KRISHI VIGYAN KENDRA : BHILWARA

ANNUAL PROGRESS REPORT

(April, 2013 to March, 2014)

महाराणा प्रताप कृषि एवं प्रौद्योगिकी विश्वविद्यालय उदयपुर
1999
कृषि समृद्धया राष्ट्राभ्युदयः मतः

Directorate of Extension Education
Maharana Pratap University of Agriculture and Technology
Udaipur - 313 001(Raj.)

ANNUAL PROGRESS REPORT – 2013-14
(01.04.2013 TO 31.03.2014)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
KVK, Agarpura Chouraha, Suwana, Bhilwara (Raj.) 311 001 P.B. No. 56,	(01482) 290280	-----	**kvkbhilwara@rediffmail.com** **kvkbhilwara@gmail.com**

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

Address	Telephone		E mail
	Office	FAX	
Directorate of Extension Education, M.P.U.A.T, outside Surajpole (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. Shiv Dayal Dhakar	(01482) 236266	09414576763	**kvkbhilwara@rediffmail.com** **kvkbhilwara@gmail.com**

1.4. Year of sanction: Aug. 1992

1.5. Staff Position (as on 31st March, 2014)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/ OBC/ Others)
1	Programme Coordinator	Dr. S. D. Dhakar	Programme Coordinator	Extension Education	37400-67000	63220	03.03.2014	Permanent	OBC
2	Subject Matter Specialist	Dr. (Smt.) Manju Upadhyay	Professor	H. Sc. Extension	37400-67000	63120	04.03.2014	Permanent	Others
3	Subject Matter Specialist	Dr. P. Panwar	Assoc. Prof.	H. Sc. Extension	37400-67000	53820	29.06.2000	Permanent	Others
4	Subject Matter Specialist	Dr. K. C. Naagar	SMS	Agronomy	15600-39100	28480	16.3.2005	Permanent	SC
5	Subject Matter Specialist	Dr. C. M. Yadav	SMS	Animal Production	15600-39100	28480	05.03.2008	Permanent	OBC
6	Subject Matter Specialist	Dr. S. Dadheech	SMS	Horticulture	Fixed	18200	16.6.2012	-----	Others
7	Subject Matter Specialist	Vacant	SMS	P.P.	-----	-----	-----	-----	-----
8	Programme Assistant	Sh. R. V. Singh	P. A.	----	15600-39100	30480	01.08.1992	Permanent	Others
9	Programme Assistant	Sh. J.S. Rathore	P. A.	----	15600-39100	29610	15.07.1995	Permanent	Others
10	Programme Assistant	Sh. M. S. Chundawat	P. A.	----	9300-34800	25590	16.07.2001	Permanent	Others
11	Accountant / Superintendent	Sh. B.S. Panwar	S. O.	----	9300-34800	22830	18.10.2011	Permanent	Others

12	Stenographer	Vacant	----	----	----	----	----	----	----
13	Driver	Vacant	Driver	---	---	---	---	---	---
14	Driver	Vacant	Driver	---	---	---	---	---	---
15	Supporting staff	Sh. Govind Ram	Watch man	---	5200-20200	10470	01.08.1992	Permanent	OBC
16	Supporting staff	Sh. Madhu Lal	Watch man	---	5200-20200	10650	09.06.2000	Permanent	OBC

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

S. No.	Item	Area (ha.)
1	Under Buildings	3.00
2.	Under Demonstration Units (Vermi compost, Vermi wash, Goat, Poultry, Rabbit, Duck & Azolla units)	0.25
3.	Under Crops	4.00
4.	Orchard/Agro-forestry	3.50
5.	Others – Farm pond	0.50
	Total	**11.25**

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR						Completed
2.	Farmers Hostel	TRYSEM & RSLDC						Completed
3.	Staff Quarters (6)	ICAR						Completed
4.	Demonstration Units (2)	ICAR						Completed
5	Fencing	ICAR						Completed
6	Rain Water harvesting system	ICAR						Completed
7	Threshing floor	ICAR						Completed
8	Farm go down	ICAR						Completed

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Jeep	27.05.1999	3,32,360	4,33,160	Condemned since 2012
Tractor	27.05.1997	2,16,717	5220 Hrs.	Not in Working
Motor Cycle (Rajdoot)	12.03.1997	31,431	28,913	Not in Working
Motor Cycle (Super Splendor)	23.11.2010	42,319	17,867	Working

C) Equipments & AV aids

Sl. No.	Name of the equipment	Year of purchase	Cost (Rs.)	Present status
List of A.V. Aids				
1.	Slide Projector	26.03.1994	15235	Not in Working
2.	OHP	26.03.1994	7342	Not in Working
3.	LCD	16.09.2005	82620	Working
4.	VCR	04.02.1992	3100	Working
5.	VCD	21.11.2004	1800	Working
6.	PAS	26.03.1994	5000	Working
7.	TV	04.02.1992	15040	Working
8.	Computer	31.03.2005	30500	Working
9.	Scanner	31.03.2005	4495	Working
10.	Printer	31.03.2005	10995	Working
11.	Photocopier	16.10.2005	60774	Not in Working
12.	Digital Analyzer	17.03.2005	14119	Working
List of Farm Equipment				
1.	Thresher	27.05.1997	38000	Working
2.	Seed cum Fertilizer drill	27.05.1997	15000	Working
3.	Disc plough	27.05.1997	17515	Working
4.	Disc harrow	27.05.1997	17840	Working
5.	MB plough	27.05.1997	9000	Working
6.	Cultivator	27.05.1997	10700	Working
7.	Leveler	27.05.1997	3133	Working
8.	Rotavator	22.07.2006	59500	Not in Working

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

S.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
1.	10.04.2013	1. Prof. O. P. Gill, Hon'ble V.C., MPUAT, Udaipur	Farming should be done by following all the new Agricultural practices by adopting Integrated farming practices.	Due emphasis is being given in farming following all the new Agriculture practices in a integrated manner comprised of seed treatment with trichoderma, use of improved farm implements etc.
			Necessary action in improving Productivity of milch animals of the district is to be taken.	This Kendra has organized one Animal health camp benefiting 60 families by treating 642 Animals.
			KVK should establish a Backyard Poultry unit.	This Kendra has established a Backyard Poultry Unit
			KVK should done all activity in adopted villages in a cluster.	The KVK has adopted six villages namely Salariya,Ganeshpura, Laxmipura, Kherliya, Bansa ka Khera and Hatipura in two cluster and all the activities are being intensified in these six villages.
		2. Prof. I. J. Mathur, Director Extension, MPUAT, Udaipur	Need based training programme for selective farmers of the district should be organized by the KVK.	Need base training programmes for selective farmers of whole the district are being organized by the KVK.

		2. Prof. I. J. Mathur, Director Extension, MPUAT, Udaipur	Due consideration should be given on integrated farming and KVK should work on the National theme of secondary Agriculture.	KVK is giving due consideration on the National theme of secondary Agriculture in improving socio-economic condition of the farming community.
			A vermicompost unit should establish at KVK, Instruction farm	This Kendra has been established a Vermicompost Unit and also new innovation established of vermiwash unit.
		3. Dr. P. K. Gupta, Zonal Director Research, MPUAT, Udaipur	Capacity building of the Scientist is to be done on improved poultry Production management	Capacity building of the one Scientist and one Programme Assistant has been done on improved poultry Production management
			The services of farmers are used as resource person in training programme of KVKs who have done excellent work in farming and allied sector activity.	The services of farmer who have done excellent work in farming and allied sector activity is being taken as a resource person for training.
		4. Dr. Jakir Huisain, Deputy Director, Animal Husbandry	A Rabbit and Dukry unit is established at this Kendra.	A Rabbit and Dukry unit has been established at Instructional farm.
			KVK should emphasis on fodder preservation	Prepared Silage at Instructional farm and farmer's fields
		5. Sh. Ashok Kumar Sharma, Project Coordinator, UNDP	Stress should be given to consider Agriculture as an enterprise to obtain higher gain from the Agriculture.	Stress is being given to consider Agriculture as an enterprise to obtain higher gain from the Agriculture.
		6. Dr. R. A. Kaushik, Prof. & Head, Deptt. of Horti. RCA, Udaipur 7. Dr. S.S. Rajput, Deputy Director Extension, MPUAT, Udaipur 8. Dr. P. M. Khan, Programme Coordinator, KVK, Bhilwara 9. Dr. B.S. Kumpawat, Chief Scientist, DFRS-Arjia, Bhilwara 10. Dr. O. P. Pareek, Assoc, Prof, (Ag.Engg.), KVK, Bhilwara	KVK should develop Pomegranate and Guava orchard at Instruction farm.	KVK has established Pomegranate and Guava orchard at Instructional farm.

		11. Dr. (Smt.) P. Panwar, Asstt. Prof. (H.Sc. Extn.), KVk, Bhilwara 12. Dr. K. L. Jeengar, Asstt. Prof. (Entomology.), KVK, Bhilwara 13. Dr. K. C. Naagar, Asstt. Prof. (Agronomy), KVK, Bhilwara 14. Dr. C. M. Yadav, Asstt. Prof. (Animal Production), KVK, Bhilwara 15. Dr. Suchitra Dadheech Asstt. Prof. (Horticulture), KVK, Bhilwara 16. Sh. Dharmesh Sodani F.D.O., Fisheries, Bhilwara 17. Sh. S.K. Gupta, DDM, NABARD, Bhilwara 18. Sh. R.G. Kacchhawa, L.D.M. (BOB) 19. Sh. I. S. Sancheti, P. D. ATMA 20. Dr. A. K. Kothari, Prof. (Ag. Engg.), DFRS, Arjia, Bhilwara 21. Sh. D. R. Bhati, Asstt. Sec. KUMS 22. Sh. Rampal khatik, Deputy Director Agriculture 23. Smt. Daya Saxena, Deputy Director, ICDC 24. Sh. Mahaveer Singh, P.F. 25. Sh. Shankar Singh, P.F. 27. Sh. Harishankar Vyas, P.F. 28. Sh. Bheru Lal Jat, P.F. 29. Dr. R.S. Singh, Principal Scientist & Head, Regional Unit, NBAS & LUP (ICAR), Udaipur		

		30.Dr. M. L. Jat, Assoc. Prof., DFRS, Arjia, Bhilwara 31.Smt. Bhanwar Kanwar, P.W. 32.Miss. Rekha Kanwar, P.W. 33.Sh. Shiv Singh, P.F. 34.Sh. Gopal Singh, P.F. 35.Sh. Anil Rathi, P.F. 36.Sh. Danveer Verma, Asstt. Director, Horticulture, Bhilwara 37.Sh. M. S. Chundawat, P. A. 38.Sh. J.S. Rathore, P. A. 39.Sh. R.V. Singh, P. A. 40.Asha Vaishnav, P.W. 41.Sh. A.K. Soni, Artist, KVK, Bhilwara		

2. DETAILS OF DISTRICT (2013-14)

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

S. No	Farming system/enterprise
1.	Crop production cum Horticulture and Animal Husbandry

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

S. No	Agro-climatic Zone	Characteristics
1.	Zone IV A Sub –humid Southern & plain Aravalli hills	Rain fed, medium texture, moderately deep to deep plain Rain fed, heavy, texture deep to very deep plain Irrigated, Medium to heavy texture deep to very deep plain

S. No	Soil type	Characteristics	Area in ha
1	• Rain fed, medium texture, moderately deep to deep plain • Rain fed, Heavy texture deep to very deep plain • Irrigated, Medium to heavy texture deep to very deep plain	-----	-----

2.3 Soil type/s

S. No.	Soil type	Characteristics	Area in ha
1	Red loam, black soil, brown soil, yellowish brown soil, foot hills, alluvial soil	Coarse to fine loamy, mixed hypothermic, calcareous, moister moisture moves through the soil in to deeper layers only in occasional years.	560804
2	Brown soil, red and yellow soils of foothills	Fine loamy/coarse loam, Rock outcrops and plains are having deep to very deep soil.	211206
3	Black soils	Deep to very deep, well drained fine soils with weakly expressed slicken sides on nearly level plains very dark grayish brown, moderately well drained calcareous fine soil affected by ravine formation.	273480

2.4. Area, Production and Productivity of major crops cultivated in the district (2012-13)

S. No.	Crop	Area (ha)	Production (Qtl)	Productivity (Qtl /ha)
1	Maize	156130	219532	14.06
2	Sorghum	35307	41587	11.78
3	Groundnut	6400	4272	6.68
4	Soybean	6896	7043	10.21
5	Til	23515	9875	4.20
6	Black Gram	55702	45028	8.08
7	Green Gram	14362	10274	7.15
8	Cotton	50773	39441	7.77
9	Wheat	121743	286884	23.56
10	Barley	24862	54617	21.97
11	Gram	29204	17517	6.00
12	Mustard	42144	58113	13.79
13	Cumin	4706	3246	6.90

2.5. Weather data

Month	Rainfall (mm)	Temperature ^{0} C		Relative Humidity (%)
		Maximum	Minimum	
April – 2013	5.40	38.00	22.00	52.00
May – 2013	0.0	44.00	25.00	40.00
June– 2013	101.20	41.00	24.00	74.00
July – 2013	205.90	34.00	24.00	84.00
August – 2013	370.90	28.00	23.00	78.00
September – 2013	69.20	32.00	23.00	73.00
October – 2013	26.80	29.00	19.00	71.00
November – 2013	0.0	28.00	14.00	59.00
December– 2013	0.0	27.00	8.00	61.00
January – 2014	72.60	21.00	6.00	----
February – 2014	2.00	26.00	7.00	----
March – 2014	1.00	33.00	13.00	----

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

Category	Population	Production	Productivity
Cattle	7,19,472	81,000 Tons/year	2.380 Kg./day
Crossbred	73,262	----	----
Indigenous	6,46,210	----	----
Buffalo	3,82,056	1,00,000 Tons/year	4.203 Kg/day
Sheep	5,37,839	----	----
Crossbred	4,795	----	----
Indigenous	5,33,013	----	----
Goats	8,73,218	36,000 Tons/year	0.465 Kg/day
Pigs	10,705	----	----
Crossbred	1,720	----	----
Indigenous	8,985	----	----
Rabbits	160	----	----
Poultry	82,480	----	----
Hens	----	----	----
Desi	62,081	40-50 eggs/year	----
Improved Pratap dhan/Nirbheek	20,339	150-180 eggs/year	----
Ducks	98	----	----
Turkey and others	02 and 264	----	----
Category	**Area**	**Production**	**Productivity**
Fish	----	----	----
Marine	----	----	----
Inland	----	----	----
Prawn	----	----	----
Scampi	----	----	----
Shrimp	----	----	----

2.7 Details of Operational area / Villages (2013-14)

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Kotri	Kotri	Salariya	Maize, Black Gram, Green Gram, Cotton, Wheat, Mustard &AH	Low yield of crops. Low yield of productivity, use of local varieties, high seed rates, no PP measures & no use of herbicides, low productivity of animals,Mal nutrition &drudgery among human being.	To promote the improved cultivation technology. To improve the local breeds of cow and goat through breeding, feeding and management. Drudgery reduction, Improving health & nutritional status
2	Banera	Banera	Ganeshpura	Maize, Black Gram, Green Gram, Cotton, Wheat, Mustard &AH	Low yield of crops. Low yield of productivity, use of local varieties, high seed rates, no PP measures & no use of herbicides low productivity of animals. Mal nutrition &drudgery among human being.	To promote the improved cultivation technology. To improve the local breeds of cow and goat through breeding, feeding and management. Drudgery reduction, Improving health & nutritional status
3	Banera	Banera	Laxmipura	Maize, Black Gram, Green Gram, Cotton, Wheat, Mustard &AH	Low yield of crops. Low yield of productivity, use of local varieties, high seeds rates, no PP measures & no use of herbicides low productivity of animals. Mal nutrition &drudgery among human being.	To promote the improved cultivation technology. To improve the local breeds of cow and goat through breeding, feeding and management. Drudgery reduction, Improving health & nutritional status
4	Banera	Banera	Kherliya	Maize, Black Gram, Green Gram, Cotton, Wheat, Mustard &AH	Low yield of crops. Low yield of productivity, use of local varieties, high seed rates, no PP measures & no use of herbicides low productivity of animals. Mal nutrition &drudgery among human being.	To promote the improved cultivation technology. To improve the local breeds of cow and goat through breeding, feeding and management. Drudgery reduction, Improving health & nutritional status
5	Banera	Banera	Bansa Ka Khera	Maize, Black Gram, Green Gram, Cotton, Wheat, Mustard &AH	Low yield of crops. Low yield of productivity, use of local varieties, high seed rates, no PP measures & no use of herbicides lo Mal nutrition &drudgery among human being.w productivity of animals.	To promote the improved cultivation technology. To improve the local breeds of cow and goat through breeding, feeding and management. Drudgery reduction, Improving health & nutritional status
6	Banera	Banera	Hathipura	Maize, Cotton, Groundnut, Urd, Moong, Wheat, Mustard, Gram &AH	Low yield of crops. Low yield of productivity, use of local varieties, high seed rates, no PP measures & no use of herbicides low productivity of animals. Mal nutrition &drudgery among human being.	To promote the improved cultivation technology. To improve the local breeds of cow and goat through breeding, feeding and management. Drudgery reduction, Improving health & nutritional status

2.8 Priority/thrust areas

Crop/Enterprise	Thrust area
Major *Kharif* and *Rabi* crops	Popularizing latest cultivation technologies of *Kharif* and *Rabi* crops
Crops & Vegetables	Promoting Organic Farming and IPM technologies
Horticulture crops	Crop diversification by increasing area under fruits, vegetables and spices
Implements	Farm mechanization
Water management	Scaling up of irrigation water
Animal Production	Scientific feeding, breeding and management of existing livestock
Home Science	Empowerment of farm women by improving health, hygiene, nutrition status, drudgery reduction and vocational trainings for employment generation and value addition.

