	--	--
19	Integrated Farming system	ICAR	2017	1.0 ha	6.06	--	--	--
20	Goat unit	ICAR	2016-17	137.5 x 55 f	3.5	--	--	--
21	Poultry unit	ICAR	2016-17	20 x 35 f	2.0	--	--	--
22	ICT	ICAR	2017	12x14 feet	2.32	--	--	--
23	Diary unit	ICAR	2022	60x60 ft	18.0	--	--	--
24	Dal mill	ICAR	2022	12x12 ft	2.5	--	--	--
25	Natural farming unit	ICAR	2022	20x60 ft	1.5	--	--	--
26	Food processing unit	ICAR	2023		7.70	--	--	--
27	Farm fencing	KVK	2023	2900m	3.28	--	--	--

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Motorcycle	2011	47,624	82,203 kms.	Good
Bolero	2023	11,15,706	18,324 kms.	Good
Tractor	2018	5,90,000	3,190 hrs.	Good

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
OHP	2002	17,840	Not Working
Slide Projector (1)	2002	24,415	Not Working
Microscope (5)	1997	11,160	Not Working
AC (1)	2002	21,300	Not Working
AC (1)	2015	37,500	Working
Soil & water testing equipments for lab.	2004	8,30,668	Working
LCD with computer (1)	2007	1,25,000	Not Working
Handy camera (1)	2007	50,000	Not Working
Computer (1)	2007	39,000	Not Working
ERNET Hub (1)	2009	ICAR	Not Working

Plant Health Clinic	2011	10,00,000	Working
Mirdaparikshak (1)	2015	75,000	Not Working
OHP (1)	1997	3,600	Not working
Slide Projector (1)	1997	4,200	Not working
Mirdaparikshak (1)	2017	86,000	Not Working
AC (3)	2017	1,12,500	Working
Camera (1)	2017	32,500	Working
RO (1)	2017	32,065	Working
LCD Projector	2018	69,850	Working
Cellphone	2018	17,000	Not Working
Printer (1)	2018	15,900	Working
Computer (1)	2018	48,800	Working
New LED	2020	33,500	Working
Camera CCTV	2020	51,800	Working
Printer/Laptop/UPS	2020	84,600	Working
AC	2020	1,30,700	Working
Furniture	2020	1,81,260	Working
Projector	2020	45,026	Working
Lift Trolley	2021	2,22,812	Working
Laptop	2021	62,800	Working
Projector	2021	45,026	Working
Printer (1)	2022	22,000	Working
Farm equipment's for custom hiring center under NICRA	2022	1,57,000	Working
Seed drum for seed treatment	2022	24,367	Working
Lecture stand with mic	2022	57,710	Working
Computer set with printer	2023	1,00,000	Working
Canon water machine	2023	2,79,000	Working
Generator set	2023	5,92,000	Working
Farm equipment's for custom hiring center under NICRA	2023	1,15,000	Working
Tractor mounted sprayer pump	2023	1,38,000	Working

1.9 Participation in ZAREC Meeting

Sl. No.	Date of ZAREC Meeting	Technology presented by KVK	Outcome of the Meeting
1	21-22.03.2023	Foliar application of 1% Magnesium sulphate in cotton crop.	Soil testing before scoring, it should be conducted in the next season, so appropriate data can be generated.
		Balance feed + 50% moringa leaves (according to body weight).	The trial should be conducted next year also to reach the right conclusion.
		Assessment of growth & performance of genetically improved Rohu fish.	Trial should be conducted 2-3 year to conclude the results.
2	14-15.09.2023	Yellow & brown rust management in wheat crop.	Trial also conducted at ARS.
		Nutrient management in Wheat crop.	Along with soil testing, it should be conducted in the next season, so correct data can be generated.
		Micro nutrient management in onion.	Along with soil testing, it should be conducted in the next season, so correct data can be generated.

1.10 Proposed SAC meetings in the year

Sl.No.	Date
1. Scientific Advisory Committee	25.09.2024

1.11 Agriculture 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	Agriculture-Animal Husbandry	267734-647037
2	Agriculture-Animal Husbandry-Horticulture	267734-647037-9568
3	Agriculture-Animal Husbandry-Horticulture- Aquaculture	267734-647037-9568-880(Lakh)
4	Agriculture-Animal Husbandry-Horticulture- Aquaculture-Beekeeping	267734-647037-9568-880(Lakh)-80000
5	Agriculture-Animal Husbandry-Horticulture- Aquaculture-Poultry	267734-647037-9568-880(Lakh)-100504

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

Sl. No.	Agro-climatic Zone	Soil type and characteristics	Topography
1	Zone 1b (Irrigated North-Western Plains)	It Zone lies between 20^0 N to 30^0 N latitude and 74^0 to 75^0 30' longitudes. It is bounded on the North by Punjab, on the South by Bikaner and Churu, on the East by Haryana and on the West by Pakistan. In Hanumangarh District, we find hot summer, cool winter, unreliable rainfall and great variation in the temperature (2^0C in Jan. to 48.9^0C 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 zone is dominantly covered by the medium and fine textured deep to very deep soils. The bed of river Ghagghar stretching from Suratgarh to Anupgarh is fine textured and intensively cultivated. In addition, in the southern and eastern part the region there is vast Aeolian plain covered with dunes with small area of deep buried pediments.

1.11.3 Major Soil Types in the district

S. No	Soil type	Characteristics	Area in ha
1	Canal irrigated light & medium soil	Sangaria& Hanumangarh tehsil 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
2	Ghaghar flood prone soil	Tibbi& Hanumangarh tehsil loam to salty loam soil, Saline, alkaline problematic soils. Paddy, Wheat, Mustard & Gram.	21790
3	Rain Fed Area	Nohar& Bhadra tehsil fine sand to loam sand soil, sand dumes found in the area. Guar, Bajra, kharif pulses Gram, Taramira, Barley & Wheat crops.	422077
4	Salt affected soil	Tibbi, Rawatsar, Nohar and Bhadra. Sandy and alkaline soil. Saline ground water, not suitable for irrigation, Paddy wheat mustard, Toria and fodder crops.	15440

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

S. No	Crop	Area (ha)	Production (MT.)	Productivity (Kg./ha)
Kharif (2022)				
1	Cotton	204644	892248 bales	4.36 bales
2	Paddy	34277	222801	65.00
3	Groundnut	13161	17373	13.20
4	Mungbean	101442	74053	7.30
5	Mothbean	49029	10296	2.10
6	Bajra	20867	17946	8.60
7	Clusterbean	329532	222874	6.93
8	Sesame	3154	1072	3.40
Rabi (2022-23)				
1	Wheat	246192	1105032	4479
2	Barley	10694	46108	4243
3	Gram	174120	179933	1096
4	Mustard	146867	257834	1755
5	Tarameera	22089	10294	480

Source: District agriculture department.

