ANNUAL PROGRESS REPORT

(2012-13)

Jawaharlal Nehru Krishi Vishwa Vidyalaya

Krishi Vigyan Kendra, SAGAR (MP)

Contents

PERIOD – April 2012 to March, 2013

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.)
Sagar	OFTs	**23**	**110**	**21**	**105**	
Sagar	FLDs – Oilseeds (activity in ha)	**5**	**13**	**5**	**13**	
Sagar	FLDs – Pulses (activity in ha)	**15**	**39**	**31**	**108**	
Sagar	FLDs – Cotton (activity in ha)	**-**	**-**	**-**	**-**	
Sagar	FLDs – Other than Oilseed and pulse crops(activity in ha)	**10**	**50**	**10**	**55**	
Sagar	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	**6**	**40**	**6**	**40**	
Sagar	Training-Farmers and farm women	**61 (+16)Spon.**	**1525**	**76**	**2134**	
Sagar	Training-Rural youths	**5**	**125**	**7**	**176**	
Sagar	Training- Extension functionaries	**9**	**180**	**9**	**232**	
Sagar	Extension Activities	**205**	**Mass**		**Mass**	
Sagar	Seed Production (Number of activity as seeds in quintal)			**-**	**-**	
Sagar	Planting material ((Number of activity as quantity of planting material in quintal)	**Nil**	**NIL**	**-**	**-**	
Sagar	Seedling Production (Number of activity as number of seedlings in numbers)	**50,000**	**-**	**46040+ 50kg onion**	**168**	**12510**
Sagar	Sapling Production (Number of activity as number of sapling in numbers)	**Nil**	**Nil**	**-**	**-**	**-**
Sagar	Other Bio- products (No. of quantity)	**Nil**	**-**	**-**	**-**	**-**
Sagar	Live stock products	**Nil**	**-**	**-**	**-**	**-**
Sagar	Activities of Soil and Water Testing Laboratory	**-**	**-**	**-**	**-**	**-**
Sagar	Rainwater Harvesting System	**To be constructed**	**-**	**-**	**-**	**-**
Sagar	Kisan Mobile Advisory (KVK-KMA)	**40**	**1000**	**23**	**920**	**-**
Sagar	SAC Meeting (Date & no. of core/ official members)	**2**	**-**	**2(22.5.12/19.10/12)**	**31**	**-**
Sagar	Literature to be Developed/Published	**20**	**Mass**	**22**	**Mass**	**-**
Sagar	Convergence programmes / **Sponsored programmes**	**6**	**200**	**5**	**208**	**-**

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.)
Sagar	Utilization of Farmers Hostel	**Under construction**	**-**	**-**	**-**	**-**
Sagar	Utilization of Staff Quarters	**Under construction**	**-**	**-**	**-**	**-**
Sagar	Details of KVK Agro-technological Park	**yes**	**1000**	**24**	**1160**	
Sagar	Crop Cafeteria-	**yes**	**500**	**3**	**1160**	
Sagar	Farm Innovators- list of 10 farm innovators from the District	**yes**	**Enclosed**	**Enclosed**		
Sagar	Status of Revolving Funds	**yes**	**-**	**-**	**-**	**-**
Sagar	Awards and Recognitions	**yes**	**-**	**-**	**-**	**-**
Sagar	Case study / Success Story to be developed	**yes**	**-**	**02**	**-**	**-**
Sagar	KVK Progressive Farmers interaction	**02**	**1000**	**02**	**1160**	**-**
Sagar	Outreach of KVK in the District (No. of blocks, no. of villages)	**03**	**-**	**3/7**	**-**	**-**
Sagar	Technology Demonstration under TDPHP	**NO**	**-**	**24ha**	**-**	**-**
Sagar	KVK Ring	**yes**	**-**	**4**	**-**	
Sagar	Important visitors to KVK	**-**	**-**	**5**	**-**	
Sagar	Status of KVK Website	**-**	**-**	**Working**	**-**	
Sagar	Status of RTI	**-**	**-**	**-**	**-**	**-**
Sagar	E-connectivity	**NA**	**-**	**-**	**-**	**-**
Sagar	Details of Technology Week Celebrations	**1**	**120**	**1(5 activities)**	**154**	**-**
Sagar	Interventions on Drought Mitigation	**-**	**-**	**-**	**-**	**-**
Sagar	Proposal of NAIP	**NIL**	**-**	**-**	**-**	**-**
Sagar	Proposal of NICRA	**NIL**	**-**	**-**	**-**	**-**
Sagar	Well labeled photographs	**-**	**-**	**-**	**-**	**-**
--	Other Activities	**-**	**-**	**-**	**-**	**-**

