ANNUAL ACTION PLAN

(2014-15)

Jawaharlal Nehru Krishi Vishwa Vidyalaya

KRISHI VIGYAN KENDRA, SAGAR (MP)

Contents

PERIOD – April 2014 to March, 2015

Summary of the activities

KVK Name	Activity	Target		Achievement		
		Number of activity	No. of farmers/ beneficiaries	Number of activity	No. of farmers/ beneficiaries	Total value of resource generated/Fund received from diff. sources (Rs.)
	OFTs	**26**	**245**			
	FLDs – Oilseeds (activity in ha)	**5**	**13**			
	FLDs – Pulses (activity in ha)	**16**	**40**			
	FLDs – Cotton (activity in ha)	**-**	**-**			
	FLDs – Other than Oilseed and pulse crops(activity in ha)	**30**	**95**			
	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	**04**	**35**			
	Training-Farmers and farm women	**70**	**1750**			
	Training-Rural youths	**12**	**240**			
	Training- Extension functionaries	**10**	**250**			
	Extension Activities	**353**	**4500**			
	Seed Production (Number of activity as seeds in quintal)					
	Planting material ((Number of activity as quantity of planting material in quintal)	**100**	**25**			
	Seedling Production (Number of activity as number of seedlings in numbers)	**5100**	**250**			
	Sapling Production (Number of activity as number of sapling in numbers)	**2000**	**1200**			
	Other Bio- products (No. of quantity)	**6014**	**-**			
	Live stock products	**-**	**-**			
	Activities of Soil and Water Testing Laboratory	**400**	**250**			

KVK Name	Activity	Target		Achievement		
		Number of activity	No. of farmers/ beneficiaries	Number of activity	No. of farmers/ beneficiaries	Total value of resource generated/Fund received from diff. sources (Rs.)
	Rainwater Harvesting System	-	-			
	Kisan Mobile Advisory (KVK-KMA)	50	25856			
	SAC Meeting (Date & no. of core/ official members)	02	40			
	Literature to be Developed/Published	07	5000			
	Convergence programmes / Sponsored programmes	03	500			
	Utilization of Farmers Hostel	-	-			
	Utilization of Staff Quarters	-	-			
	Details of KVK Agro-technological Park	01	200			
	Crop Cafeteria-	03	Mass			
	Farm Innovators- list of 10 farm innovators from the District	1	50			
	Status of Revolving Funds	-	-			
	Awards and Recognitions	-	-			
	Case study / Success Story to be developed	2	-			
	KVK Progressive Farmers interaction	1	50			
	Outreach of KVK in the District (No. of blocks, no. of villages)	08,49				
	Technology Demonstration under TDPHP	-	-			
	KVK Ring	1	-			
	Important visitors to KVK	-	-			
	Status of KVK Website	-	-			
	Status of RTI	-	-			
	E-connectivity	-	-			
	Details of Technology Week Celebrations	1	200			
	Interventions on Drought Mitigation	-	-			
	Proposal of NAIP	-	-			
	Proposal of NICRA	-	-			
	Well labeled photographs	-	-			
	Other Activities	-	-			

1.2. DISTRICT PROFILE (detail of geographical area, cultivation, Land, resources, opportunities, irrigation, populations etc.)–

Farming system of the district:

(A) Cropping pattern:

(a) Soil type

Soils of the region vary from clay to sandy loam with predominantly medium black soils which are suitable for Soybean, Blackgram, Pigeonpea and Green gram in Kharif and Wheat, Gram, Linseed and Lentil in Rabi under dry land and limited irrigated conditions.

(b) Climate - Hot sub humid

Annual rainfall – 1235 mm

Maximum Temperature - 47^0C

Minimum Temperature - 7^0C

(B) Live stock:

S.No	Animal	Population	Production
1.	Buffalo	2,15,281	257800 mt Milk
2.	Cow	8,08,412	
3.	Goat/Sheep/ Poultry	2,55,393	700 mt meat, egg - 185.4 lakh

Basic information of the district

	No. of Block	:	11
	Tehsils	:	12
	No. of Village	:	2089
(A)	**Total Population**	**:**	**23,78,295**
	Male	:	12,64,251
	Female	:	11,24,044
(B)	**Classification of Workers**		
	Total number of Farmers	:	4,09,666
	Small Farmers	:	124565

Marginal Farmers : 184590

(C) NPK Consumption of district (kg/ha) : Kharif : 29.55 NPK kg/ha
Rabi : 46.93 NPK kg/ha

(D) Land Use Pattern

Geographical area	1022759 ha
Total population	2378295
Forest area	219297 ha
Cultivated area	548277 ha
Fallow land	17575 ha
Area under Kharif crops	402490 ha(36.92%)
Area under Rabi crops	4,58260 ha(48.1%)
Cropping intensity	157 %
Net Irrigated area	298920 (54%)
Arable land	57,250 ha
Double cropped area	312473ha
Area under Fruit crops	962 ha (0.175 %)
Area under vegetables	30736 ha (5.6%)
Area under spices	11160 ha (2.03%)
Area under Flower	190 ha (0.03%)
Area under Medicinal Plants	80 ha

Important crops of the District

Crop	Area (‘000 ha)	Production (‘000 Tonnes)	Productivity (kg/ha)
Soybean	308.2	403.1	1308
Blackgram	29.2	13.3	455
Greengram	4.7	1.9	4.1
Groundnut	1.0	1.0	1038
Sesame	1.22	0.25	205
Paddy	8.5	5.4	663
Pigeonpea	26.0	14.6	562
Wheat	214.55	428.1	2014
Gram	206.5	264.2	1279
Lentil	59.2	39.9	673
Linseed	2.5	1.4	554

Field pea	13.1	9.8	743

1.3. DETAILS OF ADOPTED VILLAGE during 1.4.2013 to 31.3.2014 (Approved by competent Authority in meetings/workshops)

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Sagar	**Chitora**	**2013**	**Sagar**	**24**	**2856**	**627**
Sagar	**Chainpura**	**2013**	**Jaisinagar**	**15**	**1036**	**357**

1.4. THRUST AREAS identified by KVK (Approved by competent Authority in meetings/workshop)

KVK	THRUST AREA
Sagar	(1) To facilitate the availability of seed of improved varieties of major crops i.e. soybean, Pigeonpea, Gram, Wheat in the district.
	(2) To motivate farmers towards cultivation of vegetables, spices, medicinal plants and management practice in fruit crops to increase the socio economic status.
	(3) Better input use and their management through IPM, IDM, INM, IWM technologies for increasing crop production.
	(4) Conservation of natural resources to control soil and water erosion through water harvesting, conservation of soil moisture through summer ploughing, use of organic & bio fertilizers.
	(5) Improvement of breeds of Cattles, Balance feeding of milch animal and their health management.
	(6) Need to organize agri- based vocational trainings for self employment of rural youths like vermi compost production ,Seed production, Mushroom production, Production Technology of high value vegetable crops, value addition, dairy etc.
	(7) Women empowerment through modern implements / farm mechanization (Spiral grader, Seed separator, Wheel hoe, hanging grain cleaner, Potato digger and Onion planter) to reduce farm women drudgery.
	(8) Create awareness regarding post harvest losses during storage and value addition to agro products like Tomato, Ber, Amla, Mango.
	(9) To Create awareness about drudgery reduction of farm women, income generation by farm women, health, hygiene, nutrition in farm women and malnutrition in children by soy foods and other locally available raw materials
	(10) Expansion of various advance technology among the farmers.

1.5. PROBLEM IDENTIFIED by KVK (Approved by competent Authority in meetings/workshop)

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Sagar	Low Yield of Soybean due use of old variety, weed infestation, imbalance fertilizer application and Pest infestation	PRA, Group Discussion	Vill.- Chitora Block-Sagar Vill.- Chainpura Block - Jaisinagar
Sagar	Low Yield of Gram due to incidence of Wilt disease and Pod borer.	PRA, Group Discussion	Vill.- Chitora Block-Sagar Vill.- Chainpura Block - Jaisinagar
Sagar	Low Yield of Wheat due to use of high seed rate, Imbalance use of fertilizer.	PRA, Group Discussion	Vill.- Chitora Block-Sagar Vill.- Chainpura Block - Jaisinagar
Sagar	Low yield of vegetables i.e. tomato, chilli, potato, brinjal, onion, okra, ginger and cauliflower due to imbalance nutrient management, weed management, pest infestation and lack of knowledge about management and plantation of fruits and vegetable crops.	PRA, Group Discussion	Vill.- Chitora Block-Sagar
Sagar	**Livestock-** Low milk production due to low protein intake, Poor egg production due to unavailability of high yielding layers, Lack of knowledge about round the year green fodder production	PRA, Group Discussion	Vill.- Chitora Block-Sagar Vill.- Chainpura Block - Jaisinagar
Sagar	**Women in Agriculture-** Low income of farmwomen, lack of knowledge regarding post harvest losses and value addition, heavy workload during agricultural work, unawareness of farm women regarding the nutritional signification of soybean.	PRA, Group Discussion	Vill.- Chitora Block-Sagar Vill.- Chainpura Block - Jaisinagar