1.11.5 Weather parameters

Month	Rainfall (mm)	Temperature 0 C		Relative Humidity (%)	
		Maximum	Minimum	Maximum	Minimum
January 2023	3.5	21.4	0.2	100	29
February 2023	0.0	30.1	4.5	100	31
March 2023	51.5	33.4	11.0	100	21
April 2023	24	41.4	13.8	100	08
May 2023	178.5	44.5	17.1	100	07
June 2023	74.5	42.7	18.3	100	22

July 2023	131	40.3	25.6	100	35
August 2023	0.5	39.7	24.2	95	36
September 2023	26	38.6	21.4	100	29
October 2023	37	38.1	15.2	100	14
November 2023	0.5	32.1	8.4	100	24
December 2023	0.0	25.5	4.1	100	26
Total	**527**	-	-	-	-

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)	---	2230(fry in lakh)	-

*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
Sangaria	Sangaria	Nukera	4987	943	-	-	-	-
		Chak Heera Singh Wala	1833	334	-	-	-	-
		Baghatpura	2410	463	-	-	-	-
		Haripura	5864	1129	-	-	-	-
		Bolawali	5381	959	-	-	-	-
Tibbi	Tibbi	Kharakhera	5144	1061	-	-	-	-
		Sabuwana	4287	857	-	-	-	-
		Kulchander	2241	431	-	-	-	-
		Gudia	3944	744	-	-	-	-
		Saharni	2196	452	-	-	-	-
Hanumangarh	Hanumangarh	Jodkiyan	5502	1055	-	-	-	-
		Chistiyan	1604	259	-	-	-	-
		Hirnawali	2906	793	-	-	-	-
		Jandawali	1653	293	-	-	-	-
		Rodanwali	7279	1373	-	-	-	-
Pilibanga	Pilibanga	Longwala	3789	721	-	-	-	-
		Ayalki	5153	693	-	-	-	-
		Dablibas molvi	8149	1075	-	-	-	-
		Dablibas kutub	7645	976	-	-	-	-
		Sadasinghwala	1565	250	-	-	-	-

1.11.8 Cropping Patterns & Problems

Taluka	Block	Village	Major crop/ enterprise	PRA completed on date	Problem identified Ranking of problems
Pilibanga	Pilibanga	Long wala	Kharif-Cotton, Clusterbean, Mungbean,	December 6, 2023	Crop Production

A.	Research Problems	RBQ	Rank
1	Problem of Payji in mustard and	474.44	II

			Paddy, Sesamum Rabi- Wheat, Mustard, Chickpea Orchard- Kinnow			gram crops		
					2	Problematic Soil	386.81	III
					3	Salinity ground water problems	259.17	IV
					4	High mortality of plants/vegetables during initial period.	196.39	V
					5	Lack of standard agronomic practices in vegetables	245.83	VI
Hanumangarh	**Hanumangarh**	**Jodkiyan**	**Kharif- Cotton, Clusterbean, Mungbean, Paddy, Sesamum Rabi- Wheat, Mustard, Chickpea Orchard- Kinnow**	**December 13,2023**	6	Labour shortage problems	537.36	I
					B.	**Extension (Production) Problems**		
					1	Lack of skill in performing technical operation in paddy	377.62	XIII
					2	Panted bug problem in mung bean	815.89	V
Sangaria	**Sangaria**	**Nukera**	**Kharif- Cotton, Clusterbean, Mungbean, Sesamum Rabi- Wheat, Mustard, Chickpea Orchard- Kinnow**	**December 29,2023**	3	Weed problem in wheat	1152.26	III
					4	Severe infestation of pink boll worm in cotton	1237.26	I
					5	Problems of Boll rotting in cotton	580.65	XI
					6	Improper size of fruits and colour of Kinnow orchards	685.65	VII
					7	Problem of stem rot of mustard	1169.52	II
Tibbi	**Sangaria**	**Sabuana**	**Kharif- Cotton, Clusterbean, Mungbean, Paddy, Sesamum Rabi- Wheat, Mustard, Chickpea Orchard- Kinnow**	**December 30,2023**	8	Severe infestation of Diseases phytopthora in kinnow.	627.92	X
					9	Lack of knowledge about subsidiary occupations	492.26	XII
					10	Higher input cost	673.75	VIII
					11	Curling & weed infestation in sesame	671.07	IX
					12	Wilt and blight disease in chickpea	710.54	VI
					13	Involvement of middlemen in marketing of produces	277.02	XIV
					14	Lack of new varieties in Clusterbean	1028.57	IV
					c.	**Development Problems**		
					1	Lack of organized market for subsidiaries produce.	459.59	VI
					2	Polluted canal water	455.17	VII
					3	Least availability of seed of improved verities realised	304.83	VIII

						by SAUs		
					4	Unavailability of good Planting materials	161.58	X
					5	Lack of remunerative market price of agricultural produces	845.33	I
					6	Product's price fluctuation at the time of harvesting period	849.25	II
					7	Lack of storage facilities in the area for farm produce.	252.92	IX
					8	Stray animals Problems (Antilope, bull etc)	776.67	IV
					9	Irregular Irrigation water supply in canal	595.58	V
					10	Unavailability of good quality seed of BT cotton (mix Bt Seed)	799.08	III
					Home Stead problem			
					1	Spoilage of fruit and vegetables	327.83	III
					2	Malnutrition among farm women and children	426.83	I
					3	Lack of scientific knowledge about nutritional diet	390.67	II
					4	Problem of muscular stress in farm women	184.33	IV
					5	Lack of organised market for traditional craft	170.33	V

1.11.9 Livestock

Taluka	Block	Village	Major crop/ enterprise	PRA completed on date	Problem identified Ranking of problem
Pilibanga	Pilibanga	Longwala	Cattle	December, 6, 2023	
Hanumangarh	Hanumangarh	Jodkiyan	Cattle	December 13,2023	
Sangaria	Sangaria	Nukera	Cattle	December 29,2023	
Tibbi	Sangaria	Sabuana	Cattle	December 30,2023	

A.	Extension (Production) Problems		
S. No.	**Problems**	**RBQ**	**Rank**
1	Wrong notion about profitability of livestock among general mass.	540.24	III
2	Lack of Scientific Knowledge about livestock and poultry production	229.64	VI
3	Lack of green fodder in summer season	190.95	VII
4	Problem of mastitis in milch animals	534.17	II
5	Problem of anestrus	562.38	I
6	Lack of scientific	391.55	IV

						knowledge about value addition of dairy products		
					7	Lack of value addition facilities at community level in the area.	351.07	V
					B.	**Development Problems**		
					1	Inadequate subsidy. Facilities for livestock and poultry farming	326.83	II
					2	Lack of organized market for livestock and poultry produce.	319.33	III
					3	Higher input cost like feed, utensils etc.	244.83	IV
					4	Vaccination facilities are not regularly	192.33	V
					5	Low market price of milk & milk products	416.67	I

1.11.10 Fisheries

Taluka	Block	Village	Major crop/ enterprise	PRA completed on date	Problem identified Ranking of problem
Pilibanga	Pilibanga	Longwala	Fish	December, 6, 2023	
Hanumangarh	Hanumangarh	Jodkiyan	Fish	December 13,2023	
Sangaria	Sangaria	Nukera	Fish	December 29,2023	
Tibbi	Sangaria	Sabuana	Fish	December 30,2023	