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	46400/-	15.5.2012	Temporary	OBC
Sagar	Subject Matter Specialist1	Dr. A.K. Tripathi	Plant Protection	Ph.D	Plant Protection	15600-39100	28070	24.1.2007	Temporary	Others
Sagar	Subject Matter Specialist2	Dr. Vivekin Pachauri	Veterinary & Animal Husbandry	M.V.Sc.	Animal Nurition	15600-39100	24320	24.1.2007	Temporary	Others
Sagar	Subject Matter Specialist3	Dr.Vinita Singh	Home Science	Ph.D	Human Nutrition	15600-39100	28070	7.2.2007	Temporary	Others
Sagar	Subject Matter Specialist4	Dr. Mamta Singh	Plant Breeding & Genetics	Ph.D	Plant Breeding	15600-39100	28070	13.2.2007	Temporary	Others
Sagar	Subject Matter Specialist5	Vacant	-	-	-	-	-	-	-	Others
Sagar	Subject Matter Specialist6	Vacant	-	-	-	-	-	-	-	-
Sagar	Programme Assistant	Sh. R.P.Tripathi	-	B.Com, LLB	Law	9300-34800	17480	30.8.08	Permanent	Others
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	Temporary	OBC
Sagar	Driver	Sh. Sanjay Agarwal	Driver cum mechanic	12th class		5200-20200	8550	14.7.08	Temporary	Others
Sagar	Supporting staff	Smt. Usha Tiwari	Peon	8th class		4440-7440	7470	9.5.05	Temporary	Others
Sagar	Supporting staff	Vacant	-	-	-	-	-	-	-	-

2. On Farm Testing

2.1 Information about OFT 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 2012	Calf mortality	Assessment	L P M	Dairy	-	05	05	Assessment of regular deworming by piprazine on buffalo calf mortality	23.5 kg body weight	28.5 kg body weight	7000	12736
Sagar	Kharif 2012	Low egg and meat production	Assessment	L P M	Poultry	-	05	05	Assessment of dual purpose colored birds in backyard poultry	Continued			
Sagar	Kharif 2012	Heavy ecto-parasite load	Assessment	L P M	Dairy	-	05	05	Assessment of dairy animals with parasitic infections of external parasites with Butox medicine	328 lit/lactation	442 lit/lactation	6840	10186
Sagar	Kharif 2012	Low yield due use of old variety	Assessment	Varietal evaluation	Soybean	Rainfed	05	05	Assessment of improved variety of soybean JS-95-60	13.75 q/ha	15.25 q/ha	21650	25008
Sagar	Kharif 2012	Low yield due to imbalance use of fertilizer	Assessment	INM	Soybean	Rainfed	05	05	Assessment of balanced dose of fertilizer (40:60:20 NPK) + biofertiliser in soybean	15.1 q/ha	19.38 q/ha	25500	34339
Sagar	Kharif 2012	Inadequate plant population due to low or high soil moisture	Assessment	NRM	Soybean	Rainfed	05	05	Assessment of Ridge and Furrow sowing method in Soybean	13.2 q/ha	15.38 q/ha	20275	25333
Sagar	Kharif 2012	Low yield due to use old variety	Assessment	Varietal evaluation	Okra	Irrigated	05	05	Assessment of improved variety VRO-6 of Okra	62.6 q/ha	82.6 q/ha	50300	81500
Sagar	Kharif 2012	Low yield due to insect attack	Assessment	IPM	Brinjal	Irrigated	05	05	Assessment of IPM for management of insect-pest in brinjal	68.8	76.6	48800	54600
Sagar	Kharif 2012	Low income of	Assessment	Income generation	Vermi-compost	-	05	05	Assessment of vermi compost	-	8.52 q/unit	-	3466/ units