1. GENERAL INFORMATION

1.1. Staff Position (as on date)

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Specialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/ OBC/ Others)
Sagar	Programme Coordinator	Dr. K. S. Yadav	Horticulture	Ph.D	Horticulture	37400-67000	30320	15.5.2012	Temporary	OBC
Sagar	Subject Matter Specialist	Dr. A.K. Tripathi	Plant Protection	Ph.D	Plant Protection	15600-39100	28920	24.1.2007	Temporary	Others
Sagar	Subject Matter Specialist	Dr. Vivekin Pachauri	Veterinary & Animal Husbandry	M.V.Sc.	Animal Nurition	15600-39100	25050	24.1.2007	Temporary	Others
Sagar	Subject Matter Specialist	Dr. A.K.Singh	Soil Science	Ph. D.	Soil Science	15600-39100	28920	27.1.2007	Temporary	Others
Sagar	Subject Matter Specialist	Dr.Vinita Singh	Home Science	Ph.D	Human Nutrition	15600-39100	28920	7.2.2007	Temporary	Others
Sagar	Subject Matter Specialist	Dr. Mamta Singh	Plant Breeding & Genetics	Ph.D	Plant Breeding	15600-39100	28920	13.2.2007	Temporary	Others
Sagar	Subject Matter Specialist	Vacant	-	-	-	-	-	-	-	-
Sagar	Programme Assistant	Sh. R.P.Tripathi	-	B.Com	Law	9300-34800		30.8.08	-	-
Sagar	Farm Manager	Vacant	-	-	-	-	-	-	-	-
Sagar	Computer Programmer	Vacant	-	-	-	-	-	-	-	-
Sagar	Accountant / superintendent	Vacant	-	-	-	-	-	-	-	-
Sagar	Stenographer	Vacant	-	-	-	-	-	-	-	-
Sagar	Driver	Sh. Jagdish Vishwakarma	Driver cum mechanic	8th class		5200-20200	8550	8.7.08		OBC
Sagar	Driver	Sh. Sanjay Agarwal	Driver cum mechanic	12th class		5200-20200	8550	14.7.08		Others
Sagar	Supporting staff	Smt. Usha Tiwari	Peon	8th class		4440-7440	7470	9.5.05		Others
	Supporting staff	Vacant	-	-	-	-	-	-	-	-

2. On Farm Testing

2.1 Information about OFT to be conducted

KVK name	Year/ season	**Problem diagnose**	Category of technology (**Assessment/ Refinement**)	Thematic Area	Crop/ enterprise	Farming Situations	Target	No. of trials	Title of OFT	Results (with parameter)		Net Returns (Rs./ha)	
										Farmer practice T1	Rec. Tech T2	T1	T2
Sagar	Kharif 2014	Low yield (30%) of Soybean due to excessive moisture/stress during cropping period	Assessment (Common)	NRM	Crop-Soybean	Rainfed	4 ha	10	Assessment of different sowing method with short duration varieties in Soybean for water budgeting , T1- farmer practice, T-2 - Sowing by Ridge and Furrow, T-3 - Sowing by BBF				
Sagar	Kharif 2014	Low yield of Soybean due to heavy weed infestation	Assessment	CP	Crop-Soybean	Rain fed	2.0 ha	10	Management of narrow and broad leaved weeds by combined herbicides in Soybean T-2: Spray of fenoxaprp-p- ethyl + Chlorimuron ethyl (1000 ml+37 g/ha) T-3: Spray of imazethapyr + Imizamox 100 g ai @ 1 lit/ha at 25				

									DAS.				
Sagar	Kharif 2014	Low yield (27 %) due to heavy infestation of YVM, moisture stress	Assessment (Common)	IV	Crop-Blackgram	Rain fed	1.0 ha	10	Assessment of Blackgram varieties with ridge bed planting T-1: F. P. (T-9) T-2: PU 35 + Ridge bed planting method T-3: IPU 94-1 + Ridge bed planting.				
Sagar	Rabi 2014-15	Low yield due to wilt incidence	Assessment	IV	Crop-Lentil	Semi-Irrigated	1.0	10	Management of wilt disesase through varietal diversification. T-2: PL-5, T-3: Noori				
Sagar	Rabi 2014-15	Low yield	Assessment	NRM	Crop-Mustard	--	1.0	10	Assesment of System of Mustard intesification in Sagar District. Mustard plants grow in nursery and transplanted within 25-30 days in field				
Sagar	Kharif 2014	Low yield due imbalanced use of fertilizers	Assessment	INM	Crop-Ginger	--	1.0	10	Assessment of INM in Ginger T_2 - Use of FYM @20 tonne/ha + NPK@ 75:50:50 kg/ha T_3 - Use of FYM @20 tonne/ha + NPK@ 75:50:50				

									kg/ha in partial shade condition				
Sagar	Kharif 2014	Low yield due imbalanced use of fertilizers	Assessment	INM	Crop-Soybean	Rain fed	2.0	10	Assessment of INM in Soybean T2 - Use of NPK@ 20:60:40 kg/ha + 20 kg S + 5 kg Zn/ha T3 - Use of FYM + Biofertilizers + 75% NPK@ 20:60:40 kg/ha+ 20 kg S + 5 kg Zn/ha				
Sagar	Rabi 2014-15	Low yield due to imbalance use of fertilizer	Assessment	INM	Crop-Potato	Irrigated	1.0	10	Assessment of INM in Potato T_2: NPK @ 120:100:100 kg/ha T_3: Vermicompost 4 t /ha + NPK @ 120:100:100 kg/ha				
Sagar	Rabi 2014-15	Low yield (31 %) due to inadequate dose of fertilizers with LoK-1 under irrigated late sown condition	Assessment (Common)	INM	Crop-Wheat	Irrigated	0.25	5	Assessment of nutrient management in Wheat under late sown limited irrigation condition T_1 : LOK-1(old variety), Use of NPK @14:35:0 kg/ha [75				

									kgDAP(18:46:0)/ha] T_2: 90:60:40:05, NPKZn @ kg/ha, Zn through ZnSO4 T_3:T2+ Bio-Fertilizer @20g/kg seed treatment)				
Sagar	Round the Year	Partially decomposed matter applied in field pose a number of problems like infestation of disease insect pests and weeds.	Assessment	NRM	Enterprises	Irrigated	-	5	Assessment of bio-waste conversion into vermicompost under different methods of preparation Worm species- 2 1. *Eisenia foetida* 2. Jai Gopal				
Sagar	Kharif 2014	Low yield of Soybean due to heavy infestation of girdle beetle Semilooper and pod borer	Assessment (Common)	IPM	Crop-Soybean	Rainfed	2.0 ha	10	Management of insect -pest in Soybean T-1: Spray of Imazothypre 750 ml + Trizophos 40 EC @ 500 ml/ha at 20-25 DAS T-2: Spray of Imazothypre + Ranaxypyre 20 SC @100 ml/ha at 20-25 DAS + *Buvaria basiana* @ 1.0 lit/ha after 15 days of First spray T-3: Spray of Thiacloprid 21.7 SC				

									@ 750 ml/ha + *Buvaria basiana* @ 1.0 lit/ha after 15 days of First spray				
Sagar	Rabi 2014-15	Low yeild due to local variety (Khazoa), use of Imbalance dose of fertilizers, heavy infestaion of insect pest and incidence of wilt	Assessment (Common)	IPM	Crop-Gram	Irrigated	2.0	10	Assessment of IPM in chichpea for management of wilt and pod borer 12 T1- Local variety (Khazoa) + use of indiscriminate of Pesticides. T2-Deep summer ploughing +JG-16, Seed treatment by tricodarma viride & 5g/kg seed + Vitavex @ 2.5 g/kg of seed T3 - T2+ Pheromone trap@10/ha+ bird percher@50/ha+ spray of Perfenophas@1.5 lit/haof water.				
Sagar	Jaid 2015	**Low yield due to wilt disease in chilli**	Assessment	IDM	Crop-Chilli	Irrigated	1.0	10	Assessment of *Trichoderma viride* for management of wilt in Chilli T1- Seedling treatment @ 10 g/lit of water T2- T-1 + Soil application of *Trichoderma viride* 2.5 kg/ha with FYM				

