ANNUAL PROGRESS REPORT (January-2023-December-2023)

APR SUMMARY

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	42	612	652	1264
Rural youths	1	32	3	35
Extension functionaries	1	16	0	16
Sponsored Training	4	229	0	229
Vocational Training	0	0	0	0
Total	**48**	**889**	**655**	**1544**

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	50	20.0	
Pulses	206	76.8	
Cereals	50	20.0	
Vegetables	20	4.0	
Other crops	0	0	
Hybrid crops	0	0	
Total	**326**	**120.8**	
Livestock & Fisheries	0	0	
Other enterprises	200	10.0	
Total	**200**	**10.0**	
Grand Total	526	130.8	

3. Technology Assessment

Category	No. of Technology Assessed	No. of Trials	No. of Farmers
Technology Assessed			
Crops	1	5	5
Livestock	0	0	0
Various enterprises	0	0	0
Total	**1**	**5**	**5**

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	237	14267
Other extension activities	32	32
Total	**269**	**14299**

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Awar e-ness	Other enterprise	Total
	Text only	5	0	4	0	0	0	9
	Voice only	0	0	0	0	0	0	0
	Voice & Text both	0	0	0	0	0	0	0
	Total Messages	5	0	4	0	0	0	9
	Total farmers Benefitted	**3725**	**0**	**2860**	**0**	**0**	**0**	**6585**

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	148.5	Deposited in ARS, Banswara
Planting material (No.)	20578	778765
Bio-Products (kg)	4.7 q	8240
Livestock Production (No.)	0	0
Fishery production (No.)	0	0

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil	0	0
Water	0	0
Plant	0	0
Total	**0**	**0**

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	4
2	Conferences	1
3	Meetings	37
4	Trainings for KVK officials	13
5	Visits of KVK officials	2
6	Book published	2
7	Training Manual	0
8	Book chapters	0
9	Research papers	2
10	Lead papers	0
11	Seminar papers	0
12	Extension folder	3
13	Proceedings	0
14	Award & recognition	1
15	On going research projects	0

DETAIL REPORT OF APR-2023

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
Krishi Vigyan Kendra, Banswara	-	-	kvkbanswara3@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
Maharana Pratap University of Agriculture & Technology, Udaipur	0294-2417697	0294-2412515	deempuatudr@gmail.com deempuatudr@yahoo.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr.B.S. Bhati	-	9829422993	kvkbanswara3@gmail.com

1.4. Year of sanction: 1983

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

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Category (SC/ST/ OBC/ Others)	Mobile no.	Email id
1	Programme Coordinator	Vacant	-	-	-	-	-	-		
2	Subject Matter Specialist	Dr. H.L. Bugalia*	Scientist	Animal Science	L-11	87300	31.12.2011	OBC	9001590701	heeralalbugalia@gmail.com
3	Subject Matter Specialist	Dr. B.S.Bhati	Scientist	Horticulture	L-11	84800	25.06.2013	Others	9829422993	bhati.bsbikaner@gmail.com
4	Subject Matter Specialist	Vacant	Scientist	Agro	-	-	-	-		
5	Subject Matter Specialist	Vacant	Scientist	Soil Sc.	-	-	-	-		
6	Subject Matter Specialist	Vacant	Scientist	Fisheries	-	-	-	-		
7	Subject Matter Specialist	Vacant	Scientist	Home Sc.	-	-	-	-		
8	Programme Assistant	Dr. G.L. Kothari**	STA	Agriculture Extension Education	L-16	121500	20-2-1990	Others	9414786256	kvkbanswara3@gmail.com
9	Computer Programmer	Dr. Rashmi Dave	T.A.	Home Science	L-13	73400	13-8-2003	Others	9460584423	rshmi.dave@rediffmail.com
10	Farm Manager	Sh.Bharat Maida	T.A.	Horticulture	L-11	26500	05.05.2023	ST	8107916647	bharatmaida7@gmail.com
11	Farm Manager	Sh.Akshat Joshi	T.A.	Horticulture	L-11	26500	12.07.2023	Others	7976604200	
12	Accountant / Superintendent	Vacant	-							
13	Stenographer	Vacant	-	-	-	-	-	-		
14	Driver	Vacant	-							
15	Driver	Vacant	-	-	-	-	-	-		
16	Supporting staff	Sh. Jayesh	Supporting Staff	-	L-1	20500	14.10.19	ST	8209938201	Jayeshahari8@Gmail.com
17	Supporting staff	Sh.Kailash Katara	Supporting Staff	-	L-1	12400	02.03.22	ST	9511366870	Kailashkatarakatara8@Gmail.com

Note

* Deputed at CoA Bhilwara

** Salary Source at DoR, Udaipur

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	0.69
2.	Under Demonstration Units	0.037
3.	Under Crops	5.25
4.	Orchard/Agro-forestry	6.00
5.	Others (specify)	0.20

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	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	-	-	-	-
9	Administrative Building	Administrative Building	1988	441.85	Constructed by EO and handed over to KVK	-	-	Old Building
10	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

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

Sl.No.	Date
1. Scientific Advisory Committee	25.05.2023

dz-l-	uke o in	lq>ko
1-	MkW vthr dqekj dukZVd+] ekuuh; dqyifr] egkjk.kk izrki d`f”k ,oa izkS|ksfxdh fo’ofo|ky;] mn;iqj	• d`f”k fOkKku dsUnz dh igqap oSKkfud rF;ksa vk/kkjhr uokpkjksa ds ek/;e ls vf/kd ls vf/kd d`”kd leqnk; rd gksA • d`f”k foKku dsUnz IkzLrkfor dk;Zdzeksa izf’k{k.kksa esa vU; foHkkxksa ds fo’ks”kKkas dks Hkh vkeaf=r djsaA • dsUnz vius vk;ksftr dk;Zdzeksa dk izHkkoh ewY;kadu dj izkIr ifj.kkeksa dks izpkfjr djsaA • d`f”k esa fofof/kdj.k t:jh gS] ftlls fdlkuksa dh vk; c<sA • cdjs dh iztkfr;ksa TkSls fljksgh ,oa eqxhZ dh iztkfr;k tSls izrki/ku] esokMh] dMdukFk ij fdlkuks dks tkx:d djsa A
2-	MkW-vkj-,-dkSf’kd] funs’kd izlkj f’k{kk] egkjk.kk izrki d`f”k ,oa izkS|ksfxdh fo’ofo|ky;] mn;iqj	• fdlkuksa dks uohuer rduhdkas dh tkudkjh cqokbZ ls dVkbZ ,oa Hk.Mkj.k rd nh tk;sA • iqjkus cxhpkas ds ft.kkZs}kj ,oa l?ku ckxokuh ij fdlkuks dks tkx:d fd;k tk;s • m|kfudh esa uokpkj TkSls ckzsdkWyh] jaxhu f’keyk fepZ] [khjk] VekVj vkfn dh lajf{kr [ksrh ij izf’k{k.k vk;ksftr fd;s tk;sA • ve:n dh dVkbZ NVkbZ ij fdlkuksa dks tkudkjh nh tk;sA • cwan&cawn flapkbZ ,oa iYokj ds mi;ksx dks c<+kok fn;k tk;sA • vk;kZ dh lQy dgkfu;ksa dks vf/kd ls vf/kd izpkfjr djsaA
3-	MkW egs’k dksBkjh] funs’kd vk;kstuk ,oa ifjos{k.k] e-iz-d`-izkS-] fo’ofo|ky;] mn;iqj	• m|kfudh Qlyksa dh dVkbZ mijkUr izca/ku ,oa ewY; lao/kZu rdfudh fl[kk;sa] ftlls [ksrh vf/kd ykHkdkjh gks ldsaA • Tky laj{k.k ,oa leqfpr ty mi;ksx ij izf’k{k.k vk;ksftr djsaA
4-	MkW-vfer f+=osnh] {ks=h; funs’kd vuqla/kku] mn;iqj	• [k.M ,oa vlarqfyr ekulwu dks /;ku esa j[krs gq;s Qly laj{k.k ds mik;kas dks d`”kdksa rd le; ls igqpk;saA • izkd`frd [ksrh ds tkx:drk dk;Zdze vk;ksftr djsaA
5-	MkW- ch-,y-tkaxhM Ikz/kku oSKkfud] Hkk-d`-vuq-iz&d`f”k rduhdh vuqiz;ksx vuqla/kku laLFkku]tks/kiqj	• fdlku lkjFkh ,i esa d`”kdksa dh la[;k c<+k;s A • fdlkuksa dks vk; o`f} gsrq cdjhikyu ,oa eqxhZikyu ds fy;s izksRlkfgr djsaA • dsUnz dh lQyrk dh dgkfu;ksa dks izpkjhr djsaA • vkfnoklh ifj;kstukvksa esa izkIr en dk fdlku ds lalk/ku c<+kus esa vf/kd ls vf/kd mi;ksx djsaA