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievements of mandatory activities by KVK during 2013-14

OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)			
1				2			
Number of OFTs		Number of Farmers		Number of FLDs		Number of Farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
4	4	36	35	162.50 ha	162.50 ha	429	429

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	----	1	----	70	----	----	----	----
Rural youth	----	----	----	----	----	----	----	----
Extn. Functionaries	----	----	----	----	----	----	----	----

Seed Production (Qtl.)		Planting material (Nos.)	
5		6	
Target	Achievement	Target	Achievement
------	109.18	------	11343

3. B. Abstract of interventions undertaken

S. No.	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
1.	Low yield of gram (pod borer infestation)	T1= Farmers practice no use of pesticides T2=Spray of MP Dust 2%,@ 25 kg/ha and Monocrotophose 1lit/ha T3= T2+ Spray of NPV 250 LE /ha at 30 60 DAG and need base spray of Quinolphos @ 1.00 lit./ha	Loss in yield by gram pod borer	Low yield of Gram	-	Pod borer management	-	-	Full package of IPM
2.	Assessment of balance diet in milk yield of buffalo	T_1 Farmers practice: Farmers feeding routine conventional feed (grazing four hrs + homemade 1.5 kg grain mixture/day/buffalo T_2 Feeding of 1.5 kg concentrate mixture for maintenance, 1.0 kg concentrate mixture/2lit.milk yield and 15 kg green fodder/day/animal T3 Refinement:T_2 +microbial feed supplementation (Bio-bloom)@15 g/day/head	Low milk yield due to imbalance nutrition	Low milk yield of buffalo	-	Preparation of balance ration	-	-	Balance ration

3.	Assessment of growth through feeding of balance diet for weight gain of growing goats	T_1= Natural Grazing practice (6-8 hours) T_2=T1+Concentrate mixture @ 1.5 % of body weight +microbial feed supplementation (Bio-bloom)@3 g/day/head	Farmers maintained their animals on grazing which is deficient in nutrients 1.Farmers do not feed supplement 2.Farmers do not feed as per required green fodder 3. Farmers do not feed as per required balanced ration	Low growth rate of growing goats	-	Preparation of balance ration	-	-	Balance ration
4.	Low body weight and egg production in backyard poultry	T1: Farmers practices- desi birds rearing under backyard T2= Introduce of Pratapdhan birds (Broiler X Native) X RIR	Low body weight and egg production	Low body weight and egg production in backyard poultry	-	Improved Poultry Rearing	-	-	Improved Pratapdhan birds

3.1 Achievements on technologies assessed and refined

A.1 Abstract of the number of technologies **assessed*** in respect of crops/enterprises

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation	----	----	----	----	----	----	----	----	----	----
Seed / Plant production	----	----	----	----	----	----	----	----	----	----
Weed Management	----	----	----	----	----	----	----	----	----	----
Integrated Crop Management	----	----	----	----	----	----	----	----	----	----
Integrated Nutrient Management	----	----	----	----	----	----	----	----	----	----
Integrated Farming System	----	----	----	----	----	----	----	----	----	----
Mushroom cultivation	----	----	----	----	----	----	----	----	----	----
Drudgery reduction	----	----	----	----	----	----	----	----	----	----
Farm machineries	----	----	----	----	----	----	----	----	----	----
Value addition	----	----	----	----	----	----	----	----	----	----
Integrated Pest Management	1	----	----	----	----	----	----	----	----	1

Integrated Disease Management	----	----	----	----	----	----	----	----	----	----
Resource conservation technology	----	----	----	----	----	----	----	----	----	----
Small Scale income generating enterprises	----	----	----	----	----	----	----	----	----	----
TOTAL	1	----	----	----	----	----	----	----	----	1

A.2. Abstract of the number of technologies **refined** in respect of crops/enterprises **- Nil**

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

A.3. Abstract of the number of technologies **assessed** in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitary	Fisheries	TOTAL
Evaluation of Breeds	----	1	----	----	----	----	----	1
Nutrition Management	1	----	----	1	----	----		2
Disease of Management	----	----	----	----	----	----	----	----
Value Addition	----	----	----	----	----	----	----	----
Production and Management	----	----	----	----	----	----	----	----
Feed and Fodder	----	----	----	----	----	----	----	----
Small Scale income generating enterprises	----	----	----	----	----	----	----	----
TOTAL	**1**	**1**	**----**	**1**	**----**	**----**	**----**	**3**

A.4. Abstract on the number of technologies **refined** in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitry	Fisheries	TOTAL
Evaluation of Breeds	----	----	----	----	----	----	----	----
Nutrition Management	1	----	----	1	----	----	----	2
Disease of Management	----	----	----	----	----	----	----	----
Value Addition	----	----	----	----	----	----	----	----
Production and Management	----	----	----	----	----	----	----	----
Feed and Fodder	----	----	----	----	----	----	----	----
Small Scale income generating enterprises	----	----	----	----	----	----	----	----
TOTAL	1	----	----	1	----	----	----	2

B. Details of each On Farm Trial to be furnished in the following format

A. <u>Technology Assessment</u>

Trial 1

1) Title : Low yield of Gram
2) Problem diagnose/defined : Loss in yield by infestation of gram pod borer
3) Details of technologies Selected for assessment /refinement : T1= Farmers practice no use of pesticides
T2=Spray of MP Dust 2%, 25 kg/ha and Monocrotophose 1lit/ha
T3= T2+ Spray of NPV 250 LE /ha at 30 & 60 DAG and need base spray of Quinolphos @ 1.00 lit./ha
4) Production system Thematic area : Rain fed
5) Thematic area : Low yield of gram due to pod borer infestation.
6) Performance of the Technology with performance indicators : Results showed that T 3 18.50 quintal/ha. recorded highest yield (B:C ratio (2.14)
7) Final recommendation for micro level situation : T3= T2+ Spray of NPV 250 LE /ha at 30 & 60 DAG and need base spray of Quinolphos @ 1.00 lit./ha
8) Constraints identified and feedback for research : Pod borer infestation is controlled by spray of NPV 250 LE /ha at 30 & 60 DAG and need base spray of Quinolphos @ 1.00 lit./ha
9) Process of farmers Participation and their reaction : Farmers were made aware through trainings, demonstrations and extension activities.

Trial 2

1) Title : Assessment of balance diet in milk yield of buffalo
2) Problem diagnose/defined : Low milk yield of buffalo
3) Details of technologies selected for assessment /refinement : T_1 Farmers practice: Farmers feeding routine conventional feed (grazing four hrs + homemade 1.5 kg grain mixture/day/buffalo

   T_2 Feeding of 1.5 kg concentrate mixture for maintenance, 1.0 kg concentrates mixture/2lit.milk yield and 15 kg green fodder/day/animal

   T_3 Refinement:T_2 +microbial feed supplementation (Bio-bloom)@15 g/day/head
4) Production system thematic area : ----------
5) Thematic area : Low milk yield of buffalo
6) Performance of the Technology with performance indicators : Results were showed that 7.91 Kg milk yield/day/head highest in T3, 7.69 kgmilk yield/day/head in T2 and 5.90 kg milk yield/day/head in control group
7) Final recommendation for micro level situation : Feeding of 1.5 kg concentrate mixture for maintenance, 1.0 kg concentrate mixture/2lit.milk yield/day and 15 kg green fodder/day/animal and microbial feed supplementation (Bio-bloom)@15 g/day/head
8) Constraints identified and feedback for research : Low milk yield of buffaloes and balance ration and microbial feed supplement to be provided to buffaloes.
9) Process of farmer's participation and their reaction : Farmers were made aware through trainings, demonstrations and extension activities and increase in milk yield by 34.06 over farmer's practices.

Trial 3

1) Title : Assessment of growth through feeding of balance diet for weight gain of growing goats
2) Problem diagnose/defined : Low growth rate of growing goats
3) Details of technologies selected for assessment /refinement : T_1= Natural Grazing practice (6-8 hours)
   T_2 =T1+Concentrate mixture @ 1.5 % of body weight
   T3= T2 +microbial feed supplementation (Bio-bloom)@3 g/day/head
4) Production system thematic area : ----------
5) Thematic area : Low growth rate of growing goats.
6) Performance of the Technology with performance indicators : Results were found that 82.30 gram/day/head in T3, 74.26 gram/day/head in T2 and 42.00 gram/day/head in control group
7) Final recommendation for micro level situation : Feeding of concentrate mixture @1.5% of body weight and microbial feed supplementation (Bio-bloom) @ 3 gram/day/head.
8) Constraints identified and feedback for research : Low growth rate of growing goats and feeding of balance ration and microbial feed supplement to be provided to growing goats.
9) Process of farmers participation and their reaction : Farmers were awared by training, demonstration, extension activities and appreciated by farmers , growth rate of goat was higher (83.30g/day/head) in T3 treatment as compared to control group.

Trial 4

1) Title : Low body weight and egg production in backyard poultry Problem
2) diagnose/defined : Low body weight and egg production in backyard poultry
3) Details of technologies selected for assessment /refinement : T1=Farmers practices- desi birds rearing under backyard
   T2 =Introduction of Pratapdhan birds (Broiler X Native) X RIR
4) Thematic area : Low body weight and egg production in backyard poultry
5) Performance of the Technology with performance indicators: {Results awaited}
6) Final recommendation for micro level situation : {Results awaited}
7) Constraints identified and feedback for research : {Results awaited}
8) Process of farmers participation and their reaction :{Resultsawaited}

11). Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Gram	Irrigated	Pod borer infestation	Low yield of Gram	8	T3= T2+ Spray of NPV 250 LE /ha at 30 & 60 DAG and need base spray of Quinolphos @ 1.00 lit./ha	Pod borer infestation per mrl, pest density, Grain yield, B:C ratio and farmers reaction		T1 :11.60 T2:16.20 T3 :18.50	
Buffalo		Low milk yield of buffalo	Assessment of balance diet in milk yield of buffalo	15	T_3 Refinement:T_2 +microbial feed supplementation (Bio-bloom)@15 g/day/head	Milk yield	Data recorded fortnightly interval	T1 :590 T2:769 T3 :791	
Goats		Low growth rate of growing goats	Assessment of growth balance diet for weight gain of growing goats	10	T3= T2 +microbial feed supplementation (Bio-bloom)@3 g/day/head	Growth rate	Data recorded fortnightly interval	T1 :6.30 T2:11.14 T3 :12.35	
Backyard poultry		Low body weight and egg production in backyard poultry	Low body weight and egg production in backyard poultry Problem	2	T2 Introduce of Pratapdhan birds (Broiler X Native) X RIR	Egg production & body weight	Data recorded monthly interval	Awaited	

Technology Assessed	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
11	12	13	14
T3= T2+ Spray of NPV 250 LE /ha at 30 & 60 DAG and need base spray of Quinolphos @ 1.00 lit./ha	T1 :11.60 T2:16.20 T3 :18.50	29350/- 43500/- 48750/-	2.14 3.52 3.90
T_3 Refinement:T_2 +microbial feed supplementation (Bio-bloom)@15 g/day/head	T1 :590 T2:769 T3 :791	9530/- 9859/- 9942/-	1.40 1.92 1.96
T3= T2 +microbial feed supplementation (Bio-bloom)@3 g/day/head	T1 :6.30 T2:11.14 T3 :12.35	1680/- 2530/- 2760/-	1.10/ 1.30 1.42
T2 Introduce of Pratapdhan birds (Broiler X Native) X RIR	Awaited	Awaited	Awaited

Field crops – kg/ha, * for horticultural crops -= kg/t/ha, * milk and meat – litres or kg/animal, * for mushroom and vermi compost kg/unit area.

***** Give details of the technology assessed or refined and farmer's practice***

B. <u>Technology Refinement</u>

Trial 1

1) Title : Low yield of Gram
2) Problem diagnose/defined : Loss in yield by gram pod borer
3) Details of technologies selected for assessment /refinement: T1= Farmers practice no use of pesticides
   T2=Spray of MP Dust 2%, 25 kg/ha and Monocrotophose 1lit/ha
   T3= T2+ Spray of NPV 250 LE /ha at 30 & 60 DAG and need base spray of Quinolphos @ 1.00 lit./ha
4) Source of technology : MPUAT, Udaipur
5) Production system thematic area : Rain fed
6) Thematic area : Low yield of gram due to pod borer
7) Performance of the technology with performance indicators : Results showed that T 3 18.50 qintal/ha recorded highest yield (B:C ratio (2.14)
8) Final recommendation for micro level situation : T3= T2+ Spray of NPV 250 LE /ha at 30 & 60 DAG and need base spray of Quinolphos @ 1.00 lit./ha
9) Constraints identified and feedback for research : Pod borer infestation is controlled by spray of NPV 250 LE /ha at 30 & 60 DAG and need base spray of Quinolphos @ 1.00 lit./ha
10) Process of farmers participation and their reaction : Farmers were aware by training, demonstration and extension activities.

Trial 2

1) Title : Assessment of balance diet in milk yield of buffalo
2) Problem diagnose/defined : Low milk yield of buffalo
3) Details of technologies selected for assessment /refinement : T_1 Farmers practice: Farmers feeding routine conventional feed (grazing four hrs + homemade 1.5 kg grain mixture/day/buffalo

   T_2 Feeding of 1.5 kg concentrate mixture for maintenance, 1.0 kg concentrates mixture/2lit.milk yield and 15 kg green fodder/day/animal

   T_3 Refinement:T_2 +microbial feed supplementation (Bio-bloom)@15 g/day/head
4) Source of technology : MPUAT, Udaipur
5) Production system thematic area : ----------
6) Thematic area : Low milk yield of buffalo
7) Performance of the Technology with performance indicators: Results showed that 7.91 Kg milk yield/day/head highest in T3, 7.69 kg milk yield/day/head in T2 and 5.90 kg milk yield/day/head in control group
8) Final recommendation for micro level situation :Feeding of 1.5 kg concentrate mixture for maintenance, 1.0 kg concentrate mixture/2lit.milk yield/day and 15 kg green fodder/day/animal and microbial feed supplementation (Bio-bloom)@15 g/day/head
9) Constraints identified and feedback for research : Low milk yield of buffaloes and balance ration and microbial feed supplement provide to buffaloes.
10) Process of farmer's participation and their reaction : Farmers was awareness by training, demonstration and extension activities and also milk yield increase by 34.06% over farmer's practices.

Trial 3

1) Title : Assessment of growth balance diet for weight gain of growing goats
2) Problem diagnose/defined : Low growth rate of growing goats
3) Details of technologies selected for assessment /refinement : T_1= Natural Grazing practice (6-8 hours)
   T_2T1+Concentrate mixture @ 1.5 % of body weight
   T3= T2 +microbial feed supplementation (Bio-bloom)@3 g/day/head
4) Source of technology: MPUAT, Udaipur.
5) Production system thematic area : ----------
6) Thematic area : Low growth rate of growing goats.
7) Performance of the Technology with performance indicators: Results founded that 82.30 gram/day/head in T3, 74.26 gram/day/head in T2 and 42.00 gram/day/head in control group
8) Final recommendation for micro level situation : Feeding of concentrate mixture @1.5% of body weight and microbial feed supplementation (Bio-bloom) @ 3 gram/day/head.
9) Constraints identified and feedback for research : Low growth rate of growing goats and feeding of balance ration and microbial feed supplement provide to growing goats.
10) Process of farmer's participation and their reaction: Farmers was awareness by training, demonstration and extension activities and appreciated by farmer's growth rate was higher (83.30g/day/head) in T3 treatment as compare to control group.

11). Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology refined	Parameters	Data on the parameter	Results of refinement	Feedback from the farmer	Justifi cation for refinement
1	2	3	4	5	6	7	8	9	10	11
Gram	Irrigated	Pod borer infestation	Low yield of Gram	8	T3= T2+ Spray of NPV 250 LE /ha at 30 & 60 DAG and need base spray of Quinolphos @ 1.00 lit./ha	Pod borer infestation/ m r l, pest density, Grain yield, B:C ratio and farmers reaction		T1 :11.60 T2:16.20 T3 :18.50		
Buffalo		Low milk yield of buffalo	Assessment of balance diet in milk yield of buffalo	15	T_3 Refinement:T_2 +microbial feed supplementation (Bio-bloom)@15 g/day/head	Milk yield	Data recorded fortnightly interval	T1 :590 T2:769 T3 :791		
Goats		Low growth rate of growing goats	Assessment of growth balance diet for weight gain of growing goats	10	T3= T2 +microbial feed supplementation (Bio-bloom)@3 g/day/head	Growth rate	Data recorded fortnightly interval	T1 :6.30 T2:11.14 T3 :12.35		

**** No. of farmers***

Technology Refined	*Production per unit	Net Return (Profit) in Rs. / unit	BC Ratio
12	13	14	15
T3= T2+ Spray of NPV 250 LE /ha at 30 & 60 DAG and need base spray of Quinolphos @ 1.00 lit./ha	T1 :11.60 T2:16.20 T3 :18.50	29350/- 43500/- 48750/-	2.14 3.52 3.90
T_3 Refinement:T_2 +microbial feed supplementation (Bio-bloom)@15 g/day/head	T1 :590 T2:769 T3 :791	9530/- 9859/- 9942/-	1.40 1.92 1.96
T3= T2 +microbial feed supplementation (Bio-bloom)@3 g/day/head	T1 :6.30 T2:11.14 T3 :12.35	1680/- 2530/- 2760/-	1.10/ 1.30 1.42

****Field crops – kg/ha, * for horticultural crops -= kg/t/ha, * milk and meat – litres or kg/animal, * for mushroom and vermi compost kg/unit area.***

***** Give details of the technology assessed or refined and farmer's practice***

3.2 Achievements of Frontline Demonstrations

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

List of technologies demonstrated during previous year and popularized during 2013-14 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
Year 2012-13							
1	Wheat (KVK)	Increase the crop productivity	Seed	Trainings, field days & exposure visit	2	50	20
2	Gram (RKVY)	Self sufficiency in seed	Full package	Trainings, field days & exposure visit	4	100	40
3	Gram (RKVY, IPM)	IPM technology	Full package	Trainings, field days & exposure visit		10	
4	Garlic (KVK)	Increase the crop productivity	Seed	Trainings, field days & exposure visit	1	5	0.50
Year 2013 - 14							
5	Black Gram (KVK)	Increase the crop productivity	Seed	Trainings, field days & exposure visit	1	25	10
6	Green Gram (KVK)	Increase the crop productivity	Seed	Trainings, field days & exposure visit	1	12	5
7	Maize (ISOPOM)	Increase the crop productivity	Full package	Trainings, field days & exposure visit	1	50	20
8	Sorghum (KVK)	Increase fodder productivity	Seed	Trainings, field days & exposure visit	1	7	1
9	Black Gram (IPM)	IPM technology	Full package	Trainings, field days & exposure visit	1	10	2
10	Green Gram (IPM)	IPM technology	Full package	Trainings, field days & exposure visit	1	10	2
11	Mustard(KVK)	Increase the crop productivity	Seed	Trainings, field days & exposure visit	1	50	20
12	Gram (RKVY)	Self sufficiency in seed	Full package	Trainings, field days & exposure visit	4	100	40
13	Okra (KVK)	Increase the crop productivity	Seed	Trainings, field days & exposure visit	1	17	0.20

b. Details of FLDs implemented during 2013-14 (Information is to be furnished in the following **three tables** for **each category** i.e. **cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops**.)

