

PROPOSED ACTION PLAN OF KVKs FOR THE YEAR 2024

(1st January 2024 to 31st December 2024)

1. GENERAL INFORMATION

1.1 Name of KVK : KVK, Banswara

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 : No

1.5 Details of Senior Scientist & Head

Name	Telephone / Contact		
	Office	Mobile	Email
Dr. B.S.Bhati	-	9829422993	bhati.bsbikaner@gmail.com

1.6 Date of establishment : 1983

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	Vacant	-	-	-	-	-	-
2	Scientist	Dr. H.L. Bugalia	Scientist	Animal Science	L-11	87300	31.12.2011	OBC
3	Scientist	Dr. B.S.Bhati	Scientist	Horticulture	L-11	84800	25.06.2013	Others
4	Scientist	Vacant	Scientist	Agro	-	-	-	-
5	Scientist	Vacant	Scientist	Soil Sc.	-	-	-	-
6	Scientist	Vacant	Scientist	Fisheries	-	-	-	-
7	Scientist	Vacant	Scientist	Home Sc.	-	-	-	-
8	Programme Assistant	Dr. G.L. Kothari	STA	Agriculture Extension Education	L-16	121500	20-2-1990	Others
9	Computer Programmer	Dr. Rashmi Dave	T.A.	Home Science	L-13	73400	13-8-2003	Others
10	Farm Manager	Sh.Bharat Maida	T.A.	Ag.	L-11	26500	05.05.2023	ST
11	Programme Assistant	Sh.Akshat Joshi	T.A.	Ag.	L-11	26500	12.07.2023	Others
12	Accountant	Vacant	Accountant	-	-	-	-	-
13	Stenographer*	Vacant	Stenographer*	-	-	-	-	-
14	Driver	Vacant	Driver	-	-	-	-	-
15	Driver	Vacant	Driver	-	-	-	-	-
16	Supporting staff	Sh. Jayesh	Supporting Staff	-	L-1	20500	14.10.19	ST
17	Supporting staff	Sh.Kailash Katara	Supporting Staff	-	L-1	12400	02.03.22	ST

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	Administrative Building	1988	441.85	Constructed by EO and handed over to KVK	-	-	Old Building
2.	Farmers Hostel	ICAR	1985	372.0	Constructed by EO and handed over to KVK	-	-	-
3.	Staff Quarters (6)	ICAR	2006-07	405.0	Constructed by EO and handed over to KVK	-	-	-
4.	Demonstration Units (2)	Other agency	1992	372.33	3.00	-	-	-
5	Fencing	ICAR	2015		-	-	-	-
6	Rain Water harvesting system	ICAR	2008	35	9.72	-	-	-
7	Threshing floor	ICAR	2007	-	1.00	-	-	-
8	Farm godown	ICAR	-	EO Office	-	-	-	-
	Administrative Building	Administrative Building	1988	441.85	Constructed by EO and handed over to KVK	-	-	Old Building
9	Equipment shed	Award money	2019	102	1.70	-	-	New Building

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Bolero Jeep	2007	500000	309100	Unserviceable
Motor Cycle	2004	27000	140356	Running
Motor Cycle	2011	50000	70980	Running
Tractor	2017	512633	1942 hrs	Running

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
LCD	2005	82,620	Good
Television + VCD	2007	26,200	Good
Video Conferencing	2007	1,70,840	Good
Digital Camera	2009	15,000	Good
Digital Camera	2011	27,000	Good
KYAN	2017	1,00,000	Good
Digital Camera	2017	48000	Good
Computer	2021	49400	Good
Smart Computer	2022	67989	Good
Laptop	2022	69500	Good

1.9 Participation in ZREAC Meeting

Sl. No.	Date of ZREAC Meeting	Technology presented by KVK	Outcome of the Meeting
1	26-27.09.2023	Balanced Nutrient Management in Onion	Assessment practice- (100:50:100 kg N, P ₂ O ₅ and K ₂ O)+ Foliar spray of ZnSO ₄ @ 0.5% at 30 and 45 DAT was recommended for onion Cultivation

1.10 Proposed SAC meetings in the year

Sl.No.	Date
1. Scientific Advisory Committee	25.05.2024

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	Crop based : Maize/Cotton/Soybean/Paddy - Wheat/Rabi Maize/Gram/Summer greengram	Kharif-190000 Rabi- 101000 Summer-12000
2	Horticulture based : Chilli/Tomato/Brinjal/Okra/ Onion/Cucurbits	Kharif-18000 Rabi- 10000 Summer-2500
3	Live stock based : Cow/Buffalo/Goat	Cow-70000 Buffalo-282000 Goat-900000

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	Southern Humid Plain Zone (IV b)	AES-I- Sandy loam soil, medium rainfall	Medium elevation
		AES-II - Med-um black soil, high rainfall	Medium elevation
		AES-III- Medium black soil, high rainfall	High elevation