6-	MkW eukst egyk] Nk= dY;k.k] vf/kdkjh] egkjk.kk izrki d`f”k ,oa izkS|ksfxdh fo’ofo|ky;] mn;iqj	• tSohd fdVuk’kdksa dks vf/kd izpkjhr djsaA
7-	MkW yksds’k xqIrk] vf/k”Bkrk] Ms;jh ,oa [kk| izkS|ksfxdh egkfo|ky;] mn;iqj	• dsUnz ,oa jkT; ljdkj dh d`”kd dY;k.k ;kstukvksa ds ckjs esa fdlkuksa dks crk;sA • fo’ofo|ky; esa miyC/k mUUkr fdLe ds eqxhZ ds pqtks dks fdlkuksa miyC/k djk;sA
8-	MkW-fuR;kUn ikBd] la;qDr funs’kd] i’kqikyu ckalokM+k	• d`f”k ,oa i’kqikyu ds lefUor izf’k{k.k vk;ksftr djas A • xksn fy;s xkaoksa esa i’kq fpfdRlk f’kfojksa dk vk;kstu djsaA
9-	MkW- nyhi flag] la;qDr funs’kd d`f”k foLrkj] cklaokMk	• [kqnjk moZjd fodzsrkvksa dk izf’k{k.k vk;ksftr fd;k tk;sA • mUUkr fdLe ds ikS/ks fdlkuksa dks miyC/k djok;s tk;sA
10-	MkW fodkl pspkuh] mi funs’kd m|ku] cklaokMk	• vke esa ekFkkca/kh ¼ekyQksjes’ku½]ruk Nsnd ds dkj.k ,oa fuokj.k ij d`”kdksa dks izf’k{k.k iznku djsaA • lajf{kr [ksrh ij izf’k{k.k vk;ksftr djsaA
11-	Jh foJke eh.kk] Mh-Mh-,e-ukckMZ	• vke ,oa lks;kchu ds ewY; laoZ/ku gsrq fdlkuks dks izksRlkfgr djsaA
12-	Jh uhjt ikVhnkj] d`f”k vf/kdkjh] vkRek] cklaokMk	• vkRek izf’k{k.kksa dh la[;k c<kbZ tk;sA • izf’k{k.kkas esa iqoZ iqjLd`r fdlkuksa ds vuqHkoks dks lk>k fd;k tk;s
13-	Jh ih-,y-iVsy]okX/kkjk laLFkku] ckalokM+k	• eksVs vuktks dh [ksrh gsrq fdlkuksa dks tkx:d djsaA
14-	Jh fnid JhokLro] lrxq: QkmUMs’ku	• Qqyks dh [ksrh ij izf’k{k.k vk;ksftr djsaA • izf’k{k.kkfFkZ;ksa dks mRiknu rdfudh ds lkFk&lkFk ewY; lao/kZu rdfudh Hkh fl[kk;s] ftlls [ksrh vf/kd ykHkkdkjh gks ldsaA

2. DETAILS OF DISTRICT (2023)

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

S. No	Farming system/enterprise
1	Crop based : Maize/Cotton/Soybean/Paddy-Wheat/Rabi Maize/Gram/Summer greengram
2	Horticulture based : Chilli/Tomato/Brinjal/Okra/ Onion/Cucurbits
3	Live stock based : Cow/Buffalo/Goat/Poultry

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

S. No	Agro-climatic Zone	Characteristics
1	Southern Humid Plain Zone (IV B)	High rainfall and relative humidity

2.3 Soil types

S. No	Soil type	Characteristics	Area in ha (Per cent area)
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	Shallow, moderately deep, and very deep well drained, moderately permeable soils	21.39
7	Shallow red gravelly loam	Lights soils	13.22

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

S. No	Crop	Area (ha)	Production (Qtl)	Productivity (Qtl /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.

2.5. Weather data

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					
Total	**985.6**				

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

Category	Population	Production	Productivity
Cattle			
Crossbred	598453	450 lit/lactation	1.5 lit / day
Indigenous	9906	1350 lit/lactation	4.5 lit / day
Buffalo	282438	1500 lit/lactation	2.5 lit / day
Sheep			
Crossbred	7207	-	0.25 lit/day
Indigenous	504758	-	-
Goats	-	-	-
Pigs	-	-	-
Crossbred	125	-	-
Indigenous	-	-	-
Rabbits	-	-	-
Poultry			
Hens	-	-	-

Desi	268707	30-40 eggs/year	-
Improved	-	-	-
Ducks	-	-	-
Turkey and others	-	-	-

Category	Area	Production	Productivity
Fish	-	-	-
Marine	-	-	-
Inland	22200 ha	220 mt	100 kg/ha/year
Prawn	20 ha	1.5 mt	75 kg/ha/year
Scampi	-	-	-
Shrimp	-	-	-

2.7 Details of Operational area / Villages (2023)

Sl.N	Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Bagidora	Bagidora	Pateliya ,Jalda Juni patan, Vadlipada,	Maize Wheat Soybean Vegetables Pulses , Goatry , Poultry	• Low yield of major cereals and pulses. • Low seed replacement rate of pulses. • Non descrpt breed of Poultry and goat. • Malnutrition in farm families.	• Enhancing productivity of maize, paddy, soybean and cotton during *kharif* , wheat and gram during *rabi* and greengram during *zaid* season. • Diversifications of existing cropping systems by promoting cultivation of vegetables and fruit plants such as mango (Mallika, Kesar, Dashehari), Aonla (NA-7, Chakaiya) and Guava (L-49) and conservation of genetic resources of mango. • Improving the indigenous breeds of goat by breeding and management. • Imparting vocational training to tribal youth for self-employment generation on fruit plant nursery raising, livestock production, agro processing of soybean & mango
2	Arthuna	Arthuna	Gamdi Narayan	Maize Wheat Soybean Vegetables Pulses , Goatry , Poultry	• Low yield of major cereals and pulses. • Low seed replacement rate of pulses. • Non descrpt breed of Poultry and goat. • Malnutrition in farm families.	• Enhancing productivity of maize, paddy, soybean and cotton during *kharif* , wheat and gram during *rabi* and greengram during *zaid* season. • Diversifications of existing cropping systems by promoting cultivation of vegetables and fruit plants such as mango (Mallika, Kesar, Dashehari), Aonla (NA-7, Chakaiya) and Guava (L-49) and conservation of genetic resources of mango. • Improving the indigenous breeds of goat by breeding and

						management. • Imparting vocational training to tribal youth for self-employment generation on fruit plant nursery raising, livestock production, agro processing of soybean & mango
3	Ghatol	Ghatol	Amarthoon , Bhompada, Chadla, Kanpura, Ratnagiri	Maize Wheat Soybean Vegetables Pulses	• Low yield of major cereals and pulses. • Low seed replacement rate of pulses. • Non descript breed of goat. • Malnutrition in farm families.	• Enhancing productivity of maize, paddy, soybean and cotton during *kharif* , wheat and gram during *rabi* and greengram during *zaid* season. • Increasing the seed replacement rate through promotion of seed production techniques of self pollinated crops • Diversifications of existing cropping systems by promoting cultivation of vegetables and fruit plants such as mango (Mallika, Kesar, Dashehari), Aonla (NA-7, Chakaiya) and Guava (L-49) and conservation of genetic resources of mango • Improving the indigenous breeds of goat by breeding and management • Imparting vocational training to tribal youth for self-employment generation on fruit plant nursery raising, livestock production, agro processing of soybean & mango
4	Anandpuri	Anandpuri	Chhayna, Mundari, Jher	Maize Wheat Soybean Vegetables Pulses	• Low yield of major cereals and pulses. • Low seed replacement rate of pulses. • Non descript breed of goat. • Malnutrition in farm families.	• Enhancing productivity of maize, paddy, soybean and cotton during *kharif* , wheat and gram during *rabi* and greengram during *zaid* season. • Increasing the seed replacement rate through promotiong seed production techniques of self pollinated crops • Diversifications of existing cropping systems by promoting cultivation of vegetables and fruit plants such as mango (Malika, Kesar, Dasheri), Aonla (NA 7, Chakya) and Guava (L 49) and conservation of genetic resources of mango • Improving the indigenous breeds of goat by breeding

						and management • Imparting vocational training to tribal youth for self-employment generation on fruit plant nursery raising, livestock production, agro processing of soybean & mango
5	Banswara	Banswara	Samapada, Vageri Charpota, Mendiya Katara,Haatkheda,Saliya dungri	Maize Wheat Soybean Vegetables Pulses	• Low yield of major cereals and pulses. • Low seed replacement rate of pulses. • Non descript breed of goat. • Malnutrition in farm families.	• Enhancing productivity of maize, paddy, soybean and cotton during *kharif* , wheat and gram during *rabi* and greengram during *zaid* season. • Increasing the seed replacement rate through promotiong seed production techniques of self pollinated crops • Diversifications of existing cropping systems by promoting cultivation of vegetables and fruit plants such as mango (Malika, Kesar, Dasheri), Aonla (NA 7, Chakya) and Guava (L 49) and conservation of genetic resources of mango • Improving the indigenous breeds of goat by breeding and management • Imparting vocational training to tribal youth for self-employment generation on fruit plant nursery raising, livestock production, agro processing of soybean & mango