Sagar	Kharif 2014	Low yield of Tomato in rainy season due to fruit rotting and poor quality of fruit (Affected area 1000 ha.)	Assessment (Common)	NRM & IPM	Crop-tomato	Irrigated	1.0	10	Assessment of stacking practiced in tomato with biological module of IPM. T1: No staking practice. T2: Stacking with bamboo and wire T3:T1+ stacking with bamboo and wire+1 row of marigold with every 16 rows of Tomato+spary ha NPV@250 LE/ha. with 1% Jaggery at 28 35 & 42 DAP.				
Sagar	Kharif-14	Low yield due to old variety and no weed management	Assessment	IV & NRM	Crop-Okra	Irrigated	1.0	10	Assessment of crop management of okra through IWM with high yielding variety of Jhilmil, T-1: Use of low yielding variety and no use of weedicides T2: Jhilmil +hand weeding + ridge and furrow T3:Jhilmil + appilication of Pre-emergence weedicide Pandametheline +planting on ridge				

									and furrow				
Sagar	Rabi 2014-15	Low yield due to improper management	Assessment	INM &IPM	Crop-acidlime	rainfed	-	10	Management in acid lime fruit orchard through pruning , IPM and INM practice T-1: No any management T2: Pruning + INM T3: Pruning + INM + IPM (CoC & Streptocycline)				
Sagar	Rabi 2014-15	Low yield and poor keeping quality due to unappropriate variety and non adoption of integrated approach	Assessment	NRM	Crop-onion	Irrigated	-	10	Assessment of of integrated approaches to increase shelf-life of Onion as PHM T-1: Cultivation of Onion variety Nasik red/N-53 & Use of excessive Nitrogen T-2: Variety AFLR+ No use of excessive nitrogen (only 100 kg/ha), in 2-3 split doses with in 60 DAT and curing T-3: Preharvest pesticide spray to avoid decay of onion in storage as 0.02 % streptocyclene and 0.1 % carbendazim with 2500 ppm MH spray before 10 days harvesting				
Sagar	Kharif-	Low milk	Assessment	LPM- animal	Enterprises	-	-	10	Management of				

	14	production		nutrition					production ration through supplementation of *Azolla* and hitek for cattles T2: Use of *Azolla* @ 1.0 kg/animal/day T3: Use of Hitek @ 1.5 g/150 kg b.wt.+ Use of Hitek @ 1.5 g/150 kg b.wt. of animal				
Sagar	Kharif-14	Low milk production, Delayed maturity and onset of estrous symptoms	Assessment	LPM- Animl nutrition	Enterprises	-	-	10	Management of deficient diet in regards of protein and energy through concentrate feed (pelleted) for prodution enhancement in milch animals T2: Use of concentrate (pelleted) feed @ 2.0 kg/animal/day T3: Use of Oxyclozanide 4.5 g/450 kg b. wt. of animal for three month				
Sagar	Rabi 2014-15	Infection in udder because of subdinical mastitis	Assessment	LPM-Disease management	Enterprises	-	-	10	Management of subclinical mastitis in lactating animals through proper cleanliness of udder by Virson-S				

									T2: Cleanliness of surrounding by white washing. T3: T2+ Vivcon - S for treatment				
Sagar	Rabi 2013-14	Low milk production due to dermal worm load	Assessment	LPM-Disease management	Enterprises	-	-	10	Management of hygiene and sanitation in cattle yard through Flumethrin and external cleanliness for control of tick/mites infestation in large animals T-2: Washing of cattle yard tby Diclorvas 76 SL (Nuvan) T-3: Use of Flumethrin @ 2 ml/lit of water for bathing purpose				
Sagar	Jaid 2014	Heavy infestation of pests during storage	Assessment	WOE- IPM	Enterprises	-	-	10	Management of stored pest in Gram by farm women T-1: Sun drying of seed/ grain T-2: Sun drying of seed to maintain moisture level up to 8-10 % + Gunny Bag treatment by Malathian @ 01ml/lit of water + Mixing of neem leaf powder @ 5 kg/100 kg grains				

									T-3: Sun drying of seed to maintain moisture level up to 8-10 % + Gunney Bag treatment by Malathian @ 01ml/lit of water + EDB ampule @01/100kg grains				
Sagar		Low efficiency and uneven chips size	Assessment	WOE-Value addition	Enterprises	-	-	10	Assessment of chips making machine for drudgery reduction of farm women during potato chips preparation T-2: Use of chips making machine (efficiency 55-60%)				
Sagar	Rabi 2014-15	Low efficiency and heavy work load on farm women	Assessment	WOE-Drudgery reduction	Enterprises	-	-	10	Management of drudgery through Hand hoe and twin wheel hoe for weeding in Brinjal and Chilli among farm women T-1: Manual weeding with Khurpi T-2: Weeding by Hand hoe with improved weeding efficiency (78-83%) T-3: Weeding by twin wheel hoe				
Sagar	Rabi 2014-15	Reduced shelf due to non-availability of storage	Assessment (Common)	WOE-NRM	Enterprise	-	-	5	Assessment of Zero Energy cool chamber to increase				

		facilities.							the shelf life of vegetables T1- Direct selling due to non-avaikability of storage facilities T2- Zero Energy cool chamber (4X2.5X2.5 feet), saving up to 3-5 days, it reduces temperature by 10-15 ^{o}C and maintain high humidity of about 95%				

2.1a Recommendations of OFTs

Recommendations		
Title of OFT	**For Farmers**	**For Deptt. Personnel**
Assessment of different sowing method with short duration varieties in Soybean for water budgeting , T1- farmer practice, T-2 - Sowing by Ridge and Furrow, T-3 - Sowing by BBF		
Management of narrow and broad leaved weeds by combined herbicides in Soybean T-2: Spray of fenoxaprp-p- ethyl + Chlorimuron ethyl (1000 ml+37 g/ha) T-3: Spray of imazethapyr + Imizamox 100 g ai @ 1 lit/ha at 25 DAS.		
Assessment of Blackgram varieties with ridge bed planting T-1: F. P. (T-9) T-2: PU 35 + Ridge bed planting method T-3: IPU 94-1 + Ridge bed planting.		
Management of wilt disesase through varietal diversification. T-2: PL-5, T-3: Noori		
Assesment of System of Mustard intesification in Sagar District.		

Mustard plants grow in nursery and transplanted within 25-30 days in field		
Assessment of INM in Ginger T_2 - Use of FYM @20 tonne/ha + NPK@ 75:50:50 kg/ha T_3 - Use of FYM @20 tonne/ha + NPK@ 75:50:50 kg/ha in partial shade condition		
Assessment of INM in Soybean T2 - Use of NPK@ 20:60:40 kg/ha + 20 kg S + 5 kg Zn/ha T3 - Use of FYM + Biofertilizers + 75% NPK@ 20:60:40 kg/ha+ 20 kg S + 5 kg Zn/ha		
Assessment of INM in Potato T_2: NPK @ 120:100:100 kg/ha T_3: Vermicompost 4 t /ha + NPK @ 120:100:100 kg/ha		
Assessment of nutrient management in Wheat under late sown limited irrigation condition T_1 : LOK-1(old variety), Use of NPK @14:35:0 kg/ha [75 kgDAP(18:46:0)/ha] T_2: 90:60:40:05, NPKZn @ kg/ha, Zn through ZnSO4 T_3:T2+ Bio-Fertilizer @20g/kg seed treatment)		
Assessment of bio-waste conversion into vermicompost under different methods of preparation Worm species- 2 1. *Eisenia foetida* 2. Jai Gopal		
Management of insect -pest in Soybean T-1: Spray of Imazothypre 750 ml + Trizophos 40 EC @ 500 ml/ha at 20-25 DAS T-2: Spray of Imazothypre + Ranaxypyre 20 SC @100 ml/ha at 20-25 DAS + *Buvaria basiana* @ 1.0 lit/ha after 15 days of First spray T-3: Spray of Thiacloprid 21.7 SC @ 750 ml/ha + *Buvaria basiana* @ 1.0 lit/ha after 15 days of First spray		
Assessment of IPM in chichpea for management of wilt and pod borer 12 T1- Local variety (Khazoa) + use of indiscriminate of Pesticides. T2-Deep summer ploughing +JG-16, Seed treatment by tricodarma viride & 5g/kg seed + Vitavex @ 2.5 g/kg of seed T3 - T2+ Pheromone trap@10/ha+ bird percher@50/ha+ spray of Perfenophas@1.5 lit/haof water.		
Assessment of *Trichoderma viride* for management of wilt in Chilli T1- Seedling treatment @ 10 g/lit of water T2- T-1 + Soil application of *Trichoderma viride* 2.5 kg/ha with FYM		
Assessment of stacking practiced in tomato with biological module of IPM. T1: No staking practice. T2: Stacking with bamboo and wire T3:T1+ stacking with bamboo and wire+1 row of marigold with every 16 rows of Tomato+spary ha NPV@250 LE/ha. with 1% Jaggery at 28 35 & 42 DAP.		
Assessment of crop management of okra through IWM with high yielding variety of Jhilmil,		