1.11.3 Major Soil Types in the district

S. No	Soil type	Characteristics	Area in ha
1	Medium black clay soil	Heavier and content high clay, high water holding capacity and suitable for cotton and soybean	10.50
2	Medium brown clay soil		15.56
3	Medium brown loamy soil		21.55
4	Medium brown gravelly loam	Medium in clay and suitable for vegetables and most crops	13.48
5	Red gravelly loamy hilly sols	Light soils, low water holding capacity and suitable for maize and pulses	3.75
6	Medium red loamy		21.39
7	Shollow red gravelly loam		13.22

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)
1	Paddy	26549	41906	1578
2	Maize	103680	194116	1872
3	Blackgram	4285	1542	360
4	Soybean	78817	85627	1086
5	Cotton	10546	56053	904
6	Wheat	124214	326052	2625
7	Barley	514	1790	3482
8	Gram	17385	20554	1182

Source: Department of Agriculture , Banswara.

1.11.5 Weather parameters

Month	Rainfall (mm)	Temperature 0 C		Relative Humidity (%)	
		Maximum	Minimum	Maximum	Minimum
January 2023	19.7	29.5	6.7	77	31
February 2023	-	34.4	9.1	65	23
March 2023	7.2	34.6	15.2	70	34
April 2023	20.6	39.6	18.2	70	19
May 2023	2.6	41.2	23.4	57	17
June 2023	82.2	39.8	25.5	79	28
July 2023	339.6	34.6	24.8	89	54
August 2023	113.4	32.0	23.4	87	59
September 2023	400.3	34.7	24.1	89	41
October 2023	-	35.4	15.8	73	22
November 2023	-	34.7	13.7	70	30
December 2023	-	28.5	8.5	76	32
Total	985.6				

1.11.6 Livestock and Fisheries Production and productivity

Category	Population	Production	Productivity
Cattle			
<i>Cow – indigenous</i>	9906	1350 lit/lactation	4.5 lit / day
<i>Cow – crossbred</i>	598453	450 lit/lactation	1.5 lit / day
Buffalo	282438	1500 lit/lactation	2.5 lit / day
Goats			
<i>Indigenous</i>	504758	-	-
<i>Crossbred</i>	7207	-	0.25 lit/day
Sheep	-	-	-
Pigs			
<i>Crossbred</i>	125	-	-
<i>Indigenous</i>	-	-	-
Rabbits	-	-	-
Poultry			
Hens	-	-	-
<i>Desi</i>	268707	30-40 eggs/year	-
Category		Production (Q.)	Productivity
Fish (Reservoir)	22200 ha	220 mt	100 kg/ha/year

*Statistical report

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
Bagidora	Bagidora	Badliya,Jalda	10825	3000	15	200	2785	3000
Arthuna	Arthuna	Gamdi narayan	800	212	2	8	202	212
Kushalgarh	Kushalgarh	Nagda Badi	1400	260	3	82	175	260
Ghatol	Ghatol	Amarthun Chadla, Kanpura, Ratnagiri	16526	3800	12	318	3470	3800
Anandpuri	Anandpuri	Chhayna	2700	438	1	68	369	438
Talwara	Talwara	Motira , Rampura	5900	1407	0	125	1282	1407

1.11.8 Cropping Patterns & Problems

Taluka	Block	Village	Major crop/ enterprise	PRA completed on date	Problem identified	Ranking of problems
Arthuna/Bagidora	Arthuna/Bagidora	Gamdi narayan, Badliya,Jalda	Maize Wheat Soybean Vegetables Pulses	21.12.2022 30.05.2023	<ul style="list-style-type: none"> Low yield of major cereals and pulses. Low seed replacement rate of 	I II

					<ul style="list-style-type: none"> pulses. • Non descript breed of goat. • Malnutrition in farm families. 	III IV
Kushalgarh	Kushalgarh	Nagda Badi	Maize Soybean Pulses	13.06.2023	<ul style="list-style-type: none"> • Low yield of major cereals and pulses. • Low seed replacement rate of pulses. • Non descript breed of goat. • Malnutrition in farm families. • Lack of improved quality breed of Poultry 	I II III IV V
Ghatol	Ghatol	Amarthoon Chadla, Kanpura, Ratnagiri	Maize Wheat Soybean Vegetables Pulses	08.04.2022 12.04.2022 12.05.2022 18.05.2022	<ul style="list-style-type: none"> • Low yield of major cereals and pulses. • Low seed replacement rate of pulses. • Non descript breed of goat. • Malnutrition in farm families. 	I II III IV
Anandpuri	Anandpuri	Chhayna	Maize Wheat Soybean Pulses	16.09.2022	<ul style="list-style-type: none"> • Low yield of major cereals and pulses. • Low seed replacement rate of pulses. • Non descript breed of goat. • Malnutrition in farm families. 	I II III IV
Talwara	Talwara	Motira,Rampura	Wheat Soybean Vegetables Pulses	10.08.2023 26.09.2023	<ul style="list-style-type: none"> • Low yield of major cereals and pulses. • Low seed replacement rate of pulses. • Non descript breed of goat. • Malnutrition in farm families. 	I II III IV