2.8 Priority/thrust areas

Crop/Enterprise	**Thrust area**
Maize, Paddy, Soybean, Cotton	Enhancing productivity of maize, paddy, soybean and cotton during *kharif*, wheat and gram during *rabi* and greengram during *zaid* season.
Seed Replacement	Increasing the seed replacement rate through promoting seed production techniques of self pollinated crops.
Fruit & Vegetables	Diversifications of existing cropping systems by promoting cultivation of vegetables and fruit plants such as mango (Mallika, Kesar, Dashehari), Aonla (NA-7, Chakaiya) and Guava (L-49) and conservation of genetic resources of mango.
Goat (AH)	Improving the indigenous breeds of goat by breeding and management, vocational training on poultry and goat
Drudgery reduction & woman Empowerment	Empowerment of women through drudgery reduction in agriculture and animals husbandry, improvement in the nutrition, health, hygiene and by using improve agricultural implements
Fisheries	Exploring possibilities of aqua culture in tribal belt of Banswara

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities by KVK during 2023

OFT (Technology Assessment)				FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)			
1				2			
Number of OFTs		Total no. of Trials		Area in ha		Number of Farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
2	1	10	5	72	120.8	220	326

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
3					4			
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Farmers	34	42	1210	1264	253	269	11677	14299
Rural youth	0	1	0	35	-	-	-	-
Extn. Functionaries	2	1	50	16	-	-	-	-

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
120	148.5	Deposited in ARS, Banswara	60500	20578	803

I.A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops by KVKs

Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of farmers
Integrated Nutrient Management	-	-	-	-
	-	-	-	-
Varietal Evaluation	Onion	*Varietal assessment of Rabi Onion*	5	5
	-	-	-	-
Integrated Pest Management	-	-	-	-
	-	-	-	-
Integrated Crop Management	-	-	-	-
	-	-	-	-
Integrated Disease Management	-	-	-	-
	-	-	-	-
Small Scale Income Generation Enterprises	-	-	-	-
	-	-	-	-
Weed Management	-	-	-	-
	-	-	-	-
Resource Conservation Technology	-	-	-	-
	-	-	-	-

Farm Machineries	-	-	-	-
	-	-	-	-
Integrated Farming System	-	-	-	-
	-	-	-	-
Seed / Plant production	-	-	-	-
	-	-	-	-
Post Harvest Technology / Value addition	-	-	-	-
	-	-	-	-
Drudgery Reduction	-	-	-	-
	-	-	-	-
Storage Technique	-	-	-	-
	-	-	-	-
Others (Pl. specify)	-	-	-	-
	-	-	-	-
Total			**5**	**5**

Summary of technologies assessed under livestock by KVKs

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

Summary of technologies assessed under various enterprises by KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers
	-	-	-	-
	-	-	-	-
	-	-	-	-

I.B. TECHNOLOGY ASSESSMENT IN DETAIL

INTEGRATED CROP MANAGEMENT

Problem definition: *Low yield of Onion*

Technology Assessed : *Varietal assessment of Rabi Onion*

KVK, Banswara in Rajasthan conducted on-farm trial to assess different varieties of *rabi* onion. Three improved varieties of *rabi* Onion were compared with local Variety. The Treatments are symbolized as T_1 - Farmers Practice (Local Seed), T_2 - Recommended Variety (AFLR), T_3 - NHRDF Red-3 and T_4 - NHRDF Red-4. The results revealed that under T_3 (NHRDF Red -3) yield was 336.8 q /ha which was 26.52 per cent higher than T_1 (Farmers Practice). Similarly , net return (Rs 147260) and B:C ratio (2.66) were recorded in T_3 as against (Rs 106040 and B:C ratio 2.32) respectively in Farmers practice.

Table **Varietal assessment of Rabi Onion**

Technology Option	***No.of trials***	***Yield (q/ha)***	***Net Returns (Rs./ha)***
T_1 **:** Farmers Practice (Local Seed)	05	266.2	106040
T_2 **:** Recommended Variety (AFLR)		287.4	114880
T_3 **:** NHRDF Red-3		336.8	147260
T_4 **:** NHRDF Red-4		332.7	144390

II. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2023 and recommended for large scale adoption in the district

S. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
1	Blackgram	ICM	Improved variety seeds ,seed treatment, INM and IPM	Establishment of seed bank	20	3560	875
2	Gram	ICM	Improved variety seeds ,seed treatment, INM and IPM	Establishment of seed bank	21	2000	726
3	Wheat	ICM	Improved variety seeds ,seed treatment, INM and IPM	Establishment of seed bank	12	1480	620
4	Soybean	ICM	Improved variety seeds ,seed treatment, INM and IPM	Establishment of seed bank	18	1480	560
5	Greengram	ICM	Improved variety seeds ,seed treatment, INM and IPM	Establishment of seed bank	8	360	190

b. Details of FLDs implemented during 2023-24

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Gram (NFSM)	ICM	HYV seeds, seed treatment, weed control	*Rabi* 2022-23	30	30	75	-	75	Nil
2	Rabi Maize (TSP- IIMR)	ICM	HYV seeds, seed treatment, weed control	*Rabi* 2022-23	20	20	50	-	50	Nil
3	Green gram (NFSM)	ICM	HYV seeds, seed treatment, weed control	*Summer* 2023	30	30	75	-	75	NIL
4	Soybean (NFSM)	ICM	HYV seeds, seed treatment, weed control	*Kharif* 2023	20	20	50	-	50	Nil
5	Blackgram (NFSM)	ICM	HYV seeds, seed treatment, weed control	*Kharif* 2023	30	16.8	56	-	56	Nil
6	Gram (STC)	ICM	HYV seeds, seed treatment, weed control	*Rabi* 2023-24	10	10	50	-	50	Nil
7	Rabi Maize (TSP- IIMR)	ICM	HYV seeds, seed treatment, weed control	*Rabi* 2023-24	08	08	40	-	40	Nil
Total					**148**	**134.8**	**396**	**-**	**396**	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Gram (NFSM)	Rabi 2022-23	Irrigated	Light black	L	M	M	Maize / black gram	12.10.22 to 06.11.22	02.03.23 to 16.03.23	26.9	2
Rabi Maize (TSP-IIMR)	Rabi 2022-23	Irrigated	Light black	L	M	M	Soybean/blackgram	08.11.22 to 18.11.22	29.04.23 to 21.05.23	47.5	6
Green gram (NFSM)	Summer 2023	Irrigated	Light black	L	M	M	Soybean/blackgram	12.03.23 to 21.03.23	25.05.23 to 08.06.23	30.4	6
Soybean (NFSM)	Kharif 2023	Rainfed	Light black	L	M	M	Wheat / Summer green gram	01.07.23 to 13.07.23	14.10.23 to 22.10.23	853.3	33
Blackgram (NFSM)	Kharif 2023	Rainfed	Light black	L	M	M	Wheat / Summer green gram	05.07.23 to 10.07.23	10.10.23 to 16.10.23	853.3	33
Gram (STC)	Rabi 2023-24	Irrigated	Light black	L	M	M	Maize/Soybean	01.11.23 to 14.11.23	-	-	-
Rabi Maize (TSP-IIMR)	Rabi 2023-24	Irrigated	Light black	L	M	M	Soybean/blackgram	02.11.23 to 09.11.23	-	-	-

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	The Soybean (JS 20-29) is high yielding. It matures in 93-96 days.It is bold seeded variety. Weight of 100 seed is 13.8 g
2	The blackgram variety Mukundra Urd-2 matured in 75-80 days period .It is resistant to MYMV
3	Gram variety GNG-2144 performs well if timely sown under irrigated condition. It is medium bold seeded, matures in 130-135 days. Weight of 100 seed is 15.9 g
4	Greengram (GAM-5) is improved variety, resistant to YMV .