		farmwomen							production unit (2 X 1 X 0.75 met) for income generation				
Sagar	Kharif 2012	Low income of farmwomen	Assessment	Income generation	Marigold	Semi irrigated	05	05	Assessment of marigold production on field ridges for income generation by farm women	-	Rs 434/200sq m		Rs. 5406/ 200sqm
Sagar	Kharif	Low yield due to disease infestation	Assessment	IDM	Ginger	Irrigated	05	05	Assessment of copper Hydroxide for control of rhizome rot	50.4	58.4	50800	66800
Sagar	Rabi 2012-13	Low nutritive diet supplementation	Assessment	L P M	Dairy	-	05	05	Assessment of concentrate feed in milch animals to enhance milk production	518.5 lit/lactation	838.7 lit/lactation	12555	20363
Sagar	Rabi 2012-13	Low yield due use of old variety	Assessment	IV	Chickpea	Rainfed	05	05	Assessment of improved variety of gram JG-63	11.7 q/ha	14.48 q/ha	23965	29243
Sagar	Rabi 2012-13	Low yield due to imbalance use of fertilizer	Assessment	INM	Wheat	Irrigated	05	05	Assessment of balanced dose of fertilizer (120:60:30 NPK)+ Biofertiliser in irrigated wheat	15.5 q/ha	21.0 q/ha	11250	16348
Sagar	Rabi 2012-13	Low yield due to heavy weed infestation	Assessment	IWM	Wheat	Irrigated	05	05	Assessment of Mesosulfuron + Idosulphurpn (Atlantis) @ 160g /acre for controlling the weeds in irrigated wheat	36.42 q/ha	39.7 q/ha	42850	46775
Sagar	Kharif 2012	Low yield due use of old variety	Assessment	IV	Wheat	Irrigated	05	05	Assessment of improved variety of wheat JW-3211	18.3 q/ha	27.08 q/ha	16700	28232
Sagar	Rabi 2012-13	Low yield due to Imbalance use of fertilizer	Assessment	INM	Chickpea	Rainfed	05	05	Assessment of balanced fertilization 20:60:20 (NPK) in chickpea	10.6 q/ha	1386 q/ha	18997	25336
Sagar	Rabi 2012-13	Imbalance use of fertilizer	Assessment	Nutrient management	Corriander	Irrigated	05	05	Assessment of INM in Coriander under irrigated conditions	33.4	44.8	50100	58100
Sagar	Rabi 2012-13	Use only insecticide with improper conc. Of water	Assessment	IPM	Tomato	Irrigated	05	05	Assessment of IPM module for management of tomato fruit borer	134.3	163.3	89300	115000

Sagar	Rabi 2012-13	Low income of farmwomen	Assessment	Value addition	Ber	-	05	05	Assessment of ber value addition in the form of gatagut for income generation	-	14kg/10kg Powder	-	Rs. 1965/ 10kg
Sagar	Rabi 2012-13	Low income of farmwomen	Assessment	Value addition	Aonla	-	05	05	Assessment of Aonla value addition in form of supari for income generation	-	Supari produced 20.84 kg/q	-	Rs. 3118/q

2.1a Recommendations of OFTs

Recommendations		
Title of OFT	**For Farmers**	**For Deptt. Personnel**
Regular deworming by Piprazin 30ml and repeat after one month 60 ml for buffalo calf mortality	**Yes**	**Yes**
Eradication of parasitic infections of external parasites with Butox medicine 2 ml/lit of water for Dairy animals	**Yes**	**Yes**
Feeding of concentrate feed 2 kg/4-5 lit of milk in milch animals to enhance milk production	**Yes**	**Yes**
Improved variety of soybean JS-95-60	**Yes**	**Yes**
Improved variety of wheat JW-3211	**Yes**	**Yes**
Improved variety of gram JG-63	**Yes**	**Yes**
Balanced dose of fertilizer (NPKS 40:60:20) in soybean	**Yes**	**Yes**
Ridge and Furrow sowing method in Soybean	**Yes**	**Yes**
Balanced dose of fertilizer in irrigated wheat (120:60:20 NPK)	**Yes**	**Yes**
Mesosulfuron + Idosulphuron for controlling the weeds in irrigated wheat	**Yes**	**Yes**
Balanced fertilization (20:60:20 NPK) in chickpea	**Yes**	**Yes**
Improved variety VRO-6 of Okra	**Yes**	**Yes**
Integrated Nutrient management (80:60:20 NPK) in Coriander under irrigated conditions for better yield	**Yes**	**Yes**
IPM module (Soil application of Phorate15 Kg /ha, Installation of Pheromon trap 20/ha, spray of Trizophos 750ml/ha) for management of insect-pest in brinjal	**Yes**	**Yes**
IPM module (Soil application of Phorate 15 kg/ha, Installation of Pheromon trap20 /ha, spray of Profenophos 1000 ml/ha) for management of tomato fruit borer	**Yes**	**Yes**
Extra income generation through Vermicompost production by farm women	**Yes**	**Yes**
Extra income generation through Marigold production on ridges by farm women	**Yes**	**Yes**
value addition of Ber in the form of GATAGAT for income generation by farm women	**Yes**	**Yes**
Aonla value addition ijn the form of SUPARI for income generation by farm women	**Yes**	**Yes**
Copper Hydroxide 0.2 % for control of rhizome rot in Ginger	**Yes**	**Yes**