1.11.9 Livestock

1.11.10 Fisheries

1.11.11 Thrust area (Give in the order or priority)

S.N.	Thrust area
1	Enhancing productivity of maize, paddy, soybean and cotton during <i>kharif</i> , wheat and gram during <i>rabi</i> and greengram during <i>zaid</i> season
2	Increasing the seed replacement rate through promoting seed production techniques of self pollinated crops
3	Diversifications of existing cropping systems by promoting cultivation of vegetables and fruit plants such as mango (Malika, Kesar, Dasher, etc.), Aonla (NA-7, Chakaiya) and Guava (L-49) and conservation of genetic resources of mango
4	Promotion dry land farming technologies with emphasis on water harvesting
5	Improving the indigenous breeds of goat by breeding and management
6	Empowerment of women through drudgery reduction in agriculture and animals husbandry, improvement in the nutrition, health, hygiene and by using improve agricultural implements
7	Imparting vocational training to tribal youth for self-employment generation on fruit plant nursery raising, livestock production, agro processing of soybean & mango
8	Exploring possibilities of aqua culture in tribal belt of Banswara
9	Capacity building of rural youth in agri and allied vocations for self-employment and enterprise establishment.

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. Gamdi Narayan/Arthuna	30.05.2023	50	KVK	Unavailability of improved seed	40
2. Nagda Badi/Kushalgarh	13.06.2023	62	KVK and Vaaghdhara	Unavailability of improved Millet Seed	46
3. Motira/ Talwara	10.08.2023	38	KVK and Reliance Foundation	Problem of Balanced Nutrient Management in Hybrid Vegetables	22
4. Rampura/Talwara	26.09.2023	55	KVK and Reliance Foundation	Unavailability of improved Breed of Goat	38

2. TECHNICAL PROGRAMME

2.1 Targeted mandatory activities by KVK

	No.	Farmers
OFT	2	10
FLD	72	220
Training	36	1260
Extension Activities	253	11677

Seed Production (Qtl.)	Planting material (Nos.)	Fish seed prod. (Nos)	Livestock production (No.)	Soil/water Samples
120	60500	0	0	0

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	0	0	0	0	1	0	0	0	0	1
Seed / Plant production	0	0	0	0	0	0	0	0	0	0
Weed Management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	1	0	0	0	0	1
Integrated Farming System	0	0	0	0	0	0	0	0	0	0
Mushroom cultivation	0	0	0	0	0	0	0	0	0	0
Drudgery reduction	0	0	0	0	0	0	0	0	0	0
Farm machineries	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0
Resource conservation technology	0	0	0	0	0	0	0	0	0	0
Small Scale income generating enterprises	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	2	0	0	0	0	2

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

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Wormi culture	Fisheries	TOTAL
Evaluation of Breeds	0	0	0	0	0	0	0	0
Nutrition Management	0	0	0	0	0	0	0	0
Disease of Management	0	0	0	0	0	0	0	0
Value Addition	0	0	0	0	0	0	0	0
Production and Management	0	0	0	0	0	0	0	0
Feed and Fodder	0	0	0	0	0	0	0	0
Small Scale income generating enterprises	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0

2.4 Frontline Demonstrations

A. Details of FLDs to be organized –

Seed arranged in quality	Source of seed	Nodal person with contact no.	Village	Block/Taluka
Hybrid /Certified	Seed Hub, ARS, Banswara/RSSC Ltd,Banswara/NHRDF, Kota	Sh.Akshat Joshi 7976604200	Gamdi narayan, Badliya,Jalda, Nagda Badi Amarthun,Chadla, Kanpura, Ratnagiri Chhyana Hameerpura Bada, Ratanpura Motira, Rampura	Arthuna/Bagidora Kushalgarh Ghatol Anandpuri Banswara Talwara

Sl. No.	Crop	Variety	Thematic area	Technology for demonstration	Critical inputs	Season and year	Area (ha)	No. of farmers/ demon.	Parameters identified
1	Soybean	JS 20-98 / JS 20-116	ICM	Seed replacement	Seed	Kharif 2024	20	50	Yield q./ha
2	Black Gram	Mukundra Urd-2	ICM	Seed replacement	Seed	Kharif 2024	20	50	Yield q./ha
3	Gram	GNG-2144	ICM	Seed replacement	Seed	Rabi 2024-25	20	50	Yield q./ha
4	Okra	Arka Abhay/ Arka Anamika/Marvel/ Shakti	HOV	Seed replacement	Seed	Zaid 2024	2	10	Yield q./ha
5	Chilli	Arka Shweta/ Sitara/Ujala	HOV	Seed replacement	Seed	Zaid 2024	2	10	Yield q./ha
6	Tomato	Arka Rakshak/ TO- 1057	HOV	Seed replacement	Seed	Rabi 2024-25	2	10	Yield q./ha
7	Brinjal	Arka Navneet/ Pusa Hybrid 9/ Pratap/ Chhaya	HOV	Seed replacement	Seed	Rabi 2024-25	2	10	Yield q./ha
8	Onion	L-920	HOV	Seed replacement	Seed	Rabi 2024-25	2	10	Yield q./ha
9	Papaya	Red Lady-786/ Arka Suriya	Cultivation of fruits	HYV	Fruit plant	2024-25	1	10	Yield q./ha
10	Mango	Mallika /Dashehari	Cultivation of fruits	Grafted Plants	Fruit plant	2024-25	1	10	Yield q./ha
					Total		72	220	