S.N.	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	Wheat (KVK)	Increase the crop productivity	Seed	Rabi (2012-13)	20	20	2	48	50	-----
2	Gram (RKVY)	Self sufficiency in seed	Full package	Rabi (2012-13)	40	40	17	83	100	-----
3	Gram (RKVY, IPM)	IPM technology	Full package	Rabi (2012-13)	2	2	2	8	10	-----
4	Garlic (KVK)	Increase the crop productivity	Seed	Rabi (2012-13)	0.5	0.5	1	4	5	-----
5	Black Gram (KVK)	Increase the crop productivity	Seed	Kharif (2013)	10	10	3	22	25	-----
6	Green Gram (KVK)	Increase the crop productivity	Seed	Kharif (2013)	5	5	2	10	12	-----
7	Maize (ISOPOM)	Increase the crop productivity	Full package	Kharif (2013)	15.60	15.60	4	35	39	-----
					4.40	4.40	3	8	11	-----
8	Sorghum (KVK)	Increase fodder productivity	Seed	Kharif (2013)	1	1	1	6	7	-----
9	Black Gram (IPM)	IPM technology	Full package	Kharif (2013)	2	2	2	8	10	-----
10	Green Gram (IPM)	IPM technology	Full package	Kharif (2013)	2	2	3	7	10	-----
11	Mustard (KVK)	Increase the crop productivity	Seed	Rabi (2013-14)	20	20	4	46	50	-----
12	Gram (RKVY)	Self sufficiency in seed	Full package	Rabi (2013-14)	40	40	16	84	100	-----
13	Okra (KVK)	Increase the crop productivity	Seed	Ziad (2013-14)	0.2	0.2	11	6	17	-----

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					
Wheat (KVK)	Rabi (2012-13)	Irrigated	Loamy Sandy	L	M	H	Maize	5 to 25 Dec, 12	4 to 10 Apr. 2013	28.20	3
Gram (RKVY)	Rabi (2012-13)	Irrigated	Loamy Sandy	L	M	H	Maize	20 to 26 Nov,12	24 to 28 Mar, 2013	28.20	3
Gram (RKVY, IPM)	Rabi (2012-13)	Irrigated	Loamy Sandy	L	M	H	Barley	20 to 26 Nov,12	24 to 28 Mar, 2013	28.20	3
Garlic (KVK)	Rabi (2012-13)	Irrigated	Sandy Loam	L	M	H	Maize	27 to 28 Nov,12	26 – 28 Mar., 2013	28.20	3
Black Gram (KVK)	Kharif (2013)	RF	Loamy Sandy	L	M	H	Wheat	16-19 July,13	18-24 Oct, 2013	747.20	14
Green Gram (KVK)	Kharif (2013)	RF	Sandy Loam	L	M	H	Mustard	16-19 July,13	8-14 Oct, 2013	747.20	14
Maize (ISOPOM)	Kharif (2013)	RF	Sandy Loam	L	M	H	Wheat	9–19 July, 13	21-28 Oct, 2013	747.20	14
Sorghum (KVK)	Kharif (2013)	RF	Loamy Sandy	L	M	H	Mustard	5–10 July, 13	18-22 Oct, 2013	747.20	14
Black Gram (IPM)	Kharif (2013)	RF	Loamy Sandy	L	M	H	Wheat	14-18 July,13	19-24 Oct, 2013	747.20	14
Green Gram (IPM)	Kharif (2013)	RF	Loamy Sandy	L	M	H	Mustard	17-20 July,13	11-17 Oct, 2013	747.20	14
Mustard (KVK)	Rabi (2013-14)	Irrigated	Loamy Sandy	L	M	H	Black Gram	2-10 Oct, 13	6-13 Mar, 2014	101.40	6
Gram (RKVY)	Rabi (2013-14)	Irrigated	Loamy Sandy	L	M	H	Maize	17-26 Oct, 13	22-27 Mar, 2014	101.40	6
Okra	Ziad (2013-14)	Irrigated	Loamy Sandy	L	M	H	Gram	19-20 Mar,14	----	101.10	5

Performance of FLD

Sl.No.	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Wheat (KVK)	Seed	Raj 4037	50	20	55.40	43.90	47.50	35.30	34.40	----	----
2	Gram (RKVY)	Full package	RSG 888	100	40	20.50	15.20	17.66	12.21	44.63	----	----
3	Gram (RKVY, IPM)	Full package	Chana Pratap 1	10	2	20.40	18.20	19.75	14.26	38.49	----	----
4	Garlic (KVK)	Seed	G 282	5	0.5	120.0	90.00	110.0	85.00	29.41	----	----
5	Black Gram (KVK)	Seed	PU 31	25	10	8.10	6.25	6.70	5.00	34.00	----	----
6	Green Gram (KVK)	Seed	SML 668	12	5	6.40	5.10	5.60	4.00	40.00	----	----
7	Maize (ISOPOM)	Full package	DKC7074	39	15.60	31.60	21.90	25.82	19.42	32.96	----	----
			Prabal	11	4.40	30.20	22.30	26.28	19.00	38.24	----	----
8	Sorghum Green Fodder (KVK)	Seed	SSG	7	1	780	670	720	530	35.85	----	----
9	Black Gram (IPM)	Full package	PU 31	10	2	8.60	6.30	7.45	5.27	41.37	----	----
10	Green Gram (IPM)	Full package	SML 668	10	2	6.80	5.30	6.19	4.25	45.65	----	----
11	Mustard (KVK)	Seed	Pusa Jai Kisan	20	50	Awaited					----	----
12	Gram (RKVY)	Full package	GNG 1581	40	100	Awaited					----	----
13	Okra (KVK)	Seed	Nun hems (Shakti)	17	0.20	Awaited					----	----

Glimpses of FLD's

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
23000	15800	74300	47600	51300	31800	2.23
15600	7700	67200	43000	51600	35300	3.31
16000	7700	64100	44500	48100	36800	3.01
35000	23600	220000	144500	185000	120900	5.29
14200	9800	38600	27000	24400	17200	1.72
14900	10400	44800	33700	29900	23300	2.01
17400	9500	41600	24000	24200	14500	1.39
21200	17000	90000	66250	68800	49250	3.25
14700	9800	40000	27000	25300	17200	1.72
15500	10400	46700	33700	31200	23300	2.01
Mustard	**Results are awaited**					
Gram	**Results are awaited**					

Analytical Review of component demonstrations (details of each component for rain fed / irrigated situations to be given separately for each season).

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
------	------	1. Seed/Variety	------	------	------	------
------	------	2. Bio-fertilizer	------	------	------	------
------	------	3. Fertilizer management	------	------	------	------
------	------	4. Plant Protection	------	------	------	------
------	------	5. Combination of components (Please specify)	------	------	------	------

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1 Wheat – Raj 4037	1. High yielding, bold seeded and suitable for late sown
2 Gram – RSG 888	1. Susceptible to infestation of pod borer. 2. Availability of quality seed in time. 3. Procurement policy must be liberalized.
3 Garlic - G282	1.Availability of quality seed in time.
4.Black Gram – PU 31	**1. For future Research:** Drought resistant variety should be developed, to get maximum yield under rain fed conditions.
5. Green Gram – SML 668	**2. For Development Departments: -** Intensive training programme for farmers should be organized for follow up of the latest technology introduced through demonstrations.

Farmers' reactions on specific technologies

S. No	Feed Back
1 Wheat Raj 4037	1. Farmer's appreciated this variety due to its suitability for normal and late sowing. 2. Higher no. of tillers/plant as well as higher yield than the prevailing variety. 3. The farmer likes to this variety due to bold seed size and higher in test weight.
2 Gram RSG 888	1. This variety was appreciated by farmers due to having more number of branches, and double pods. 2. Seed are attractive and brown in colour, medium in size. 3. This variety is tolerant by dry root rot and pod borer and medium tolerant to nematodes.
3 Garlic G 282	1. Bulbs are creamy white and bigger sized around 4.5 to 6.0 Cm in diameter. 2. Cloves per bulb are 15 to 16 3. Variety suitable for export and storage.
4 Black Gram PU 31	1. The variety PU 31 is more suitable for the Agro-Climatic condition of the Bhilwara district. Besides increased number of rainy days this variety performs better than the prevailing (T 9)
5 Green Gram SML 668	1. Although the variety SML 668 is suitable for this zone but due to effect of semi-looper, pod borer and increased number of rainy days reduced the yield.
6. Maize DKC 7074	1. Performed better than other prevailing variety. 2. Resistance to stem borer preferred by the farmers due to higher yield even in adverse condition like more number of rainy days.

Extension and Training activities under FLD

Sl. No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	3	1.10.13, 15.3.14 &19.3.14	287	
2	Farmers Training	5	13-15 June,13, 8.7.13, 28.9.13, 12-13 Oct & 13, 28.11.13	158	
3	Media coverage	2	17.6.13,1.10.13 & 20.03.14	----	
4	Training for extension functionaries	2	16-17 July,13 & 13-14 Aug. 13	60	

Glimpses of Trainings of FLD's

c. Details of FLD on Enterprises

(i) Farm Implements

Name of the implement	crop	No. of farmers	Area (ha)	Performance parameters /indicators	Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
					Demon.	Local check		
Rotavator	*Kharif & Rabi*	10	5	Soil tilth	----	----	-----	

(ii) Livestock, Fisheries, etc.

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of KVKs	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	Gross Cost	Gross Return	Net Return	BCR
Dairy	Conservation of green fodder	Silage making	----	5	5	Silage making	----	Results are awaited										
Cow	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Buffalo	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Poultry	Improved breed of poultry	Pratapdhan birds	----	123	123	More egg production and body weight	----	Results are awaited										
Rabbitry	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Pigerry	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Sheep and goat	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Duckery	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Others (pl.specify)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Total	----	----	----	**128**	**128**	----	----	----	----	----	----	----	----	----	----	----	----	----

Fisheries – Nil

Category	Thematic area	Name of the technology demonstrated	No. of KVKs	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	Gross Cost	Gross Return	Net Return	BCR
Common carps	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Mussels	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Ornamental fishes	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Others (pl.specify)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
	Total		----	----	----													

Other enterprises

Category	Name of the technology demonstrated	No. of KVKs	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			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
Oyster mushroom	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Button mushroom	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Vermicompost	Vermi compost & vermi culture	----	10	10	----	----	Results are awaited										
Sericulture	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Apiculture	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Others Azolla	Azolla as a supplementary feed of live stock	----	96	96	----	----	Results are awaited										
Total			**106**	**106**													

Women empowerment – Nil

Category	Name of technology	No. of KVKs	No. of demonstrations	Name of observations	Demonstration	Check
Women						
Pregnant women						
Adolescent Girl						
Other women						
Children						
Neonats						
Infants						
Children						

Farm implements and machinery

Name of the implement	Crop	Name of the technology demonstrated	No. of KVKs	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit ect.)			
						Demonstration	Check									
Rotavator	*Kharif & Rabi*	Rotavator	----	10	5	Results are awaited										

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1 Pratapdhan birds	1. Pratapdhan birds give four times higher eggs production and 70 percent more body weight as compare to local birds. 2. Pratapdhan birds are more suitable in rural climatic conditions and high capacity of disease resistance as compare to local birds.
2 Azolla	1. Azolla as a supplementary livestock feed of round the year. 2. Protein rich feed is more suitable in poultry & duck. 3. Enhance 15% milk yield in dairy animals. 4. Low cost technology.
3 Vermi compost	1. Vermi compost improved in yield of crop, vegetables and fruit plants. 2. Improve soil fertility and increase water retention capacity. 3. Improve the quality of grain, vegetable and fruits.
4 Silage	1. Fulfill the demand of green fodder during scarcity period. 2. Increase milk production of dairy animals. 3. Improves health status of dairy animals.

Farmers' reactions on specific technologies

S. No	Feed Back
1 Pratapdhan Birds	Appreciated by the farmers of pratapdhan birds due to more egg production, high body weight, brown colour of egg and size of egg.
2 Azolla	Appreciated by the farmers of Azolla fern is low cost technology of cultivation and high protein content, minerals and amino acids which improves in milk production, and health status of livestock.
3 Vermi compost	Adoption of farmers of vermi compost due to improve in soil fertility and water holding capacity.
4 Silage	Silage making is more suitable to fulfill the requirements of green fodder and increase in milk yield of dairy animals due to low cost and easily transport.

Extension and Training activities under FLD

Sl. No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	3	1.10.13, 15.3.14 &19.3.14	287	
2	Farmers Training	5	13-15 June,13, 8.7.13, 28.9.13,12-13 Oct & 13, 28.11.13	158	
3	Media coverage	2	17.6.13& 1.10.13	----	
4	Training for extension functionaries	----	----	----	

3.3 Achievements on Training (Including the sponsored, vocational, FLD and trainings under Rainwater Harvesting Unit) :

A) ON Campus

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
(A) Farmers & Farm Women										
I Crop Production										
Weed Management	2	35	17	52	4	2	6	39	19	58
Resource Conservation Technologies	----	----	----	----	----	----	----	----	----	----
Cropping Systems	----	----	----	----	----	----	----	----	----	----
Crop Diversification	----	----	----	----	----	----	----	----	----	----
Integrated Farming	----	----	----	----	----	----	----	----	----	----
Water management	----	----	----	----	----	----	----	----	----	----
Seed production	3	31	44	75	4	1	5	35	45	80
Nursery management	----	----	----	----	----	----	----	----	----	----
Integrated Crop Management	2	106	-	106	44	-	44	150	-	150
Fodder production	----	----	----	----	----	----	----	----	----	----
Production of organic inputs	----	----	----	----	----	----	----	----	----	----
II Horticulture										
a) Vegetable Crops										
Production of low volume and high value crops	1	34	-	34	16	-	16	50	-	50
Off-season vegetables	1	8	26	34	-	-	-	8	26	34
Nursery raising	----	----	----	----	----	----	----	----	----	----
Exotic vegetables like Broccoli	----	----	----	----	----	----	----	----	----	----
Export potential vegetables	1	24	10	34	----	----	----	24	10	34
Grading and standardization	----	----	----	----	----	----	----	----	----	----
Protective cultivation (Green Houses, Shade Net etc.)	1	29	----	29	13	----	13	42	-	42
b) Fruits										
Training and Pruning	----	----	----	----	----	----	----	----	----	----
Layout and Management of Orchards	1	11	10	21	----	----	----	11	10	21
Cultivation of Fruit crops	1	17	4	21	7	2	9	24	6	30
Management of young plants/orchards	----	----	----	----	----	----	----	----	----	----
Rejuvenation of old orchards	----	----	----	----	----	----	----	----	----	----

Export potential fruits	----	----	----	----	----	----	----	----	----	----
Micro irrigation systems of orchards	----	----	----	----	----	----	----	----	----	----
Plant propagation techniques	----	----	----	----	----	----	----	----	----	----
c) Ornamental Plants										
Nursery Management	----	----	----	----	----	----	----	----	----	----
Management of potted plants	----	----	----	----	----	----	----	----	----	----
Export potential of ornamental plants	----	----	----	----	----	----	----	----	----	----
Propagation techniques of Ornamental Plants	----	----	----	----	----	----	----	----	----	----
d) Plantation crops										
Production and Management technology	----	----	----	----	----	----	----	----	----	----
Processing and value addition	----	----	----	----	----	----	----	----	----	----
e) Tuber crops	----	----	----	----	----	----	----	----	----	----
Production and Management technology	----	----	----	----	----	----	----	----	----	----
Processing and value addition	----	----	----	----	----	----	----	----	----	----
f) Spices	----	----	----	----	----	----	----	----	----	----
Production and Management technology	----	----	----	----	----	----	----	----	----	----
Processing and value addition	----	----	----	----	----	----	----	----	----	----
g) Medicinal and Aromatic Plants										
Nursery management	----	----	----	----	----	----	----	----	----	----
Production and management technology	----	----	----	----	----	----	----	----	----	----
Post harvest technology and value addition	----	----	----	----	----	----	----	----	----	----
III Soil Health and Fertility Management										
Soil fertility management	----	----	----	----	----	----	----	----	----	----
Soil and Water Conservation	----	----	----	----	----	----	----	----	----	----
Integrated Nutrient Management	----	----	----	----	----	----	----	----	----	----
Production and use of organic inputs	----	----	----	----	----	----	----	----	----	----
Management of Problematic soils	----	----	----	----	----	----	----	----	----	----

Micro nutrient deficiency in crops	----	----	----	----	----	----	----	----	----	----
Nutrient Use Efficiency	----	----	----	----	----	----	----	----	----	----
Soil and Water Testing	----	----	----	----	----	----	----	----	----	----
IV Livestock Production and Management										
Dairy Management	----	----	----	----	----	----	----	----	----	----
Poultry Management	1	8	1	9	15	6	21	23	7	30
Piggery Management	----	----	----	----	----	----	----	----	----	----
Rabbit Management	----	----	----	----	----	----	----	----	----	----
Disease Management	----	----	----	----	----	----	----	----	----	----
Feed management	1	9	12	21	----	----	----	9	12	21
Production of quality animal products	2	9	2	11	29	13	42	38	15	53
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutri gardening	1	0	18	18	0	2	2	0	20	20
Design and development of low/minimum cost diet	----	----	----	----	----	----	----	----	----	----
Designing and development for high nutrient efficiency diet	----	----	----	----	----	----	----	----	----	----
Minimization of nutrient loss in processing	----	----	----	----	----	----	----	----	----	----
Gender mainstreaming through SHGs	----	----	----	----	----	----	----	----	----	----
Storage loss minimization techniques	----	----	----	----	----	----	----	----	----	----
Value addition	1	----	16	16	----	2	2	----	18	18
Income generation activities for empowerment of rural Women	2	----	35	35	----	9	9	----	44	44
Location specific drudgery reduction technologies	----	----	----	----	----	----	----	----	----	----
Rural Crafts	----	----	----	----	----	----	----	----	----	----
Women and child care	----	----	----	----	----	----	----	----	----	----

VI Agril. Engineering										
Installation and maintenance of micro irrigation systems	----	----	----	----	----	----	----	----	----	----
Use of Plastics in farming practices	----	----	----	----	----	----	----	----	----	----
Production of small tools and implements	----	----	----	----	----	----	----	----	----	----
Repair and maintenance of farm machinery and implements	1	19	6	25	2	----	2	21	----	27
Small scale processing and value addition	1	17	4	21	2	1	3	19	5	24
Post Harvest Technology	1	6	----	6	14	10	24	20	10	30
VII Plant Protection										
Integrated Pest Management	2	18	15	33	16	9	25	34	24	58
Integrated Disease Management	1	13	----	13	12	3	15	25	3	28
Bio-control of pests and diseases	----	----	----	----	----	----	----	----	----	----
Production of bio control agents and bio pesticides	----	----	----	----	----	----	----	----	----	----
VIII Fisheries										
Integrated fish farming	----	----	----	----	----	----	----	----	----	----
Carp breeding and hatchery management	----	----	----	----	----	----	----	----	----	----
Carp fry and fingerling rearing	----	----	----	----	----	----	----	----	----	----
Composite fish culture	----	----	----	----	----	----	----	----	----	----
Hatchery management and culture of freshwater prawn	----	----	----	----	----	----	----	----	----	----
Breeding and culture of ornamental fishes	----	----	----	----	----	----	----	----	----	----
Portable plastic carp hatchery	----	----	----	----	----	----	----	----	----	----
Pen culture of fish and prawn	----	----	----	----	----	----	----	----	----	----
Shrimp farming	----	----	----	----	----	----	----	----	----	----
Edible oyster farming	----	----	----	----	----	----	----	----	----	----
Pearl culture	----	----	----	----	----	----	----	----	----	----
Fish processing and value addition	----	----	----	----	----	----	----	----	----	----

IX Production of Inputs at site										
Seed Production	----	----	----	----	----	----	----	----	----	----
Planting material production	----	----	----	----	----	----	----	----	----	----
Bio-agents production	----	----	----	----	----	----	----	----	----	----
Bio-pesticides production	----	----	----	----	----	----	----	----	----	----
Bio-fertilizer production	----	----	----	----	----	----	----	----	----	----
Vermi-compost production	----	----	----	----	----	----	----	----	----	----
Organic manures production	----	----	----	----	----	----	----	----	----	----
Production of fry and fingerlings	----	----	----	----	----	----	----	----	----	----
Production of Bee-colonies and wax sheets	----	----	----	----	----	----	----	----	----	----
Small tools and implements	----	----	----	----	----	----	----	----	----	----
Production of livestock feed and fodder	----	----	----	----	----	----	----	----	----	----
Production of Fish feed	----	----	----	----	----	----	----	----	----	----
X Capacity Building and Group Dynamics										
Leadership development	----	----	----	----	----	----	----	----	----	----
Group dynamics	----	----	----	----	----	----	----	----	----	----
Formation and Management of SHGs	----	----	----	----	----	----	----	----	----	----
Mobilization of social capital	----	----	----	----	----	----	----	----	----	----
Entrepreneurial development of farmers/youths	----	----	----	----	----	----	----	----	----	----
WTO and IPR issues	----	----	----	----	----	----	----	----	----	----
XI Agro-forestry										
Production technologies	----	----	----	----	----	----	----	----	----	----
Nursery management	----	----	----	----	----	----	----	----	----	----
Integrated Farming Systems	----	----	----	----	----	----	----	----	----	----
Multi disciplinary	23	574	56	630	302	10	312	876	66	942
TOTAL	**50**	**968**	**276**	**1244**	**480**	**70**	**550**	**1448**	**346**	**1794**
(B) RURAL YOUTH										
Mushroom Production	----	----	----	----	----	----	----	----	----	----