Farmers' reactions on specific technologies

S. No	Feed Back
1	The Soybean (JS 20-29) is high yielding and resistant against mosaic.
2	Demonstrated variety of blackgram (Mukundra Urd-2) is high yielding .
3	Gram GNG-2144 matures in 130-135 days.

Details of FLDs (Vegetables) implemented during 2022-23

S. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Tomato	Nursery raising & export potential	Hybrid seed	Rabi 2022-23	2.0	2.0	10	-	10	Nil
2	Onion	Export potential	Improved seed	Rabi 2022-23	2.0	2.0	10	-	10	Nil
3	Tomato (TSP)	Nursery raising & export potential	Hybrid seed	Rabi 2023-24	2.0	2.0	10	-	10	Nil
4	Onion (TSP)	Export potential	Improved seed	Rabi 2023-24	2.0	2.0	10	-	10	Nil
	Total				**8.0**	**8.0**	**40**	**-**	**40**	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Tomato	*Rabi* 2022-23	Irrigated	Light black	L	M	M	Maize / Soybean	28.11.22 to 09.12.22	16.01.23 to 03.05.23		
Onion	*Rabi* 2022-23	Irrigated	Light black	L	M	M	Maize / Soybean	28.11.22 to 04.12.22	01.04.23 to 09.05.23		
Tomato (TSP)	*Rabi* 2023-24	Irrigated	Light black	L	M	M	Maize / Soybean	03.12.23 to 10.12.23	-		
Onion(TSP)	*Rabi* 2023-24	Irrigated	Light black	L	M	M	Maize / Soybean	25.11.23 to 07.12.23	-		

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Good variety
2	Application of potassium fertilizer should be promoted in vegetables

Farmers' reactions on specific technologies

S. No	Feed Back
1	Seed provided in all the demonstrations of vegetables is high yielding and gave quality fruits over existing local materials

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	1	08.02.2023	39	
		1	23.02.2023	43	
		1	24.02.2023	56	
		1	25.02.2023	42	
		1	04.04.2023	40	
		1	23.05.2023	42	
		1	24.05.2023	45	
		1	29.09.2023	39	
		1	30.09.2023	33	
		1	10.10.2023	43	
		1	11.10.2023	47	
2	Farmers Training	1	14.01.2023	23	
		1	17.01.2023	24	
		1	25.03.2023	52	
		1	24.04.2023	25	
		1	26.04.2023	26	
		1	04.07.2023	40	
		1	21.07.2023	28	
		1	02.08.2023	22	
		1	14.08.2023	25	
		1	11.09.2023	28	
		1	21.09.2023	22	
		1	30.10.2023	20	
		1	29.11.2023	40	
3	Media coverage	5	-	-	
4	Training for extension functionaries	1	18.05.2023	16	

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops (including NFSM)

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Soybean(NFSM)	ICM	HYV Seeds, Seed treatment, line sowing weed control & pest mgt practices	JS 20-29	50	20	19.50	13.30	18.08	14.80	22.16	35400	81360	45960	2.30	31600	66600	35000	2.11

Frontline demonstration on pulse crops (including NFSM)

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Greengram (NFSM Pulses) (*Summer* 2023)	ICM	HYV Seeds, Seed treatment, line sowing weed control & pest mgt practices	GAM-5	75	30	16.70	10.10	12.86	9.31	38.13	29000	92592	63592	3.19	24400	67032	42632	2.75
Blackgram (NFSM Pulses) (*Kharif* 2023)	ICM	HYV Seeds, Seed treatment, line sowing weed control & pest mgt practices	Mukundra Urd-2	56	16.8	9.20	5.50	8.10	6.30	28.57	22300	53460	31160	2.40	18700	41580	22880	2.22
Chickpea (NFSM Pulses) (*Rabi* 2022-23)	ICM	HYV Seeds, Seed treatment, line sowing weed control & pest mgt practices	GNG-2144	75	30	20.40	13.60	16.30	12.80	27.34	35200	81500	46300	2.32	30900	64000	33100	2.07

FLD on Other crops

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average												
Rabi Maize (Bio-9544) (TSP-IIMR) (Rabi 2022-23)	ICM	Hybrid Seeds, Seed treatment, line sowing weed control & pest mgt practices	50	20	94.60	61.40	73.60	58.80	25.17	-	-	53800	139840	86040	2.59	47200	111720	64520	2.37

Tomato TO-1057 (Rabi 2022-23)	Nursery raising & export potential of vegetables	Hybrid seed	10	02	805.60	526.40	694.80	527	31.84	-	-	139000	416880	277880	2.99	107000	316200	209200	2.96
Onion (ICAR) NHRDF Red -3 (Rabi 2022-23)	Export potential of vegetables	Hybrid seed	10	02	330.60	282	310.70	251.30	23.64	-	-	88500	217490	128990	2.46	80300	175910	95610	2.19

FLD on Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of Units (Animal/ Poultry/ Birds, etc)	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cattle																	
Buffalo																	
Buffalo Calf																	
Dairy																	
Poultry																	
Sheep & Goat																	
Vaccination																	

FLD on Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Common Carps																	
Composite fish culture																	
Feed Management																	

FLD on Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.) or Rs./unit				Economics of check (Rs.) or Rs./unit			
				Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Oyster Mushroom																
Button Mushroom																
Apiculture																
Maize Sheller																
Value Addition																
Vermi Compost																

FLD on Women Empowerment

Category	Name of technology	No. of demonstrations	Name of observations	Demonstration	Check
Drudgery reduction					

FLD on Farm Implements and Machinery

Name of the implement	Crop	Technology demonstrated	No. of Farmer	Area (ha)	Major parameters	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit etc.)			
						Demo	Check		Land preparation	Sowing	Weeding	Total	Land preparation	Labour	Irrigation	Total

FLD on Other Enterprise: Kitchen Gardening

Category and Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of Units	Yield (Kg)		% change in yield	Other parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Seasonal Vegetables seed and Fruit Plants	Establishment of Nutri Garden	Nutri Garden	200	200	-	-	-	-	-	-	-	-	-	-	-	-	-

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

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

III. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0
Micro Irrigation/irrigation	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	4	0	0	0	147	5	152	147	5	152
Soil & water conservatioin	0	0	0	0	0	0	0	0	0	0
Integrated nutrient management	1	0	0	0	17	03	20	17	03	20
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**5**	**0**	**0**	**0**	**164**	**8**	**172**	**164**	**8**	**172**
II Horticulture										
a) Vegetable Crops										
Production of low value and high volume crops	1	0	0	0	23	02	25	23	02	25
Off-season vegetables	0	0	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0	0	0
Exotic vegetables	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0
Protective cultivation	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (a)	**1**	**0**	**0**	**0**	**23**	**02**	**25**	**23**	**02**	**25**
b) Fruits										
Training and Pruning	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Export potential fruits	1	0	0	0	28	02	30	28	02	30
Micro irrigation systems of orchards	1	0	0	0	23	0	23	23	0	23
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (b)	**2**	**0**	**0**	**0**	**51**	**2**	**53**	**51**	**2**	**53**
c) Ornamental Plants										
Nursery Management	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (c)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
d) Plantation crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (d)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
e) Tuber crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (e)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
f) Spices										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (f)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

g) Medicinal and Aromatic Plants										
Nursery management	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (g)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GT (a-g)	**3**	**0**	**0**	**0**	**74**	**4**	**78**	**74**	**4**	**78**
III Soil Health and Fertility Management										
Soil fertility management	0	0	0	0	0	0	0	0	0	0
Integrated water management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0
Balance use of fertilizers	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IV Livestock Production and Management										
Dairy Management	0	0	0	0	0	0	0	0	0	0
Poultry Management	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0
Feed & fodder technology	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**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	13	57	70	13	57	70
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	1	0	0	0	0	36	36	0	36	36
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0
Processing and cooking	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0
Value addition	4	0	0	0	2	97	99	2	97	99
Women empowerment	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**6**	**0**	**0**	**0**	**15**	**190**	**205**	**15**	**190**	**205**
VI Agril. Engineering										
Farm Machinary and its maintenance	0	0	0	0	0	0	0	0	0	0
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VII Plant Protection										
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