T-1: Use of low yielding variety and no use of weedicides T2: Jhilmil +hand weeding + ridge and furrow T3:Jhilmil + appilication of Pre-emergence weedicide Pandametheline +planting on ridge and furrow		
Management in acid lime fruit orchard through pruning , IPM and INM practice T-1: No any management T2: Pruning + INM T3: Pruning + INM + IPM (CoC & Streptocycline)		
Assessment of of integrated approaches to increase shelf-life of Onion as PHM T-1: Cultivation of Onion variety Nasik red/N-53 & Use of excessive Nitrogen T-2: Variety AFLR+ No use of excessive nitrogen (only 100 kg/ha), in 2-3 split doses with in 60 DAT and curing T-3: Preharvest pesticide spray to avoid decay of onion in storage as 0.02 % streptocyclene and 0.1 % carbendazim with 2500 ppm MH spray before 10 days harvesting		
Management of production ration through supplementation of *Azolla* and hitek for cattles T2: Use of *Azolla* @ 1.0 kg/animal/day T3: Use of Hitek @ 1.5 g/150 kg b.wt.+ Use of Hitek @ 1.5 g/150 kg b.wt. of animal		
Management of deficient diet in regards of protein and energy through concentrate feed (pelleted) for prodution enhancement in milch animals T2: Use of concentrate (pelleted) feed @ 2.0 kg/animal/day T3: Use of Oxyclozanide 4.5 g/450 kg b. wt. of animal for three month		
Management of subclinical mastitis in lactating animals through proper cleanliness of udder by Virson-S T2: Cleanliness of surrounding by white washing. T3: T2+ Vivcon - S for treatment		
Management of hygiene and sanitation in cattle yard through Flumethrin and external cleanliness for control of tick/mites infestation in large animals T-2: Washing of cattle yard tby Diclorvas 76 SL (Nuvan) T-3: Use of Flumethrin @ 2 ml/lit of water for bathing purpose		
Management of stored pest in Gram by farm women T-1: Sun drying of seed/ grain T-2: Sun drying of seed to maintain moisture level up to 8-10 % + Gunny Bag treatment by Malathian @ 01ml/lit of water + Mixing of neem leaf powder @ 5 kg/100 kg grains T-3: Sun drying of seed to maintain moisture level up to 8-10 % + Gunney Bag treatment by Malathian @ 01ml/lit of water + EDB ampule @01/100kg grains		
Assessment of chips making machine for drudgery reduction of farm women during potato chips preparation T-2: Use of chips making machine (efficiency 55-60%)		
Management of drudgery through Hand hoe and twin wheel hoe for weeding in Brinjal and Chilli among farm women T-1: Manual weeding with Khurpi		

T-2: Weeding by Hand hoe with improved weeding efficiency (78-83%) T-3: Weeding by twin wheel hoe		
Assessment of Zero Energy cool chamber to increase the shelf life of vegetables T1- Direct selling due to non-avaikability of storage facilities T2- Zero Energy cool chamber (4X2.5X2.5 feet), saving up to 3-5 days, it reduces temperature by 10-15 ^{o}C and maintain high humidity of about 95%		

2.2 Economic Performance

KVK name	OFT Title	Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
		FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP(T_2)	FP (T_1)	RP (T_2)
Sagar	Assessment of different sowing method with short duration varieties in Soybean for water budgeting , T1- farmer practice, T-2 - Sowing by Ridge and Furrow, T-3 - Sowing by BBF								
Sagar	Management of narrow and broad leaved weeds by combined herbicides in Soybean T-2: Spray of fenoxaprp-p- ethyl + Chlorimuron ethyl (1000 ml+37 g/ha) T-3: Spray of imazethapyr + Imizamox 100 g ai @ 1 lit/ha at 25 DAS.								
Sagar	Assessment of Blackgram varieties with ridge bed planting T-1: F. P. (T-9) T-2: PU 35 + Ridge bed planting method T-3: IPU 94-1 + Ridge bed planting.								
Sagar	Management of wilt disesase through varietal								

	diversification. T-2: PL-5, T-3: Noori								
Sagar	Assesment of System of Mustard intesification in Sagar District. Mustard plants grow in nursery and transplanted within 25-30 days in field								
Sagar	Assessment of INM in Ginger T_2 - Use of FYM @20 tonne/ha + NPK@ 75:50:50 kg/ha T_3 - Use of FYM @20 tonne/ha + NPK@ 75:50:50 kg/ha in partial shade condition								
Sagar	Assessment of INM in Soybean T2 - Use of NPK@ 20:60:40 kg/ha + 20 kg S + 5 kg Zn/ha T3 - Use of FYM + Biofertilizers + 75% NPK@ 20:60:40 kg/ha+ 20 kg S + 5 kg Zn/ha								
Sagar	Assessment of INM in Potato T_2: NPK @ 120:100:100 kg/ha T_3: Vermicompost 4 t /ha + NPK @ 120:100:100 kg/ha								
Sagar	Assessment of nutrient management in Wheat under late sown limited irrigation condition T_1 : LOK-1(old variety), Use of NPK @14:35:0 kg/ha [75 kgDAP(18:46:0)/ha] T_2: 90:60:40:05, NPKZn @ kg/ha, Zn through ZnSO4 T_3:T2+ Bio-Fertilizer @20g/kg seed treatment)								
Sagar	Assessment of bio-waste conversion into vermicompost under different methods of preparation Worm species- 2 1. *Eisenia foetida* 2. Jai Gopal								
Sagar	Management of insect -pest in Soybean								

	T-1: Spray of Imazothypre 750 ml + Trizophos 40 EC @ 500 ml/ha at 20-25 DAS T-2: Spray of Imazothypre + Ranaxypyre 20 SC @100 ml/ha at 20-25 DAS + *Buvaria basiana* @ 1.0 lit/ha after 15 days of First spray T-3: Spray of Thiacloprid 21.7 SC @ 750 ml/ha + *Buvaria basiana* @ 1.0 lit/ha after 15 days of First spray								
Sagar	Assessment of IPM in chichpea for management of wilt and pod borer 12 T1- Local variety (Khazoa) + use of indiscriminate of Pesticides. T2-Deep summer ploughing +JG-16, Seed treatment by tricodarma viride & 5g/kg seed + Vitavex @ 2.5 g/kg of seed T3 - T2+ Pheromone trap@10/ha+ bird percher@50/ha+ spray of Perfenophas@1.5 lit/haof water.								
Sagar	Assessment of *Trichoderma viride* for management of wilt in Chilli T1- Seedling treatment @ 10 g/lit of water T2- T-1 + Soil application of *Trichoderma viride* 2.5 kg/ha with FYM								
Sagar	Assessment of stacking practiced in tomato with biological module of IPM. T1: No staking practice. T2: Stacking with bamboo and wire T3:T1+ stacking with bamboo and wire+1 row of marigold with every 16 rows of Tomato+spary ha NPV@250 LE/ha. with 1% Jaggery at 28 35 & 42 DAP.								
Sagar	Assessment of crop management of okra through IWM with high yielding variety of								

	Jhilmil, T-1: Use of low yielding variety and no use of weedicides T2: Jhilmil +hand weeding + ridge and furrow T3:Jhilmil + appilication of Pre-emergence weedicide Pandametheline +planting on ridge and furrow								
Sagar	Management in acid lime fruit orchard through pruning , IPM and INM practice T-1: No any management T2: Pruning + INM T3: Pruning + INM + IPM (CoC & Streptocycline)								
Sagar	Assessment of of integrated approaches to increase shelf-life of Onion as PHM T-1: Cultivation of Onion variety Nasik red/N-53 & Use of excessive Nitrogen T-2: Variety AFLR+ No use of excessive nitrogen (only 100 kg/ha), in 2-3 split doses with in 60 DAT and curing T-3: Preharvest pesticide spray to avoid decay of onion in storage as 0.02 % streptocyclene and 0.1 % carbendazim with 2500 ppm MH spray before 10 days harvesting								
Sagar	Management of production ration through supplementation of *Azolla* and hitek for cattles T2: Use of *Azolla* @ 1.0 kg/animal/day T3: Use of Hitek @ 1.5 g/150 kg b.wt.+ Use of Hitek @ 1.5 g/150 kg b.wt. of animal								
Sagar	Management of deficient diet in regards of protein and energy through concentrate feed (pelleted) for prodution enhancement in milch animals T2: Use of concentrate (pelleted) feed @ 2.0 kg/animal/day								

	T3: Use of Oxyclozanide 4.5 g/450 kg b. wt. of animal for three month								
	Management of subclinical mastitis in lactating animals through proper cleanliness of udder by Virson-S T2: Cleanliness of surrounding by white washing. T3: T2+ Vivcon - S for treatment								
	Management of hygiene and sanitation in cattle yard through Flumethrin and external cleanliness for control of tick/mites infestation in large animals T-2: Washing of cattle yard tby Diclorvas 76 SL (Nuvan) T-3: Use of Flumethrin @ 2 ml/lit of water for bathing purpose								
	Management of stored pest in Gram by farm women T-1: Sun drying of seed/ grain T-2: Sun drying of seed to maintain moisture level up to 8-10 % + Gunny Bag treatment by Malathian @ 01ml/lit of water + Mixing of neem leaf powder @ 5 kg/100 kg grains T-3: Sun drying of seed to maintain moisture level up to 8-10 % + Gunney Bag treatment by Malathian @ 01ml/lit of water + EDB ampule @01/100kg grains								
	Assessment of chips making machine for drudgery reduction of farm women during potato chips preparation T-2: Use of chips making machine (efficiency 55-60%)								
	Management of drudgery through Hand hoe and twin wheel hoe for weeding in Brinjal and Chilli among farm women T-1: Manual weeding with Khurpi T-2: Weeding by Hand hoe with improved weeding efficiency (78-83%)								