Bee-keeping	----	----	----	----	----	----	----	----	----	----
Integrated farming	----	----	----	----	----	----	----	----	----	----
Seed production	----	----	----	----	----	----	----	----	----	----
Production of organic inputs	----	----	----	----	----	----	----	----	----	----
Integrated Farming	----	----	----	----	----	----	----	----	----	----
Planting material production	----	----	----	----	----	----	----	----	----	----
Vermi-culture	----	----	----	----	----	----	----	----	----	----
Sericulture	----	----	----	----	----	----	----	----	----	----
Protected cultivation of vegetable crops	----	----	----	----	----	----	----	----	----	----
Commercial fruit production	----	----	----	----	----	----	----	----	----	----
Repair and maintenance of farm machinery and implements	----	----	----	----	----	----	----	----	----	----
Nursery Management of Horticulture crops	----	----	----	----	----	----	----	----	----	----
Training and pruning of orchards	----	----	----	----	----	----	----	----	----	----
Value addition	----	----	----	----	----	----	----	----	----	----
Production of quality animal products	----	----	----	----	----	----	----	----	----	----
Dairying	----	----	----	----	----	----	----	----	----	----
Sheep and goat rearing	----	----	----	----	----	----	----	----	----	----
Quail farming	----	----	----	----	----	----	----	----	----	----
Piggery	----	----	----	----	----	----	----	----	----	----
Rabbit farming	----	----	----	----	----	----	----	----	----	----
Poultry production	----	----	----	----	----	----	----	----	----	----
Ornamental fisheries	----	----	----	----	----	----	----	----	----	----
Para vets	----	----	----	----	----	----	----	----	----	----
Para extension workers	----	----	----	----	----	----	----	----	----	----
Composite fish culture	----	----	----	----	----	----	----	----	----	----
Freshwater prawn culture	----	----	----	----	----	----	----	----	----	----
Shrimp farming	----	----	----	----	----	----	----	----	----	----
Pearl culture	----	----	----	----	----	----	----	----	----	----
Cold water fisheries	----	----	----	----	----	----	----	----	----	----
Fish harvest and processing technology	----	----	----	----	----	----	----	----	----	----
Fry and fingerling rearing	----	----	----	----	----	----	----	----	----	----
Small scale processing	----	----	----	----	----	----	----	----	----	----
Post Harvest Technology	----	----	----	----	----	----	----	----	----	----
Tailoring and Stitching	----	----	----	----	----	----	----	----	----	----

Rural Crafts	----	----	----	----	----	----	----	----	----	----
TOTAL	----	----	----	----	----	----	----	----	----	----
(C) Extension Personnel										
Productivity enhancement in field crops	2	56	-	56	14	-	14	70	-	70
Integrated Pest Management	2	43	-	43	17	-	17	60	-	60
Integrated Nutrient management	----	----	----	----	----	----	----	----	----	----
Rejuvenation of old orchards	----	----	----	----	----	----	----	----	----	----
Protected cultivation technology	----	----	----	----	----	----	----	----	----	----
Formation and Management of SHGs	----	----	----	----	----	----	----	----	----	----
Group Dynamics and farmers organization	----	----	----	----	----	----	----	----	----	----
Information networking among farmers	----	----	----	----	----	----	----	----	----	----
Capacity building for ICT application	----	----	----	----	----	----	----	----	----	----
Care and maintenance of farm machinery and implements	----	----	----	----	----	----	----	----	----	----
WTO and IPR issues	----	----	----	----	----	----	----	----	----	----
Management in farm animals	----	----	----	----	----	----	----	----	----	----
Livestock feed and fodder production	----	----	----	----	----	----	----	----	----	----
Household food security	----	----	----	----	----	----	----	----	----	----
Women and Child care	----	----	----	----	----	----	----	----	----	----
Low cost and nutrient efficient diet designing	----	----	----	----	----	----	----	----	----	----
Production and use of organic inputs	----	----	----	----	----	----	----	----	----	----
Gender mainstreaming through SHGs	----	----	----	----	----	----	----	----	----	----
TOTAL	**4**	**99**	**---**	**99**	**31**	**---**	**31**	**130**	**----**	**130**

Glimpses of On Campus Trainings

B) OFF Campus

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
(A) Farmers & Farm Women										
I Crop Production										
Weed Management	5	110	28	138	30	15	45	140	43	183
Resource Conservation Technologies	----	----	----	----	----	----	----	----	----	----
Cropping Systems	----	----	----	----	----	----	----	----	----	----
Crop Diversification	1	23	7	30	8	4	12	31	11	42
Integrated Farming	2	37	12	49	9	6	15	46	18	64
Water management										
Seed production	5	117	18	135	32	13	45	149	31	180
Nursery management	----	----	----	----	----	----	----	----	----	----
Integrated Crop Management	1	32	6	38	8	2	10	40	8	48
Fodder production										
Production of organic inputs	----	----	----	----	----	----	----	----	----	----
II Horticulture										
a) Vegetable Crops										
Production of low volume and high value crops	----	----	----	----	----	----	----	----	----	----
Off-season vegetables	1	15	3	18	3	6	9	18	9	27
Nursery raising	----	----	----	----	----	----	----	----	----	----
Exotic vegetables like Broccoli	----	----	----	----	----	----	----	----	----	----
Export potential vegetables	----	----	----	----	----	----	----	----	----	----
Grading and standardization	----	----	----	----	----	----	----	----	----	----
Protective cultivation (Green Houses, Shade Net etc.)	----	----	----	----	----	----	----	----	----	----
b) Fruits										
Training and Pruning	----	----	----	----	----	----	----	----	----	----
Layout and Management of Orchards	1	23	2	25	3	1	4	26	3	29
Cultivation of Fruit	2	51	13	64	10	6	16	61	19	80
Management of young plants/orchards	2	40	9	49	11	3	14	51	12	63
Rejuvenation of old orchards	----	----	----	----	----	----	----	----	----	----

Export potential fruits	----	----	----	----	----	----	----	----	----	----
Micro irrigation systems of orchards	1	12	4	16	3	6	9	15	10	25
Plant propagation techniques	1	25	6	31	7	3	10	32	9	41
c) Ornamental Plants										
Nursery Management	----	----	----	----	----	----	----	----	----	----
Management of potted plants	----	----	----	----	----	----	----	----	----	----
Export potential of ornamental plants	----	----	----	----	----	----	----	----	----	----
Propagation techniques of Ornamental Plants	----	----	----	----	----	----	----	----	----	----
d) Plantation crops										
Production and Management technology	----	----	----	----	----	----	----	----	----	----
Processing and value addition	----	----	----	----	----	----	----	----	----	----
e) Tuber crops										
Production and Management technology	----	----	----	----	----	----	----	----	----	----
Processing and value addition	----	----	----	----	----	----	----	----	----	----
f) Spices										
Production and Management technology	----	----	----	----	----	----	----	----	----	----
Processing and value addition	----	----	----	----	----	----	----	----	----	----
g) Medicinal and Aromatic Plants										
Nursery management	----	----	----	----	----	----	----	----	----	----
Production and management technology	----	----	----	----	----	----	----	----	----	----
Post harvest technology and value addition	----	----	----	----	----	----	----	----	----	----
III Soil Health and Fertility Management										
Soil fertility management	----	----	----	----	----	----	----	----	----	----
Soil and Water Conservation	----	----	----	----	----	----	----	----	----	----
Integrated Nutrient Management	----	----	----	----	----	----	----	----	----	----
Production and use of organic inputs	----	----	----	----	----	----	----	----	----	----
Management of Problematic soils	----	----	----	----	----	----	----	----	----	----

Micro nutrient deficiency in crops	----	----	----	----	----	----	----	----	----	----
Nutrient Use Efficiency	----	----	----	----	----	----	----	----	----	----
Soil and Water Testing	----	----	----	----	----	----	----	----	----	----
IV Livestock Production and Management										
Dairy Management	2	42	11	53	13	4	17	55	15	70
Poultry Management	2	42	11	53	12	5	17	54	16	70
Piggery Management	----	----	----	----	----	----	----	----	----	----
Rabbit Management	----	----	----	----	----	----	----	----	----	----
Disease Management	3	61	14	75	13	7	20	74	21	95
Feed management	4	98	15	113	27	7	34	125	22	147
Production of quality animal products	1	21	5	26	4	4	8	25	9	34
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	1	0	22	22	0	9	9	0	31	31
Design and development of low/minimum cost diet	2	0	57	57	0	13	13	0	70	70
Designing and development for high nutrient efficiency diet	----	----	----	----	----	----	----	----	----	----
Minimization of nutrient loss in processing	----	----	----	----	----	----	----	----	----	----
Gender mainstreaming through SHGs	----	----	----	----	----	----	----	----	----	----
Storage loss minimization techniques	2	45	10	55	14	4	18	59	14	73
Value addition	1	0	26	26	0	6	6	0	32	32
Income generation activities for empowerment of rural Women	----	----	----	----	----	----	----	----	----	----
Location specific drudgery reduction technologies	----	----	----	----	----	----	----	----	----	----
Rural Crafts	----	----	----	----	----	----	----	----	----	----

Women and child care	1	0	23	23	0	6	6	0	29	29
VI Agril. Engineering										
Installation and maintenance of micro irrigation systems	1	29	4	33	6	0	6	35	4	39
Use of Plastics in farming practices	1	29	6	35	7	1	8	36	7	43
Production of small tools and implements	----	----	----	----	----	----	----	----	----	----
Repair and maintenance of farm machinery and implements	3	62	17	79	20	3	23	82	20	102
Small scale processing and value addition	2	43	10	53	11	2	13	54	12	66
Post Harvest Technology	5	113	20	133	30	7	37	143	27	170
VII Plant Protection										
Integrated Pest Management	7	151	24	175	43	9	52	194	33	227
Integrated Disease Management	3	73	10	83	15	8	23	88	18	106
Bio-control of pests and diseases	----	----	----	----	----	----	----	----	----	----
Production of bio control agents and bio pesticides	----	----	----	----	----	----	----	----	----	----
VIII Fisheries										
Integrated fish farming	----	----	----	----	----	----	----	----	----	----
Carp breeding and hatchery management	----	----	----	----	----	----	----	----	----	----
Carp fry and fingerling rearing	----	----	----	----	----	----	----	----	----	----
Composite fish culture	----	----	----	----	----	----	----	----	----	----
Hatchery management and culture of freshwater prawn	----	----	----	----	----	----	----	----	----	----
Breeding and culture of ornamental fishes	----	----	----	----	----	----	----	----	----	----
Portable plastic carp hatchery	----	----	----	----	----	----	----	----	----	----
Pen culture of fish and prawn	----	----	----	----	----	----	----	----	----	----
Shrimp farming	----	----	----	----	----	----	----	----	----	----
Edible oyster	----	----	----	----	----	----	----	----	----	----

farming										
Pearl culture	----	----	----	----	----	----	----	----	----	----
Fish processing and value addition	----	----	----	----	----	----	----	----	----	----
IX Production of Inputs at site										
Seed Production	----	----	----	----	----	----	----	----	----	----
Planting material production	----	----	----	----	----	----	----	----	----	----
Bio-agents production	----	----	----	----	----	----	----	----	----	----
Bio-pesticides production	----	----	----	----	----	----	----	----	----	----
Bio-fertilizer production	----	----	----	----	----	----	----	----	----	----
Vermi-compost production	----	----	----	----	----	----	----	----	----	----
Organic manures production	----	----	----	----	----	----	----	----	----	----
Production of fry and fingerlings	----	----	----	----	----	----	----	----	----	----
Production of Bee-colonies and wax sheets	----	----	----	----	----	----	----	----	----	----
Small tools and implements	----	----	----	----	----	----	----	----	----	----
Production of livestock feed and fodder	----	----	----	----	----	----	----	----	----	----
Production of Fish feed	----	----	----	----	----	----	----	----	----	----
X Capacity Building and Group Dynamics										
Leadership development	----	----	----	----	----	----	----	----	----	----
Group dynamics	----	----	----	----	----	----	----	----	----	----
Formation and Management of SHGs	----	----	----	----	----	----	----	----	----	----
Mobilization of social capital	----	----	----	----	----	----	----	----	----	----
Entrepreneurial development of farmers/youths	----	----	----	----	----	----	----	----	----	----
WTO and IPR issues	----	----	----	----	----	----	----	----	----	----
XI Agro-forestry										
Production technologies	----	----	----	----	----	----	----	----	----	----
Nursery management	----	----	----	----	----	----	----	----	----	----
Integrated Farming Systems	----	----	----	----	----	----	----	----	----	----
TOTAL	**63**	**1294**	**393**	**1687**	**339**	**160**	**499**	**1633**	**553**	**2186**
(B) RURAL YOUTH										

Mushroom Production	----	----	----	----	----	----	----	----	----	----
Bee-keeping	----	----	----	----	----	----	----	----	----	----
Integrated farming	----	----	----	----	----	----	----	----	----	----
Seed production	----	----	----	----	----	----	----	----	----	----
Production of organic inputs	----	----	----	----	----	----	----	----	----	----
Integrated Farming	----	----	----	----	----	----	----	----	----	----
Planting material production	----	----	----	----	----	----	----	----	----	----
Vermi-culture	----	----	----	----	----	----	----	----	----	----
Sericulture	----	----	----	----	----	----	----	----	----	----
Protected cultivation of vegetable crops	----	----	----	----	----	----	----	----	----	----
Commercial fruit production	----	----	----	----	----	----	----	----	----	----
Repair and maintenance of farm machinery and implements	----	----	----	----	----	----	----	----	----	----
Nursery Management of Horticulture crops	----	----	----	----	----	----	----	----	----	----
Training and pruning of orchards	----	----	----	----	----	----	----	----	----	----
Value addition	----	----	----	----	----	----	----	----	----	----
Production of quality animal products	----	----	----	----	----	----	----	----	----	----
Dairying	----	----	----	----	----	----	----	----	----	----
Sheep and goat rearing	----	----	----	----	----	----	----	----	----	----
Quail farming	----	----	----	----	----	----	----	----	----	----
Piggery	----	----	----	----	----	----	----	----	----	----
Rabbit farming	----	----	----	----	----	----	----	----	----	----
Poultry production	----	----	----	----	----	----	----	----	----	----
Ornamental fisheries	----	----	----	----	----	----	----	----	----	----
Para vets	----	----	----	----	----	----	----	----	----	----
Para extension workers	----	----	----	----	----	----	----	----	----	----
Composite fish culture	----	----	----	----	----	----	----	----	----	----
Freshwater prawn culture	----	----	----	----	----	----	----	----	----	----
Shrimp farming	----	----	----	----	----	----	----	----	----	----
Pearl culture	----	----	----	----	----	----	----	----	----	----
Cold water fisheries	----	----	----	----	----	----	----	----	----	----
Fish harvest and processing technology	----	----	----	----	----	----	----	----	----	----
Fry and fingerling rearing	----	----	----	----	----	----	----	----	----	----
Small scale processing	----	----	----	----	----	----	----	----	----	----
Post Harvest Technology	----	----	----	----	----	----	----	----	----	----
Tailoring and	----	----	----	----	----	----	----	----	----	----

Stitching										
Rural Crafts	----	----	----	----	----	----	----	----	----	----
TOTAL	----	----	----	----	----	----	----	----	----	----
(C) Extension Personnel										
Productivity enhancement in field crops	----	----	----	----	----	----	----	----	----	----
Integrated Pest Management	----	----	----	----	----	----	----	----	----	----
Integrated Nutrient management	----	----	----	----	----	----	----	----	----	----
Rejuvenation of old orchards	----	----	----	----	----	----	----	----	----	----
Protected cultivation technology	----	----	----	----	----	----	----	----	----	----
Formation and Management of SHGs	----	----	----	----	----	----	----	----	----	----
Group Dynamics and farmers organization	----	----	----	----	----	----	----	----	----	----
Information networking among farmers	----	----	----	----	----	----	----	----	----	----
Capacity building for ICT application	----	----	----	----	----	----	----	----	----	----
Care and maintenance of farm machinery and implements	----	----	----	----	----	----	----	----	----	----
WTO and IPR issues	----	----	----	----	----	----	----	----	----	----
Management in farm animals	----	----	----	----	----	----	----	----	----	----
Livestock feed and fodder production	----	----	----	----	----	----	----	----	----	----
Household food security	----	----	----	----	----	----	----	----	----	----
Women and Child care	----	----	----	----	----	----	----	----	----	----
Low cost and nutrient efficient diet designing	----	----	----	----	----	----	----	----	----	----
Production and use of organic inputs	----	----	----	----	----	----	----	----	----	----
Gender mainstreaming through SHGs	----	----	----	----	----	----	----	----	----	----
TOTAL	**63**	**1294**	**393**	**1687**	**339**	**160**	**499**	**1633**	**553**	**2186**

Glimpses of Off Campus Trainings

C) Consolidated table (ON and OFF Campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
(A) Farmers & Farm Women	------	------	------	------	------	------	------	------	------	------
I Crop Production	------	------	------	------	------	------	------	------	------	------
Weed Management	7	145	45	190	34	17	51	179	62	241
Resource Conservation Technologies	------	------	------	------	------	------	------	------	------	------
Cropping Systems	------	------	------	------	------	------	------	------	------	------
Crop Diversification	1	23	7	30	8	4	12	31	11	42
Integrated Farming	2	37	12	49	9	6	15	46	18	64
Water management										
Seed production	8	148	62	210	36	14	50	184	76	260
Nursery management	------	------	------	------	------	------	------	------	------	------
Integrated Crop Management	3	138	6	144	52	2	54	190	8	198
Fodder production										
Production of organic inputs	------	------	------	------	------	------	------	------	------	------
II Horticulture	------	------	------	------	------	------	------	------	------	------
a) Vegetable Crops										
Production of low volume and high value crops	1	34	0	34	16	0	16	50	0	50
Off-season vegetables	2	23	29	52	3	6	9	26	35	61
Nursery raising	------	------	------	------	------	------	------	------	------	------
Exotic vegetables like Broccoli	------	------	------	------	------	------	------	------	------	------
Export potential vegetables	1	24	10	34	0	0	0	24	10	34
Grading and standardization	------	------	------	------	------	------	------	------	------	------
Protective cultivation (Green Houses, Shade Net etc.)	1	29	0	29	13	0	13	42	0	42
b) Fruits										
Training and Pruning	------	------	------	------	------	------	------	------	------	------
Layout and Management of Orchards	2	34	12	46	3	1	4	37	13	50
Cultivation of Fruit	3	68	17	85	17	8	25	85	25	110
Management of young plants/orchards	2	40	9	49	11	3	14	51	12	63
Rejuvenation of old orchards	------	------	------	------	------	------	------	------	------	------
Export potential fruits	------	------	------	------	------	------	------	------	------	------
Micro irrigation systems of orchards	1	12	4	16	3	6	9	15	10	25

Plant propagation techniques	1	25	6	31	7	3	10	32	9	41
c) Ornamental Plants	----	-----	-----	-----	-----	----	-----	-----	-----	------
Nursery Management	------	-----	------	-----	-----	----	-----	-----	-----	------
Management of potted plants	----	-----	-----	-----	-----	----	-----	-----	-----	------
Export potential of ornamental plants	----	-----	-----	-----	-----	----	-----	-----	-----	------
Propagation techniques of Ornamental Plants	----	-----	-----	-----	-----	----	-----	-----	-----	------
d) Plantation crops										
Production and Management technology	----	-----	-----	-----	-----	----	-----	-----	-----	------
Processing and value addition	----	-----	-----	-----	-----	----	-----	-----	-----	------
e) Tuber crops	----	-----	-----	-----	-----	----	-----	-----	-----	------
Production and Management technology	----	-----	-----	-----	-----	----	-----	-----	-----	------
Processing and value addition	----	-----	-----	-----	-----	----	-----	-----	-----	------
f) Spices										
Production and Management technology	----	-----	-----	-----	-----	----	-----	-----	-----	------
Processing and value addition	----	-----	-----	-----	-----	----	-----	-----	-----	------
g) Medicinal and Aromatic Plants										
Nursery management	----	-----	-----	-----	-----	----	-----	-----	-----	------
Production and management technology	----	-----	-----	-----	-----	----	-----	-----	-----	------
Post harvest technology and value addition	----	-----	-----	-----	-----	----	-----	-----	-----	------
III Soil Health and Fertility Management										
Soil fertility management	----	-----	-----	-----	-----	----	-----	-----	-----	------
Soil and Water Conservation	----	-----	-----	-----	-----	----	-----	-----	-----	------
Integrated Nutrient Management	----	-----	-----	-----	-----	----	-----	-----	-----	------
Production and use of organic inputs	----	-----	-----	-----	-----	----	-----	-----	-----	------
Management of Problematic soils	----	-----	-----	-----	-----	----	-----	-----	-----	------
Micro nutrient deficiency in crops	----	-----	-----	-----	-----	----	-----	-----	-----	------
Nutrient Use Efficiency	----	-----	-----	-----	-----	----	-----	-----	-----	------