VIII Fisheries										
Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IX Production of Inputs at site										
Seed Production	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X Capacity Building and Group Dynamics										
Leadership development	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
XI Agro-forestry										
Production technologies	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GRAND TOTAL	**14**	**0**	**0**	**0**	**253**	**202**	**455**	**253**	**202**	**455**

Farmers' Training including sponsored training programmes (off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	1	0	0	0	16	12	28	16	12	28
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0
Crop Diversification	5	0	0	0	94	59	153	94	59	153
Integrated Farming	0	0	0	0	0	0	0	0	0	0
Micro Irrigation/irrigation	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0	0	0	0	0	0
Soil & water conservatioin	0	0	0	0	0	0	0	0	0	0
Integrated nutrient management	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0

Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**6**	**0**	**0**	**0**	**110**	**71**	**181**	**110**	**71**	**181**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops	0	0	0	0	0	0	0	0	0	0
Off-season vegetables	0	0	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0	0	0
Exotic vegetables	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0
Protective cultivation	1	0	0	0	15	11	26	15	11	26
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (a)	**1**	**0**	**0**	**0**	**15**	**11**	**26**	**15**	**11**	**26**
b) Fruits										
Training and Pruning	3	0	0	0	55	23	78	55	23	78
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (b)	**3**	**0**	**0**	**0**	**55**	**23**	**78**	**55**	**23**	**78**
c) Ornamental Plants										
Nursery Management	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	1	0	0	0	16	07	23	16	07	23
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (c)	**1**	**0**	**0**	**0**	**16**	**07**	**23**	**16**	**07**	**23**
d) Plantation crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (d)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
e) Tuber crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (e)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
f) Spices										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (f)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
g) Medicinal and Aromatic Plants										
Nursery management	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (g)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GT (a-g)	**5**	**0**	**0**	**0**	**86**	**41**	**127**	**86**	**41**	**127**
III Soil Health and Fertility Management										
Soil fertility management	0	0	0	0	0	0	0	0	0	0
Integrated water management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0
Balance use of fertilizers	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IV Livestock Production and Management										
Dairy Management	0	0	0	0	0	0	0	0	0	0
Poultry Management	0	0	0	0	0	0	0	0	0	0

Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0
Feed & fodder technology	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**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	2	58	60	2	58	60
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0
Processing and cooking	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0
Value addition	3	0	0	0	17	115	132	17	115	132
Women empowerment	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Women and child care	4	0	0	0	3	111	114	3	111	114
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**9**	**0**	**0**	**0**	**22**	**284**	**306**	**22**	**284**	**306**
VI Agril. Engineering										
Farm Machinary and its maintenance	0	0	0	0	0	0	0	0	0	0
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VII Plant Protection										
Integrated Pest Management	8	0	0	0	141	54	195	141	54	195
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**8**	**0**	**0**	**0**	**141**	**54**	**195**	**141**	**54**	**195**
VIII Fisheries										
Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IX Production of Inputs at site										
Seed Production	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0

Vermi-compost production	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X Capacity Building and Group Dynamics										
Leadership development	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
XI Agro-forestry										
Production technologies	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GRAND TOTAL	**28**	**0**	**0**	**0**	**359**	**450**	**809**	**359**	**450**	**809**

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

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	1	0	0	0	16	12	28	16	12	28
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0
Crop Diversification	5	0	0	0	94	59	153	94	59	153
Integrated Farming	0	0	0	0	0	0	0	0	0	0
Micro Irrigation/irrigation	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	4	0	0	0	147	5	152	147	5	152
Soil & water conservatioin	0	0	0	0	0	0	0	0	0	0
Integrated nutrient management	1	0	0	0	17	3	20	17	3	20
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**11**	**0**	**0**	**0**	**274**	**79**	**353**	**274**	**79**	**353**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops	1	0	0	0	23	2	25	23	2	25
Off-season vegetables	0	0	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0	0	0
Exotic vegetables	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0
Protective cultivation	1	0	0	0	15	11	26	15	11	26
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (a)	**2**	**0**	**0**	**0**	**38**	**13**	**51**	**38**	**13**	**51**
b) Fruits										
Training and Pruning	3	0	0	0	55	23	78	55	23	78
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Export potential fruits	1	0	0	0	28	2	30	28	2	30
Micro irrigation systems of orchards	1	0	0	0	23	0	23	23	0	23

Plant propagation techniques	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (b)	**5**	**0**	**0**	**0**	**106**	**25**	**131**	**106**	**25**	**131**
c) Ornamental Plants										
Nursery Management	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	1	0	0	0	16	07	23	16	07	23
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (c)	**1**	**0**	**0**	**0**	**16**	**07**	**23**	**16**	**07**	**23**
d) Plantation crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (d)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
e) Tuber crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (e)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
f) Spices										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (f)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
g) Medicinal and Aromatic Plants										
Nursery management	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (g)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GT (a-g)	**8**	**0**	**0**	**0**	**160**	**45**	**205**	**160**	**45**	**205**
III Soil Health and Fertility Management										
Soil fertility management	0	0	0	0	0	0	0	0	0	0
Integrated water management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0
Balance use of fertilizers	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IV Livestock Production and Management										
Dairy Management	0	0	0	0	0	0	0	0	0	0
Poultry Management	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0
Feed & fodder technology	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	3	0	0	0	15	115	130	15	115	130
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	1	0	0	0	0	36	36	0	36	36
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0
Processing and cooking	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0
Value addition	7	0	0	0	19	212	231	19	212	231
Women empowerment	0	0	0	0	0	0	0	0	0	0

Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Women and child care	4	0	0	0	3	111	114	3	111	114
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**15**	**0**	**0**	**0**	**37**	**474**	**511**	**37**	**474**	**511**
VI Agril. Engineering										
Farm Machinary and its maintenance	0	0	0	0	0	0	0	0	0	0
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VII Plant Protection										
Integrated Pest Management	8	0	0	0	141	54	195	141	54	195
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**8**	**0**	**0**	**0**	**141**	**54**	**195**	**141**	**54**	**195**
VIII Fisheries										
Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IX Production of Inputs at site										
Seed Production	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X Capacity Building and Group Dynamics										
Leadership development	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
XI Agro-forestry										

Production technologies	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GRAND TOTAL	**42**	**0**	**0**	**0**	**612**	**652**	**1264**	**612**	**652**	**1264**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Integrated farming										
Seed production	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
15 Days Certificate course for Fertilizer Dealers	1	14	2	16	18	01	19	32	3	35
TOTAL	**1**	**14**	**2**	**16**	**18**	**01**	**19**	**32**	**3**	**35**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0

Value addition	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
15 Days Certificate course for Fertilizer Dealers	1	14	2	16	18	01	19	32	3	35
TOTAL	**1**	**14**	**2**	**16**	**18**	**01**	**19**	**32**	**3**	**35**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	1	0	0	0	16	0	16	16	0	16
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**1**	**0**	**0**	**0**	**16**	**0**	**16**	**16**	**0**	**16**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0

Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	1	0	0	0	16	0	16	16	0	16
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0
Information networking a mong farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**1**	**0**	**0**	**0**	**16**	**0**	**16**	**16**	**0**	**16**

Table. Sponsored training programmes

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management	0	0	0	0	0	0	0	0	0	0
Increasing production and productivity of crops	1	0	0	0	24	0	24	24	0	24
Commercial production of vegetables	0	0	0	0	0	0	0	0	0	0
Production and value addition										
Fruit Plants	1	0	0	0	50	0	50	50	0	50
Ornamental plants	0	0	0	0	0	0	0	0	0	0
Spices crops	0	0	0	0	0	0	0	0	0	0
Soil health and fertility management	0	0	0	0	0	0	0	0	0	0
Production of Inputs at site	0	0	0	0	0	0	0	0	0	0
Methods of protective cultivation	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	**2**	**0**	**0**	**0**	**74**	**0**	**74**	**74**	**0**	**74**
Post harvest technology and value addition										
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Farm machinery										
Farm machinery, tools and implements	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Energy Efficiency and Energy Conservation	1	0	0	0	103	0	103	103	0	103
Total	**1**	**0**	**0**	**0**	**103**	**0**	**103**	**103**	**0**	**103**
Livestock and fisheries										
Livestock production and management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0
Animal Disease Management	0	0	0	0	0	0	0	0	0	0
Fisheries Nutrition	0	0	0	0	0	0	0	0	0	0

Fisheries Management	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Home Science										
Household nutritional security	0	0	0	0	0	0	0	0	0	0
Economic empowerment of women	0	0	0	0	0	0	0	0	0	0
Drudgery reduction of women	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Agricultural Extension										
Capacity Building and Group Dynamics	0	0	0	0	0	0	0	0	0	0
Warehousing Development and regulation to encourage the Stake holders	1	0	0	0	52	0	52	52	0	52
Total	**1**	**0**	**0**	**0**	**52**	**0**	**52**	**52**	**0**	**52**
GRAND TOTAL	**4**	**0**	**0**	**0**	**229**	**0**	**229**	**229**	**0**	**229**

Name of sponsoring agencies involved - Rajasthan renewable energy corporation Ltd, Jaipur**,** CCS - NIAM, Jaipur, Deptt of Nematology MPUAT, Udaipur, AICRP Fruits , DoR, MPUAT, Udaipur.