	T-3: Weeding by twin wheel hoe								
	Assessment of Zero Energy cool chamber to increase the shelf life of vegetables T1- Direct selling due to non-avaikability of storage facilities T2- Zero Energy cool chamber (4X2.5X2.5 feet), saving up to 3-5 days, it reduces temperature by 10-15 ^{o}C and maintain high humidity of about 95%								

3. Frontline Demonstrations

3.1. Follow-up for results of FLDs implemented during previous years (upto 2013-14)

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

KVK Name	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
Sagar	Soybean						
Sagar	Blackgram						
Sagar	Tomato						
Sagar	Animals						

3.2 Details of FLDs to be implemented during 2013-14

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop- Area (ha) / Enterprise - No.	Name of Variety Enterprises	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total

Sagar	ICM	Crop	Kharif 2014	Improved package of practices for Soybean (Variety- JS-9560, Seed treatment with Vitavax power @ 2gm/kg seed, Seed inocultion with Rhizobium & PSB, Use of NPKS@ 20:60:20:20 kg/ha + Insect control by Trizophos @1lit/ha at 20 DAS)	5 ha	JS 95-60								
Sagar	ICM	Crop	Kharif 2014	Improved package of practices for pigeonpea (Variety- TJT 501, Seed treatment with Vitavax power, Seed inocultion with Rhizobium & PSB, NPK@ 20:50:20 kg/ha + 20 kg S (through bentonite Sulpher) + Spray of *Buvria bsiana* for management of pod borer)	5 ha	TJT 501								
Sagar	ICM	Crop	Kharif 2014	Transplanting of 30 days old nursery of pigeonpea at 30 cm plant to plant spacing & 60 cm row to row spacing with intercropping of Soybean (6:1)	1 ha	TJT 501								
Sagar	IV	Crop	Rabi 2014-15	Improved variety of wheat (JW 3211) under limited irrigation condition	2.0	JW 3211								
Sagar	IV	Crop	Rabi 2014-15	Improved variety of chickpea (JG 130)	2.0	JG 130								
Sagar	INM	Crop-Chickpea	Kharif	Molybdenum management in chickpea (Application of NPK @ 20:60:20 kg/ha +Zn@ 5 kg/ha + Use of Ammonium molybdate @ 1.0 gram/kg seed for seed coating + Basel application @ 1.0 kg/ha)	2.0	JG 130								

Sagar	INM	Crop-vegetable pea	Rabi	INM in vegetable pea (Application of FYM + Biofertilizers + NPK@ 20:60:20 kg/ha+ 20 kg S (through SSP)+ 5 kg Zn/ha)	1.0 ha	Arkle								
Sagar	IV-HOV	Crop-cucumber	Kharif 2014	Parthenocarpic variety - Keyon of Cucumber in net house	0.5 ha	Keyon								
Sagar	IWM-HOV	Crop-Ginger	Kharif 2014	Demonstration of IWM (Mulching just after sowing and one hand hoeing at 20 DAS+ Pendemethylene 30 EC as pre emergence 20 days after hoeing @ 3.5 lt/ha) in ginger	1.0ha	Suprabha								
Sagar	IWM-HOV	Crop- Onion	Rabi 2014-15	Demonstration on integrated weed management (One hand weeding at 20 DAT + Quizalophop 5%EC + Oxyflorefen 23.5%EC (Targasuper+ Zargone) , @ 750 ml & 250 ml/ha Spray at the time of 4-5 leaf stage) in Onion	2.0 ha	Nasik Red								
Sagar	IV-HOV	Crop-Brinjal	Rabi 2014-15	High yielding variety -Hariya of Brinjal	1 ha	Hariya								
Sagar	IPM	Crop-Soybean	Kharif 2014	Management of girdle beetle in soybean (Spray of Thiacloprid 21.7 SC 750 ml/ha)	2.0	JS 335								

Sagar	IDM	Crop- Chilli	Jaid 2015	Management of bacterial wilt in chilli (Seedling treatment with Kasugamycin 1 ml/lit of water and soil drenching with CoC 2.0 g/lit of water)	2.0 ha	VNR 219								
Sagar	IDM	Crop- Potato	Rabi 2014-15	Management of Alternaria blight in potato (Tuber treatment and foliar spray of Carbendazim + mencozeb @2gm/lit of water for control of Alternaria blight in potato)	2	Kufri Badshah								
Sagar	IPM	Crop- Cauliflower	Rabi 2014-15	Management of insects in cauliflower (Soil application of Fipronil @ 15 kg/ha + installation of pheromone trape @ 10 no./ha + Spray of Cartap hydrochloride@ 1.0 Kg/ha for cotrol of insect in cauliflower)	1.0 ha	Pusa snowal								
Sagar	LPM	Crop- Bajra	Kharif 2014	*MP Chari* as green fodder for milch animals	1.0 ha	Bajra chari								
Sagar	LPM	Enterprises	Kharif 2014	Demonstration of broad spectrum dewormer (Suprazole) to reduce worm load + Mineral supplementation (Agrimin forte) to enhance milk production of milch animals	10 No	--								
Sagar	LPM	Crop- Berseem	Rabi 2014-15	Berseem as green fodder for milch animals in rabi season	1.0 ha	JB1								
Sagar	WOE	Enterprises- drudgery reduction	Round the year	Use of double screen hanging grain cleaner for drudgery reduction during cleaning of seed round the year	10 No	--								
Sagar	WOE	Enterprises- Income generation	Round the year	Income generation through nursery raising of seasonal vegetables	0.05 ha	--								

Sagar	WOE	Enterprises-Income generation	Rabi 2014-15	Establishment of kitchen garden for nutritional security	0.5	Hybrids								
Sagar	WOE	Enterprises-Income generation	Rabi 2014-15	Aonla value addition for income generation of farm women	10 No	---								

3.3 Economic Impact of FLD

KVK Name	Name of Crop/ Enterprise	Technology demonstrated	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Local Check
Sagar	Soybean	Improved package of practices for Soybean (Variety-JS-9560, Seed treatment with Vitavax power @ 2gm/kg seed, Seed inocultion with Rhizobium & PSB, Use of NPKS@ 20:60:20:20 kg/ha + Insect control by Trizophos @1lit/ha at 20 DAS)											

Sagar	Pigeonpea	Improved package of practices for pigeonpea (Variety-TJT 501, Seed treatment with Vitavax power, Seed inocultion with Rhizobium & PSB, NPK@ 20:50:20 kg/ha + 20 kg S (through bentonite Sulpher) + Spray of *Buvria bsiana* for management of pod borer)											
Sagar	Pigeonpea	Transplanting of 30 days old nursery of pigeonpea at 30 cm plant to plant spacing & 60 cm row to row spacing with intercropping of Soybean (6:1)											
Sagar	Wheat	Improved variety of wheat (JW 3211) under limited irrigation condition											

Sagar	Chickpea	Improved variety of chickpea (JG 130)											
Sagar	Chickpea	Molybdenum management in chickpea (Application of NPK @ 20:60:20 kg/ha +Zn@ 5 kg/ha + Use of Ammonium molybdate @ 1.0 gram/kg seed for seed coating + Basel application @ 1.0 kg/ha)											
Sagar	Vegetable pea	INM in vegetable pea (Application of FYM + Biofertilizers + NPK@ 20:60:20 kg/ha+ 20 kg S (through SSP)+ 5 kg Zn/ha)											
Sagar	Cucumber	Parthenocarpic variety - Keyon of Cucumber in net house											

Sagar	Ginger	Demonstration of IWM (Mulching just after sowing and one hand hoeing at 20 DAS+ Pendemethylene 30 EC as pre emergence 20 days after hoeing @ 3.5 lt/ha) in ginger											
Sagar	Onion	Demonstration on integrated weed management (One hand weeding at 20 DAT + Quizalophop 5%EC + Oxyflorefen 23.5%EC (Targasuper+ Zargone) , @ 750 ml & 250 ml/ha Spray at the time of 4-5 leaf stage) in Onion											
Sagar	Brinjal	High yielding variety -Hariya of Brinjal											
Sagar	Soybean	Management of girdle beetle in soybean (Spray of Thiacloprid 21.7 SC 750 ml/ha)											