Soil and Water Testing	----	-----	-----	-----	-----	----	-----	-----	-----	------
IV Livestock Production and Management										
Dairy Management	2	42	11	53	13	4	17	55	15	70
Poultry Management	3	50	12	62	27	11	38	77	23	100
Piggery Management	----	-----	-----	-----	-----	----	-----	-----	-----	------
Rabbit Management	----	-----	-----	-----	-----	----	-----	-----	-----	------
Disease Management	3	61	14	75	13	7	20	74	21	95
Feed management	5	107	27	134	27	7	34	134	34	168
Production of quality animal products	3	30	7	37	33	17	50	63	24	87
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	2	0	40	40	0	11	11	0	51	51
Design and development of low/minimum cost diet	2	0	57	57	0	13	13	0	70	70
Designing and development for high nutrient efficiency diet	----	-----	-----	-----	-----	----	-----	-----	-----	------
Minimization of nutrient loss in processing	----	-----	-----	-----	-----	----	-----	-----	-----	------
Gender mainstreaming through SHGs	----	-----	-----	-----	-----	----	-----	-----	-----	------
Storage loss minimization techniques	2	45	10	55	14	4	18	59	14	73
Value addition	2	0	42	42	0	8	8	0	50	50
Income generation activities for empowerment of rural Women	2	0	35	35	0	9	9	0	44	44
Location specific drudgery reduction technologies	----	-----	-----	-----	-----	----	-----	-----	-----	------
Rural Crafts										
Women and child care	1	0	23	23	0	6	6	0	29	29
VI Agril. Engineering										
Installation and maintenance of micro irrigation systems	1	29	4	33	6	0	6	35	4	39

Use of Plastics in farming practices	1	29	6	35	7	1	8	36	7	43
Production of small tools and implements	----	-----	-----	-----	-----	----	-----	-----	-----	------
Repair and maintenance of farm machinery and implements	4	81	23	104	22	3	25	103	26	129
Small scale processing and value addition	3	60	14	74	13	3	16	73	17	90
Post Harvest Technology	6	119	20	139	44	17	61	163	37	200
VII Plant Protection										
Integrated Pest Management	9	169	39	208	59	18	77	228	57	285
Integrated Disease Management	4	86	10	96	27	11	38	113	21	134
Bio-control of pests and diseases	----	-----	-----	-----	-----	----	-----	-----	-----	------
Production of bio control agents and bio pesticides	----	-----	-----	-----	-----	----	-----	-----	-----	------
VIII Fisheries										
Integrated fish farming	----	-----	-----	-----	-----	----	-----	-----	-----	------
Carp breeding and hatchery management	----	-----	-----	-----	-----	----	-----	-----	-----	------
Carp fry and fingerling rearing	----	-----	-----	-----	-----	----	-----	-----	-----	------
Composite fish culture	----	-----	-----	-----	-----	----	-----	-----	-----	------
Hatchery management and culture of freshwater prawn	----	-----	-----	-----	-----	----	-----	-----	-----	------
Breeding and culture of ornamental fishes	----	-----	-----	-----	-----	----	-----	-----	-----	------
Portable plastic carp hatchery	----	-----	-----	-----	-----	----	-----	-----	-----	------
Pen culture of fish and prawn	----	-----	-----	-----	-----	----	-----	-----	-----	------
Shrimp farming	----	-----	-----	-----	-----	----	-----	-----	-----	------
Edible oyster farming	----	-----	-----	-----	-----	----	-----	-----	-----	------
Pearl culture	----	-----	-----	-----	-----	----	-----	-----	-----	------
Fish processing and value addition	----	-----	-----	-----	-----	----	-----	-----	-----	------
IX Production of Inputs at site										
Seed Production	----	-----	-----	-----	-----	----	-----	-----	-----	------
Planting material production	----	-----	-----	-----	-----	----	-----	-----	-----	------

Bio-agents production	----	-----	-----	-----	-----	----	-----	-----	-----	------
Bio-pesticides production	----	-----	-----	-----	-----	----	-----	-----	-----	------
Bio-fertilizer production	----	-----	-----	-----	-----	----	-----	-----	-----	------
Vermi-compost production	----	-----	-----	-----	-----	----	-----	-----	-----	------
Organic manures production	----	-----	-----	-----	-----	----	-----	-----	-----	------
Production of fry and fingerlings	----	-----	-----	-----	-----	----	-----	-----	-----	------
Production of Bee-colonies and wax sheets	----	-----	-----	-----	-----	----	-----	-----	-----	------
Small tools and implements	----	-----	-----	-----	-----	----	-----	-----	-----	------
Production of livestock feed and fodder	----	-----	-----	-----	-----	----	-----	-----	-----	------
Production of Fish feed	----	-----	-----	-----	-----	----	-----	-----	-----	------
X Capacity Building and Group Dynamics										
Leadership development	----	-----	-----	-----	-----	----	-----	-----	-----	------
Group dynamics	----	-----	-----	-----	-----	----	-----	-----	-----	------
Formation and Management of SHGs	----	-----	-----	-----	-----	----	-----	-----	-----	------
Mobilization of social capital	----	-----	-----	-----	-----	----	-----	-----	-----	------
Entrepreneurial development of farmers/youths	----	-----	-----	-----	-----	----	-----	-----	-----	------
WTO and IPR issues	----	-----	-----	-----	-----	----	-----	-----	-----	------
XI Agro-forestry	----	-----	-----	-----	-----	----	-----	-----	-----	------
Production technologies	----	-----	-----	-----	-----	----	-----	-----	-----	------
Nursery management	----	-----	-----	-----	-----	----	-----	-----	-----	------
Integrated Farming Systems	----	-----	-----	-----	-----	----	-----	-----	-----	------
Multi disciplinary	23	574	56	630	302	10	312	876	66	942
TOTAL	**113**	**2262**	**669**	**2931**	**819**	**230**	**1049**	**3081**	**899**	**3980**
(B) RURAL YOUTH										
Mushroom Production	----	-----	-----	-----	-----	----	-----	-----	-----	------
Bee-keeping	----	-----	-----	-----	-----	----	-----	-----	-----	------
Integrated farming	----	-----	-----	-----	-----	----	-----	-----	-----	------
Seed production	----	-----	-----	-----	-----	----	-----	-----	-----	------
Production of organic inputs	----	-----	-----	-----	-----	----	-----	-----	-----	------
Integrated Farming	------	------	------	------	------	------	------	------	------	------

Planting material production										
Vermi-culture	----	-----	-----	-----	-----	----	-----	-----	-----	------
Sericulture	----	-----	-----	-----	-----	----	-----	-----	-----	------
Protected cultivation of vegetable crops	----	-----	-----	-----	-----	----	-----	-----	-----	------
Commercial fruit production	----	-----	-----	-----	-----	----	-----	-----	-----	------
Repair and maintenance of farm machinery and implements	----	-----	-----	-----	-----	----	-----	-----	-----	------
Nursery Management of Horticulture crops	----	-----	-----	-----	-----	----	-----	-----	-----	------
Training and pruning of orchards	----	-----	-----	-----	-----	----	-----	-----	-----	------
Value addition	----	-----	-----	-----	-----	----	-----	-----	-----	------
Production of quality animal products	----	-----	-----	-----	-----	----	-----	-----	-----	------
Dairying	----	-----	-----	-----	-----	----	-----	-----	-----	------
Sheep and goat rearing	----	-----	-----	-----	-----	----	-----	-----	-----	------
Quail farming	----	-----	-----	-----	-----	----	-----	-----	-----	------
Piggery	----	-----	-----	-----	-----	----	-----	-----	-----	------
Rabbit farming	----	-----	-----	-----	-----	----	-----	-----	-----	------
Poultry production	----	-----	-----	-----	-----	----	-----	-----	-----	------
Ornamental fisheries	----	-----	-----	-----	-----	----	-----	-----	-----	------
Para vets	----	-----	-----	-----	-----	----	-----	-----	-----	------
Para extension workers	----	-----	-----	-----	-----	----	-----	-----	-----	------
Composite fish culture	----	-----	-----	-----	-----	----	-----	-----	-----	------
Freshwater prawn culture	----	-----	-----	-----	-----	----	-----	-----	-----	------
Shrimp farming	----	-----	-----	-----	-----	----	-----	-----	-----	------
Pearl culture	----	-----	-----	-----	-----	----	-----	-----	-----	------
Cold water fisheries	----	-----	-----	-----	-----	----	-----	-----	-----	------
Fish harvest and processing technology	----	-----	-----	-----	-----	----	-----	-----	-----	------
Fry and fingerling rearing	----	-----	-----	-----	-----	----	-----	-----	-----	------
Small scale processing	----	-----	-----	-----	-----	----	-----	-----	-----	------
Post Harvest Technology	----	-----	-----	-----	-----	----	-----	-----	-----	------
Tailoring and Stitching	----	-----	-----	-----	-----	----	-----	-----	-----	------
Rural Crafts	----	-----	-----	-----	-----	----	-----	-----	-----	------
TOTAL	----	-----	-----	-----	-----	----	-----	-----	-----	------
(C) Extension Personnel										
Productivity enhancement in field crops	2	56	-	56	14	-	14	70	-	70

Integrated Pest Management	2	43	-----	43	17	-----	17	60	-----	60
Integrated Nutrient management	----	-----	-----	-----	-----	----	-----	-----	-----	------
Rejuvenation of old orchards	----	-----	-----	-----	-----	----	-----	-----	-----	------
Protected cultivation technology	----	-----	-----	-----	-----	----	-----	-----	-----	------
Formation and Management of SHGs	----	-----	-----	-----	-----	----	-----	-----	-----	------
Group Dynamics and farmers organization	----	-----	-----	-----	-----	----	-----	-----	-----	------
Information networking among farmers	----	-----	-----	-----	-----	----	-----	-----	-----	------
Capacity building for ICT application	----	-----	-----	-----	-----	----	-----	-----	-----	------
Care and maintenance of farm machinery and implements	----	-----	-----	-----	-----	----	-----	-----	-----	------
WTO and IPR issues	----	-----	-----	-----	-----	----	-----	-----	-----	------
Management in farm animals	----	-----	-----	-----	-----	----	-----	-----	-----	------
Livestock feed and fodder production	----	-----	-----	-----	-----	----	-----	-----	-----	------
Household food security	----	-----	-----	-----	-----	----	-----	-----	-----	------
Women and Child care	----	-----	-----	-----	-----	----	-----	-----	-----	------
Low cost and nutrient efficient diet designing	----	-----	-----	-----	-----	----	-----	-----	-----	------
Production and use of organic inputs	----	-----	-----	-----	-----	----	-----	-----	-----	------
Gender mainstreaming through SHGs	----	-----	-----	-----	-----	----	-----	-----	-----	------
TOTAL	**4**	**99**	**---**	**99**	**31**	**---**	**31**	**130**	**----**	**130**

Details of above training programmes as Annexure in the proforma given below

Date	Clientele	Title of the training programme	Discipline	Thematic area	Duration in days	Venue (Off / On Campus)	Number of other participants			Number of SC/ST			Total number of participants		
							Male	Female	Total	Male	Female	Total	Male	Female	Total
06.04.13	F & FW	Safe handling of power thresher	Ag. Engg.	Farm Implement	1	Off	22	5	27	6	2	8	28	7	35
16.04.13	F & FW	Improved variety and fertilizer management in cotton	C.P.	Improved variety	1	Off	19	6	25	7	2	9	26	8	34
18.04.13	F	Importance and method of summer ploughing	C.P.	In -situ water harvesting	1	Off	24	-	24	7	-	7	31	-	31
27.04.13	F & FW	Safe grain stores	H. Sc.	Storage	1	Off	21	7	28	8	2	10	29	9	38
04.5.13	F & FW	Digging of pits & layout of orchard	Horti	Orchard	1	Off	23	2	25	3	1	4	26	3	29
06.5.13	F & FW	Safe grain stores	H. Sc.	Storage	1	Off	24	3	27	6	2	8	30	5	35
07.5.13	F & FW	Seed treatment in groundnut, black gram and soybean	P.P.	PP measures	1	Off	19	3	22	5	1	6	24	4	28
09.5.13	F & FW	Management in dairy animals in scarcity period	A.P.	Dairy Management	1	Off	20	3	23	7	2	9	27	5	32
15.5.13	F & FW	Plant protection in Cotton	P.P.	PP measures	1	Off	22	1	23	6	-	6	28	1	29
15-17 May, 13	FW	Preservation and value addition of raw & ripe mango	H.Sc.	PHT	3	On	-	16	16	-	2	2	-	18	18
16-18 May, 13	F & FW	Introduction of small tools and implements	Ag. Engg.	Farm implements	3	On	19	6	25	2	-	2	21	6	27
16-18 May, 13	F & FW	Seed production technology of Black gram	C.P.	Seed production	3	On	17	12	29	-	1	1	17	13	30
18.5.13	F & FW	Seed production technology of maize and cluster bean	C.P.	Seed production	1	Off	17	3	20	5	-	5	22	3	25
20.5.13	F	JCB – KVK, Sunhara Kal	Multi	Farm implement	1	On	32	-	32	17	-	17	49	-	49
20-22	F & FW	Layout,	Horti.	Orchard	3	On	11	10	21	-	-	-	21	-	21

May, 13		Plantation and management of Orchard													
20-22 May, 13	F & FW	Nutrition and health management of Dairy Animals	A.P.	Dairy Management	3	On	9	12	21	-	-	-	21	-	21
23.05.13	F & FW	Techniques for rain water harvesting	Ag. Engg.	Scaling up of water	1	Off	12	8	20	7	2	9	19	10	29
25.05.13	F & FW	Management of HS and FMD in Animals	A.P.	Dairy Management	1	Off	19	7	26	4	3	7	23	10	33
10.6.13	F & FW	Techniques of green fodder production	C.P.	Fodder Production	1	Off	17	4	21	3	3	6	20	7	27
13-15 June, 13	F & FW	Integrated weed management in major *Kharif* cereals, oilseed and pulses	C.P.	IWM	3	On	12	12	24	-	-	-	24	-	24
17.06.13	F & FW	Seed production technology of Maize	C.P.	Seed Production	1	Off	21	6	27	6	4	10	27	10	37
18.06.13	F & FW	Seed treatment of Maize and Black gram	C.P.	PP measures	1	Off	20	4	24	5	3	8	25	7	32
26.06.13	F	Seed Production technology of green gram	C.P.	Seed Production	1	Off	34	-	34	8	-	8	42	-	42
27.06.13	FW	Value addition of Mango	H.Sc.	PHT	1	Off	-	26	26	-	6	6	-	32	32
02.07.13	F & FW	Integrated nutrient management in Ber and Aonla	Horti	INM	1	Off	27	8	35	6	4	10	33	12	45
02.07.13	F & FW	Use of wheel hoe in weed management	Ag. Engg.	Farm implement	1	Off	23	4	27	5	-	4	28	4	32
03.07.13	F & FW	Vermi Composting	P.P.	Composting	1	Off	19	5	24	6	-	6	25	5	30
06.07.13	F & FW	Vaccination and health management in animals	A.P.	Care & Management	1	Off	21	2	23	7	-	7	28	2	30
08.07.13	F & FW	Weed management in Kharif crops	C.P.	IWM	1	Off	24	3	27	4	2	6	28	5	33

09.07.13	F & FW	IPM management in Maize and Cluster bean	P.P.	PP measures	1	Off	26	3	29	5	1	6	31	4	35
10.07.13	F & FW	Techniques of rain water harvesting	Ag. Engg.	Rain water harvesting	1	Off	17	4	21	4	-	4	21	4	25
16-17 July, 13	F & FW	IPM modules to increase the productivity of pulses at farmers field	P.P.	PP measures	2	On	14	2	16	7	5	12	21	7	28
17.07.13	F & FW	Azolla supplementation	A.P.	Feed & Fodder Mgt.	1	Off	16	3	19	6	-	6	22	3	25
24.07.13	FW	Clean drinking water	H.Sc.	Hygienic	1	Off	-	23	23	-	6	6	-	29	29
03.08.13	F& FW	Plant protection majors in *Kharif* pulses	P.P.	PP measures	1	Off	27	5	32	7	3	10	34	8	42
12.08.13	F& FW	Integrated plant nutrient management in Maize and Cluster bean	C.P.	INM	1	Off	32	6	38	8	2	10	40	8	48
13 to 14 Aug, 13	F& FW	IPM Technology to Enhance the Productivity of *Kharif* pulses	P.P.	IPM	2	On	16	6	22	7	3	10	23	9	32
14.08.13	F& FW	Water management in *Kharif* pulses	Ag. Engg.	Water Mgt.	1	Off	29	6	35	7	1	8	36	7	43
16 to17 August, 13	F	Improved cultivation technology of *Kharif* pulses	Multi	Production tech.	2	On	40	-	40	9	-	9	49	-	49
17.08.13	F& FW	Weed management in *Kharif* pulses	C.P.	IWM	1	Off	24	6	30	6	3	9	30	9	39
23.8.13	F& FW	Propagation techniques of fruit crops.	Horti	Nursery Mgt.	1	Off	25	6	31	7	3	10	32	9	41
26-27 Aug,13	F	Improved cultivation techniques of *Kharif* oilseed crops	Multi	Production tech.	2	On	-	31	31	-	12	12	-	43	43
29-31 Aug,13	F& FW	Tips of backyard poultry and	A.P.	Poultry rearing	3	On	8	1	9	15	6	21	23	7	30

		improvement in poor quality roughage and feed processing techniques.													
29-31 Aug,13	F& FW	Safe grain storage and integrated disease and pest management in cotton.	P.P.	PP measures	3	On	9	6	15	10	8	18	19	14	33
30.08.13	FW	Low cost nutritious diet for family with special reference to infants.	H.Sc.	Nutritional mgt.	1	Off	-	30	30	-	8	8	-	38	38
30-31 Aug,13	F	Improved cultivation techniques of *Kharif* cereals	Multi	Production tech.	2	On	-	50	50	-	11	11	-	61	61
03-04 Sept, 13	F	Improved cultivation techniques of *Kharif* cereals	Multi	Production tech.	2	On	-	37	37	-	3	3	-	40	40
09-13 Sept, 13	F	INSIMP	Multi	PHT	5	On	-	44	44	-	6	6	-	50	50
11.09.13	F& FW	Soil moisture conservation techniques.	Ag. Engg.	Water harvesting	1	Off	25	4	29	8	2	10	33	6	39
12.09.13	F& FW	PP measure in *Kharif* pulses.	P.P.	Pp measures	1	Off	27	-	27	6	3	9	33	3	36
12-13 Sept, 13	F	Improved cultivation techniques of *Kharif* oilseed crops	Multi	Production tech.	2	On	-	25	25	-	13	13	-	38	38
13.09.13	FW	Importance of vegetables in human diet.	H.Sc.	Veg. production	1	Off	-	27	27	-	5	5	-	32	32
16-17 Sept, 13	F& FW	Integrated cotton production programme	C.P.	Production tech.	2	On	18	4	22	6	2	8	20	10	30
16-17 Sept, 13	F	Improved cultivation techniques of *Kharif* pulses	Multi	Production tech.	2	On	-	36	36	-	13	13	-	49	49
16-20 Sept,13	FW	Vocational training on clay art	H. Sc.	Entrepreneurship	5	On	-	17	17	-	6	6	-	23	23
17-19 Sept,13	F	Tips of backyard poultry and	A.P.	Poultry	3	On	3	-	3	26	-	26	29	-	29

		commercial poultry production.													
18-19 Sept, 13	F& FW	Integrated cotton production programme	C.P.	Production tech.	2	On	22	4	26	3	1	4	25	5	30
19-20 Sept,13	F	Integrated farming system	Multi	IFS	2	On	-	18	18	-	15	15	-	33	33
18-20 Sept,13	F& FW	Farm mechanization and role in crop productivity enhancement.	Ag. Engg.	Farm mechanization	3	On	6	-	6	14	10	24	20	10	30
19-21 Sept,13	F& FW	Integrated pest and disease management in *Kharif* crops.	P.P.	IPM	3	On	13	-	13	12	3	15	25	3	28
24-25 Sept,13	FW	Integrated farming system	Multi	IFS	2	On	-	50	50	-	8	8	-	58	58
26-27 Sept,13	FW	Bajra production and value addition	Multi	Production tech. & PHT	2	On	-	36	36	-	2	2	-	38	38
28.09.13	F & FW	Seed and Soil treatment in wheat, Mustard & Gram	C.P.	PP measures	1	Off	23	7	30	8	4	12	31	11	42
03-04 Oct, 13	F & FW	Improved cultivation techniques of *Rabi* vegetables	Multi	Production tech.	2	On	28	9	37	9	4	13	37	13	50
07-08 Oct, 13	F	Improved cultivation techniques of *Rabi* cereals	Multi	Production tech.	2	On	33	-	33	15	-	15	48	-	48
10.10.13	F & FW	Importance of vaccination and de worming in animals	A.P.	Care & mgt.	1	Off	27	2	29	6	1	7	33	3	36
11.10.13	F & FW	Nutrient and weed management in Aonla & Ber	Horti.	INM & IWM	1	Off	24	5	29	4	2	6	28	7	35
12-13 Oct,13	F & FW	Improved cultivation techniques of *Rabi* pulses	C.P.	Production tech.	2	On	72	-	72	28	-	28	100	-	100
17-18	F	Improved	Multi	Production	2	On	21	-	21	17	-	17	38	-	38