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Commercial floriculture	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Commercial vegetable production	0	0	0	0	0	0	0	0	0	0
Integrated crop management	0	0	0	0	0	0	0	0	0	0
Organic farming	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Post harvest technology and value addition										
Value addition	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Livestock and fisheries										
Dairy farming	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0
Poultry farming	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Income generation activities										
Vermicomposting	0	0	0	0	0	0	0	0	0	0
Production of bio-agents, bio-pesticides,	0	0	0	0	0	0	0	0	0	0
bio-fertilizers etc.	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery	0	0	0	0	0	0	0	0	0	0
and implements	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Mushroom cultivation	0	0	0	0	0	0	0	0	0	0
Nursery, grafting etc.	0	0	0	0	0	0	0	0	0	0
Tailoring, stitching, embroidery, dying etc.	0	0	0	0	0	0	0	0	0	0
Agril. para-workers, para-vet training	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Agricultural Extension										
Capacity building and group dynamics	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Grand Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	108	1717	216	1933
Diagnostic visits	0	0	0	0
Field Day	11	469	34	503
Group discussions	7	570	52	622
Kisan Ghosthi	6	275	48	323
Film Show	12	310	12	322
Self -help groups	3	75	5	80
Kisan Mela	1	1800	56	1856
Exhibition	3	5526	145	5671
Scientists' visit to farmers field	40	242	40	282
Ex-trainees Sammelan	3	162	10	172
Farmers' seminar/workshop	1	50	7	57
Method Demonstrations	10	280	20	300
Awareness Camp	7	251	15	266
Parthenium Awareness Week	1	92	6	98
Vigilance Awareness Week	1	40	11	51
Celebration of important days				
Exposure visits	8	432	35	467
Kisan Diwas	1	85	7	92
World Soil Day	1	172	5	177
ICAR Foundation Day	1	193	28	221
Millet Recipe Contest	2	147	11	152
Mission Life Activity	7	316	13	329
PM Kisan Samman Nidhi Programme	2	168	16	184
Conference	1	105	4	109
Total	**237**	**13477**	**796**	**14267**

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	0
Extension Literature	5
News paper coverage	20
Popular articles	3
Radio Talks	2
TV Talks	0
Animal health amps (Number of animals treated)	0
Book	2
Total	**32**

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only	5	0	4	0	0	0	9
	Voice only	0	0	0	0	0	0	0
	Voice & Text both	0	0	0	0	0	0	0
	Total Messages	5	0	4	0	0	0	9
	Total farmers Benefitted	**3725**	**0**	**2860**	**0**	**0**	**0**	**6585**

V. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Number of KVKs organised Technology Week	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
01	Gosthies	4	192	
	Lectures organised	3	72	
	Exhibition	0	0	
	Film show	6	207	
	Fair	0	0	
	Farm Visit	0	0	
	Diagnostic Practicals	0	0	
	Distribution of Literature (No.)	0	0	
	Distribution of Seed (q)	0	0	
	Distribution of Planting materials (No.)	0	0	
	Bio Product distribution (Kg)	0	0	
	Bio Fertilizers (q)	0	0	
	Distribution of fingerlings	0	0	
	Distribution of Livestock specimen (No.)	0	0	
	Total number of farmers visited the technology week	0	0	

VI. PRODUCTION OF SEED/PLANTING MATERIAL AND BIO-PRODUCTS

Production of seeds by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals	Wheat	HI-1605	FS /CS	83		Deposited in ARS, Banswara
Oilseeds	Soybean	JS-20-98	BS/BS	54		Deposited in ARS, Banswara
Pulses	Gram	GNG- 2144	BS/FS	11.5		Deposited in ARS, Banswara
Total				**148.5**		

Commercial Production

Crop	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers
Fruits	Mango	Mallika, Langra, Dashehari etc.		40.00	2,01000	430
	Guava	L-49		30.00	70000	372
Total				**70.00**	**2,71,000**	**802**

Production of planting materials by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Number	Value (Rs.)	Number of farmers
Vegetable seedlings	Tomato	TO-1057	-	9000	13500	24
Fruits (Saplings)	Mango(Grafted)	Mallika, Langra, Dashehari etc.	-	8399	629925	440
	Guava (Air layering)	L- 49	-	901	48920	210
	Lemon(Air layering)	Kagzi	-	668	37110	72
	Aonla (Budded)	NA-7	-	101	4040	15
	Papaya	Red lady-786	-	1509	45270	42
Total			-	**20578**	**778765**	**803**

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity Kg	Value (Rs.)	No. of Farmers
Bio Fertilizers	Vermicompost	430	3440	54
Bio-pesticide		0	0	0
Bio-fungicide		0	0	0
Bio Agents	Worms	40	4800	20
Others		0	0	0
Total		**470**	**8240**	**74**

Table: Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Dairy animals				
Cows	-	-	-	-
Buffaloes	-	-	-	-
Calves	-	-	-	-
Others (Pl. specify)	-	-	-	-
Broilers	-	-	-	-
Layers	-	-	-	-
Duals (broiler and layer)	-	-	-	-
Japanese Quail	-	-	-	-
Turkey	-	-	-	-
Emu	-	-	-	-
Ducks	-	-	-	-
Others (Pl. specify)	-	-	-	-
Piggery				
Piglet	-	-	-	-
Others (Pl.specify)	-	-	-	-
Fisheries				
Indian carp	-	-	-	-
Exotic carp	-	-	-	-
Others (Pl. specify)	-	-	-	-
Total	**0**	**0**	**0**	**0**

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)	No. of soil health cards distributed
Soil	0	0	0	0	0
Water	0	0	0	0	0
Plant	0	0	0	0	0
Manure	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Date of SAC Meeting	Participants
Banswara	25.05.2023	36

IX. NEWSLETTER/MAGAZINE

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

X. PUBLICATIONS

Category	Number
Research Paper	2
Technical bulletins	0
Technical reports	38
Others (pl. specify)	0

XI. DETAILS ON RAIN WATER HARVESTING STRUCTURE AND MICRO-IRRIGATION SYSTEM

Activities conducted				
No. of Training programmes	**No. of Demonstration s**	**No. of plant materials produced**	**Visit by farmers (No.)**	**Visit by officials (No.)**

XII. INTERVENTIONS ON DISASTER MANAGEMENT/UNSEASONAL RAINFALL/HAILSTORM/COLD WAVES ETC

Introduction of alternate crops/varieties

Crops/cultivars	**Area (ha)**	**Extent of damage**	**Recovery of damage through KVK initiatives if any**
Total			

Major area coverage under alternate crops/varieties

Crops	**Area (ha)**	**Number of beneficiaries**
Oilseeds		
Pulses		
Cereals		
Vegetable crops		
Tuber crops		
Total		

Farmers-scientists interaction on livestock management

Livestock components	**Number of interactions**	**No.of participants**
Total		

Animal health camps organised

Number of camps	**No.of animals**	**No.of farmers**
Total		

Seed distribution in drought hit states

Crops	**Quantity (qtl)**	**Coverage of area (ha)**	**Number of farmers**
Total			

Large scale adoption of resource conservation technologies

Crops/cultivars and gist of resource conservation technologies introduced	**Area (ha)**	**Number of farmers**
Total		

Awareness campaign

	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers
Total												

XIII. DETAILS ON HRD ACTIVITIES

A. HRD activities organized in identified areas for KVK staff by the Directorate of Extension

Name of the SAU	Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
MPUAT, Udaipur	Review meeting Of State level Workplan (2023) Workshop of KVKs	1	1	KVK, Banswara
MPUAT, Udaipur	Review meeting of Annual Zonal Review Workshop of Zone –II (KVKs of Rajasthan, Haryana and Delhi)	1	1	KVK, Banswara
Total		**2**	**2**	