Sagar	Chilli	Management of bacterial wilt in chilli (Seedling treatment with Kasugamycin 1 ml/lit of water and soil drenching with CoC 2.0 g/lit of water)											
Sagar	Potato	Management of Alternaria blight in potato (Tuber treatment and foliar spray of Carbendazim + mencozeb @2gm/lit of water for control of Alternaria blight in potato)											
Sagar	Cauliflower	Management of insects in cauliflower (Soil application of Fipronil @ 15 kg/ha + installation of pheromone trape @ 10 no./ha + Spray of Cartap hydrochloride@ 1.0 Kg/ha for cotrol of insect in cauliflower)											
Sagar	MP Chari	*MP Chari* as green fodder for milch animals											

Sagar	LPM	Demonstration of broad spectrum dewormer (Suprazole) to reduce worm load + Mineral supplementation (Agrimin forte) to enhance milk production of milch animals											
Sagar	Fodder	Berseem as green fodder for milch animals in rabi season											
Sagar	Enterprises	Use of double screen hanging grain cleaner for drudgery reduction during cleaning of seed round the year											
Sagar	Enterprises	Income generation through nursery raising of seasonal vegetables											
Sagar	Enterprises	Establishment of kitchen garden for nutritional security											
Sagar	Enterprises	Aonla value addition for income generation of farm women											

3.4 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Sagar	Soybean	Field days	02		
		Farmers Training	02		
		Media coverage	01		
		Training for extension functionaries	02		
Sagar	Pigeonpea	Field days	01		
		Farmers Training	02		
		Media coverage	01		
		Training for extension functionaries	01		
Sagar	Gram	Field days	02		
		Farmers Training	02		
		Media coverage	01		
		Training for extension functionaries	01		
Sagar	Tomato	Field days	01		
		Farmers Training	02		
Sagar	Wheat	Field days	01		
		Farmers Training	02		
		Training for extension functionaries	01		
Sagar	Cauliflower	Field days	01		
		Farmers Training	01		
Sagar	Chilli	Field days	01		
		Farmers Training	01		

3.5 Details of FLD on crop hybrids

Sr. No.	Name of the KVK	Name of the Crop	Name of the Hybrids	Source of Hybrid (Institute/Firm)	No. of farmers	Area in ha.
1	Sagar					

4. Feedback System

4.1. Feedback of the Farmers to KVK

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption
Sagar				

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Sagar	

5. TRAINING PROGRAMMES

Table 5.1: Documentation of the need assessment conducted by the KVK for the training programme

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. Of participants to be involved
Sagar	F/FW	PRA		
	RY	PRA		
	In-service	Group dicussion		

Table 5.2. Details of Training programmes to be conducted by the KVKs.

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
SAGAR	F/FW	OFC	OTH	Importance of Seeds & deferent method of germination test	1	1	25								
SAGAR	F/FW	OFC	CP	Different methods of cleaning and grading of rabi crops	1	1	25								
SAGAR	F/FW	OFC	CP	Planning for kharif seed Production and germination test	1	1	25								
SAGAR	F/FW	OFC	AEG	Ridge & furrow sowing method of soybean & its importance	1	1	25								
SAGAR	F/FW	OFC	OTH	Seed production technique of soybean	1	1	25								
SAGAR	F/FW	OFC	OTH	Seed production technique of Urd.	1	1	25								
SAGAR	F/FW	OFC	OTH	Seed Production Technique of Soybean.	1	1	25								

SAGAR	F/FW	OFC	OTH	Seed Production Technique of Black gram	1	1	25									
SAGAR	F/FW	OFC	OTH	Weed management on soybean	1	1	25									
SAGAR	F/FW	OFC	OTH	Roughing Technique in Soybean.	1	1	25									
SAGAR	F/FW	OFC	OTH	Seed Production techniques of Gram.	1	1	25									
SAGAR	F/FW	OFC	CP	Cultivation Practices of Lentil.	1	1	25									
SAGAR	F/FW	OFC	CP	Production Technology of Wheat.	1	1	25									
SAGAR	F/FW	OFC	CRP	Weed Management in Wheat	1	1	25									
SAGAR	F/FW	OFC	CRP	Rouging techniques in wheat.	1	1	25									
SAGAR	F/FW	OFC	CRP	Production Technology of Whet & Gram	1	1	25									
SAGAR	F/FW	ONC	SFM	Green manuring and its importance	1	1	25									
SAGAR	F/FW	ONC	SFM	Micro nutrient deficiency in rabi crops Specially in chick Pea.	1	1	25									
SAGAR	F/FW	ONC	SFM	Nutrient Use Efficiency of rabi cereals, oilseeds and pulses	1	1	25									
SAGAR	F/FW	ONC	SFM	Production and use of organic inputs	1	1	25									
SAGAR	F/FW	OFC	SFM	Ideal soil sampling and storage	2	2	50									
SAGAR	F/FW	OFC	SFM	Soil fertility management with respect to kharif pulses	1	1	25									
SAGAR	F/FW	OFC	SFM	INM in kharif crops	1	1	25									
SAGAR	F/FW	OFC	SFM	INM in rabi crops	1	1	25									
SAGAR	F/FW	OFC	SFM	Production and use of vermi-compost	1	1	25									

SAGAR	F/FW	OFC	SFM	Nutrient Use Efficiency of rabi cereals, oilseeds and pulses	1	1	25								
SAGAR	F/FW	OFC	HOV	Care and management of orchards	1	1	25								
SAGAR	F/FW	OFC	HOV	Production technology of Okra	1	1	25								
SAGAR	F/FW	ONC	PLP	Management of ginger and turmeric crops.	1	1	25								
SAGAR	F/FW	OFC	HOV	Production technology of Mango and Guava	1	1	25								
SAGAR	F/FW	OFC	HOV	Nursery management of rabi vegetable crops	1	1	25								
SAGAR	F/FW	OFC	HOV	Production technology of off Season Cucumber in net houses	1	1	25								
SAGAR	F/FW	OFC	HOF	Pre and Post harvest management of Onion.	1	1	25								
SAGAR	F/FW	OFC	HOF	Care and management of orchards	1	1									
SAGAR	F/FW	ONC	PLP	Safe storage of food grain	1	1	25								
SAGAR	F/FW	OFC	PLP	Pest management in summer vegetables	1	1	25								
SAGAR	F/FW	ONC	SFM	Method of seed and soil treatment and its important	1	1	25								
SAGAR	F/FW	OFC	PLP	Production Technology of Pigeonpea	1	1	25								
SAGAR	F/FW	OFC	PLP	IPM in Soybean	1	1	25								
SAGAR	F/FW	OFC	PLP	IPM in Black gram	1	1	25								
SAGAR	F/FW	OFC	PLP	Safe storage of kharif produce	1	1	25								
SAGAR	F/FW	OFC	PLP	Wilt disease control in pulses	1	1	25								
SAGAR	F/FW	OFC	PLP	Production technology of Chickpea	1	1	25								
SAGAR	F/FW	OFC	CP	IPM in Rabi crops	1	1	25								
SAGAR	F/FW	OFC	CP	IPM in solaneceous vegetables	1	1	25								
SAGAR	F/FW	OFC	PLP	IPM in potato crop	1	1	25								

SAGAR	F/FW	OFC	PLP	Safe storage of food grains	1	1	25									
SAGAR	F/FW	OFC	PLP	Pest management in summer vegetables	1	1	25									
SAGAR	F/FW	OFC	WOE	Child care	1	1	25									
SAGAR	F/FW	OFC	WOE	Low cost nutritious diet preparation using locally available foods	1	1	25									
SAGAR	F/FW	OFC	WOE	Nursery management for income generation	1	1	25									
SAGAR	F/FW	ONC	PIS	Use of women friendly equipments for drudgery reduction	1	1	25									
SAGAR	F/FW	OFC	WOE	Mango preservation	1	1	25									
SAGAR	F/FW	OFC	WOE	Food spoilage	1	1	25									
SAGAR	F/FW	OFC	WOE	Use of linseed for human health	1	1	25									
SAGAR	F/FW	OFC	WOE	Drying of vegetables and fruits	1	1	25									
SAGAR	F/FW	OFC	WOE	Nutritional gardening-Establishment and importance	1	1	25									
SAGAR	F/FW	ONC	WOE	Aonla Preservation	1	1	25									
SAGAR	F/FW	OFC	WOE	Value addition of Soybean	1	1	25									
SAGAR	F/FW	OFC	OTH	Use of food additives	1	1	25									
SAGAR	F/FW	OFC	LPM	Milch breed of Cattles and care of Newly born calves .	1	1	25									
SAGAR	F/FW	OFC	LPM	Computation of ration for production and reproduction in cattle's and buffaloes	1	1	25									
SAGAR	F/FW	OFC	LPM	Breeds of Goats, Their nutrition and management on rural area.	1	1	25									
SAGAR	F/FW	OFC	LPM	Information regarding bacterial, viral and Proto 20 al disease of milch animals their preventive Measures	1	1	25									
SAGAR	F/FW	OFC	LPM	Vaccination schedule of large, small animals and	1	1	25									

				poultry importance of deworming											
SAGAR	F/FW	OFC	LPM	Care of animals during summer season.	1	1	25								
SAGAR	F/FW	OFC	LPM	Care of animals during Winter season.	1	1	25								
SAGAR	F/FW	OFC	LPM	Care of animals during Rainy season.	1	1	25								
SAGAR	F/FW	OFC	LPM	Techniques of feeding animals during scarcity period. "Methods of Hay and silage making .	1	1	25								
SAGAR	F/FW	ONC	LPM	Installation of dairy unit/ Poultry in rural area.	1	1	25								
SAGAR	IS	ONC	CP	Production technology of Soybean	1	1	25								
SAGAR	IS	ONC	INM	Resource management for better crop production and soil health	1	1	25								
SAGAR	IS	ONC	INM	Integrated Nutrient management in rabi crops	1	1	25								
SAGAR	IS	ONC	HOV	Plantation and production technology of Papaya, Guava, Aonla etc.	1	1	25								
SAGAR	IS	ONC	HOV	Production technology of Onion Garlic and Tomato	1	1	25								
SAGAR	IS	ONC	PLP	IPM in Kharif crops	1	1	25								
SAGAR	IS	ONC	PLP	IPM in rabi crops	1	1	25								
SAGAR	IS	ONC	WOE	Malnutrition and its management	1	1	25								
SAGAR	IS	ONC	LPM	Artificial insemination and breeding.	1	1	25								
SAGAR	IS	ONC	LPM	Contagious & Enzoonotic diseases animals and their prevention.	1	1	25								