2.5 Sponsored Demonstration

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	8	October, March	500
2	Farmers Training	4	June, October	200
3	Media coverage	10	-	-
4	Training for extension functionaries	02	September, December	50

2.5.2. Details of FLD on Enterprises

(i) Farm Implements

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
Greengram	Summer	2 nd Fortnight of May, 2024	50	Shantivan/Ghatol	Sh. Akshat Joshi
Greengram	Summer	2 nd Fortnight of May, 2024	50	Amarthun/Ghatol	Sh. Akshat Joshi
Blackgram	Kharif	2 nd Fortnight of September, 2024	50	Kanpura/Ghatol	Sh. Akshat Joshi
Blackgram	Kharif	2 nd Fortnight of September, 2024	50	Ratnagiri/Ghatol	Sh. Akshat Joshi
Soybean	Kharif	2 nd Fortnight of September, 2024	50	Gamdi narayan/Arthuna	Sh. Akshat Joshi
Soybean	Kharif	2 nd Fortnight of September, 2024	50	Chadla/Ghatol	Sh. Akshat Joshi
Gram	Rabi	2 nd Fortnight of February, 2025	50	Chhayna/ Anandpuri	Sh. Akshat Joshi
Gram	Rabi	2 nd Fortnight of February, 2025	50	Amarthun/Ghatol	Sh. Akshat Joshi

2.5.4 Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds/ha. etc.	Critical inputs	Performance parameters / indicators
Poultry	Pratapdhan/ Kadaknath /Colour Cross Breed	50	1000	6 weeks age	Egg production and body weight
Breed Improvement in Goat	Sirohi Breeding buck	10	10	Breeding buck	Number of progenies

2.5.5 FLDs on nutri-garden/nutrition

Enterprise	Activity	Approx. No. of Units	Critical inputs	Performance parameters / indicators
Nutri Garden	Establishment of Nutri Garden	200	Improved Vegetables Seeds	Improvement in Nutritional Status

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.	Varietal Assessment of Rabi Onion	Onion	Nursery Raising	Low yield in Onion	NHRDF, Nashik, MS	NHRDF, Nashik, MS	Onion Seed of NHRDF, Kota	Dr. B.S. Bhati, 9829422993
2.	Management of mango stem borer using Arka Borer Control	Mango	Layout and Management of Orchards	Low Yield of Mango	IIHR,Bangalore	IIHR,Bangalore	Arka Borer Control of IIHR , Bangalore	Dr. B.S. Bhati, 9829422993

* 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 farmers 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
Kharif 2024								
1.	Soybean	JS 20-98 / JS 20-116	20	50	Seed replacement	ARS, Banswara	Seed	Sh. Akshat Joshi Mobile No-7976604200
2.	Black Gram	Mukundra Urd-2	20	50	Seed replacement	ARS, Banswara	Seed	Sh. Akshat Joshi Mobile No-7976604200
Rabi 2024-25								
1	Gram	GNG-2144	20	50	Seed replacement	ARS, Banswara	Seed	Sh. Akshat Joshi Mobile No-7976604200
2	Okra	Arka Abhay/ Arka Anamika/Marvel/ Shakti	2	10	Seed replacement	IIHR, Bangalore	Seed	Sh. Akshat Joshi Mobile No-7976604200
3	Chilli	Arka Shweta/ Sitara/Ujala	2	10	Seed replacement	IIHR, Bangalore	Seed	Sh. Akshat Joshi Mobile No-7976604200
4	Tomato	Arka Rakshak/ TO- 1057	2	10	Seed replacement	NHRDF, Kota	Seed	Sh. Akshat Joshi Mobile No-7976604200

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
Nursery management	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0
III Soil Health and Fertility Management								
Soil fertility management	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0
IV Livestock Production and Management								
Dairy Management	0	0	0	0	0	0	0	0
Poultry Management	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0
Rabbit Management/goat	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0
Feed management	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	1	0	0	0	0	30	30	30
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0
Value addition	3	0	0	0	0	90	90	90
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
VII Plant Protection								
Integrated Pest Management	0	0	0	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0	0	0	0
Bio-control of pests and diseases	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0
VIII Fisheries								
Integrated fish farming	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0
IX Production of Inputs at site								
Seed Production	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
Bio-agents production	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0
X Capacity Building and Group Dynamics								
Leadership development	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0
XI Agro-forestry								
Production technologies	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0
XII Others (Pl. Specify)	0	0	0	0	0	0	0	0
TOTAL	10	0	0	0	150	150	300	300
(B) RURAL YOUTH								
Mushroom Production	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0
Integrated Farming (Medicinal)	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
Tailoring and Stitching	1	0	0	0	0	25	25	25