A.	**Extension (Production) Problems**		
S.No.	**Problems**	**RBQ**	**Rank**
1	Wrong notion about aquaculture among general mass.	547.29	IV
2	Lack of Scientific Knowledge	736.77	I
3	High Salinity of Ground water	558.23	III
4	Poor growth of fingerlings in pucca pond	668.85	II
5	Fish Mortality during summer & winter season	413.44	V
6	Lack of Quality Seed	252.92	VI
7	Least availability of feed	223.13	VII
B.	**Development Problems**		
1	Lack of economic motivation	314.58	II
2	Lack of risk bearing capacity	159.79	IV
3	Unfavourable attitude of credit institution	337.71	I
4	Labour shortage problems	187.92	III

1.11.11 Thrust area (Give in the order or priority)

Crop/Enterprise	Thrust area
Cotton, Guar, Moong, Moth, Wheat, Gram, Mustard, Barley	To increase the productivity of major field crops and encouraging farmers for sustainable agriculture through natural farming system using compost, FYM and moisture conservation technology. Minimum budget Natural Farming.
Cotton, Guar, Moong, Moth, Wheat, Gram, Mustard, Barley	To popularize Integrated Pest Management especially stress on seed treatment.
Seed production	Encouraging farmers for seed production to obtain good quality seed.
Beekeeping & Mushroom cultivation	To motivate the farmers for income generation through Bee- keeping and mushroom cultivation.
Kinno, Malta, Pomegranate, Aonla, Ber, Carrot, Methi,	To extend the area under fruit orchards and techniques in nursery rising and its proper management.

Onion, Muskmelon, Garlic,	
Fish Farming	To motivate the farmers for fish farming and fish seed production.
Animal Production	To motivate the farmers, youths and farm women for dairy, goat, poultry and pig farming for self-employment and income generation.
Income generating activities for farm women & rural youth	Introducing employment generation activities for farm women& Rural youth like fruit and vegetable preservation, tailoring, embroidery, soft toys making, production of bio control agents & biopesticides etc.

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. Longwala/Pilibanga	Nov.-Dec. 2023	30	KVK/ Dr. Kuldeep Singh, SMS (Ext. Edu.)	Based on Rank Based Quotients (RBQ)	Key Informants and use of snowball technique
2. Jodkiyan/Hanumangarh	Nov.-Dec. 2023	30			
3. Nukera/Sangaria	Dec.2023	30			
4 Sabuana/Tibbi	Dec. 2023	30			

2. TECHNICAL PROGRAMME

2.1 Targeted mandatory activities by KVK

	No.	Farmers
OFT	8	80
FLD	10	290
Trainings	56	1805
Extension Activities	579	64255

Seed Production (Qtl.)	Planting material (Nos.)	Fish seed prod. (Nos)	Livestock production (No.)	Soil/water Samples
342	1,53,000	4000	2007	3000

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								2
Integrated Crop Management										
Integrated Nutrient Management					1					1
Integrated Farming System										
Mushroom cultivation										
Drudgery reduction										
Farm machineries										
Post Harvest Technology										
Integrated Pest Management			1	1						2
Integrated Disease Management										
Resource conservation technology										
Small Scale income generating enterprises										
TOTAL	1	1	1	1	1					5

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

Thematic areas	Cattle	Buffalo	Sheep	Goat	Home Sc.	Wormi culture	Fisheries	TOTAL
Evaluation of Breeds								
Drudgery reduction								
Disease Management	1							1
Value Addition					1			1
Production and Management								
Feed and Fodder		1						1
Small Scale income generating enterprises								

TOTAL	**1**	**1**			**1**			**3**

2.4 Frontline Demonstrations

A. Details of FLDs to be organized –

Seed/input arranged in quality	Source of seed	Nodal person with contact no.	Village	Block/Taluka
16.10 qtls (Sesame, Mungbeen, Mustard and Chickpea)	KVK, SAUs	Dr. C. S. Sharma, 8432557123	Nukare, Chak Heera Singh Wala,, Baghatpura, Herapura Bolawali, Kharakhera, Sabuwana, Kulchander, Gudia, Saharni,,Jodkiyan, Chistiyan, Hirnawali, Jandawali, Rodanwali Longwala, Ayalki, Dablibas molbi, Dablibas kutub, Sadasinghwala,	Sangaria, Tibbi & Pilibanga
NA	NA	Sh. Umesh Kumar, 9414535717		Sangaria, Tibbi
2.5qtls (Garlic)	NHRDF, Bhatinda	Sh. M. P. Kaswan 9414577903		Sangaria, Tibbi
NA	NA	Dr. Mukesh Kumar 9928800416		Sangaria, Tibbi, Hanumangarh
20,000 fish fingerlings	Private Hatchery	Dr. Anoop Kumar, 9414874800		Sangaria, Pilibanga
0.55qtls & 5070 saplings (Seasonal vegetable & fruits)	KVK, PAU, Ludhiana	Dr. Santosh Jhajharia 9462000090		Sangaria, Pilibanga
200 kg Potassium nitrate	Input dealers	Sh. M. P. Kaswan 9414577903		Sangaria, Tibbi
2.4 lit. Medicine Liver tonic	Medical Store	Dr. Mukesh Kumar 9928800416		Sangaria, Tibbi, Hanumangarh

Sl. No.	Crop	Variety	Thematic area	Technology for demonstration	Critical inputs	Season and year	Area (ha)	No. of farmers / demon.	Parameters identified
1	Sesame	RT-372	ICM	Full Package demonstration	Seed, Bio inoculants & pesticides	Kharif 2024	20	50	Yield/(q/ha)
2	Mung bean	MH-1142	ICM	Full Package demonstration	Seed, Bio inoculants & pesticides	Kharif 2024	20	50	Yield/(q/ha)
3	Mustard	RH-725	ICM	Full Package demonstration	Seed, Bio inoculants & pesticides	Rabi 2024-25	20	50	Yield/(q/ha)
4	Chickpea	GNG-2171	ICM	Full Package demonstration	Seed, Bio inoculants & pesticides	Rabi 2024-25	20	50	Yield/(q/ha)
5	Clusterbean	Karan Guar 14	ICM	Varietal	Seed	Kharif 2024	4	10	Yield/(q/ha)
6	Mustard	RH-725	IDM	Use of bio agents, Neem oil, Pusdomonas etc.	Bio agents	Rabi 2024-25	4	10	Yield/(q/ha)
7	Garlic	G-404	ICM	Full Package demonstration	Seed, Bio inoculants & pesticides	Rabi 2024-25	0.5	20	Yield/(q/ha)
8	Kinnow	-	INM	Nutrient management	Fertilizers	2024	8	20	Yield/(q/ha)
					Total		**96.5**	**260**	

2.5 Sponsored Demonstration

Crop/Enterprise	Area (ha)	No. of farmers
Backyard poultry (ATMA)	20	20
Nutritional kitchen garden (ATMA)	0.015	20

2.5.1. Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1	Field days	10	February, March, April, June, July & Oct. Nov.	500
2	Farmers Training	4	Jan., April, June, July, Nov.	160

3	Media coverage	20	Jan., Feb., March, Sept., Oct., Nov.	Mass coverage
4	Training for extension functionaries	-	-	-
5	Film show	25	Jan., April, June, July, Nov.	100