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	Performance of regular deworming on buffalo calf mortality	9000	9264	16000	22000	7000	12736	1.78	2.4
Sagar	Assessment of dual purpose birds in backyard poultry	Result Awaited							
Sagar	Performance of dairy animals with parasitic infections of external parasites with Butox medicine	3000	3074	9840	13260	6840	10186	3.28	4.31
Sagar	Assessment of improved variety of soybean JS-95-60	12725	13116.5	34375	38125	21650	25008.5	2.70	2.91
Sagar	Assessment of balanced dose of fertilizer in soybean	12250	14111	37750	48450	25500	34339	3.08	3.43
Sagar	Assessment of Ridge and Furrow sowing method in Soybean	12725	13116	33000	38450	20275	25333	2.59	2.93
Sagar	Assessment of improved variety VRO-6 of Okra	43600	40500	93900	123000	50300	81500	1.87	3.04
Sagar	Assessment of IPM module for management of insect-pest in brinjal	20000	22000	68800	76600	48800	54600	3.44	3.59
Sagar	Assessment of IPM module for management of tomato fruit borer	45000	48000	134000	163000	89300	115000	2.97	3.39
Sagar	Assessment of vermi compost production unit (2 x 1 x 0.75 m^3) for income generation	-	954 / unit	-	4420 / Unit		3466 / unit	-	4.63
Sagar	Assessment of marigold production for income generation by farm women (Area 200 Sqm)	-	434/200sqm	-	5840//200sqm	-	5406/200sqm	-	13.45
Sagar	Assessment of copper Hydroxide for management of rhizome rot in Ginger	28000	30000	100800	116800	72800	86800	3.60	3.89
Sagar	Assessment of improved variety of wheat JW-3211	10750	11795	27450	40620	16700	28232	2.55	3.44
Sagar	Assessment of improved variety of gram JG-63	7625	9852	31590	39096	23965	29243		
Sagar	Assessment of balanced dose of fertilizer in irrigated wheat	12000	15152	23250	31500	11250	16348	1.94	2.08

Sagar	Assessment of sulfosulfuron for controlling the weeds in irrigated wheat	11900	12775	54750	59550	42850	46775	4.60	4.66
Sagar	Assessment of balanced fertilization in chickpea	9623	12086	28620	37422	18997	25336	2.97	3.10
Sagar	Assessment of Nutrient management in Coriander under irrigated conditions	27500	31500	22600	89600	5100	58100	1.82	2.84
Sagar	Assessment of ber value addition for income generation(Gatagut)	-	500/10 kg	-	2465/10kg	-	1965/10kg	-	4.93
Sagar	Assessment of Aonla value addition for income generation	-	1050/q	-	4168/q	-	3118/q	-	3.96

3. Frontline Demonstrations

3.1. Follow-up for results of FLDs implemented during previous years (upto 2011-12)

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	IV	Improved variety JS 95 60	Trainings, Demonstration	42	15000	22000
Sagar	Gram	IV	Improved variety JG 130	Trainings, Demonstration	18	5000	12000
Sagar	Lentil	IV	Improved variety DPL 62	Trainings, Demonstration	02	150	60