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
Rural Crafts	0	0	0	0	0	0	0	0
TOTAL	1	0	0	0	0	25	25	25
(C) Extension Personnel								
Productivity enhancement in field crops	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	1	10	0	10	15	0	15	25
Information networking among farmers	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0
Household food security	1	10	0	10	15	0	15	25
Women and Child care	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Any other (Pl. Specify)	0	0	0	0	0	0	0	0
TOTAL	2	20	0	20	30	0	30	50
G. Total	13	20	0	20	180	175	355	375

5.2 OFF Campus

3.2 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	1	0	0	0	25	15	40	40
Resource Conservation Technologies	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0
Crop Diversification	1	0	0	0	25	15	40	40
Integrated Farming	1	0	0	0	25	15	40	40
Water management	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Crop Management	2	0	0	0	50	30	80	80
Fodder production	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	0	0	0	0	0	0	0	0
Off-season vegetables	0	0	0	0	0	0	0	0
Nursery raising	1	0	0	0	25	15	40	40
Exotic vegetables like Broccoli	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	3	0	0	0	75	45	120	120
b) Fruits								
Training and Pruning	1	0	0	0	25	15	40	40
Layout and Management of Orchards	1	0	0	0	25	15	40	40
Cultivation of Fruit	1	0	0	0	25	15	40	40
Management of young plants/orchards	1	0	0	0	25	15	40	40
Rejuvenation of old orchards	1	0	0	0	25	15	40	40

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
Export potential fruits	1	0	0	0	25	15	40	40
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0
c) Ornamental Plants								
Nursery Management	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0
d) Plantation crops								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
e) Tuber crops								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
f) Spices								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants								
Nursery management	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0
III Soil Health and Fertility Management								
Soil fertility management	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0
IV Livestock Production and Management								
Dairy Management	0	0	0	0	0	0	0	0
Poultry Management	1	0	0	0	30	10	40	40
Piggery Management	0	0	0	0	0	0	0	0
Rabbit Management /goat	1	0	0	0	30	10	40	40
Disease Management	0	0	0	0	0	0	0	0
Feed management	1	0	0	0	30	10	40	40
Production of quality animal products	0	0	0	0	0	0	0	0
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	1	0	0	0	0	30	30	30
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	2	0	0	0	0	60	60	60
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Storage loss minimization techniques	1	0	0	0	0	30	30	30
Value addition	1	0	0	0	0	30	30	30
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
Cropping Systems	0	0	0	0	0	0	0	0
Crop Diversification	1	0	0	0	25	15	40	40
Integrated Farming	1	0	0	0	25	15	40	40
Water management	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Crop Management	4	0	0	0	100	40	140	140
Fodder production	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	0	0	0	0	0	0	0	0
Off-season vegetables	1	0	0	0	25	5	30	30
Nursery raising	1	0	0	0	25	15	40	40
Exotic vegetables like Broccoli	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	4	0	0	0	100	50	150	150
b) Fruits								
Training and Pruning	1	0	0	0	25	15	40	40
Layout and Management of Orchards	1	0	0	0	25	15	40	40
Cultivation of Fruit	1	0	0	0	25	15	40	40
Management of young plants/orchards	1	0	0	0	25	15	40	40
Rejuvenation of old orchards	1	0	0	0	25	15	40	40
Export potential fruits	2	0	0	0	50	20	70	70
Micro irrigation systems of orchards	1	0	0	0	25	5	30	30
Plant propagation techniques	0	0	0	0	0	0	0	0
c) Ornamental Plants								
Nursery Management	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0
d) Plantation crops								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
e) Tuber crops								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
f) Spices								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants								
Nursery management	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0
III Soil Health and Fertility Management								
Soil fertility management	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0
IV Livestock Production and Management								
Dairy Management	0	0	0	0	0	0	0	0
Poultry Management	1	0	0	0	30	10	40	40
Piggery Management	0	0	0	0	0	0	0	0
Rabbit Management/goat	1	0	0	0	30	10	40	40
Disease Management	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
Feed management	1	0	0	0	30	10	40	40
Production of quality animal products	0	0	0	0	0	0	0	0
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	2	0	0	0	0	60	60	60
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	2	0	0	0	0	60	60	60
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Storage loss minimization techniques	1	0	0	0	0	30	30	30
Value addition	4	0	0	0	0	120	120	120
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
VII Plant Protection								
Integrated Pest Management	0	0	0	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0	0	0	0
Bio-control of pests and diseases	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0
VIII Fisheries								
Integrated fish farming	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0
IX Production of Inputs at site								
Seed Production	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0
X Capacity Building and Group Dynamics								
Leadership development	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
WTO and IPR issues	0	0	0	0	0	0	0	0
XI Agro-forestry								
Production technologies	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0
Sponsored training	0	0	0	0	0	0	0	0
TOTAL	34	0	0	0	640	570	1210	1210
(B) RURAL YOUTH								
Mushroom Production	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
Tailoring and Stitching	1	0	0	0	0	25	25	25
Rural Crafts	0	0	0	0	0	0	0	0
TOTAL	1	0	0	0	0	25	25	25
(C) Extension Personnel								
Productivity enhancement in field crops	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	1	10	0	10	15	0	15	25
Information networking among farmers	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0
Household food security	1	10	0	10	15	0	15	25