Oct, 13		cultivation techniques of *Rabi* oilseed crops		tech.											
19.10.13	F & FW	Advantage of seed cum fertilizer drill in sowing	Ag. Engg.	Farm implement	1	Off	24	6	30	7	1	8	31	7	38
19.10.13	FW	Importance of Kitchen gardening in nutritional security	H. Sc.	Nutritional garden	1	Off	-	22	22	-	9	9	-	31	31
24-25 Oct,13	F & FW	Improved cultivation techniques of *Rabi* pulse crops	Multi.	Production tech.	2	On	16	1	17	22	2	24	38	3	41
26.10.13	F & FW	Use of Garlic planter in sowing	Ag. Engg.	Production tech.	1	Off	26	6	32	7	2	9	33	8	41
29.10. 13	F & FW	Weed management in Mustard and Gram	C.P.	IWM	1	Off	19	5	24	6	4	10	25	9	34
8.11. 13	F & FW	Role of plant growth regulators in fruit plants	Horti.	Orchard mgt.	1	Off	18	4	22	6	2	8	24	6	30
11-12 Nov, 13	F	Improved cultivation techniques of *Rabi* crops	Multi.	Production tech.	2	On	4	-	4	16	-	16	20	-	20
14.11. 13	F & FW	PP measures in Gram & Cumin	P.P.	PP measures	1	Off	22	5	27	8	2	10	30	7	37
22.11.13	F & FW	Use of wheel hoe for weed management in oil seed and pulses	Ag. Engg.	Weed mgt.	1	Off	23	4	27	5	-	5	28	4	32
28.11.13	F & FW	Seed production technology of Gram, Mustard and Cumin	C.P.	Production tech.	1	Off	16	5	21	4	3	7	20	8	28
30.11.13	F & FW	Methods and scheduling of irrigation in orchards	Horti.	Water mgt.	1	Off	12	4	16	3	6	9	15	10	25
07.12.13	F & FW	Vermi composting and Azolla	A.P.	Composting	1	Off	21	5	26	4	4	8	25	9	34
11.12.13	F & FW	Fertilizer management in *Rabi* crops	C.P.	INM	1	Off	18	6	24	2	4	6	20	10	30

16-18 Dec, 13	F & FW	Integrated nutrient and weed management in *Rabi* crops	C.P.	INM & IWM	3	On	23	5	28	4	2	6	27	7	34
16-18 Dec, 2013	F & FW	Scaling up of water productivity in Agriculture for livelihood	Ag. Engg.	Water mgt.	3	On	17	4	21	2	1	3	19	5	24
17.12.13	F & FW	Presentation and control of milk fever	A.P.	Milch Animal health mgt.	1	Off	15	5	20	3	3	6	18	8	26
26-28 Dec, 13	F & FW	Integrated pest and disease management in Mustard, Gram & Cumin	P.P.	IPM	2	On	9	9	18	6	1	7	15	10	25
26-28 Dec, 13	F & FW	Techniques of feed processing & improvement in poor quality roughages	A.P.	Care & mgt.	2	On	6	2	8	3	13	16	9	15	24
3.1.14	F & FW	Scientific management of backyard poultry	A.P.	Poultry mgt.	1	Off	12	7	19	6	3	9	18	10	28
08.01.14	F & FW	Techniques of tractor operated power sprayer	Ag. Engg.	Farm implement	1	Off	15	7	22	8	2	10	23	9	32
9 to 10 Jan, 14	F	Improved production technology of Rabi crops	Multi	Production tech.	2	On	24	-	24	9	-	9	33	-	33
11.1.14	F & FW	Control of pod borer in Gram	P.P.	IPM	1	Off	16	2	18	6	2	8	22	4	26
26 Sept., 13 to 15 Jan, 14	FW	Ladies Tailor (Cutting & Tailoring)	Multi	Skill development	80	On	-	13	13	-	8	8	-	21	21
15 to 16 Jan, 14	F	Training on Integrated farming system	Multi	IFS	2	On	27	-	27	22	-	22	49	-	49
17 to 18 Jan, 14	F	Training on Rabi pulse production techniques	Multi	Production tech.	2	On	24	-	24	12	-	12	36	-	36
20 – 21 Jan, 14	F	Improved cultivation technology of *Rabi* oilseeds	Multi	Production tech.	2	On	-	17	17	-	12	12	-	29	29
22 – 23 Jan, 14	F	Improved cultivation	Multi	Production tech.	2	On	-	25	25	-	12	12	-	37	37

		technology of *Rabi* cereals													
24 Jan, 14	F & FW	Farmers Scientist interaction on small ruminants and backyard poultry	Multi	Poultry	1	On	56	9	65	19	3	22	75	12	87
27.01.14	F & FW	Scientific management of buffalo	A.P.	Care & mgt.	1	Off	22	8	30	6	2	8	28	10	38
30 – 31 Jan, 14	F	Improved crop production of rain water harvesting	Multi	Water mgt.	2	On	61	-	61	9	-	9	70	-	70
06-07 Feb, 14	F	Integrated farming system	Multi	IFS	2	On	21	-	21	8	-	8	29	-	29
08.02.14	F & FW	Techniques of Azolla cultivation	A.P.	Cultivation tech.	1	Off	24	2	26	5	1	6	29	3	32
10-11 Feb, 14	F	Improved production technology of zaid crops	Multi	Production tech.	2	On	28	-	8	6	-	6	34	-	34
12-13 Feb, 14	F	Improved production technology of zaid crops	Multi	Production tech.	2	On	13	-	13	7	-	7	20	-	20
14.02.14	F & FW	Use of Micro irrigation system	Ag. Engg.	Irrigation system	1	Off	29	4	33	6	-	6	35	4	39
19.02.14	F & FW	Role of plant growth regulator in fruit plant	Horti.	Orchard mgt.	1	Off	22	5	27	5	1	6	27	6	33
22.02.14	F & FW	Seed production technology of summer groundnut and green gram	C.P.	Production tech	1	Off	29	4	33	9	6	15	38	10	48
24.02.14	F & FW	IPM in gram	P.P.	IPM	1	Off	26	6	32	4	2	6	30	8	38
11-12 Mar, 14	F & FW	Pomegranate production technology	Horti.	Orchard development	2	On	28	3	31	7	4	11	25	7	42
13.03.14	F & FW	Weed and nutrient management in summer groundnut	C.P.	INM & IWM	1	Off	16	5	21	6	2	8	22	7	29
13.03.14	F & FW	Cultivation technology of okra	Horti	Vegetable production	1	Off	15	3	18	3	6	9	18	9	27
14.03.14	F & FW	Azolla as a livestock feed	A.P.	Feed & Fodder Mgt.	1	Off	20	4	24	6	3	9	26	7	33

19-20 Mar,14	F & FW	Improved Production Technology of Guava	Horti	Orchard development	2	On	17	4	21	7	2	9	24	6	30
21-22 March, 14	F & FW	Improved production technology of okra	Horti	Vegetable production	2	On	8	26	34	-	-	-	8	26	34
21-22 Mar, 14	F & FW	Seed production technology of summer groundnut and green gram	C.P.	Production tech	2	On	7	16	23	2	-	2	9	16	25
25-27 Mar, 2014	FW	Nutrition security through nutritional garden	H.Sc.	Nutritional garden	2	On	-	18	18	-	2	2	-	20	20

(D) Vocational training programmes for Rural Youth

Crop / Enterprise	**Date**	**Training title***	**Identified Thrust Area**	**Duration (days)**	**No. of Participants**			**Self employed after training**			**Number of persons employed else where**
					Male	**Female**	**Total**	**Type of units**	**Number of units**	**Number of persons employed**	
Poultry management	17-19 Sept, 2013	Tips of backyard poultry and commercial production	Self employment & Income generation	3	29	-	29	Village level	-	-	-
Decorative materials	16-20 Sept, 2013	Clay Art	Self employment & Income generation	5	-	23	23	Village level	-	-	-
Ladies Tailor	26 Sept 2013 15 Jan. 2014	Ladies Tailor (Cutting & Tailoring)	Self employment & Income generation	80	-	21	21	Village level	-	-	-

(E) Sponsored Training Programmes

Sl. No	Date	Title	Discipline	Thematic area	Duration (days)	Client (PF/ RY/ EF)	No. of courses	No. of Participants									Sponsoring Agency	Amount of fund received (Rs.)
								Others			SC/ST			Total				
								Male	Female	Total	Male	Female	Total	Male	Female	Total		
1	20.5.2013	JCB – KVK, Sunhara Kal	Mul. Dis		1	PF	1	32	-	32	17	-	17	49	-	49	JCB India Ltd.	
2	16-17 July, 2013	IPM modules to increase the productivity of pulses at farmers field	P.P.		2	EF	1	14	2	16	7	5	12	21	7	28	Deptt. of Ento. RCA, Udaipur	
3	13 to 14 Aug, 2013	IPM Technology to Enhance the Productivity of Kharif pulses	P.P.		2	EF	1	16	6	22	7	3	10	23	9	32	Deptt. of Ento. RCA, Udaipur	
4	16 to17 Aug,, 2013	Improved cultivation technology of Kharif pulses	C.P.		2	PF	1	40	-	40	9	-	9	49	-	49	ATMA	
5	26-27 Aug,2013	Improved cultivation techniques of Kharif oilseed crops	C.P.		2	PF	1	-	31	31	-	12	12	-	43	43	ATMA	
6	30-31 Aug,2013	Improved cultivation techniques of Kharif cereals	C.P.		2	PF	1	-	50	50	-	11	11	-	61	61	ATMA	
7	03-04 Sept, 2013	Improved cultivation techniques of Kharif cereals	C.P.		2	PF	1	-	37	37	-	3	3	-	40	40	ATMA	
8	09-13 Sept, 2013	Initiative for nutritional security through intensive millet promotion (INSIMP)	H.Sc.		5	PF	1	-	44	44	-	6	6	-	50	50	Ag. Deptt.	
9	12-13 Sept, 2013	Improved cultivation techniques of Kharif oilseed crops	C.P.		2	PF	1	-	25	25	-	13	13	-	38	38	ATMA	
10	16-17 Sept, 2013	Integrated cotton production programme	C.P.		2	EF	1	18	4	22	6	2	8	20	10	30	Ag. Deptt.	
11	16-17 Sept, 2013	Improved cultivation techniques of Kharif pulses	C.P.		2	PF	1	-	36	36	-	13	13	-	49	49	ATMA	
12	18-19 Sept, 2013	Integrated cotton production programme	C.P.		2	EF	1	22	4	26	3	1	4	25	5	30	Ag. Deptt.	
13	19-20 Sept, 2013	Integrated farming system	Mul. Dis		2	PF	1	-	18	18	-	15	15	-	33	33	ATMA	
14	24-25 Sept,2013	Integrated farming system	Mul. Dis		2	PF	1	-	50	50	-	8	8	-	58	58	ATMA	
15	26-27 Sept,2013	Bajra production and value addition	C.P.		2	PF	1	-	36	36	-	2	2	-	38	38	ATMA	
16	03-04 Oct, 2013	Improved cultivation techniques of Rabi vegetables	Horti.		2	PF	1	28	9	37	9	4	13	37	13	50	NHM	
17	07-08 Oct, 2013	Improved cultivation techniques of Rabi cereals	C.P.		2	PF	1	33	-	33	15	-	15	48	-	48	ATMA	

18	17-18 Oct, 2013	Improved cultivation techniques of Rabi oilseed crops	C.P.		2	PF	1	21	-	21	17	-	17	38	-	38	ATMA	
19	24-25 Oct,2013	Improved cultivation techniques of Rabi pulse crops	C.P.		2	PF	1	16	1	17	22	2	24	38	3	41	ATMA	
20	11-12 Nov, 2013	Improved cultivation techniques of Rabi crops	C.P.		2	PF	1	4	-	4	16	-	16	20	-	20	ATMA	
21	9 to 10 Jan, 2014	Two days district level training	Mul. Dis		2	PF	1	24	-	24	9	-	9	33	-	33	ATMA	
22	26 Sept., 13 to 15 Jan, 14	Ladies Tailor (Cutting & Tailoring)	Mul. Dis		80	PF	1	-	13	13	-	8	8	-	21	21	RSLDC	
23	15 to 16 Jan, 2014	Training on Integrated farming system	Mul. Dis		2	PF	1	27	-	27	22	-	22	49	-	49	ATMA	
24	17 to 18 Jan, 2014	Training on Rabi pulse production techniques	C.P.		2	PF	1	24	-	24	12	-	12	36	-	36	ATMA	
25	20 – 21 Jan, 2014	Improved cultivation technology of Rabi oilseeds	C.P.		2	PF	1	-	17	17	-	12	12	-	29	29	ATMA	
26	22 – 23 Jan, 2014	Improved cultivation technology of Rabi cereals	C.P.		2	PF	1	-	25	25	-	12	12	-	37	37	ATMA	
27	24 Jan, 2014	Farmers Scientist interaction on small ruminants and backyard poultry	A.P.		1	PF	1	56	9	65	19	3	22	75	12	87	ATMA	
28	30 – 31 Jan, 2014	Improved crop production of rain water harvesting	Ag. Engg.		2	PF	1	61	-	61	9	-	9	70	-	70	BAIF	
29	6-7 Feb, 2014	Two days district level training on Horticultural crops	Horti.		2	PF	1	21	-	21	8	-	8	29	-	29	ATMA	
30	10-11 Feb, 2014	Two days district level training on Horticultural crops	Horti.		2	PF	1	28	-	8	6	-	6	34	-	34	ATMA	
31	12-13 Feb, 2014	Two days district level training on Horticultural crops	Horti.		2	PF	1	13	-	13	7	-	7	20	-	20	ATMA	
Total																**1270**		

Glimpses of Sponsored Training Programme

Sponsored by RSLDC, Jaipur

Sponsored by Horti. Deptt., Udaipur

Sponsored by ATMA,

(Farmers field School) - ATMA,

Deptt. of Horticulture, Chittorgarh

3.4. Extension Activities (including activities of FLD programmes)

Sl. No.	Nature of Extension Activity	Purpose/ topic and Date	No. of activities	Participants											
				Farmers (Others) (I)			SC/ST (Farmers) (II)			Extension Officials (III)			Grand Total (I+II+III)		
				Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1.	Field Day	Maize 01.10.13	1	54	8	62	19	14	33	3	1	4	76	23	99
2.	Field Day	Gram 15.03.14	1	48	17	65	12	4	16	2	1	3	62	22	84
3.	Field day	Gram 19.03.14	1	61	26	87	13	7	20	3	1	4	77	34	111
	Total	-	**3**	**163**	**51**	**214**	**44**	**25**	**69**	**8**	**3**	**11**	**215**	**79**	**294**
4.	Kisan Mela	01.03.2014	1	1637	885	2522	388	90	478	44	12	56	2069	987	3056
5.	Kisan Mela	-													
	Total	-	**1**	**1637**	**885**	**2522**	**388**	**90**	**478**	**44**	**12**	**56**	**2069**	**987**	**3056**
6.	Kisan Ghosthi	-	1	83	39	122	37	18	55	19	2	21	139	59	198
7.	Exhibition	04-07Feb.2014, 26-28 feb. 2014, 01 march 2014	3	3500	2333	5833	955	145	1100	50	17	67	4505	2495	7000
8.	Film Show	-	43	787	320	1107	288	84	372	-	-	-	1075	404	1479
9.	Method Demonstrations	-	17	-	-	-	-	-	-	-	-	-	-	-	-
10.	Farmers Seminar	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.	Workshop	-	32	-	-	-	-	-	-	-	-	-	-	-	-
12.	Group meetings	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.	Lectures delivered as resource persons	-	69	-	-	-	-	-	-	-	-	-	-	-	-
14.	Newspaper coverage	-	20	-	-	-	-	-	-	-	-	-	-	-	-
15.	Radio talks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16.	TV talks	-	21	-	-	-	-	-	-	-	-	-	-	-	-
17.	Popular articles	-	15	-	-	-	-	-	-	-	-	-	-	-	-
18.	Extension Literature	-	8	-	-	-	-	-	-	-	-	-	-	-	-
19.	Advisory Services	-	240	-	-	-	-	-	-	-	-	-	-	-	-
20.	Scientific visit to farmers field	-	96	513	144	657	125	97	222	-	-	-	638	241	879
21.	Farmers visit to KVK	-	116	178	75	253	67	17	84	-	-	-	245	92	337
22.	Diagnostic visits	-	15	-	-	-	-	-	-	-	-	-	-	-	-
23.	Exposure visits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24.	Ex-trainees Sammelan	-	-	-	-	-	-	-	-	-	-	-	-	-	-

25.	Soil health Camp	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26.	Animal Health Camp (642 animal treated)	-	1	33	-	33	27	-	27	-	-	-	60	-	(60 Family - benefited
27.	Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28.	Soil test campaigns	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29.	Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30.	Self Help Group Conveners meetings	-	9	-	102	102	-	38	38	-	-	-	-	140	140
31.	Mahila Mandals Conveners meetings	-		-	-	-	-	-	-	-	-	-	-	-	-
32.	Celebration of important days (specify)	-	1	-	34	34	-	18	18	-	-	-	-	52	52
	Grand Total		**711**	**6894**	**3983**	**10877**	**1931**	**532**	**2463**	**121**	**34**	**155**	**8946**	**4549**	**13495**