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

Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
Discussion for Budget and Virtual Participation in International Millets conference to be held on 18 March 2023 at NASC Complex , Pusa , New Delhi (10.03.2023)	1	1	KVK, Banswara
To review the preparation of millet programme and Shree Mallinath Pashu Mela (17.03.2023)	1	1	KVK, Banswara
Meeting to discuss on Targets identification of technologies led approaches and Kisan Sarathi (03.05.2023)	1	1	KVK, Banswara
Online Meeting with KVKs on various issues (15.05.2023)	1	1	KVK, Banswara
Meeting of All KVKs Head to discuss the format for zonal review meeting and APR 2022 (30.05.2023)	1	1	KVK, Banswara
Annual Zonal Review Workshop of Zone-II (KVK of Rajasthan, Haryana and Delhi) (19-21.06.2023)	1	1	KVK, Banswara
New age Technologies for Precision agriculture (26.06.2023)	1	1	KVK, Banswara
Meeting on Millet Information (03.07.2023)	1	1	KVK, Banswara
Discussion on ICAR Foundation Day celebration (13.07.2023)	1	1	KVK, Banswara
Annual Review Meeting' of Scheduled Tribe Component (STC)(erstwhile TSP) & SCSP (11-12.10.2023)	1	1	KVK, Banswara
Millets of India (03.11.2023)	1	1	KVK, Banswara

PM KISAN Flagship Scheme (15.11.2023)	1	1	KVK, Banswara
Monthly Meeting (17.11.2023)	1	1	KVK, Banswara
Review meeting of VBSY (08.12.2023)	1	1	KVK, Banswara
Virtual review meeting regarding interaction of Hon'ble Prime Minister (09.12.2023)	1	1	KVK, Banswara
State level Annual Action Plan Workshop-2024 of KVKs of Rajasthan	1	1	KVK, Banswara
Total	**16**	**16**	

Participation of KVK Staff in Other programme

S. N.	Name of scientist	Subject	Date		Place
			From	To	
1	Dr.B.S. Bhati	Monthly Meeting of Zone IV b	30.01.2023	-	ARS, Banswara
2	Dr.B.S. Bhati	Winter School on "Commercialization of Arid fruit and vegetable crops through modern approaches"	01.02.2023	21.02.2023	ICAR-CIAH, Bikaner
3	Dr.B.S. Bhati	Pre ZREAC Meeting of Zone IV b	22.02.2023		ARS, Banswara
4	Dr.B.S. Bhati	Seminar on Protected Cultivation	23.02.2023		TAD, Banswara (Deputy Director, Hort., Banswara)
5	Dr.B.S. Bhati	Monthly Meeting of Zone IV b	24.02.2023	-	ARS, Banswara
6	Dr.B.S. Bhati	Monthly Meeting of Zone IV b	24.03.2023		ARS, Banswara
7	Dr. Rashmi Dave	Preparation for Programme on 30.04.2023 of Zila Vidhik Seva Pradhikaran	18.04.2023		Collectorate ,Banswara
8	Dr. B.S. Bhati	ZREAC Meeting of Zone IV b	18.04.2023	19.04.2023	ARS, Banswara
9	Dr. B.S. Bhati	Monthly Meeting of Zone IV b	26.05.2023		ARS, Banswara
10	Dr. B.S. Bhati	Meeting Regarding Mango Festival	26.05.2023		Collectorate , Banswara
11	Dr. B.S. Bhati	Meeting Regarding Mango Festival	31.05.2023		Collectorate , Banswara
12	Dr. B.S. Bhati	Food System Dialogue- Mainstreaming Minor Millets into food System	07.06.2023		DoR ,MPUAT, Udaipur
13	Dr. B.S. Bhati	Annual Zonal Review Workshop of Zone-II (KVK of Rajasthan, Haryana and Delhi)	19.06.2023	21.06.2023	Agriculture University , Jodhpur
14	Dr. B.S. Bhati	Meeting of DHDS regarding progress achievements and targets	17.07.2023	-	Collectorate, Banswara
15	Dr. B.S. Bhati	District Level Monitoring committee meeting of formation and promotion of 10,000 FPOs of Banswara District	18.07.2023	-	CEO, Banswara

16	Dr.Rashmi Dave	Three Days online Training Programme on Agri-Export	12.07.2023	14.07.2023	CAU, Bihar and Manage, Hyderabad
17	Dr. G.L. Kothari	ATMA Meeting	23.08.2023	-	Collectorate, Banswara
18	Dr. G.L. Kothari Dr. Rashmi Dave	Kisan Sarathi	22.09.2023	-	Online (Zoom Meeting)
19	Dr. G.L. Kothari	ZREAC Meeting	26.09.2023	27.09.2023	ARS, Banswara
20	Sh.Lekhu Kumar	Kisan Sarathi	13.10.2023	-	Online (Zoom Meeting)
21	Dr. G.L. Kothari	A Sensitization Meeting on work plan of "Microbial based waste Management using vermicomposting" for the year 2023-24	17.10.2023	-	Online (Zoom Meeting)
22	All Staff	Kisan Sarathi	27.10.2023	-	Online (Zoom Meeting)
23	All Staff	Kisan Sarathi	10.11.2023	-	Online (Zoom Meeting)
24	Dr. G.L. Kothari Sh. Suraj Bamaniya	PM KISAN Flagship Scheme	15.11.2023	-	Ministry of Agriculture & Farmers welfare (Online)
25	All Staff	Kisan Sarathi	24.11.2023	-	Online (Zoom Meeting)
26	All Staff	Kisan Sarathi	08.12.2023	-	Online (Zoom Meeting)
27	All Staff	Kisan Sarathi	22.12.2023	-	Online (Zoom Meeting)

XIV. CASE STUDIES

1. Title : Commercial Goat Farming

Introduction :

Mr. Naveed S/o Sh.Khalil Khan , 27 Years old youth of Village Laxmipura , District Banswara is graduate unemployed youth. He was farming on 4.0 ha land for earning his livelihood and he was also having 27 goats of local breed, but he was not satisfied in present earning. He decided to close his Goat Unit due to less income as compared to cost incurred by him. He came at KVK, Banswara for some new opportunities and contacted KVK Scientist, finally he agreed with Commercial Goat Farming. He participated in training Programme of 21 days in two phases on Commercial Goat Farming. After training he purchased 15 Sirohi goats and 3 breeding bucks for breed improvement and increased herd size**.**

KVK intervention :

KVK Imparted 21 days training on Commercial goat farming at KVK, Banswara in 2020 and provided 4 Goats and 1 Breeding Buck. Convergence was made with Department of Animal Husbandry, Banswara, Dept. of Animal Production, RCA, MPUAT, Udaipur, Livestock Research Station, Bojunda, Chittorgarh (RAJUVAS, Bikaner).

Output :

Unit size	Produce (Year 2023)	Average Rate (Rs. /Buck)	Gross Return (Rs.)	Expenses (Rs.)	Net Return (Rs.)
42+8	35 Bucks and 25 Goats	7500/ Buck and 6500/ Goat	4,35,000 (Sold 32 Bucks and 30 goats)	1,96,200	2,38,800

***** He kept 9 bucks for further breeding purpose

Outcome:

Goat farming generated employment opportunity on regular basis for rural youth. Livelihood security has been provided to family members with improving nutritional status. Now he is getting nice social status in his community. He is so much motivated towards Goat farming that he is now extending his unit for Sirohi goat breed.

Impact :

Looking to the success of his one year net return many other youth are adopting same profession at present. There are more than 8 goat farmer in Banswara and adjoining areas. Naveed himself also increased his farm size and supplies breeding buck for other farms.

Name of the KVK : KVK, Banswara

Gainfull Employment by Poultry Farming

1. **Profile:** Mr. Hitesh Rawat
   Age: 33 Years
   Address: Kushalgarh, Banswara
   Contact No.: 7878252713
   Education: 12th

2. **Situational analysis:** Mr. Hitesh Rawat is 33 years old 12th passed unemployed Trible youth who decided for farming on his 2 acre of land. But, suddenly he realised alone farming was not fulfilling his own and his family needs. He was upset with the economic situation. Therefore, he wanted to start some new enterprise but was not able to decide what to start. He came to KVK, Banswara and contacted KVK Scientists. After discussion on his available resources, finally he agreed to adopt Commercial Poultry Farming. Thereafter, he was selected for vocational training on Commercial Poultry Production under ARYA, Project at KVK, Banswara. Entire course of training included theory and practical viz. Vaccination, Weighing, Cleaning, Feeding etc.
3. **Technology, Implementation & Support:** Imparted training on Commercial Poultry Production at KVK, Banswara and Department of Animal Production, Rajasthan College of Agriculture, Udaipur, along with visit of live demonstration units in 2020. He started Commercial Poultry Farming with 1500 chicks in his self made Poultry shed. Further, he was also supported with 100 Kadaknath chicks (6 week age), Cage, feeder and water drinker with regular monitoring by personnels of KVK, Banswara.
4. **Uptake, Spread and Benefit:** After success of Mr. Hitesh Rawat 2 youths from Village also started Poultry units. Mr. Hitesh Rawat earned net return of Rs. 4,68,750 from unit of 1500 birds in year 2023.