2.5.2. Details of FLD on Enterprises

(i) Farm Implements : NA

Name of the implement	Crop	Season and year	No. of farmers	Area (ha)	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
Mustard	Rabi 2023-24	25.2.2024, 28.2.2024, 3.3.2024	50 each	Masitawali, Haripura, Nukera	Dr. C. S. Sharma
Chickpea	Rabi 2023-24	18.3.2024	50	Sabuana	Sh. Umesh Kumar
Sesame	Kharif 2024	18.9.2024, 22.9.2024, 25.9.2023	50 each	Longwala, Bolawali, Kharakhera	Dr. C. S. Sharma
Mung bean	Kharif 2024	7.9.2024, 11.9.2024	50 each	Longwala, Nukera	Dr. C. S. Sharma
Garlic	Rabi 2023-24	5.3.2024	50	Bolawali	Sh. M. P. Kaswan
Kitchen garden	Rabi 2023-24	8.2.2024	50	Longwala	Dr. Santosh Jhajharia

2.5.4 Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds/ha. etc.	Critical inputs	Performance parameters / Indicators
Cattle	HF cross	20	20 nos.	Probiotics	Milk yield , B:C ratio
Buffalo	Murrha cross	20	20 nos.	Chelated mineral mixture	Milk yield , B:C ratio
Goat kid	Beetal	10	10 nos	Dry moringa leaves	Body weight, Economics
Fisheries	Jayanti Rohu & Amur carp	20	20000 fingerlings	Fish seed	Fish yield, B:C ratio

2.5.5 FLDs on Nutri-garden/nutrition

Sl. No.	Crop / Variety	Thematic area	Technology to be demonstration	Critical inputs	Area (ha)/ Unit	No. of farmers/ demo.	Observation to be taken
1	Nutritional kitchen garden	Improved household food security through Nutri-garden	Nutri-garden	Seasonal vegetable seeds and saplings	30units (150sq.Mt./unit)	30 nos.	Yield, B:C ratio and nutritional requirement in Nutri-Thali

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.	Pod bug management in mung bean	Mung bean	IPM	Panted bug problem in mungbean	Imidacloprid 17.8 SL @ 40 ml/acre	TNAU, Coimbatore	Input dealers	Sh. Umesh Kumar 9414535717
2.	Pink boll worm management in Bt cotton	Cotton	IPM	Severe infestation of pink boll worm in cotton	Mass trapping for male adults of pink boll worms by installing pheromone traps @ 16 traps/acre and POP	RARS, Junagarh	Input dealers	Sh. Umesh Kumar 9414535717

3.	Assessment the efficacy & adoptability of Nano Urea in Potato	Potato	INM	Excess use of nitrogenous fertilizers	100 RDP & RDK + 50 RDN as basal dose + 2FS NU @ 4 ml/lit of water at 25-30 DAP & 40-50 DAP	IFFCO	Input dealers	Sh. M. P. Kaswan 9950531413
4.	Weed management in wheat	Wheat	IWM	Weed infestation	Pinoxaden 5.1% EC @ 400 ml per acre for the control of narrow leaf weeds	PAU, Ludhiana	Input dealers	Dr. C. S. Sharma 8432557123
5.	Weed management in sesame	Sesame	IWM	Weed infestation	Pre emergence application of Alaclor @ 1.5kg a.i./ ha for the control of most annual grasses and certain broadleaf weeds	Indian Institute of Oilseeds Research (IIOR), Hyderabad	Input dealers	Dr. C. S. Sharma 8432557123
6.	Supplementation of liver tonic during pre & post parturition	Buffalo	Nutrition Management	Wrong notion about profitability of livestock among general mass.	Use of Liver tonic @ 50 ml twice a day/Ani. for two months	TANUVAS, Tamil Nadu	Medical agency	Dr. Mukesh kumar 9928800416
7.	Assessment of clinical remedies to control repeat breeding in cross breed cattle	HF Cross Cattle	Disease management	Problem of anestrus	Use of inj. Receptal I/M 2.5ml (72-96 hrs before AI)	IVRI, Izatnagar, Bareilly	Medical agency	Dr. Mukesh kumar 9928800416
8.	Assessment of pickle preparation method	Home Science	Value addition	Shelf life	Blanching and dry process + mustard oil @ 250 ml/kg + Sodium benzoate @ 0.5 g/kg	PAU, Ludhiana	Local market	Dr. Santosh Jhajharia 9462000090

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/input	Other critical inputs	Nodal officer with contact details
1.	Sesame	RT-372 (2018)	20	50	Crop diversification & Introduction of new variety	AU, Jodhpur	Seed, Bioagent, Pesticides	Dr. C. S. Sharma 8432557123
2.	Mung bean	MH-1142 (2020)	20	50	Popularization of new variety of mung been	CCSHAU, Hisar	Seed, Bioagent, Pesticides	Dr. C. S. Sharma 8432557123
3.	Mustard	RH-725 (2017)	20	50	Popularization of new high yielding variety	CCSHAU, Hisar	Seed, Bioagent, Pesticide	Dr. C. S. Sharma

							s	8432557123
4.	Chickpea	GNG-2171 (2017)	20	50	Popularization of new variety	KVK	Seed, Bioagent, Pesticides	Dr. C. S. Sharma 8432557123
5.	Clusterbean	Karan Guar-14	4	10	Popularization of new variety	RARI, Durgapura	Seed	Dr. C. S. Sharma 8432557123
6.	Mustard	RH 725	4	10	Popularization of IPM technology	Input Dealer	Bio agents	Sh. Umesh Kumar 9414535717
7.	Garlic	G-404	0.5	20	Popularization of new variety	NHRDF	Seed	Sh. M. P. Kaswan 9950531413
8.	Kinnow	-	8	20	Nutrient management in kinnow	Input dealers	Fertilizer	Sh. M. P. Kaswan 9950531413

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

5.1 ON 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								
Weed Management	1	14	3	17	6	2	8	25
Resource Conservation Technologies								
Cropping Systems								
Crop Diversification								
Integrated Farming								
Water management	1	14	3	17	6	2	8	25
Seed production								
Nursery management								
Integrated Crop Management								
Fodder production								
Production of organic inputs	1	14	3	17	6	2	8	25
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	1	-	16	16	-	9	9	25
Off-season vegetables								
Nursery raising								
Exotic vegetables like Broccoli								
Export potential vegetables	1	14	3	17	6	2	8	25
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)	1	14	3	17	6	2	8	25
b) Fruits								
Training and Pruning								
Layout and Management of Orchards	1	14	3	17	6	2	8	25
Cultivation of Fruit								
Management of young plants/orchards	1	14	3	17	6	2	8	25
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants								

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
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								
III Soil Health and Fertility Management								
Soil fertility management	1	14	3	17	6	2	8	25
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								
IV Livestock Production and Management								
Dairy Management	1	14	3	17	6	2	8	25
Poultry Management								
Piggery Management								
Rabbit Management/goat								
Disease Management								
Feed management								
Production of quality animal products								
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								
Gender mainstreaming through SHGs								
Storage loss minimization techniques								
Value addition	1	-	16	16	-	9	9	25
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies								
Rural Crafts								
Women and child care								
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	1	14	3	17	6	2	8	25
Integrated Disease Management	1	14	3	17	6	2	8	25
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides	1	14	3	17	6	2	8	25
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
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	1	14	3	17	6	2	8	25
WTO and IPR issues								
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems								
XII Others (Pl. Specify)								
TOTAL	**15**	**182**	**71**	**253**	**78**	**44**	**122**	**375**
(B) RURAL YOUTH								
Mushroom Production								
Bee-keeping	1	14	3	17	6	2	8	25
Integrated farming	1	14	3	17	6	2	8	25
Seed production								
Production of organic inputs	1	14	3	17	6	2	8	25
Integrated Farming (Medicinal)								
Planting material production								
Vermi-culture								
Sericulture								
Protected cultivation of vegetable crops								
Commercial fruit production								
Repair and maintenance of farm machinery and implements								
Nursery Management of Horticulture crops								
Training and pruning of orchards								
Value addition	1	-	16	16	-	9	9	25
Production of quality animal products								
Dairying								
Sheep and goat rearing	2	28	6	34	12	4	16	50
Quail farming								
Piggery								
Rabbit farming								
Poultry production	1	14	3	17	6	2	8	25
Ornamental fisheries								