Glimpses of Extension Activities

Farmers Scientist Interaction

Exhibition in Farmers Fair at NRCSS, Ajmer

Parthenium eradication week

Celebration of Van Mahotsav

Number of Technology weeks celebrated	Types of Activities	No. of Activities	Numaber of Participants	Related crop/livestock technology
Nil	Gosthies			
	Lectures organised			
	Exhibition			
	Film show			
	Fair			
	Farm Visit			
	Diagnostic Practicals			
	Distribution of Literature (No.)			
	Distribution of Seed (q)			
	Distribution of Planting materials (No.)			
	Bio Product distribution (Kg)			
	Bio Fertilizers (q)			
	Distribution of fingerlings			
	Distribution of Livestock specimen (No.)			
	Total number of farmers visited the technology week			

Kisan Mobile Advisory: - NIL-
No. of Farmers registered: _____

Details of SMSs

Content Category	No. of Messages	No. of Farmers	Feed back of farmers if any	
Crop Production				
Crop Protection				
Livestock & Fisheries Advisory				
Weather Advisory				
Market Information				
Events Information				
Input availability				
Others (specify)				
Total				

INTERVENTIONS ON DROUGHT MITIGATION – NIL

Introduction of alternate crops/varieties

State	Crops/cultivars	Area (ha)	Number of beneficiaries

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

State	Livestock components	Number of interactions	No.of participants
Total			

Animal health camps organized

State	Number of camps	No.of animals	No.of farmers
Rajasthan	**1**	**642**	**60**
Total			

Seed distribution in drought hit states

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

Large scale adoption of resource conservation technologies

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

Awareness campaign

KVK	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												

3.5 Production and supply of Technological products

SEED MATERIALS

Major group/class	Crop	Variety	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
CEREALS	Barley	RD 2552	88.84		Commercial
OILSEEDS					
PULSES	Gram	GNG 469	6.50		Commercial
	Black Gram	PU 31	6.90		Commercial
VEGETABLES	Onion	RO 252	4.50		Commercial
FLOWER CROPS					
OTHERS (Specify)	Fenugreek	Ajmer Methi	2.44		Commercial

SUMMARY

Sl. No.	Major group/class	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
1	CEREALS	88.84		Commercial
2	OILSEEDS			
3	PULSES	13.40		Commercial
4	VEGETABLES	4.50		Commercial
5	FLOWER CROPS			
6	OTHERS	2.44		Commercial
TOTAL		**109.18**		

PLANTING MATERIALS

Major group/class	Crop	Variety	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers
FRUITS					
	Papaya	**Red Lady**	**5124**	**76860**	**----**
	Papaya	**Coorg Honey Dew**	**761**	**6010**	**----**
	Lime (Kagzi)	**Seeded**	**2029**	**40580**	**----**
	Guava	**Seeded**	**3429**	**68580**	**----**
SPICES					
VEGETABLES					
FOREST SPECIES					
ORNAMENTAL CROPS					
PLANTATION CROPS					
Others (specify)					

SUMMARY

Sl. No.	Major group/class	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers
1	FRUITS	11343	192030	
2	VEGETABLES			
3	SPICES			
4	FOREST SPECIES			
5	ORNAMENTAL CROPS			
6	PLANTATION CROPS			
7	OTHERS			
	TOTAL	**11343**	**192030**	

BIO PRODUCTS – Nil

Major group/class	Product Name	Species	Quantity		Value (Rs.)	Provided to No. of Farmers
			No	(kg)		
BIOAGENTS						
BIOFERTILIZERS						
1						
2						
3						
4						
BIO PESTICIDES						
1						
2						
3						
4						

SUMMARY – Nil

Sl. No.	Product Name	Species	Quantity		Value (Rs.)	Provided to No. of Farmers
			Nos	(kg)		
1	BIOAGENTS					
2	BIO FERTILIZERS					
3	BIO PESTICIDE					
	TOTAL					

LIVESTOCK

Sl. No.	Type	Breed	Quantity		Value (Rs.)	Provided to No. of Farmers
			(Nos	Kgs		
Cattle						
SHEEP AND GOAT		Sirohi Buck	12	Up to 30 kg each buck	@Rs.6000/Buck @Rs.7000/Buck	Supply to KVK, Banswara
POULTRY		**Pratapdhan**	**8000**	**-**	**@Rs.65/chick**	**123**
FISHERIES						
Others (Specify)						

SUMMARY

Sl. No.	Type	Breed	Quantity		Value (Rs.)	Provided to No. of Farmers
			Nos	Kgs		
1	CATTLE					
2	SHEEP & GOAT	Sirohi Buck	12	Up to 30 kg each buck	@Rs.6000/Buck @Rs.7000/Buck	Supply to KVK, Banswara
3	POULTRY	Pratapdhan	8000	-	@Rs.65/chick	123
4	FISHERIES	-	-	-	-	-
5	OTHERS	-	-	-	-	-
	TOTAL	-	-	-	-	-

3.6. Literature Developed/Published (with full title, author & reference)

(A) KVK News Letter ((Date of start, Periodicity, number of copies distributed etc.)

(B) Literature developed/published

Item	Title	Authors name	Number of copies
Research papers	"Adoption level of sheep husbandry practices in Bhilwara district of Rajasthan"	C. M. Yadav	Indian journal of animal production and management, 29 (1-2): 113 – 116, 2013
	Production potential of Maize and Mustard under different intercropping systems in moisture deficit subtropical areas of Jammu & Kashmir	Brij Nandan, B.C. Sharma, Anil Kumar and K.C. Naagar	Legume Res., 36 (5) : 436-441, 2013
	"Impact of On Campus training of knowledge empowerment of trainees in Bhilwara district of Rajasthan	C. M. Yadav and O. P. Pareek	Indian Res. J. Ext. Edu. 14(1) January, 2014 P P 122-124
	EVALUATION OF BIOLOGICAL CONTROL AGENTS AGAINST THE STEM BORER, *CHILO PARTELLUS* (SWINHOE.) INFESTING MAIZE IN THE SUB HUMID AGROECOSYSTEM OF RAJASTHAN	Hemant Swami and Anil Vyas	Indian Journal of applied Entomology Vol. 27 (1) 2013 PP 79 – 80
	BIOEFFICACY OF FIPRONIL 200 SC AGAINST THRIPS, *THRIPS TABACI* (LINNMAN) INFESTING COTTON.	Manoj Mahla, O.P. Ameta, Hemant Swami and Dr. Anil Vyas	Indian Journal of applied Entomology Vol. 27 (1) 2013 PP 64-67
	Effect of On campus training programme on knowledge empowerment of trainees towards value addition and marketing of wool production in Bhilwara district of Rajasthan. Proc. "Prospects in improving Production, Marketing and Value Addition of Carpet Wool	C.M.Yadav, M.K.Mahla, O.P.Pareek and Hemant Swami	31 December, 2013 at Arid Research Centre, Bikaner. Page no. 56-57.
Total	**06**		
Technical reports	MPR, QPR, APR & Action Plan		

Popular articles	lR; dks ve`r esa vkuUn	MkW- lh- ,e- ;kno ,oa Jh ,e- ,l- pq.M+kor	gy/kj VkbEl] vizSy 2013
	vukj mRiknu izkS|ksfxdh	MkW- ds- ,y- thuxj] MkW- lqfp=k nk/khp ,oa MkW- lh- ,e- ;kno	gy/kj VkbEl] ebZ 2013
	oSKkfud izkS|ksfxdh ls vukj mRiknu	MkW- ds- ,y- thuxj] MkW- lqfp=k nk/khp ,oa MkW- lh- ,e- ;kno	gy/kj VkbEl] twu 2013
	Eklkyksa dk vkS|ksfxd egRo	MkW- ds- ,y- thuxj] MkW- lqfp=k nk/khp ,oa MkW- lh- ,e- ;kno	gy/kj VkbEl] twu 2013
	lQyrk dh dgkuh & lq[k ds xqykc	MkW- lqfp=k nk/khp ,oa MkW- lh- ,e- ;kno	Ukokpkjksa ds ifFkd gy/kj VkbEl] ebZ 2013
	Ålj Hkwfe esa Qyksa dh tSfod [ksrh	MkW- ds- ,y- thuxj] MkW- lqfp=k nk/khp ,oa MkW- lh- ,e- ;kno	gy/kj VkbEl] twu 2013
	jktlFkku esa “kq’d ckxokuh	MkW- lqfp=k nk/khp	jktLFkku [ksrh izrki vad twu 2013
	xktj dh ykHkdkjh [ksrh	MkW- lqfp=k nk/khp ,oa MkW- vks- ih- ikjhd	jktLFkku [ksrh izrki vad flrEcj] 2013
	lajf{kr ueha esa jch QlyksRiknu	MkW- ds- lh- ukxj] MkW- lh- ,e- ;kno] MkW- vks- ih- ikjhd ,oa MkW- eukst egyk	jktLFkku [ksrh izrki vad flrEcj] 2013
	uhacw ds izeq[k dhV ,oa mudh jksdFkke	MkW- gseUr Lokeh ,oa MkW- eukst egyk	jktLFkku [ksrh izrki vad flrEcj] 2013
	vtksyk lk”kqvksa ds fy, iwjd vkgkj	MkW- lh- ,e- ;kno] MkW- eukst egyk] MkW- vks- ih- ikjhd] MkW- ds- lh- ukxj ,oa Jh ,e- ,l- pq.M+kor	jktLFkku [ksrh izrki vad flrEcj] 2013
	lkSaQ dh oSKkfud [ksrh	MkW- lqfp=k nk/khp ,oa MkW- vks- ih- ikjhd	d`f’k thou] flrEcj & vDVwEcj] 2013
	VekVj] cSaxu ,oa fepZ ds izeq[k dhV ,oa mudk izcU/ku	MkW- gseUr Lokeh ,oa MkW- eukst egyk	jktLFkku [ksrh izrki vad fnlEcj] 2013
	chth; elkyksa esa QlyksÙkj izcU/ku	MkW- eukst egyk	jktLFkku [ksrh izrki vad tuojh] 2014
	[kjhQ pkjsa okyh izeq[k Qlysa	MkW- ds- lh- ukxj] MkW- lh- ,e- ;kno ,oa MkW- eukst egyk	jktLFkku [ksrh izrki vad Qjojh] 2014
	Organization of SHG’s & its successful working	Dr. (Smt.) Manju Upadhyay	jsfM;ksa fdlku if=dk] fpRrkSM+x<+ 2014
	oehZokW”k ,d tSfod rjy [kkn	MkW- lh- ,e- ;kno] MkW- eukst egyk] MkW- gseUr Lokeh ,oa MkW- vks- ih- ikjhd	jktLFkku [ksrh izrki vad ekpZ] 2014
Total	**17**		
Leaflets/folders/ Booklets	pkjsa okyh eq[; Qlysa	MkW- ds- lh- ukxj] MkW- eukst egyk] MkW- vks- ih- ikjhd] MkW- lh- ,e- ;kno] MkW- lqfp=k nk/khp ,oa MkW- gseUr Lokeh	
	oehZ dEiksLV ,d fVdkÅ rduhdh	MkW- lh- ,e- ;kno] MkW- eukst egyk] MkW- gseUr Lokeh] MkW- vks- ih- ikjhd]] MkW- vfuy O;kl ,oa Jh ,e- ,l pq.M+kor	
	ljlksa esa jksx izcU/ku	MkW- gseUr Lokeh] MkW- eukst egyk ,oa MkW- vfuy O;kl	
	cSaxu esa ikS/k laj{k.k	MkW- eukst egyk] MkW- gseUr Lokeh ,oa MkW- lh- ,e- ;kno	

	uhacw ds izeq[k dhV ,oa mudh jksdFkke	MkW- gseUr Lokeh] MkW- eukst egyk ,oa Jh ,e- ,l pq.M+kor	
	xksHkhoxhZ; lfCt;ksa ds dhV] jksx ,oa jksdFkke	MkW- eukst egyk] MkW- gseUr Lokeh] MkW- vfuy O;kl ,oa MkW- ohjsUnz flag	
Total	**06**		
Grand TOTAL	**29**		

N.B. Please enclose a copy of each. In case of literature prepared in local language please indicate the title in English

(C) Details of Electronic Media Produced – Nil

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number

3.7. Success stories/Case studies

lefUor d`f’k us cnyh rdnhj

d`’kd izksQkby &

d`’kd dk uke % cDlq yky xqtZj

firk dk uke % ykyw jke xqtZj

xkao % /kweM+kl

iapk;r lfefr % lqok.kk

ftyk % HkhyokMk ¼jkt-½

eksckbZy ua- % 9929828085

Hkwfedk & fiNys rhu o’kZ ls cDlq yky xqtZj fujUrj d`f’k foKku dsUnz] HkhyokM+k ds lEidZ esa jgk blls mlus dqN djus dh bPNk tkfgj dhA xqtZj us dsUnz esa vk;ksftr laLFkkxr izf”k{k.k] oSKkfudksa dh lykg ds ek/;e ls loZizFke xsgwa dh jkt- 4037 fdLe viukbZ blls mUkdks 4 fDoaVy xsgwa dk mRiknu izfr ch?kk ds fglkc ls vf/kd gqvkA blls dsUnz ds izfr mldk fo”okl c<+rk x;k vkSj mUgksusa i”kqikyu dh vksj lq/kkj ds dne c<+k;s ftlesa 2 eqjkZ HkSal o 4 ladj xk;s [kjhnhA HkSal o xk;ks ls mls izfrfnu 40 ls 50 yhVj nw/k dk mRiknu gks jgk gSa ftls 25 :i;s izfr yhVj ds fglkc ls cspus ij 1000 ls 1250 :i;s dh izfrfnu vkenuh gksus yxh ftlesa lHkh [kpZ fudkyus ds ckn 700 ls 750 :i;s ”kq) vk; izfrfnu gksus yxhA dsUnz ds lEidZ esa jgdj xqtZj us i”kqikyu dh fuEu rduhfd;ka viukbZA

- mUur Bka.k izn”kZuA
- vtksyk mRiknuA

- lUrqfyr vkgkj cukukA
- ;wfj;k }kjk pkjsa dks mipkfjr djukA
- mUur uLy dh tkudkjhA
- lkbZyst cukukA
- ued ,oa [kfut yo.k dk egRoA
- vkokl izcU/kuA

lkFk gh cDlq yky us 1½ ch?kk esa xUuk dh Qly dh cqokbZ djh ,oa xqM+ cukdj cspuk izkjaHk fd;kA bl izdkj lefUor d`f'k i)fr }kjk 2½ yk[k ls 3 yk[k :i;s izfro'kZ dh vkenuh gqbZ tks dsUnz ds lEidZ esa vkus ls igys ek= 75000 ls 1-00 yk[k :i;s gh FkhA orZeku esa cDlq xqtZj dk tSfod [ksrh dks c<+kok nsus gsrq oehZ dEiksLV o oehZ okW"k yxkus dk ekul Hkh gSaA

d`f'k foKku dsUnz] HkhyokM+k] HkhyokM+k us /kweM+kl xkao ds cDlw yky xqtZj dh vkthfodk dks fuEu rduhdh gLrkUrj.k }kjk u;k lQj fn;kA

dz-la-	**rduhdh fooj.k**	**d`f'k foKku dsUnz ds lEidZ ls igys**	**d`f'k foKku dsUnz ds lEidZ ls ckn esa**	**"kq) ykHk**
1	uLy lq/kkj & HkSal	ns"kh HkSal & 2	eqjkZ HkSal & 2	
2	uLy lq/kkj & xk;	ns"kh xk; & 1	ladj xk; & 4	
3	vtksyk	---------	,d csM (20X2X2 ft.)	1000@& :- izfrekg
4	xUuk mRiknu	---------	,d ¼1½ ch?kk xUus dh [ksrh½	80]000@& :- izfro'kZ
5	nqX/k mRiknu	10 fdxzk-	40 fdxzk-	22]500@& :- izfro'kZ
6	xsgwa esa cht mRiknu	ns"kh xsgwa ¼10 fDoaVy @ch?kk½	jkt 4037 ¼15 fDoaVy@ch?kk½	100000@& :- izfro'kZ
7	vtksyk f[kykus ls nqX/k mRiknu esa c<+ksrjh	---------	1 ls 1½ fdxzk- izfr lk"kq izfrfnu	30&35 :lk;s dk ykHk izfr lk"kq izfrfnu
		75]000 :lk;s izfro'kZ	**dqy ykHk & 2]50]000 ls 3]00]000 :lk;s izfro'kZ**	

mUur lk”kq izcU/ku cuk vkthfodk dk lgkjk

d`’kd izksQkby &

d`’kd dk uke % dkuflag iqjkor

firk dk uke %

j?kqukFkflag iqjkor

xkao % lkyfj;k

iapk;r lfefr % dksVM+h

ftyk % HkhyokMk

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f'k{kk % 9oha ikl

eksckbZy ua- % 81071&56862

Hkwfedk &

dkuflag dk xkao lkyfj;k ftyk eq[;ky; ls yxHkx 45 fdyksehVj nwj fLFkr gSA d`f'k foKku dsUnz }kjk xkao dk p;u djus ds ckn izf"k{k.k ds fy, fdlkuksa dks cqyk;k x;k tgka dkuflag dsUnz ds dk;Zdze leUod MkW- eukst egyk ls feyk vkSj i"kqikyu ds {ks= esa uokpkj viukus dh :fp fn[kkbZA dsUnz ds i"kqikyu oSKkfud MkW- lh- ,e- ;kno us fdlku dks mUur i"kqikyu dh dk;Z ;kstuk crkbZA dku flag dk og fnu mldh ftUnxh cnyus dk Lof.kZe fnu FkkA dkuflag us crk;k fd dsUnz ds oSKkfudksa us mldss ?kj vkdj i"kqvksa o ckM+s dk voyksdu fd;k o fuEufyf[kr rduhfd;ka viukus dh lykg nhA

1- vtksyk mRiknuA

2- tEcks ikWyh csx rduhd }kjk lkbyst fuekZ.kA

3- ;wfj;k }kjk pkjs dks mipkfjr djukA

4- gjs pkjs dh dqV~Vh cukdj f[kykukA

5- lUrqfyr i"kq vkgkj dh tkudkjhA

6- mUur uLy ds i"kqvksa dh tkudkjhA

7- esUtj ¼Bka.k½ fuekZ.k dh tkudkjhA

mijksDr rduhfd;ksa ls eSa :c: gksdj dqN djus dh Bku yh vkSj d`f'k foKku dsUnz ds lkFk dU/ks ls dU/kk feykdj tqM x;kA dku flg us crk;k fd vtksyk f[kykus ls mldh ladj xk;ksa esa fuEu Qk;ns gq,A

1- nqX/k mRiknu esa o`f)A

2- xk; ds LokLF; esa lq/kkjA

3- xk; ds cka>iu lq/kkjA

4- izlo ls igys o ckn esa dkaVs dk fn[kuk tks fd vtksyk f[kykus ls cUn gksukA

5- nqX/k mRiknu ykxr esa dehA

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dkuflag us crk;k fd **tEcks ikWyh csx rduhdh** ls lkbyst cukrs le; csx dks vkil esa ykus ys tkus esa lqfo/kk jgrh gSa ,oa i”kqvksa dks ftl le; gjk pkjk miyC/k ugh gks ml le; bl csx ls lkbyst ¼i”kqvksa ds fy, vpkj½ fudkydj f[kykus ls i”kqvksa dk nqX/k mRiknu cuk;s j[kus esa lgk;d gSaA