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
Women and Child care	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Any other (Pl. Specify)	0	0	0	0	0	0	0	0
Total	2	20	0	20	30	0	30	50
G. TOTAL	36	20	0	20	645	580	1225	1245

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)
<i>Kharif</i>	Blackgram, Soybean	ICM		Dr. B.S.Bhati	10 years	Improved Production technology
<i>Rabi</i>	Wheat, Gram,	ICM		Dr. B.S.Bhati	10 years	Improved Production technology

6. Extension Activities (including activities of FLD programmes)

[illegible]

Animal Health Camp	0	0	0	0	0	0	0	0	0	0
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	3	0	43	43	1	1	2	1	45	46
Mahila Mandals Conveners meetings	0	0	0	0	0	0	0	0	0	0
Celebration of important days (specify)	10	977	523	1500	22	6	28	999	529	1528
Krishi Mohostva	0	0	0	0	0	0	0	0	0	0
Krishi Rath	0	0	0	0	0	0	0	0	0	0
Pre Kharif workshop	2	50	50	100	10	-	10	60	50	110
Pre Rabi workshop	2	50	50	100	10	-	10	60	50	110
PPVFRA workshop	0	0	0	0	0	0	0	0	0	0
Any Other (Specify)	0	0	0	0	0	0	0	0	0	0
Total	253	8517	2906	11423	326	107	433	8843	3014	11677

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 (BS / FS)	Raj-4037	60	ARS, Banswara	480	Yes
OILSEEDS	Soybean (BS / FS)	JS-20-116	30	ARS, Banswara	400	Yes
PULSES	Gram (BS / FS)	GNG-2144	30	ARS, Banswara	210	Yes
VEGETABLES	-	-	-	-	-	-
OTHERS (Fruits)	Mango	Mallika, Dashehari, Langra, Amrapali, etc.	50	KVK, Banswara		
	Guava	L-49	100	KVK, Banswara		

7.2 PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)	Mother orchard in place or not
FRUITS	Mango (Grafted)	Mallika, Dashehari, Langra, Amrapali, Kesar etc.	14000	Yes
	Guava (Budded, Air layering)	L-49, Allahabad Safeda	6000	Yes
	Lemon (Air layering)	Kagzi	5000	Yes
	Sapota (Grafted)	Kali Patti	500	Yes
	Papaya (Seeded)	Red Lady-786	20000	-
	Pomegranate (Cutting)	Mradula	1000	Yes
VEGETABLES	Vegetable (Seedlings)	Tomato, Brinjal, Onion, Chilli	23000	-
SPICES				
FOREST SPECIES				
ORNAMENTAL CROPS				
		Total	60,500	

7.3 Bio-products

Sl. No.	Product Name	Species	Quantity	
			No	(kg)
BIO PESTICIDES				
1	Vermicompost	Organic manures	-	2000
2	worms	<i>Isenia foetida</i>	-	50

7.4 LIVESTOCK

Sl. No.	Type	Breed	Quantity		Potential area of absorption (block)	Likely cost on production
			(Nos)	Unit		
Cattle						
GOAT						
SHEEP						
POULTRY						
Pig farming						
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	
	> 6.0 score	-
	< 6.0 score	2
2	Technical reports	15
3	News letters	0
4	Training manual all discipline	2
5	Popular article	4
6	Extension literature	4
	Total	27

(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	1 DVD	On Entrepreneurship Development	1

- 9. Success stories identified for development as a case. - Livelihood Security through Goatery**
- Brief introduction- Training and Motivation of Tribal Youth for Goat Rearing for their Livelihood Security
 - Interventions- Sirohi Goat Unit (3+1)
 - Output –Increase in Milk Yield and Body Weight in Local Breed
 - Outcomes - Promotion of Sirohi Breed in Goatery
 - Impact
 - Social economic – Enhancement of Income
 - Bio-Physical – Improvement in Family Nutrition Status
 - Good Action Photographs
10. Case studies to be conducted- Nutritional improvement and Enhancement of family income among Tribes
- Title/Topic- Improved Poultry Rearing
 - Crop/Area/Resource- Improved Breed of Poultry –Pratapdhan of MPUAT, Udaipur
 - Number of sample farmers (proposed)- 50
 - Block/village – Ghatol, Banswara
 - Likely date of start- April 2024
 - Likely date of completion- March 2025
 - Nodal person for case study-Bharat Maida
 - KVK intervention/participation- Pratapdhan Poultry Birds

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

- Selection of farmers based on need.
- Use of ICT.
- More emphasis on practical aspects of the subject.

Rural Youth

- Selection of youth based on need.
- More emphasis given on the improvement in the skill.
- Providing Opportunity to rural youth for Employment generation
- Federating the youth for marketing their products in better way.