Year	Unit size	Produce	Average Rate (Rs.)	Gross Returns (Rs.)	Expenses (Rs.)	Net Returns (Rs.)
2023	1500	18500 Eggs and 1200 Birds	Rs.15/Egg Rs.550/ Male Bird and Rs 400 /Female Bird	8,58,750	3,90,000	4,68,750

XIII. STATUS REVOLVING FUNDs

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st January of each year
January 2021 to December 2021	537592.67	1728145	1807579	573846.67
January 2022 to December 2022	573846.67	2839744	2369103	1044487.67
January 2023 to December 2023	1044487.67	2276903	1330114	1991276.67

OTHER SPECIAL PROGRAMMES ORGANIZED BY KVK

A. Special Swachchhata Campaign 2.0 (2023)

Date	Activity	No. Of participants
26.09.2023	Swachhata Pakhawara	35
02.10.2023	Swachhata Pakhawara	47
Total -2	**82**	

B. Vikshit Bharat Sankalp Yatra 2023

S. No.	Title	Date	Place	No. of families benefited
1	Vikshit Bharat Sankalp Yatra	16.12.2023	Banswara	868
2	Vikshit Bharat Sankalp Yatra	17.12.2023	Kher Dabra, Katiyor, Bodigama and Pindarma	2428
3	Vikshit Bharat Sankalp Yatra	18.12.2023	Borkhera ,Chachakota, Nogama and Khokharwa	2335
4	Vikshit Bharat Sankalp Yatra	19.12.2023	Thikariya, Bhapor, Sogpura and Balawada	3157
5	Vikshit Bharat Sankalp Yatra	20.12.2023	Nawagaon , Sagwadeeya, Umedgarhi and Vanelapara	3378
6	Vikshit Bharat Sankalp Yatra	21.12.2023	Siyapur, Saliya, Lalawara and Khunta Machhar	2735
7	Vikshit Bharat Sankalp Yatra	22.12.2023	Suwala	750
8	Vikshit Bharat Sankalp Yatra	23.12.2023	Samriya, Pratapnagar, Bari and Naal	2075
9	Vikshit Bharat Sankalp Yatra	24.12.2023	Leemthan and Jhubel	872
10	Vikshit Bharat Sankalp Yatra	25.12.2023	Ganau, Devgarh, Sevna and Barigama	3072
11	Vikshit Bharat Sankalp Yatra	26.12.2023	Badrel Khurd, Aambapura, Karji and Mangaliya daida	2907
12	Vikshit Bharat Sankalp Yatra	27.12.2023	Itauva and Badodia	965
			Total	**25542**

C. NARI 2023

S.No	Date	Activity	Place	No of participants
1	1-30.09.2023	Nutritional Garden	Rampura and Motira	200
		On Campus Training Programmes		
1	11-12.05.2023	On Campus Training on Mango Processing	Hameerpura	24
		Off Campus Training Programmes		
1	10.08.2023	Importance of Millets in Daily diet	Rampura	32
2	16.08.2023	Millet Processing and Value Addition	Rampura	88
3	20.09.2023	Layout of Nutri Garden	Motira	25
4	26.09.2023	Millet Vatika	Motira	35
		Millet Recipe Contest		
1	16.08.2023	Millet Recipe Contest	Rampura	71
2	26.09.2023	Millet Recipe Contest	Motira	70
		Total		**545**

Nutri Map of Banswara District

E. Awards during year 2023

Awards received by staff			
Name of Staff	**Name of Award**	**Organization**	**Month /Year**
Dr. B.S.Bhati	Appreciation certificate for outstanding services in Banswara district	District Administration , Banswara	15.8.2023
Awards received by farmer			
Name of Farmer	**Name of Award**	**Organization**	**Month /Year**
-	-	-	-

4. Feedback System

4.1. Feedback of the Farmers to KVK

Name of KVK	Feedback			
	Technology	**Methodology**	**Benefits of**	**Future**
Banswara	Popularization of Soybean variety JS 20-29	Frontline demonstrations	Increase in yield and reduced cost of cultivation	198 ha area
	Popularization of Gram variety GNG-2144	Frontline demonstrations	Increase in yield and reduced cost of cultivation	162 ha area
	Popularization of Green gram Variety GAM - 5	Frontline demonstrations	Increase in yield and reduced cost of cultivation	95 ha area

4.2. Feedback from KVK to Research System.:

Name of KVK	Feedback from OFT on technology tested
Banswara	**OFT- Varietal assessment of Rabi Onion** KVK, Banswara in Rajasthan conducted on-farm trial to assess different varieties of *rabi* onion. Three improved varieties of *rabi* Onion were compared with local Variety. The Treatments are symbolized as T_1 - Farmers Practice (Local Seed), T_2 - Recommended Variety (AFLR), T_3 - NHRDF Red-3 and T_4 - NHRDF Red-4. The results revealed that under T_3 (NHRDF Red -3) yield was 336.8 q /ha which was 26.52 per cent higher than T1 (Farmers Practice). Similarly , net return (Rs 147260) and B:C ratio (2.66) were recorded in T3 as against (Rs 106040 and B:C ratio 2.32) respectively in Farmers practice, so it may be tested at Adaptive Trial Centre or to be included in package of practices.

4.3. Documentation of the need assessment conducted by the KVK for the training programme

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. of participants involved
Banswara	Rural Youth (Commercial Poultry Production)	Survey and Personal Interview	17.05.2023 (Lohariyapada, Bai ka Garha) 02.06.2023 (Patelia)	50
Banswara	Rural Youth (Commercial Goat Farming)	Survey and Personal Interview	12.07.23 (Madelapada and Hatholiapada), 20.07.2023 (Chelkari), 17.10.2023 (Sundanpur)	50

Doubling Farming Income

Doubling Farming Income programme was started at KVK , Banswara in Year 2018-19 .For this purpose two villages namely Kanpura and Amarthun of Panchayat Samiti-Ghatol, District –Banswara were selected and started work with 100 farm families by providing them following interventions

1. **Income generation through seed replacement**

Crop	Variety	No	Area	Yield (q/ha)		Percent increase	Additional Income (Rs/ ha)
				Existing variety	Improved variety		
Blackgram	Pratap Urd-1	75	30	6.10	7.90	29.50	10400
Soybean	JS-20-29	50	20	14.60	17.80	21.92	16000
Rabi Maize	Bio-9544	75	30	58.80	73.40	24.83	30600
Gram	GNG-2144	38	15	12.20	15.80	29.51	16500
Wheat	Raj-4238	75	30	30.20	37.50	24.17	15300
Summer Mung	GAM-5	50	20	9.20	12.83	39.46	23200

2. **Income generation through Fruit and Vegetables**

Crop	Variety	No	Area(ha)	Yield(q/ha)		Percent increase	Additional Income(Rs/ ha)
				Existing variety	Improved variety		
Onion	NHRDF Red -3	10	2	248.2	309.8	24.82	43000
Tomato	Arka Rakshak	10	2	528.0	692.4	31.14	82000
Papaya	Red Lady- 786	5	0.25	632.0	950.0	50.31	159000

3. **Income generation through improving Live stock productivity**

Particulars	Breed	No of Unit	Additional Income (Rs/unit)
Backyard poultry (20 Chicks)	Pratapdhan	60	4880
Sirohi Breeding buck	Sirohi	10	Progeny is in progress

4. **Income generation through efficient water management**

Particulars	No	No of Farmers	Increase in Area	Additional Income (Rs/ha)
HDPE Pipes	625	125	15.8	40000

5. **Income generation through reducing cost of production**

Particulars	No	Additional Benifit
Seed Storage bin (2q capcity)	46	40q seed Safely Stored
Knap Sack Sprayer	60	Effective control of pests
Vermicompost	80	Integrated nutrient management & Reduce the cost of commercial fertilizer