Table 5.3. Details of Vocational training programmes for Rural Youth to be conducted by the KVKs

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries					
					SC		ST		Others	
					M	F	M	F	M	F
Sagar	Seed Production of Kharif crops	Crop	CP	3						
Sagar	Seed Production of Rabi crops	Crop	CP	3						
Sagar	Production technique of vermicompost	Enterprise	INM	5						
Sagar	Production nd use NADEP Compost	Enterprise	INM	3						
Sagar	Production technology of tomato, ginger, chili etc.	Crop	HOV	5						
Sagar	Production Technology of cucurbitaceous Vegetable.	Crop	HOV	4						
Sagar	Oyster mushroom production technology	Enterprise	PLP	2						
Sagar	Maintenance of plant protection equipments	Enterprise	PLP	3						
Sagar	Urea treatment of straw for enhancement of milk Production in cattle's	Enterprise	LPM	4						
Sagar	Causes of diseases and management	Enterprise	LPM	4						
Sagar	Tailoring and stitching of garments	Enterprise	WOE	15						
Sagar	Preservation of fruits and vegetables	Crop	WOE	5						

Table 5.4. Details of training programme to be conducted for Livelihood Security in rural areas by the KVKs

Name of KVK	Training title	Self employed after training			Number of persons employed else where
		Type of units	Number of units	Number of persons employed	
Sagar					

Table 5.5. Sponsored Training Programmes

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Dura-tion (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		
Sagar	Seed production	CP		FW	30	02							M.P. Govt	2,96,000
Sagar	Fruits and vegetable preservation	Value addition		FW	40	01							M.P. Govt	1,78,000
Sagar	MPWSRP	CP			01	05							MP Govt.	-

Table 5.6 Training Programmes for Panchayatiraj Institutions Office-bearers & members

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Dura-tion (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		
Sagar	-	-	--	-	-	-	-	-	-	-		--	-	-

Table 5.7 Evaluation/Follow up & Impact of the training programmes conducted by the KVK (all types of trainings)

Name of KVK	Title of the training	No. of trainees	Change in knowledge (Score)		Change in Production (q/ha)		Change in Income (Rs)		Impact on 1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
			Before	After	Before	After	Before	After	
Sagar	Ex-trainees meet	02							

6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
Sagar	Field Day	9										
Sagar	Kisan Mela	1										
Sagar	Kisan Ghosthi	2										
Sagar	Exhibition	2										
Sagar	Film Show	24										
Sagar	Method Demonstrations	4										
Sagar	Farmers Seminar	1										
Sagar	Workshop	-										
Sagar	Group meetings	9										
Sagar	Lectures delivered as resource persons	63										
Sagar	Newspaper coverage	19										
Sagar	Radio talks	19										
Sagar	TV talks	6										
Sagar	Popular Articles	27										
Sagar	Extension Literature	13										
Sagar	Farm Advisory Services	-										
Sagar	Scientific visit to farmers field	72										
Sagar	Farmers Visit to KVK	22										
Sagar	Diagnostic Visits	7										
Sagar	Exposure Visits	1										
Sagar	Ex-trainees Sammelan	2										
Sagar	Soil Health Camp	2										
Sagar	Animal Health Camp	2										
Sagar	Agri Mobile Clinic	-										
Sagar	Soil Test Campaigns	4										
Sagar	Farm Science Club conveners meet	1										
Sagar	Self Help Group conveners meetings	3										
Sagar	Mahila Mandal Conveners	4										
Sagar	Special day celebration	4										

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
Sagar	Farmers group meeting	6										
Sagar	Interface With farmers Scientist	4										

7. Production and supply of Technological products

7.1 SEED production KVK Name	Major group/class	Crop	Variety	Type of produce (for Seed produced type here SD; For Planting Material type here PM)	Quantity	Unit for quantity of produces (qtl for SD and Nos for PM)	Value (Rs.)	Provided to No. of Farmers
Sagar	Cereals	Wheat	JW 3211					
Sagar	Pulses	Gram	JG 63					
Sagar	Oilseed	Soybean	JS 9305					

7.2 Planting Material production

KVK Name	Major group/class	Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
						Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Sagar	Seedling	Tomato						12000			
Sagar	Seedling	Chilli						12000			
Sagar	Seedling	Brinjal						10000			
Sagar	Seedling	Cauliflower						5000			
Sagar	Seedling	Cabbage						5000			
Sagar	Seedling	Onion						100kg			
Sagar	Seedling	Jaint chilli						5000			
Sagar	Sapling	Papaya, Mango, Guava, Acid lime						2000			

7.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

KVK Name	Name of the	Qty	Amount (Rs.)	Remarks

	Product		Cost of inputs	Gross income	
Sagar	**BIOAGENTS**	*10 kg*			
Sagar	**BIOFERTILIZERS**	50 kg			
Sagar	**BIO PESTICIDES**	--			

7.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
Sagar	**Cattle**	-					
Sagar	**Buffalo**	--					
Sagar	**Sheep and Goat**	-					
Sagar	**Poultry**	-					
Sagar	**Fisheries**	-					
Sagar	**Others**	-					

8. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : YES

Year of establishment : 2004

8.1 Details of soil & water samples analyzed so far :

KVK Name	Type	No. of Samples	No. of Farmers	No. of Villages	Amount released	Resources to be generated
Sagar	Soil Sample	500	350	25	-	-
Sagar	Water Sample	-	-	-	-	-

9. Rainwater Harvesting, if available.

Training programmes to be conducted by using Rainwater Harvesting Demonstration Unit

Name of KVK	Date	Title of the training course	Client (PF/RY/EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/STParticipants		
					Male	Female	Total	Male	Female	Total
Sagar										

10. **Kisan Mobile Advisory (KVK-KMA)**

KVK Name	No. of messages to be sent	No. of beneficiaries		Major recommendations
		Farmers	Ext. Pers.	

Sagar	50	16000	200	Agriculture, Horticulture, veterinary, women in Agriculture, climater

11. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Sagar	Pre- Kharif - 29.5.2014		
Sagar	Pre-Rabi - (to be communicated by JNKVV)		

12. Literature to be Last Developed/Published (with full title, author & reference)

12.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies to be printed	Number of copies to be distributed
Sagar	April-June	Quaterly	500	
Sagar	July-Sept	Quaterly	500	
Sagar	October-Dec	Quaterly	500	
Sagar	Jan- March	Quaterly	500	

12.2 Details of Electronic Media to be Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Sagar	CD	Insect control in Soybean	01
Sagar	CD	Onion cultivation	01

12.3 PUBLICATIONS

Category	Number	Date of start	Periodicity	Number of copies to be printed	Number of copies to be distributed
Research Paper	05	Type	Title	Author's name	Number of copies
Technical bulletins	02				
Technical reports	05				
Popular article	10				
News paper coverage	10				
Year Planner	01				
Others (pl. specify)	-				

13. Convergence with various agricultural schemes (Central & State sponsored)

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
Sagar	ATMA			Training, Visit		
Sagar	MNREGA			-		
Sagar	NHM			Training		

Sagar	RKVY			-		
Sagar	DRDA			-		
Sagar	Zila Panchyat			--		
Sagar	Seed Village			Training		
Sagar	NAIP			-		
Sagar	Climate Change			-		
Sagar	Others (Plz. Specify)			-		

14. Utilization of Farmers Hostel.

Accommodation available (No. of beds): Under construction

KVK Name	Months	Year	Title of the training course	Duration of training	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
Sagar							

15. Utilization of Staff Quarters. Under construction

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
Sagar					
Sagar					
Sagar					