In-service personnel

- Imparting latest technical know how.
- Use of ICT.
- More emphasis on practical aspects of the subject.

12 Indicate the methodology for identifying OFTs/FLDs

For OFT :

	Village	Sample size	Involvement of SAUs/KVKs	Nodal officer
i) PRA	Kehari	1	KVK, Banswara	Dr. B.S.Bhati
ii) Problem identified from Matrix	Stem Borer in Mango	2	KVK, Banswara	Dr. B.S.Bhati
iii) Field level observations	Low Yield and Dying of Plants	15	KVK, Banswara	Dr. B.S.Bhati
iv) Farmer group discussions	Strategies for Quality Mango Production	10	KVK, Banswara	Dr. B.S.Bhati

v) Others if any				
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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) -
- ii. No. of farm families selected per village : 50
- iii. No. of survey/PRA conducted : 4
- iv. No. of technologies taken to the adopted villages-12
- v. Name of the technologies found suitable by the farmers of the adopted villages:
 - Improved Seed of Cereals, Pulses and Oilseeds ,
 - Promotion of Hybrid Vegetable cultivation
 - Rejuvenation of old and senile Orchards
 - Integrated nutrient management in Field Crops
 - Integrated Pest management in Field Crops
 - Integrated Weed management in Field Crops
 - Canopy Management in Fruits crops
 - Raised Bed Technology for Vegetable
 - Mulching in Vegetables
 - Breed Improvement in Goat and Poultry
 - Promotion of Natural Farming
 - Importance and Use of Millets in Diets
- 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 : 2007

14.2 List of equipments purchase with amount

Sl. No.	Name of the equipment	Quantity	Cost (Rs)
1	pH Meter	1	7500
2	EC Meter	1	7500
3	Flame Photometer	1	45000
4	Spectro Photometer	1	50000
5	Mrada Parikshak	1	75000

14.3. Targets of samples for analysis:

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

15 LINKAGES

15.1 Functional linkage with different organizations

Sl.No.	Name of organization	Nature of Linkage
1.	Department of Agriculture	Planning annual training schedule, demonstrations and extension activities
2.	Department of Horticulture	Planning annual training schedule, demonstrations and extension activities
3.	Department of Animal Husbandry	Training programme and animal treatment camp
4.	ICDS	Training and other programme for women and child
5.	Department of Watershed and Soil Conservation	Collaborative training programme, field visit, guest speakers
6.	Department of Forest	Environmental programme and supply of plants
7.	District Rural Development Agency	Funds for development work

8.	Lead Bank	Loan to farmer's, guest lecture on finance management
9.	NABARD	Loan to farmer's, guest lecture on finance facilities
10.	IFFCO and KRIBHCO	Collaborative training programme and inter change of subject matter specialists
11	Rajasthan State Seed Corporation	Supply of seed and seed production programme
12	Rural Institution- Gram Panchayats, Cooperatives, Schools	Training programme and demonstrations
13	Department of Fisheries	Training programme and demonstrations
14	Vaghdhara	Training programme and demonstrations
15	Reliance Foundation	Training programme and demonstrations
16	RAJIVIKA	Training programmes

15.2 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

S. No.	Programme	Nature of linkage
1	Training of progressive farmers	Resource person
2	Farm school	Resource person
3	Innovation activity etc	Technology demonstration

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

S. No.	Programme	Nature of linkage
1		

15.4 Nature of linkage with National Fisheries Development Board

S. No.	Programme	Nature of linkage
1		

16 Utilization of hostel facilities

S. No.	Programme	No. of days
1	On campus Trainings of KVK, Sponsored Trainings of ATMA / NGOs and exposure visits etc	110-120 days
	Total	110-120 days

17 Convergence with departments :

Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
ATMA	State	--	Training	Banswara district	-
Department of Agriculture extension/ Animal Husbandry/Horticulture	State	--	Demonstration, trainings and high value input distribution	Banswara district	-
ST-SP Scheme DoR, MPUAT, Udaipur	State	--	Demonstration, trainings and high value input distribution	Banswara district	-

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

Farmers appreciated the results of demonstrated technologies.

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

Crop diversification – emerging crop with problems arising : (i) During kharif Soybean area is increasing and there is need of short duration and high yielding varieties. (ii) During rabi maize area is increasing

- Nutritional deficiency : Zinc deficiency in rabi maize and wheat.
- Insect pest and diseases : (i) Management technologies for post flowering stalk rot in maize. (ii) Disease management in poly house (for tomato, chilli, cucumber etc). (iii) Evaluation or

assessment of resistant varieties against yellow mosaic in greengram and blackgram. (iv) Disease forewarning modules against blast and bacterial leaf blight.

- Water management : (i) Farmers followed flood system of irrigation and excess use of water.
(ii) Water logging problem from canal around in 5000 ha area.
- Physiological disorder : Mango malformation.
- Problem of Stem Borer in Mango
- Spurious material : Lack of good Government sector hybrid maize & vegetable varieties.
- Any other if any : Need of heat tolerance varieties of wheat.