3.2 Details of FLDs to be implemented during 2012-13

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop- Area (ha) / Entrep - No.	Name of Variety/ Entreprizes	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Sagar	Oilseed	Soybean	Kharif 2012	Improved variety JS 9305 + Bird percher+ pheromone traps+NPV+ trizophos	5 ha	JS 93-05	17.27	14.56	18.61	-	-	11	2	13
Sagar	Pulses	Blackgram	Kharif 2012	JU 86 + Fertilizer + Insecticide	5 ha	JU-86	7.88	6.42	22.74	-	-	10	3	13
Sagar	Pulses	Gram	Rabi 2012-13	Bird percher+ pheromone traps+NPV+ trizophos	5 ha	JG 16	15.79	12.85	22.8	-	05	23	12	40
Sagar	NFSM	Lentil	Rabi 2012-13	Improved variety DPL 62 + Fertilizer + Insecticide- Dimethoate	5 ha	DPL-62	12.75	10.41	22.40	-	-	3	12	15
Sagar	NFSM	Gram	Rabi 2012-13	Improved variety JG 16 + Fertilizer + Insecticide- Quinolphos	16	JG 16	15.79	12.85	22.8	-	5	24	11	40
Sagar	LPM	Dairy	Kharif 2012	Dewoarming by Fenbendazole 3 gm/300 kg of body weight	10 Animals	Dairy	504 Lit/ Lactation	414	20	-	-	10	-	10
Sagar	LPM	Fodder-Bajra	Kharif 2012	Use fodder 4-5 kg to enhance milk production	1 ha	M.P Chari	535 lit/lactation	440 lit./day	44	2	-	-	3	05
Sagar	Varietal replacement	Pigeonpea	Kharif-12	Improved Variety-TJT 501	1 ha	TJT-501	9.76	7.90	23.5	-	-	2	3	5
Sagar	INM	Bottle gourd	Kharif-12	NPK (100:50:50) + Biofertiliser	1 ha	Warad (Hybrid)	392	270	45	-	-	5	-	-

Sagar	Nursery management	Kharif onion	Kharif 2012-13	Seed treatment with vitavax power @3g/kg seed. Line sowing with 10 cm row to row distance, raised bed sowing	50 sqm	AFDR	39.75 kg/50 sqm	-	-	-	-	5	-	5
Sagar	Nursery management	Papaya	Kharif 2012-13	Seedling raising in poly packets	1500 packets	Pusa nanha	1457 packets	-	-	2	-	8	-	10
Sagar	Varietal replacement	Wheat	Rabi 2012-13	Improved Variety JW-3020	2 ha	JW-3020	25.6	18.6	37.42	-	-	4	1	5
Sagar	Varietal replacement	Lentil	Rabi 2012-13	Improved Variety JL-3	2 ha	JL-3	8.62	7.1	21.41	-	-	4	1	5
Sagar	Livestock production and Management	Fodder - Berseem	Rabi 2012-13	Use fodder 4-5 kg to enhance milk production	1 ha	Jawahar Berseem -1	392 lit/lactation	308 lit/day	27.2	-	-	10	-	10
Sagar	Livestock production and Management	Feed management	Rabi 2012-13	Use of Mineral mixture for milch animals	10 Animals	Agrimin forte 30 gm/day	701.5 lit/lactation	549 lit/lactation	29	-	-	5	-	-
Sagar	Nutritional gardening	Vegetables	Rabi 2012-13	High yielding improved varieties with seed treatment with vitavax power @3g/kg	1250 sqm	Brinjal-Gaurav Chilli- Aadi Tomato- S-22 Carrot- RK Radish- J. white Beet root- Local Fenugreek-IC-74 Coriander- S 55 Spinach- All green Giant chillies-California wonder	Per capita availability- 236 g /day	Per capita availability- 187.16 g/day	26.09	2	2	2	-	6
Sagar	Varietal replacement	Horticulture	Rabi 2012-13	Onion AFLR	1 ha	AFLR	320	228.9	44.7	-	1	9	-	10
Sagar	Varietal replacement	Horticulture	Rabi 2012-13	Pea (PSM-3)	1 ha	PSM -3	74.0	44.7	65.5	-	-	-	10	10

3.3Economic 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 variety JS9305+ pheromone traps 50/ha +NPV 250 LE + trizophos 1000 ml/ha	Pods/Plant (No.)	60	49	Rs. 14034	12325	43175	36400	29140	240175	3.08	2.95
Sagar	Blackgram	JU 86 + Fertilizer + Insecticide	Pods/Plant (No.)	29	22	6200	5800	31520	25680	25320	19880	5.08	4.36
Sagar	Chickpea	Pheromone traps 50 /ha + NPV 250 LE + trizophos 1000 ml/ha	Pods/Plant (No.)	45	38	8200	7300	44625	36435	36425	29135	5.44	4.99
Sagar	**Gram**	Improved variety JG 16 + Fertilizer + Insecticide- Quinolphos	Pods/Plant (No.)	**46**	**36**	**9600**	**8500**	**55265**	**44975**	**45665**	**36475**	**5.75**	**5.29**
Sagar	Lentil	DPL 62 + Fertilizer + Insecticide	Pods/Plant (No.)	22	17	9600	8800	55265	44975	45665	36175	5.75	5.11
Sagar	Dairy	Deworming by Fenbendazole	Milk Production Lit/Lactation	504.3	414	3042	3000	15120	12420	12078	9420	4.97	4.14