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
Para vets								
Para extension workers								
Composite fish culture	1	14	3	17	6	2	8	25
Freshwater prawn culture								
Shrimp farming	1	14	3	17	6	2	8	25
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching								
Rural Crafts	1	-	16	16	-	9	9	25
TOTAL	**10**	**112**	**56**	**168**	**48**	**34**	**82**	**250**
(C) Extension Personnel								
Productivity enhancement in field crops								
Integrated Pest Management	1	14	3	17	6	2	8	25
Integrated Nutrient management								
Rejuvenation of old orchards	1	14	3	17	6	2	8	25
Protected cultivation technology								
Formation and Management of SHGs								
Group Dynamics and farmers organization								
Information networking among farmers								
Capacity building for ICT application	1	14	3	17	6	2	8	25
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	1	-	16	16	-	9	9	25
Low cost and nutrient efficient diet designing								
Production and use of organic inputs								
Gender mainstreaming through SHGs								
Any other (Pl. Specify)								
TOTAL	**4**	**42**	**25**	**67**	**18**	**15**	**33**	**100**
G. Total	**29**	**336**	**152**	**488**	**144**	**93**	**237**	**725**

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								
Weed Management								
Resource Conservation Technologies								
Cropping Systems								
Crop Diversification								
Integrated Farming								
Water management								
Seed production								
Nursery management								
Integrated Crop Management	4	92	16	108	32	20	52	160
Fodder production								
Production of organic inputs								
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	1	23	4	27	8	5	13	40

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
Off-season vegetables								
Nursery raising								
Exotic vegetables like Broccoli								
Export potential vegetables								
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)								
b) Fruits								
Training and Pruning								
Layout and Management of Orchards								
Cultivation of Fruit	2	46	8	54	16	10	26	80
Management of young plants/orchards								
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants	1	23	4	27	8	5	13	40
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								
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								
IV Livestock Production and Management								
Dairy Management	1	23	4	27	8	5	13	40
Poultry Management								
Piggery Management								
Rabbit Management /goat								
Disease Management	1	23	4	27	8	5	13	40
Feed management								
Production of quality animal products	1	23	4	27	8	5	13	40
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	2	-	54	54	-	26	26	80
Design and development of low/minimum cost diet								
Designing and development for high nutrient efficiency diet	1	-	27	27	-	13	13	40
Minimization of nutrient loss in processing	1	-	27	27	-	13	13	40

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
Gender mainstreaming through SHGs								
Storage loss minimization techniques								
Value addition	1	-	27	27	-	13	13	40
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies	1	-	27	27	-	13	13	40
Rural Crafts								
Women and child care								
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	3	69	12	81	24	15	39	120
Integrated Disease Management	1	23	4	27	8	5	13	40
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides								
VIII Fisheries								
Integrated fish farming	1	23	4	27	8	5	13	40
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture	1	23	4	27	8	5	13	40
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	1	23	4	27	8	5	13	40
Formation and Management of SHGs (HS)								
Mobilization of social capital	2	46	8	54	16	10	26	80
Entrepreneurial development of farmers/youths (Agro.)	1	23	4	27	8	5	13	40
WTO and IPR issues								

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems (Agro)								
XII Others (Pl. Specify)								
TOTAL	**27**	**483**	**246**	**729**	**168**	**183**	**351**	**1080**

5.3 Consolidated table (ON and 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								
Weed Management	1	14	3	17	6	2	8	25
Resource Conservation Technologies								
Cropping Systems								
Crop Diversification								
Integrated Farming								
Water management	1	14	3	17	6	2	8	25
Seed production								
Nursery management								
Integrated Crop Management	4	92	16	108	32	20	52	160
Fodder production								
Production of organic inputs	1	14	3	17	6	2	8	25
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	2	23	20	43	8	14	22	65
Off-season vegetables								
Nursery raising								
Exotic vegetables like Broccoli								
Export potential vegetables	1	14	3	17	6	2	8	25
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)	1	14	3	17	6	2	8	25
b) Fruits								
Training and Pruning								
Layout and Management of Orchards	1	14	3	17	6	2	8	25
Cultivation of Fruit	2	46	8	54	16	10	26	80
Management of young plants/orchards	1	14	3	17	6	2	8	25
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants	1	23	4	27	8	5	13	40
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								

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
Production and management technology								
Post harvest technology and value addition								
(B) RURAL YOUTH								
Mushroom Production								
Bee-keeping								
Integrated farming	1	14	3	17	6	2	8	25
Seed production								
Production of organic inputs								
Planting material production								
Vermi-culture								
Sericulture								
Protected cultivation of vegetable crops								
Commercial fruit production								
Repair and maintenance of farm machinery and implements								
Nursery Management of Horticulture crops								
Training and pruning of orchards								
Value addition								
Production of quality animal products								
Dairying								
Sheep and goat rearing								
Quail farming								
Piggery								
Rabbit farming								
Poultry production								
Ornamental fisheries								
Para vets								
Para extension workers								
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching								
Rural Crafts								
TOTAL	**17**	**296**	**72**	**368**	**112**	**65**	**177**	**545**
(C) Extension Personnel								
Productivity enhancement in field crops								
Integrated Pest Management								
Integrated Nutrient management								
Rejuvenation of old orchards	1	14	3	17	6	2	8	25
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								

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
Any other (Pl. Specify)								
TOTAL	**1**	**14**	**3**	**17**	**6**	**2**	**8**	**25**
G. Total	**18**	**310**	**75**	**385**	**118**	**67**	**185**	**570**
III Soil Health and Fertility Management								
Soil fertility management	1	14	3	17	6	2	8	25
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								
IV Livestock Production and Management								
Dairy Management	2	37	7	44	14	7	21	65
Poultry Management								
Piggery Management								
Rabbit Management/goat								
Disease Management	1	23	4	27	8	5	13	40
Feed management								
Production of quality animal products	1	23	4	27	8	5	13	40
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	2	-	54	54	-	26	26	80
Design and development of low/minimum cost diet								
Designing and development for high nutrient efficiency diet	1	-	27	27	-	13	13	40
Minimization of nutrient loss in processing	1	-	27	27	-	13	13	40
Gender mainstreaming through SHGs								
Storage loss minimization techniques								
Value addition	2	-	43	43	-	22	22	65
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies	1	-	27	27	-	13	13	40
Rural Crafts								
Women and child care								
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	4	83	15	98	30	17	47	145
Integrated Disease Management	2	37	7	44	14	7	21	65
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides	1	14	3	17	6	2	8	25
VIII Fisheries								
Integrated fish farming	1	23	4	27	8	5	13	40
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture	1	23	4	27	8	5	13	40
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								