16. Details of KVK Agro-technological Park –

a) Have you prepared layout plan, where sent? Yes, ZPD, Zone VII, ICAR Jabalpur

Sr .No.	Name of KVK	Technology park proposal developed(yes/no)	If yes, where sent?(ZPD/DES/any other,pl. sp.)
1	**Sagar**	**Yes**	**Yes**

b) Details about Technology Park

Name of KVK	Name of Component of Park	Season	Detail Information (If established)
Sagar	Crop Cafeteria	**Kharif**	Soybean- JS335, 9305, 9752, 9560, 2024, 2034, NRC-7, NRC 37, NRC12, MAUS 47 Blackgram - JU-86, LBG-20, PU-35, PU-30, IPU-94-1 Greengram- TM-99-37, JM-721, TJM-3, Pusa vishal, PDM-139
		Rabi	Gram- JG- 63, 130, 16,11,14, JAKI 9218, Vijay Lentil- JL-1, JL-3, DPL-62, PL-5, Anoori Linseed- JLS-9, JLS-27, JLS-66, JLS-67, Padmini Wheat- Rainfed- JW 17, Sujata, HI 1500, C-306, H 2004 Wheat- Limited Irrigation - JW-3020, JW-3211, JW 3173, MP 3269, HI 1531

			Wheat- Irrigation- GW-366, GW-322, HI 1544, MP 1106, JW 1142
		Vegetable	Brinjal- PPL, Harihar (hybrid), PPC, Pusa bindas, Pusa uttam Chilli- California wonder, Natasha, Pusa Jawala, MR 219 Tomato- Himshikhar, NP (5005), H-86, S-22, Kanchan-21, Abhishek, Avinash Pea- AP-1, GS 10, AP-3, PB 89, PSM-3, Pusa Pragati Spinach- Pusa Harit, All green, Pusa Bharti, Benergy gentle Radish- Pusa himani, Japanese White, Pusa Chetki Fenugreek- Pusa early bunchy, RMT-1, Pusa kasoori
	Technology Desk		-
	Visitors Gallery		-
	Technology Exhibition		High density Guava, Drip in guava, sprinkler in Amla, Nursery, Vegetables in Poly house
	Technology Gate-Valve		-

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1.	Demonstration of improved varieties(Kharif)	3 Crops- Soybean, Urd , Mung,
2.	Demonstration of improved varieties (Rabi)	5Crops-Wheat, Gram, Lentil, Linseed, Mustard
3	Kitchen garden cum vegetable crop cafetaria	15 crops

17. Farm Innovators- list of 10 Farm Innovators from the District

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1	Sagar	Saligram	Various Horticulture Crops	Semrabag Block- Sagar Mob- 9300277994
2	Sagar	Shobharam/ Babulal patel	Tamato, Chilli, Onion, Capsicum	Mankyai Block- Jaisinagar Mob- 9993306612
3	Sagar	Smt. Nirmal Sharma/ Yogesh Sharma	Vegetable Cultivation in polihouse	Vill- BErkhedi toda mob- 9425464102
4	Sagar	Tejram	Tamato, Chilli, Onion, Capsicum	Vill- Chitora Block Sagar Mob- 7869589621
5	Sagar	Makhan singh	Soyabean, Wheat/Gram	Vill- Chitora Block Sagar Mob-9179402907
6	Sagar	Tulsiram	Integrated Farming	Vill- Guarjhamar Block Surkhi Mob- 9993164533

7	Sagar	Indraj Kurmi	Soyabean, Wheat/Gram	Vill- Sema dhana sagar mob- 8435447409
8	Sagar	Ganesh Singh	Soyabean, Wheat/Gram	Vill- chainpura Block Jaisinagar -9009641265
9	Sagar	Mahesh Parasher	Integrated farming	Vill- Pithoriya Block Malthon 9755817885
10	Sagar	Mangal singh Thakur	Soyabean, Wheat/Gram	Vill - Sagoniguru Jaisinagar 9754325575

18. KVK interaction with progressive farmers- each KVK had already sent a list of 100 progressive farmers to the ZPD, Zone VII, Jabalpur.

Sr. No.	**Date and month of interaction programme with progressive farmers**	**No. of progressive farmers to be participated**
1	June 2013	50
2	September 2013	50

19. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Sagar	03	04	05	45

Intensive- OFTS, FLDS etc Extensive- Literatures, Publications, Awareness programmes etc.

20. Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize, if applicable.

Sr. No.	**Name of crop under Technology demonstration**	**Area under the programme**	**No. of Extension Activities**	**Remarks / Lessons learnt**
1	Gram	16 ha	04	

21. KVK Ring

Sr. No.	**Name of Ring Partner**	**Sharing Activity**	**Lessons learnt/ Experiences gained.**
1	Tikamgarh	Seed, Technical inputs	
2	Damoh	Seed, Technical inputs	
3	Raisen	Seed, Technical inputs	

22. Important visitors to KVK

Name of KVK	**Name of Visitor**	**Date of Visit**	**Remarks**
Sagar			

23. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	Sagar			

24. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals
1	sagar	-	

25. E-CONNECTIVITY (ERNET Lab)

Name of KVK	Number and Date of Lecture delivered from KVK Hub				No of lectors organized by KVK	Brief achievements	Remarks
	Date	No of Staff attended	No of call received from Hub	No of Call mate to Hub by KVK			
Sagar							

26. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Sagar	Gosthies	01		
	Lectures organized	05		
	Exhibition	01		
	Film show	05		
	Fair	01		
	Farm Visit	05		
	Diagnostic Practical's	02		
	Distribution of Literature (No.)	05		
	Distribution of Seed (q)	-		

	Distribution of Planting materials (No.)	05		
	Bio Product distribution (Kg)	05		
	Bio Fertilizers (q)	05		
	Distribution of fingerlings (No)	-		
	Distribution of Livestock specimen (No.)	-		
	Total number of farmers visited the technology week	-		

27. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Sl. No.	Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries
1	Sagar	Soybean (JS 9560)	5	12
		Wheat (JW 3211)	5	12
		Gram (JG 63)	**5**	**12**

Major area coverage under alternate crops/varieties

Sl. No.	Name of KVK	Crops	Area (ha)	Number of beneficiaries
	Sagar	Oilseeds	05	
		Pulses	15	
		Cereals	02	
		Vegetable crops	02	
		Tuber crops	--	
		Fruits	01	
		Spices	01	
		Cotton	--	
		Total	**26**	

Farmers-scientists interaction on livestock management

Sl. No.	Name of KVK	Livestock components	Number of interactions	No.of participants
1	Sagar	Dairy Management		
		Disease management		
		Feed and fodder technology		
		Poultry management		

Animal health camps to be organized

Name of KVK	Number of camps	No.of animals	No.of farmers
Sagar	**02**		

Seed distribution in drought hit states

Name of KVK	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
Sagar	-	-	-	-

Seedlings and Saplings to be distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
Seedlings				
Sagar	Tomato	12000		
Sagar	Chilli	10000		
Sagar	Brinjal	10000		
Sagar	papaya	1000		

Bio-control Agents

Name of KVK	Bio-control Agents	Quantity (q)	Coverage of Area (ha)	No. of farmers
Sagar	*Trichoderma viride*	0.10		

Bio-Fertilizer

Name of KVK	Bio-Fertilizer	Quantity (kg)	Coverage of Area (ha)	No. of farmers
Sagar	Rhizobium	25		
Sagar	PSB	20		

Verms Produced

Name of KVK	Verms Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers
Sagar	-	-	--	-

Large scale adoption of resource conservation technologies

Name of KVK	Crops/cultivars and of resource conservation technologies introduced	Area (ha)	Number of farmers
Sagar	-	--	-

Awareness Campaign

Name of 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
Sagar	-	-	--		--	-	-	-	-	-	-	-

28. Proposal of NICRA

1. **Technologies to be Demonstrated**

Name of Technology	Name of Crop	Area (ha.)	Yield	% change in Yield	No. of farmers benefitted
-	-	--	-	-	-

-

2. **Proposed Extension Activities in NICRA Village- Not applicable**

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total

3. **Proposed Training Activities in NICRA Village - Not applicable**

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total

4. **Proposed Activities for Fodder Bank- Not applicable**

Established (Years)	Capacity	Current Status

5. **Proposed Activities for Seed Bank- Not applicable**

Established (Years)	Capacity	Current Status

6. **Public Representative/District Administration Visited in NICRA Village- Not applicable**

Name of Representative/Officer	Designation	Date of Visit

7. Feedback of Farmers for future improvement, if any.

8. Good Action Photographs after work progress (step-wise)-

29. Proposed works under NAIP (in NAIP monitoring format)- Not applicable

30. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Sagar	KVK Account	134900	-	-

31. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Sagar	-	-	---	-

32. Case study / Success Story to be developed –

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1	**Sagar**	**01**	**01**

Two best only in the following format: Name of the KVK, **TITLE, Introduction,** KVK intervention, Output, Outcome, Impact

33. Well labeled Photographs for each activity of the KVK