Sagar	Fodder-Bajra	Use fodder to enhance milk production	Milk Production Lit/Lactation	635	440	4500	3000	19050	13200	16050	8700	6.35	2.93
Sagar	Pigeonpea	Variety- TJT 501	Pods/Plant(No.)	187.2	167.6	34160	27650	13220	11525	20940	16125	2.58	2.40
Sagar	Bottle gourd	NPK (100 : 50 : 50) + Biofertiliser	-	-	-	38550	34250	156800	108000	118250	73750	4.06	3.15
Sagar	Kharif onion	Seed treatment with vitavaqx power @3g/kg seed. Line sowing with 10 cm row to row distance, raised bed sowing	Income generation (Rs)	--	--	475/50 sqm	--	1192.5/50 sqm	-	717.5/50 sqm	--	2.51	-
Sagar	Papaya	Seedling raising in poly packets	Income generation (Rs)	-	-	1870/1500 packets	--	7285/1500 packets	--	5415/1500 packets	--	3.89	-
Sagar	Wheat	VarietyJW-3020	Tillers/Plant (No.)	7.2	5.2	Rs. 12775	11900	59550	547500	46775	46850	4.66	4.60
Sagar	Lentil	VarietyJL-3	Pods/Plant (No.)	20.0	16.4	Rs. 934.75	8865	28446	23430	19102.25	14565	3.04	2.64
Sagar	Fodder - Berseem	Use fodder to enhance milk production	Milk Production Lit/Lactation	510	308	4500	3000	15300	9240	7800	6240	3.40	3.08
Sagar	Dairy	Use of Mineral mixture for milch animals	Milk Production Lit/day	701.5	549	3374	3000	21030	16470	17656	13470	6.23	5.49
Sagar	Vegetables	High yielding improved varieties with seed treatment	Per capita availability (gm)	236gm/day	187.16 gm/day	-	-	-	-	-	-	-	-
Sagar	Horticulture	Onion AFLR	-	-	-	52500	50000	192000	136800	139500	86800	3.65	2.72
Sagar	Horticulture	Pea(PSM)	-	-	-	32500	27000	111000	67000	78900	40000	3.41	2.48

3.4 Training and Extension activities conducted under FLDs (oilseed and Pulses)

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Sagar	Blackgram	Field days	1	31	
		Farmers Training	2	48	
		Media coverage	-	-	
		Training for extension functionaries	1	18	
Sagar	Soybean	Field days	1	53	
		Farmers Training	2	42	
		Media coverage	-	-	
		Training for extension functionaries	1	27	
Sagar	Lentil	Field days	1	26	
		Farmers Training	1	28	
		Media coverage	-	-	
		Training for extension functionaries	1	24	
Sagar	Gram	Field days	1	27	
		Farmers Training	1	40	
		Media coverage	-	-	
		Training for extension functionaries	1	24	

3.4 Details of FLD on crop hybrids: NA

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.

4. Feedback System

4.1. Feedback of the Farmers to KVK

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	Farmers & Farm Women	Group Discussion /PRA	Adopted Villages	20-25 In Each Off Campus trainings
Sagar	Farmers & Farm Women	Group Discussion /PRA	On Campus trainings	20-25 In Each On Campus trainings
Sagar	Extension Personnel	Group Discussion	KVK Sagar	20-25 In Each
Sagar	Rural Youth	Group Discussion /PRA	KVK Sagar/Villages	20-25 In Each