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
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	1	23	4	27	8	5	13	40
Formation and Management of SHGs								
Mobilization of social capital	2	46	8	54	16	10	26	80
Entrepreneurial development of farmers/youths	2	37	7	44	14	7	21	65
WTO and IPR issues								
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems								
Sponsored training								
TOTAL	**26**	**383**	**248**	**631**	**140**	**164**	**304**	**935**
(B) RURAL YOUTH								
Mushroom Production								
Bee-keeping	1	14	3	17	6	2	8	25
Integrated farming								
Seed production								
Production of organic inputs	1	14	3	17	6	2	8	25
Integrated Farming								
Planting material production								
Vermi-culture								
Sericulture								
Protected cultivation of vegetable crops								
Commercial fruit production								
Repair and maintenance of farm machinery and implements								
Nursery Management of Horticulture crops								
Training and pruning of orchards								
Value addition	1	-	16	16	-	9	9	25
Production of quality animal products								
Dairying								
Sheep and goat rearing	2	28	6	34	12	4	16	50
Quail farming								
Piggery								
Rabbit farming								
Poultry production	1	14	3	17	6	2	8	25
Ornamental fisheries								
Para vets								
Para extension workers								
Composite fish culture	1	14	3	17	6	2	8	25
Freshwater prawn culture								
Shrimp farming	1	14	3	17	6	2	8	25
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching								
Rural Crafts	1	-	16	16	-	9	9	25
TOTAL	**9**	**98**	**53**	**151**	**42**	**32**	**74**	**225**
(C) Extension Personnel								
Productivity enhancement in field crops								
Integrated Pest Management	1	14	3	17	6	2	8	25
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	1	14	3	17	6	2	8	25
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	1	-	16	16	-	9	9	25
Low cost and nutrient efficient diet designing								
Production and use of organic inputs								
Gender mainstreaming through SHGs								
Any other (Pl. Specify)								
Total	**3**	**28**	**22**	**50**	**12**	**13**	**25**	**75**
G. TOTAL	**38**	**509**	**323**	**832**	**194**	**209**	**403**	**1235**

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)
Rabi	Cereal & pulses	Natural farming	PDF attached	Dr. C. S. Sharma, Sh. Umesh Kumar, and Dr. Anoop Kumar	25 years (2 years in NF)	83%
--	Home science	Handy Craft: Basic hand embroidery	PDF attached	Dr. Santosh Jhajharia and Dr. Anoop Kumar	15 years	77%
--	Extension Education	Application of ICT Tools	PDF attached	Dr. Kuldeep Singh and Dr. Anoop Kumar	9 Years	67%
--	Home science	Value Added products	PDF attached	Dr. Santosh Jhajharia and Dr. Anoop Kumar	15 Years	89%
--	Extension Education	Central and state Sponsored agriculture and rural development schemes	PDF attached	Dr. Kuldeep Singh and Dr. Anoop Kumar	9 Years	66%

6. 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	16	902	42	944	8	8	16	910	50	960
Kisan Mela	01	4000	400	4400	50	50	100	4050	450	4500
Kisan Ghosthi	06	500	40	540	30	30	60	530	70	600
Exhibition	04	3000	600	3600	200	200	400	3200	800	4000
Film Show	20	700	200	900	200	300	500	900	500	1400
Farmers Seminar	04	200	150	350	100	100	200	300	200	500
Workshop	02	100	10	110	30	10	40	130	20	150
Group meetings	08	500	50	550	30	20	50	530	70	600
Lectures delivered as resource persons	40				Not	Fixed				
Newspaper coverage	100				Not	Fixed				
Radio talks	10				Not	Fixed				
TV talks	05				Not	Fixed				
Popular articles	30				Not	Fixed				
Extension Literature	10				Not	Fixed				
Advisory Services	100				Not	Fixed				
Scientific visit to farmers field	80	650	100	750	25	25	50	675	125	800
Farmers visit to KVK	1	1500	500	2000	-	-	-	1500	500	2000
Diagnostic visits	20	150	30	180	10	10	20	160	40	200
Exposure visits	03	80	20	100	-	-	-	80	20	100
Ex-trainees Sammelan	02	25	25	50	-	-	-	25	25	50
Soil health Camp	04	80	20	100	10	05	15	90	25	115
Animal Health Camp	04	70	20	90	05	05	10	75	25	100
Agri mobile clinic										
Soil test campaigns	02	100	-	100	-	-	-	100	-	100
Farm Science Club Conveners meet	08	200	-	200	10	10	20	210	10	210
Self Help Group Conveners meetings	08	-	84	84	-	6	6	-	90	90
Mahila Mandals Conveners meetings										
Celebration of important days (specify)	10	800	100	900	50	50	100	850	150	1000
Krishi Mohostva										
Krishi Rath										
Pre Kharif workshop										
Pre Rabi workshop										
PPVFRA workshop										
Vik seat Bharat	81	20250	20250	40500	1620	1620	3240	23490	23590	46980
Total	**579**	**33807**	**22441**	**56248**	**2405**	**2449**	**4827**	**37755**	**26610**	**64255**

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	Wheat	DBW-370, DBW-332, DBW-327,	225	DWBR, Karnal,	600	Not

		DBW-303, PBW-752		PAU, Ludhiana		
OILSEEDS	Mustard	RH-725,	48	CCSHAU, Hisar	10	Not
	Sesame	RT-351, RT-372	6	JAU, Jodhpur	2	Not
PULSES	Chickpea	GNG-2171	10	KVK	30	Not
	Mungbean	MH-1142	15	KVK	20	Not
OTHERS	Clusterbean	HG 2-20	30	KVK	30	Not
	Oat	OL-14, JHO-822	8	PAU, Ludhiana & KVK	50	Not

7.2 PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)	Mother orchard in place or not
FRUITS				
1	Kinnow	--	25000	Yes
2	Malta	Blood Red	15000	Yes
3	Nimbu	Seedless	3000	Yes
4	Mandarin	Daisy	2000	Yes
5	Guava	Hisar Safeda	3000	Yes
VEGETABLES				
1	Chilli	Kranti	30000	NA
2	Cauliflower	Ampire	20000	NA
3	Cabbage	Manas	10000	NA
4	Broccoli	Green Magic	20000	NA
5	Tomato	NS 2535	5000	NA
6	Brinjal	Maya F1	5000	NA
7	Cucurbit		10000	NA
ORNAMENTAL CROPS				
1	Rose	Ganganagari Red	5000	Yes
		Total	**1,53,000**	

7.3 Bio-products

Sl. No.	Product Name	Species	Quantity	
			No	(kg)
1	Trichoderma	Harzenium	-	**300**
2	Earth worms	Eisenia foitida		200
3	Vermi compost	-	-	2000

7.4 LIVESTOCK

Sl. No.	Type	Breed	Quantity		Potential area of absorption (block)	Likely cost on production
			(Nos)	Unit		
1	Cattle	Tharparker/ Rathi/ sahiwal	2	-	KVK	200000
2	GOAT	Sirohi / Barbari	5	-	KVK	75000
3	SHEEP	-	-	-	-	-
4	POULTRY	RIR/ Black Australorp	2000	-	KVK	100000
5	FISHERIES	Jayanti rohu	2000	-	KVK	4000
		Amur carp	2000	-	KVK	4000