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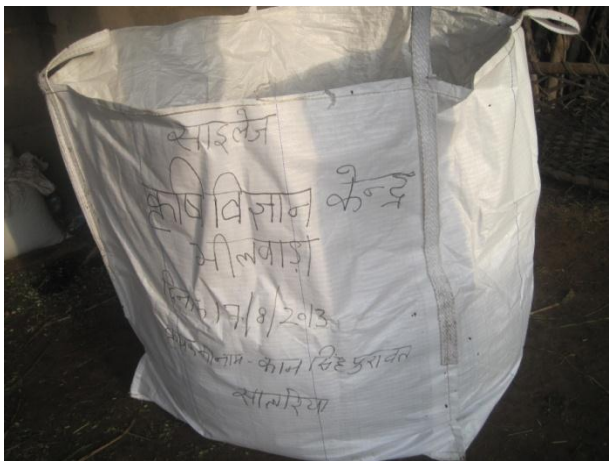

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3.8

Give details of innovative methodology/technology developed and used for Transfer of Technology during the year

- **Name of farmer**
- **Title of innovations**
- **Description of innovation**
- **Practical utility**
- **Application of innovations**
- **Activities conducted for wise spread**

3.9 Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

S. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
----	----	----	----

3.10 Indicate the specific training need analysis tools/methodology followed for

- Identification of courses for farmers/farm women – Use of village survey and PRA techniques
- Rural Youth – Use of village survey and PRA techniques
- In-service personnel

3.11 Field activities

i. Number of villages adopted – 06
ii. No. of farm families selected – 530
iii. No. of survey/PRA conducted – 02

3.12. Activities of Soil and Water Testing Laboratory – Nil

Status of establishment of Lab :

1. Year of establishment :
2. List of equipments purchased with amount :

Sl. No	Name of the Equipment	Qty.	Cost
1	----	----	----
Total		----	----

3. Details of samples analyzed so far : **Nil**

Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized

Soil Samples	----	----	----	----
Water Samples	----	----	----	----
Plant Samples	----	----	----	----
Petiole Samples	----	----	----	----
Total	----	----	----	----

4.0 IMPACT

4.1. Impact of KVK activities (Not to be restricted for reporting period).

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Ladies Tailor (Cutting & Tailoring)	20	60% (12)	Nil	1800-2000
Entrepreneurship Development through backyard poultry	16	37.50%(6)	1000-1200	4000-4500
Entrepreneurship Development through processing of fruit, poultry & Dairy	25	40% (10)	700-1000	2500-3000

4.2. Cases of large scale adoption - Nil
(Please furnish detailed information for each case)

4.3 Details of impact analysis of KVK activities carried out during the reporting period

5.0 LINKAGES

5.1 Functional linkage with different organizations

Name of organization	Nature of linkage
District Administration State Deptt. Agriculture Horticulture ZILA PARISAD	Organizing sponsored training programmes of Agriculture, Horticulture, NWDP, ZILA PARISAD and other department. Helping & Participating in various extension activities like field day, farmers fair, etc. organized by line department.
Fisheries	Delivering lectures by KVK scientists in training programmes organized by line departments & NGOs.
Animal husbandry	Animal treatment camp, exhibition and training programme.
RSSC	Procurement of seed for demonstration & seed production programme.
KVSS	Procurement of input for demonstrations & KVK instructional farm.
Forest	Supply of forest plants for plantation at KVK and adopted villages.
ATMA	Planning and execution of ATMA activities
RMoL	Conducted vocational training programme for rural youth.
Foundation for Ecological Security (NGO)	For Orchard development & training programme.

5.2 List special programmes undertaken by the KVK, which have been financed by State Govt./Other Agencies

Name of the scheme	Date/ Month of initiation	Funding agency	Amount (Rs.)
Vocational training (Ladies Tailor)	26.09.2013 to 15.01.2014	RSLDC	1,25,304/-
Two days Training (No. of trainings 21)	16.08.2013 to 13 .02.2014	ATMA	5,87,200/-
Improved crop production of rain water harvesting	30-31 Jan, 2014	BAIF	75000/-
Farmers Field School -3	Jan, 2014	ATMA	79620/-
Azolla Demonstration- 46 unit	Feb.2014	ATMA	3,00,000
Backyard Poultry – 100 unit (60 birds) each	Jan 2014	ATMA	4,00,000

5.3 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

S. No.	Programme	Nature of linkage	Remarks
1.	Two days Training	21	
2.	Farmers Field School	03	
3.	Azolla Demonstration	46	
4.	Backyard Poultry	100 units (60 birds each unit)	600 bird s have been distributed and remaining units awaited

5.4 Give details of programmes implemented under National Horticultural Mission – Nil

S. No.	Programme	Nature of linkage	Constraints if any
	-----	-----	-----

5.5 Nature of linkage with National Fisheries Development Board - Nil

S. No.	Programme	Nature of linkage	Remarks
	-----	-----	-----

5. PERFORMANCE OF INFRASTRUCTURE IN KVK

6.1 Performance of demonstration units (other than instructional farm)

Sl. No.	Demo Unit	Year of Estt.	Area	Details of production			Amount (Rs.)		Remarks
				Variety	Produce	Qty.	Cost of inputs	Gross income	
1	Vermicompost	2004	20 X 80 ft.	I. foiteda	Vermiculture Vermicompost	140 kg. 9558kg	75704	61790	Extension of vermin compost unit 16 beds at KVK I.F.
2	Goat Unit	2012	10 +1	Sirohi	Sirohi Buck	7 + 6	46668	48800	At present goat and buck in Herd **31 & 6 buck supply to KVK Banswara**
3	Poultry Unit	2013	40 birds	Pratapdhan	Pratapdhan Cock egg	22 110	142035	10500	Newly construction of poultry shed with boundary (Exp. Rs. 142035)
4	Azolla	2013	4 Beds	Azolla pinnata	Azolla fern	52 kg	-	2600	Total 4 beds of Azolla (Azolla feed is being utilized by poultry, rabbit & goat unit
5	Rabbit unit	2014	-	Grey giant	-	2 + 2	1600	-	Newly establishment
6	Duck unit	2014	-	Khaki Campbell	-	3 + 3	900	-	Newly establishment

6.2 Performance of instructional farm (Crops) including seed production

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty. (qntl.)	Cost of inputs	Gross income	
Cereals									
1. Barley (2012-13)	22.11.2012	-	2	RD 2552	Commercial	88.84	-	120146	-
2.Sweet Corn (2013)	08.09.2013	16.12.2013	0.15	Sugar 75	Commercial	16.12 (Green cobs)	-	24924	-
3.Wheat (2013-14)	30.11.2013	-	0.25	HI 8713	Commercial	Awaited			
	30.11.2013	-	0.25	Raj.4238	Commercial	Awaited			
4.Barley (2013-14)	30.11.2013	-	0.50	RD 2035	Commercial	Awaited			
	09.12.2013	-	1.00	RD 2715	Commercial	Awaited			
5.Crop Cafeteria (2013-14) Wheat & Barley	23.11.2013	-	0.10	-	Commercial	Awaited			
Pulses									
1.Gram (2012-13)	15.11.2012	-	1.00	GNG 469	Commercial	6.50	-	18252	-
2.Black Gram (2013)	17-18 July, 2013	-	2.50	PU 31	Commercial	6.90	-	24083	-
Oilseed									
Mustard (2013-14)	6.10.2013	15-16.03.14	1.00	Bio 902	Commercial	16.97		48300	-
Spices & Plantation crops									
1. Cumin (2013-14)	01.12.2013		0.10	RZ209 & GC 4	Commercial	Awaited			
Floriculture	-	-	-	-	-	-	-	-	-
Fruits	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-	-	-
Onion (2013)	06.01.2013	06.05.2013	0.05	RO 252	Commercial	4.50	-	3986	-
Pea (2013-14)	08.10.2013	Dec, 2013	0.40	JK 124	Commercial	(Green) 1.61	-	3184	-
Onion (2013-14)	09.11.2013	-	0.10	Prem 178 Hybrid	Commercial	Awaited			
Others (specify)									
1.Fenugreek (2012-13)	18.11.2012	05.04.2013	0.10	Ajmer Methi	Commercial	2.44	-	5655	-
2.Fenugreek (2013-14)	03.12.2013	-	0.20	Ajmer Methi 1 & 3	Commercial	Awaited			

6.3 Performance of production Units (bio-agents / bio pesticides/ bio fertilizers etc.,) - Nil

Sl. No.	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	

Glimpses of Instructional Farm

Glimpses of Instructional Farm

6.4 Performance of instructional farm (livestock and fisheries production)

Sl. No.	Demo Unit	Year of Estt.	Area	Details of production			Amount (Rs.)		Remarks
				Variety	Produce	Qty.	Cost of inputs	Gross income	
1	Goat Unit	2012	10+1	Sirohi	Sirohi Buck	7 + 6	46668	48800	At present goat and buck in Herd **31 & 6 buck supply to KVK Banswara**
2	Poultry Unit	2013	40 birds	Pratapdhan	Pratapdhan Cock egg	22 110	142035	10500	Newly construction of poultry shed with boundary (Exp. Rs. 142035)
3	Rabbit unit	2014	-	Grey giant	-	2 + 2	1600	-	Newly establishment
4	Duck unit	2014	-	Khaki Campbell	-	3 + 3	900	-	Newly establishment

6.5 Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

Date	Title of the training course	Client (PF/RY/EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/ST Participants		
				Male	Female	Total	Male	Female	Total
30-31 Jan, 2014	Improved crop production of rain water harvesting	PF	1	70	-	70	9	-	9

6.5 Utilization of hostel facilities

Accommodation available (No. of beds):

Months	Title of the training course/Purpose of stay	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
April 2013	Nursery management	22	3	
	Improved farm implements	24	3	
Total				
May 2013				
Total				
June 2013				
Total				
July 2013				
Total		**46**	**6**	
August 2013				
17.08.2013	Cultivation technology of Kharif pulses	10	2	
27.08.2013	Cultivation technology of Kharif oilseed	35	2	
31.08.2013	Cultivation technology of Kharif cereals	36	2	
Total		**81**	**6**	
September 2013				
13.09.2013	Cultivation technology of Kharif oilseed	38	2	
14.09.2014	Cultivation technology of Kharif pulses	34	2	
16.09.2013	Integrated farming system	39	2	
20.09.2013	Integrated farming system	30	2	
Total		**141**	**8**	
October 2013				
04.10.2013	Cultivation technology of Rabi vegetables	50	2	
08.10.2013	Cultivation technology of Rabi cereals	25	2	
09.10.2013	Cultivation technology of Rabi oilseed	50	2	
Total		**125**	**6**	
November 2013	----	----	----	
Total				
December 2013	----	----	----	
19.12.2013	Cultivation technology of Rabi pulses	50	2	
Total		**50**	**2**	
January 2014	----	----	----	
15.01.2014	Integrated farming system	40	2	
16.01.2014	Cultivation technology of Rabi pulses	50	2	
17.01.2014	Cultivation technology of Rabi pulses	36	2	

20.01.2014	Cultivation technology of Rabi oilseed	24	2	
22.01.2014	Cultivation technology of Rabi cereals	37	2	
30.01.2014	Improved crop production of rainwater harvesting	70	2	
Total		**257**	**12**	
February 2014				
10.02.2014	Cultivation technology of zaid crops	28	2	
Total		**28**	**2**	
March 2014				
12.03.2014	Pomegranate cultivation	42	2	
Total		**42**	**2**	
Grand total		**770**	**44**	

7. FINANCIAL PERFORMANCE

7.1 Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
With Host Institute			
With KVK	ICICI Bank	Sabun Marg, Bhilwara	666305023276

7.2 Utilization of funds under FLD on Oilseed *(Rs. In Lakhs)* - Nil

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2014
	Kharif 2013-14	Rabi 2013–14	Kharif 2013-14	Rabi 2013-14	
Inputs	----	----	----	----	----
Extension activities	----	----	----	----	----
TA/DA/POL etc.	----	----	----	----	----
TOTAL	----	----	----	----	----

7.3 Utilization of funds under FLD on Pulses *(Rs. In Lakhs)* - Nil

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2014
	Kharif 2013-14	Rabi 2013–14	Kharif 2013-14	Rabi 2013-14	
Inputs	----	----	----	----	----
Extension activities	----	----	----	----	----
TA/DA/POL etc.	----	----	----	----	----
TOTAL	----	----	----	----	----

7.4 Utilization of funds under FLD on Cotton *(Rs. In Lakhs)* - Nil

Item	Released by ICAR	Expenditure	Unspent balance as on 1st April 2014
	Kharif 2013-14	Kharif 2013-14	
Inputs	----	----	----
Extension activities	----	----	----
TA/DA/POL etc.	----	----	----
TOTAL	----	----	----

7.5 Utilization of KVK funds during the year 2012-13 and 2013-14 (up to March, 2014) (year-wise separately) (current year and previous year)

Year 2012-12

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	**Pay & Allowances**	9700000.00		9635186.00
2	**Traveling allowances**	100000.00		98886.00
3	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	340000.00		339998.00
B	POL, repair of vehicles, tractor and equipments			
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	510000.00		509997.00
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)			
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)			
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)			
G	Training of extension functionaries			
H	Maintenance of buildings			
I	Establishment of Soil, Plant & Water Testing Laboratory			
J	Library			
TOTAL (A)		**10650000.00**		**10584067.00**
B. Non-Recurring Contingencies				
1	**Works**			
2	**Equipments including SWTL & Furniture**			
3	**Vehicle** (Four wheeler/Two wheeler, please specify)			
4	**Library** (Purchase of assets like books & journals)			
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		**10650000.00**		**10584067.00**

Year 2013-14

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	**Pay & Allowances**	1,55,00,000		1,49,37,529
2	**Traveling allowances**	1,50,000		1,09,807
3	**Contingencies**	**11,00,000**		**10,99,985**
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	4,40,000		4,39,991
B	POL, repair of vehicles, tractor and equipments			
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	6,60,000		6,59,994
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)			
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)			
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)			
G	Training of extension functionaries			
H	Maintenance of buildings			
I	Establishment of Soil, Plant & Water Testing Laboratory			
J	Library			
TOTAL (A)		**1,67,50,000**		**1,61,47,321**
B. Non-Recurring Contingencies				
1	**Works**			
2	**Equipments including SWTL & Furniture**			
3	**Vehicle** (Four wheeler/Two wheeler, please specify)			
4	**Library** (Purchase of assets like books & journals)			
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		**1,67,50,000**		**1,61,47,321**

7.5 Status of revolving fund (Rs. in lakhs) for the three years

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year
April 2011 to March 2012	2,99,986.07	7,34,023	7,07,418	3,26,591.07
April 2012 to March 2013	3,26,591.07	13,46,862	13,50,746	3,22,707.07
April 2013 to March 2014	3,22,707.07	7,91,452	7,36,233	3,77,926.07

8.0 Information which has not been reflected above (write in detail).

8.1 Constraints

(a) Administrative

1. Lack of vehicle (Bolero Jeep) as old Jeep is condemned.
2. Requirement of one tractor – present tractor has been purchased in the year 1997 & run 5220hrs.
3. Requirement of Photocopier machine.

(b) Financial

1. Need additional fund for farm
2. Requirement of Rs. 2 lacs for PHT lab equipments & utensils.
3. Requirement of Rs. 8 lacs for modal nursery under shade net & poly house for preparing saplings.
4. Require additional budget of Rs. 60 lacs for construction of farmer's hostel.

(c) Technical

1. Post harvest handling and development of suitable processed product of fruit and vegetables technology is required.
2. Large numbers of farm families are engaged with dairy profession. There is a need for transferring value added technologies in daring.
3. Require soil scientist at this centre.

Annexures

District Profile – I

Bhilwara district is situated in between 25·1 – 25.58° N latitude and 74.1 and 75.28° E longitude at 412 above mean sea level. The district comprises if 12 Tehsils and 1705 habitat villages. The district falls in sub humid southern plain and Aravali hills, zone IV-A. The detail of district is as follows.

S. No.	Particulars	
1.	Total geographical area	10.47 lac ha
2.	Gross cropped area	4.09 lac ha
3.	Net cropped area	3.33 lac ha
4.	Cropping intensity	123.29%
5.	Irrigated area	0.948 lac ha
6.	%age rainfed area	76 %
7.	Average rainfall area	657 mm
8.	Census (2001)	2009516
9.	Population density	192 per sq m
10	Literacy %age	51.79%
	Male	60.12%
	Female	33.47%
11.	Animal population	21.24 lac
12.	Temperature	
	Summer	Max. 35.3°C – 43.0°C
		Min. 23.9°C – 26.7°C
	Winter	Max. 21.7°C – 25.3°C
		Min. 3.1°C – 6.7°C
13.	Type of soil	Sandy loam to clay loam texture
14.	Main crops	Maize, Sorghum, Green gram, Groundnut, Sesame and cotton, While wheat, Barley Gram Mustard are principal crop grown in rabi season. The area under fruit trees is negligible and vegetable cultivation is also limited in very small area.
15.	Cropping system	Maize based
16.	Major Agriculture & allied enterprise	Dairying

The district has four Agro ecological situations as follows:-

S. N.	Name of AES	Characteristic of AES	Panchayat samiti
1	AES I	Fair textured deep soil & heavy Rainfall area (>600 mm)	Jahazpur Mandalgarh
2	AES II	Medium texture, moderately Deep soil & medium rainfall (500-600 mm)	Banera Kotri Shahpura
3	AES III	Coarse to medium texture Moderately deep & low rainfall (<400 mm)	Hurda Asind Mandal
4	AES IV	Medium texture, deep soil, low to medium rainfall (400-500 mm)	Suwana Sahada Raipur

Technology Inventory and Activity Chart

S. No.	Technology	Crop/ enterprise	year of release or recommendation of technology	Source of technology	Reference/ citation
1.	Inter cropping for net return	Maize + Blackgram in 2:2 rows	--	MPUAT- Udaipur	
2.	Inter cropping for net return	Maize + Ground nut in 6:2 rows	--	MPUAT- Udaipur	
3.	Suitable crop and cropping system for delayed of onset of monsoon	Sesame, Urd sowing after 15th July	--	MPUAT- Udaipur	
4.	Enhancement of Wheat productivity	Application of $ZnSO_4$ @ 25kg/ha	--	MPUAT- Udaipur	
5.	Low yield of milk	Cow and buffalo, scientific feeding management (concentrate@ 50% of milk yield and mineral mixture @ 50g/day/head	--	MPUAT- Udaipur	

Activity Chart

Crop/ enterprise	Problem	Cause	Solution	Activity	Reference of technology
Gram	Loss in yield by gram pod borer	Gram pod borer	Spray of MP Dust 2%,@ 25 kg/ha and Monocrotophose 1lit/ha + Spray of NPV 250 LE /ha at 30 & 60 DAG and need base spray of Quinolphos @ 1.00 lit./ha	Training, method demonstration & OFT	
Goat	Low growth rate of growing goats	Imbalance feeding & Unawareness of new feeding practices	Natural Grazing practice (6-8 hours) + Concentrate mixture @ 1.5 % of body weight +microbial feed supplementation (Bio-bloom)@3 g/day/head	Training, method demonstration & OFT	
Buffalo	Balance diet	Low milk yield	Feeding of 1.5 kg concentrate mixture for maintenance, 1.0 kg concentrate mixture/2lit.milk yield and 15 kg green fodder/day/animal + microbial feed supplementation (Bio-bloom)@15 g/day/head	Training, method demonstration & OFT	
Backyard Poultry	Low body weight and egg production	Low body weight and egg production	Introduce of Pratapdhan birds (Broiler X Native) X RIR	Training, method demonstration & OFT	