In livestock -

- (i) Disease: H.S., FMD, Parasitic Infection.
- (ii) Infertility problem in large animal.
- (iii) Lack of availability of improved breeds.

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. 987899.67	Seed Production Quality Planting material Vegetable seedling Supply of Fish Seed	1699448.00	1474983.00	1212364.67
2023-24	Expected RF	1. Seed Production 2. Quality Planting material 3. Vegetable seedling 4. Supply of Fish Seed	19,30,000.00	16,00,000.00	

Annexure - I

Training Programme

i) Farmers & Farm women (On Campus)

Date	Clientele	Title of the training programme	Duration in days	Number of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
Crop Production										
25-28.06.24	PF	Integrated Pest management in Blackgram and Maize	4	-	-	-	25	5	30	30
02-05.09.24	PF	Integrated nutrient management in wheat and Rabi Maize	4	-	-	-	25	5	30	30
Horticulture										
20-23.02.24	PF	Micro irrigation and fertigation in Horticultural crops	4	-	-	-	25	5	30	30
19-22.06.24	PF	Production Technology for enhanced Productivity through improved fruit quality for export of Mango	4	-	-	-	25	5	30	30
23-26.09.24	PF	Raised bed technology for production of vegetables	4	-	-	-	25	5	30	30

15-18.10.24	PF	Protected cultivation of tomato and cucumber	4	-	-	-	25	5	30	30
Livestock prod.										
Agril. Engg.										
Home Sc.										
01-04.02.24	PF	Processing and Value addition of Millets	4	-	-	-	-	30	30	30
08-11.05.24	PF	Mango Processing	4	-	-	-	-	30	30	30
13-16.09.24	PF	Poshak Vatika and Poshan Thali	4	-	-	-	-	30	30	30
06-09.11.24	PF	Soya processing	4	-	-	-	-	30	30	30

Plan prot.
Fisheries
Soil Health

i) Farmers & Farm women (Off Campus)

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G.
				M	F	T	M	F	T	Total
Crop Production										
02.03.24	PF	Integrated pest management in summer green gram	1	-	-	-	25	15	40	40
14.05.24	PF	Importance of crop rotation	1	-	-	-	25	15	40	40
06.06. 24	PF	Good Agricultural Practices in Nutri cereals	1	-	-	-	25	15	40	40
18.07. 24		Weed management in soybean	1	-	-	-	25	15	40	40
10.09. 24	PF	Production technology of sweet corn	1	-	-	-	25	15	40	40
Horticulture										
30.01. 24	PF	Management of nematodes in protected cultivation	1	-	-	-	25	15	40	40
26.02.24	PF	Canopy management in fruit crops	1	-	-	-	25	15	40	40
04.04.24	PF	Bahar regulation in guava	1	-	-	-	25	15	40	40
07.06.24	PF	Importance of micro nutrients in fruit crops	1	-	-	-	25	15	40	40
14.06.24	PF	Ripening of mango	1	-	-	-	25	15	40	40
14.08.24	PF	Rejuvenation of old and senile orchards	1	-	-	-	25	15	40	40
23.08.24	PF	Protray nursery raising of winter vegetables	1	-	-	-	25	15	40	40
24.08.24	PF	Raised bed technology for vegetables	1	-	-	-	25	15	40	40
06.09.24	PF	Mulching in vegetables	1	-	-	-	25	15	40	40
07.11.24	PF	Cultivation of vegetables under low tunnels	1	-	-	-	25	15	40	40
Live Stock Production.										
20.04.24	PF	Management of breeding bucks	1	-	-	-	30	10	40	40
24.06.24	PF	Management of backyard poultry	1	-	-	-	30	10	40	40
10.12.24	PF	Importance of mineral mixture feeding in dairy animals.	1	-	-	-	30	10	40	40
Agril. Engg.										
Home Sc.										
11.02.24	PF	Low cost nutritious recipies	1	-	-	-	-	30	30	30
13.04.24	PF	Safe grain storage	1	-	-	-	-	30	30	30
22.06.24	PF	Importance and use of Millets in diet	1	-	-	-	-	30	30	30
11.09.24	PF	Layout of Poshak Vatika	1	-	-	-	-	30	30	30
06.10.24	PF	Value addition of Soybean	1	-	-	-	-	30	30	30
Plant Protection										
Fisheries										
Soil health										

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	
Home Science	Entrepreneurship development	Tailor Ladies	May	15 Days	0	0	0	0	25	25	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										
04-05.12.24	Agri. Supervisors/ NGO workers	Formation of FPO/FPC and Preparing its business plan	2	10	-	10	15	-	15	25
17-18.09.24	Aganwadi Workers	Poshak Vatika and Poshan Thali	2	-	30	30	-	30	30	30

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											
Multi disciplinary	ATMA	Progressive farmers & field staff	Integrated Farming System	5	50	30	80	40	30	70	150
Multi disciplinary	NGO	Progressive farmers & field staff	Integrated Farming System	5	50	30	80	40	30	70	150
			Total	10	100	60	160	80	60	140	300
b) Sponsored research programme											
			Total								
c) Any special programmes											
			Total								