8. Literature to be Developed/Published

(A) KVK News Letter : Keshaw Kheti Quarterly Agriculture Magazine

Date of start : 2001

(B) Number of copies to be published : 1000

(B) Literature developed/published

S.No.	Topic	Number
1	Research paper each scientist	
	> 6.0 score	07
	< 6.0 score	07
2	Technical reports	10
3	News letters	04
4	Training manual all discipline	04
5	Popular article	30
6	Extension literature	20
	Total	**82**

(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	Fish farming Technology	01
2	CD	Entrepreneurship Development	01

9. Success stories identified for development as a case. - 10

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 - 02

1. Title/Topic
2. Crop/Area/Resource
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) PRA
b) Focus Group Discussion
c) Field level observations

Rural Youth

a) PRA
b) Focus Group Discussion

c) Field level observations

In-service personnel

a) Field level observations

b) Focus Group Discussion

c) Problem identified from Matrix

12. Indicate the methodology for identifying OFTs/FLDs

For OFT :

	Village	**Sample size**	**Involvement of SAUs/KVKs**	**Nodal officer**
i) PRA	Surewala, Khothanwlai, Nathwana, and Pakka Badhwan	Key informants-5 and use of snowball technique (30 each village)	To be conducted by KVK team of SMS	Dr. Kuldeep Singh SMS (Ext .Edu)
ii) Problem identified from Matrix				
iii) Field level observations				
iv) Farmer group discussions		20		

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) - 20 villages in 4 blocks
ii. No. of farm families selected per village: 50
iii. No. of survey/PRA conducted :04
iv. No. of technologies taken to the adopted villages: 18
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 : 2005

14.2 List of equipments purchase with amount

Sl. No.	**Name of the equipment**	**Quantity**	**Cost (Rs)**
1			

14.3. Targets of samples for analysis:

Details	**No. of Samples**	**No. of Farmers**	**No. of Villages**	**Amount to be realized**
Soil Samples (Crop)	2000	1800	20	60000
Water	600	500	20	12500
Soil Samples (Orchard)	1200	200	20	24000
Plant	200	200	20	-
Total	**4000**	**2700**	**80**	**96500**

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.	Department of Women & Chil	Identification of training needs & conducting of training programmes, joint implementation of

	development	programme for increasing productivity of crops/enterprises, joint diagnostic survey.
6.	CIFE, Mumbai	Identification of training needs & conducting of training programmes, joint implementation of programme for increasing productivity of crops/enterprises, joint diagnostic survey.
7.	RSSC, Hanumangarh	Providing Seeds and Agricultural inputs.
8.	RSSOCA, Hanumangarh	Monitoring and inspection facilities.
9.	IFFCO, Hanumangarh	Providing Seeds and Agricultural inputs and trainings.
10.	KRIBHCO, Hanumangarh	Providing Seeds and Agricultural inputs and trainings.
11.	PNB, Sangaria	Financial Management
12.	KVSS, Sangaria	Purchase of Agricultural inputs.
13.	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.
14.	CCHAU, PAU	Identification of training needs & conducting of training programmes, joint diagnostic survey, identification of target groups for implementing the KVK activities such as training.
15.	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,
16.	NABARD, Hanumangarh	Identification of training needs & conducting of training programmes, Joint implementation of programme for increasing productivity of crops/enterprises, Contribution received for infrastructural development.
17.	ATC, Hanumangarh	Help in training and Demonstration
18.	DIC, Hanumangarh	Identification of training needs & conducting of training programmes, Joint implementation of programme for increasing productivity of crops/enterprises.
19.	Forest Department	Providing sapling of plants.
20.	Department of Health	Help in medical camp
21.	AIR, Suratgarh	Coverage
22.	Etv. Rajasthan	Coverage
23.	Gangmul Dairy	Involvement in training programme.
24.	Municipality Board	Help in development healthy environment.
25.	CIPMC, Sri Ganganagar	Sponsoring the IPM training programme.
26.	RSLDC, Jaipur	Sponsoring the RMoL training programmes.
27.	EMI, Jaipur	Sponsoring the RMoL training programmes.
28.	NDRI, Karnal	Collection of blood samples and other information regarding livestock in the district and provide technical inputs
29.	AMPEDA, Chennai	Involvement in training programme
30.	Zila Parishad	Involvement in MGNREGA and SGSY
31	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.
32.	NFL	Providing Seeds and Agricultural inputs and trainings.
33.	ATMA, Hanumangarh	Involvement in all activities of ATMA.
34.	NIPHM, Hyderabad	Technical Support.
35.	RWSLIP, Jaipur	Technical Support.
36	CRIDA, Hyderabad	NICRA project
37	CIPHET Ludhiana	Help in training and exposure visit

15.2 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

S. No.	Programme	Nature of linkage
1	B-2C Training of farmers within district level	Involvement in training programmes
2	B-3B Demonstration (Allied Sector)	Involvement in demonstration programme
3	B-4 Exposure visit of farmers within state	Involvement in farmers visit
4	B-5 Capacity building, Skill development and support services for FIGs/CIGs	Involvement in organization of FIGs/CIGs and training programmes
5	B-10 Development of technology package on electronic form to be shared through IT network	Development of Audio/Video CDs/DVDs for farmer welfare
6	B-11-ii Expert support from SAU/KVK at different levels	KVK scientist support
7	B-16 Farm school	Organization of farm school at farmers field

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

S. No.	Programme	Nature of linkage
1		

15.4 Nature of linkage with National Fisheries Development Board

S. No.	Programme	Nature of linkage
1	Training & Awareness Programmme	Technical Supports

16 Utilization of hostel facilities NA

S. No.	Programme	No. of days
1		
	Total	

17 Convergence with departments: NA

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

1. Good response of GNG-2171 variety of chickpea.
2. Good response of RH-725 variety of Mustard.
4. Good response of RT-351 variety of Sesame.
5. Good response of basal application of fertilizers and IPM practices in chickpea crop.
6. Green magic is a high yielding variety of Broccoli.

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

1. Infestation of Pink stem borer (*Sesamia inference*) has been observed in wheat fields last year. Package of practices (POP) of Zone IB has no recommendations for its control. Therefore, there is a need for research or recommendation for the control of this pest.
2. Fruit fly (Ceratitis capitata) is also a problem in Kinnow. Package of practices (POP) of Zone IB has no recommendations for its control. Therefore, there is a need for research or recommendation for the control of this pest.
3. The issue of weed emergence after sowing is a common problem in mustard and chickpea crops. The current recommended practices (POP) only address pre-sowing and pre-emergence herbicide use for weed control. Therefore, there is a need to assess and recommend post emergence herbicides that can effectively manage weeds appear after sowing in mustard and chickpea crops.

29.0 Target for Revolving Funds

Year	Revolving Fund (Rs.)	Activities conducted/ proposed to accomplish RF	Income (Rs. in lakhs)/Target	Expenditure (2022) Rs. in lakhs	Balance (Rs. in lakhs)
2022	80.59 Lakhs (01-04-2022)		48.90	51.44	71.49
2023	71.49 Lakhs (1.1.2023)		51.15	53.33	77.44
2024	77.44 Lakh (1.1.2024)	1.Seed Production 2. Nursery 3. Orchards 4. Demonstration units 5.Soil & water testing lab 6. Other's	60.00	45.00	92.44

Annexure - I

Training Programme

i) Farmers & Farm women (On Campus)

Date	Clientele	Title of the training programme	Duration	Number of	Number of SC/ST	G.

			in days	participants						Total
				M	F	T	M	F	T	
Crop Production										
June 24	PF	Precise irrigation in cotton crop	4	14	3	17	6	2	8	25
Sept. 24	PF	Organic farming & their inputs	4	14	3	17	6	2	8	25
Nov. 24	PF	Integrated nutrients & weed management in Wheet crops	4	14	3	17	6	2	8	25
Horticulture										
May 24	PF	Work plan for New Orchard	4	14	3	17	6	2	8	25
July 24	PF	Nutrient Management in Vegetables	4	14	3	17	6	2	8	25
Oct24	PF	Improved Production technology of Rabi Vegetables	4	14	3	17	6	2	8	25
Livestock prod.										
Feb. 24	PF/FW	Managemental Practices in Dairy farming	4	14	3	17	6	2	8	25
June 24	RY	Care and management of Goats	4	14	3	17	6	2	8	25
Sep. 24	RY	Management practices in poultry farming	4	14	3	17	6	2	8	25
Dec. 24	RY	Management practices in Goat farming	4	14	3	17	6	2	8	25
Agril. Extension										
Nov. 24	PF	Secondary agriculture based entrepreneurial activities	4	14	3	17	6	2	8	25
Home Sc.										
Sept 24	PFW	Preparation techniques of milk and milk products	4	-	16	16	-	9	9	25
Dec 24	RY	Dehydration and value addition of Amla	4	-	16	16	-	9	9	25

Plan prot.										
Feb. 2024	PF	On farm production of Bio Agent	4	14	3	17	6	2	8	25
July 2024	PF	Integrated pest management in cotton & paddy	4	14	3	17	6	2	8	25
Nov. 2024	PF	Pest & Disease management in Rabi crops	4	14	3	17	6	2	8	25
Fisheries										
June 24	RY	Fish culture in village pond/water storage tank	4	14	3	17	6	2	8	25
Oct. 24	RY	Saline water shrimp culture	4	14	3	17	6	2	8	25
Soil Health										
June 24	PF	Soil fertility and nutrient management	2	14	3	17	6	2	8	25

i) Farmers & Farm women (Off Campus)

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
Crop Production										
May 24	PF	Production technology of cotton	1	23	4	27	8	5	13	40
June 24	PF	Production technology of moong	1	23	4	27	8	5	13	40
Oct. 24	PF	Production technology of mustard	1	23	4	27	8	5	13	40
Nov. 24	PF	Production Technology of Chickpea	1	23	4	27	8	5	13	40
Horticulture										
Feb24	PF	Bloom enhancing in Citrus	1	23	4	27	8	5	13	40
Aug 24	PF	Weed Management in fruit crop	1	23	4	27	8	5	13	40
Sept 24	PF	Adoption of New varieties in Onion, Garlic and Potato	1	23	4	27	8	5	13	40
Nov. 24	PF	Improved package practices in Rose	1	23	4	27	8	5	13	40
Live Stock Production.										
Feb. 24	PF	Role of vaccination in Animals	1	23	4	27	8	5	13	40
June. 24	PF	Mastitis management in Dairy Animals	1	23	4	27	8	5	13	40
Nov. 24	PF	Importance of A.I. in farm Animals	1	23	4	27	8	5	13	40
Agril. Extension										
Feb. 24	PF	Application of group dynamics activities in formation of farm producers organization	1	23	4	27	8	5	13	40
March. 24	PF	Awareness about creating among stockholders on State and centrally sponsored agricultural and rural development schemes	1	23	4	27	8	5	13	40

April 24	PF	Application of digital platform for marketing of farm product	1	23	4	27	8	5	13	40
May. 24	PF	Creating and capacity building of farmers in climate resilient agriculture	1	23	4	27	8	5	13	40
Home Sc.										
March 24	PFW	Creating awareness through Nutritional Garden	1	-	31	31	-	9	9	40
April 24	PFW	Value addition of clothes through tie and dye	1	-	31	31	-	9	9	40
May 24	PFW	Nutritional security through nutrient dense recipes	1	-	31	31	-	9	9	40
June 24	PFW	Minimization of nutrient loss in processing	1	-	31	31	-	9	9	40
Oct. 24	PFW	Kitchen waste utilization for composting	1	-	31	31	-	9	9	40
Nov. 24	PFW	Stress management and drudgery reduction for women	1	-	31	31	-	9	9	40
Plant Protection										
Feb.24	PF	Pest management in fodder crops	1	23	4	27	8	5	13	40
July 24	PF	Cotton pest management and their natural enemies	1	23	4	27	8	5	13	40
Aug. 24	PF	Integrated pest & disease management of Paddy	1	23	4	27	8	5	13	40
Dec. 24	PF	Integrated pest management of wheat and gram	1	23	4	27	8	5	13	40
Fisheries										
Feb.24	PF	Management of water storage tank/village pond for fish farming	1	23	4	27	8	5	13	40
Oct. 24	PF	Feeding and disease management in fish culture	1	23	4	27	8	5	13	40

ii) Vocational training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Month	Duration (days)	No. of Participants			SC/ST participants			G.Total
					M	F	T	M	F	T	
Crop prod.	INM	Integrated Nutrient Management in rabi & kharif crops	Apr 24	15	17	3	20	4	1	5	25
Plant Prote.	IPM	Bio agent production	Oct. 24	7	17	3	20	4	1	5	25
Plant Prote.	Beekeeping	Bee keeping	Aug. 24	7	17	3	20	4	1	5	25
Home Sc.	Income generation activities for emphasis of rural women	Empowerment of Rural Women through Basic Hand Embroidery	June24	15	-	16	16	-	9	9	25

iii) Training programme for extension functionaries

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
On Campus										
June 24	Agri. Supervisors	IPM in Kharif crops	2	17	3	20	4	1	5	25
Aug. 24	Anganwari workers	Nutritional deficiency and source of nutrients for rural women	2	-	16	16	-	9	9	25
Dec. 24	Extension Workers/ Agri. Supervisors	Application of ICT platforms in technologies dissemination and development	2	17	4	21	3	1	4	25

iv) Sponsored programme

Discipline	Sponsoring agency	Clientele	Title of the training programme	No. of course	No. of participants			Number of SC/ST			G. Total
					M	F	T	M	F	T	
a) Sponsored training progdramme											
Horticulture	ASCI	Rural youth	Garden Keeper	01	17	3	20	4	1	5	25
Horticulture	RAJEEVIKA	Krishi Sakhi	Cultural practices in kharif season	01	-	16	16	-	9	9	25
Horticulture	RWSLIP	Ag/Horti. officials	Sub. PMU Level workshop	01	17	3	20	4	1	5	25
			Total	**03**	**37**	**30**	**67**	**10**	**13**	**23**	**90**
b) Sponsored research programme											

			Total								
c) Any special programmes											
			Total								