Table 5.2. Details of Training programmes 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	FW	OFC	CP	Soybean Production Technology	1	1	20	5	2	-	-	-	-	20	-
SAGAR	FW	ONC	CP	Rabi Crop Production Tech	1	1	30	19	-	1	-	5	-	5	-
SAGAR	FW	OFC	CP	Method to collect soil samples	1	1	25	5	-	4	-	-	-	29	1
SAGAR	FW	OFC	CP	Importance of organic farming	1	1	25	-	8	-	2	-	-	-	16
SAGAR	FW	OFC	CP	Fertilizer and weed management in soybean	1	1	25	5	-	-	-	-	-	29	3
SAGAR	FW	OFC	CP	Strategies to enhance the kharif pulse production	1	1	25	-	-	-	-	-	-	24	1
SAGAR	FW	OFC	CP	Fertilizer and weed management in chickpea	1	1	25	12	-	8	-	-	-	10	-
SAGAR	FW	OFC	CP	Nutrient and weed management in irrigated wheat	1	1	25	1	1	-	-	-	-	12	8
SAGAR	FW	OFC	CP	Fertilizer and weed management in late sown wheat	1	1	25	-	--	-	-	-	-	18	5
SAGAR	FW	OFC	CP	Package and practices of lentil	1	1	25	1	-	-	-	-	-	12	-
SAGAR	FW	OFC	CP	Cultivation practices of summer moong	1	1	25	15	6	1	-	-	-	10	1
SAGAR	FW	OFC	HOV	Agro tech. involved in onion cultivation	1	1	25	20	-	3	-	-	-	16	-
SAGAR	FW	OFC	HOV	Production and management tech of Capsicum	1	1	25	10	-	2	-	-	-	5	-
SAGAR	FW	OFC	HOS	Production and management tech. of coriander	1	1	25	11	-	4	-	2	-	20	-
SAGAR	FW	OFC	HOV	Vegetables seed production of vegetable crops	1	1	25	3	4	2	2	3	4	6	-
SAGAR	FW	OFC	HOF	Method of vegetative propagation	1	1	25	4	-	1	-	-	-	20	-

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	FW	OFC	HOV	Use of plastic in Horticultural Crops	1	1	25	-	-	-	7	3	-	7	2
SAGAR	FW	OFC	OTH	Cleaning, grading and seed storage of rabi crop	1	1	25	10	6	1	-	-	-	8	-
SAGAR	FW	OFC	OTH	Planning of khariff seed production tecniques	1	1	25	2	-	2	-	-	-	14	-
SAGAR	FW	OFC	OTH	Seed production technique of Soybean	1	1	25	3	-	3	-	-	-	12	-
SAGAR	FW	OFC	OTH	Seed production technique of Urd	1	1	25	-	-	-	2	-	3	8	15
SAGAR	FW	OFC	OTH	Seed production technique of Arhar	1	1	25	6	6	1	-	1	-	4	4
SAGAR	FW	OFC	OTH	Roughing technique in Soybean	1	1	25	4	4	-	-	-	-	13	6
SAGAR	FW	OFC	OTH	Seed production of lentil	1	1	25	2	-	-	-	-	-	16	-
SAGAR	FW	OFC	OTH	Seed production technique of gram	1	1	25	4	-	-	-	-	-	28	1
SAGAR	FW	OFC	OTH	Seed production technique of wheat	1	1	25	8	1	-	-	-	-	14	-
SAGAR	FW	OFC	OTH	Rouging techniques of rabi crops	1	1	25	4	-	2	-	-	-	22	-
SAGAR	FW	OFC	PLP	Control of insect pest in solanaceous crop	1	1	25	10	-	1	-	-	-	6	7
SAGAR	FW	OFC	PLP	Plant protection in kharif crop	1	1	25	25	-	-	-	-	-	25	-
SAGAR	FW	OFC	PLP	IPM & IDM in Vegetable crops	1	1	25	2	-	3	-	2	-	15	-
SAGAR	FW	OFC	PLP	Plant protection in Rabi crop	1	1	25	10	-	11	-	-	-	-	-
SAGAR	FW	OFC	OTH	Concept and importance of FIGs/FWIGs	1	1	25	2	1	-	-	-	-	18	1
SAGAR	FW	OFC	OTH	Leadership development	1	1	25	6	-	-	-	-	-	12	1
SAGAR	FW	OFC	OTH	Marketing management of Rabi crops	1	1	25	15	-	5	-	-	-	8	-
SAGAR	FW	OFC	OTH	Gender issues	1	1	25	17	3	4	2	8	2	6	2
SAGAR	FW	OFC	OTH	Entrepreneurship development	1	1	25	4	-	1	-	-	-	13	-
SAGAR	FW	OFC	OTH	Leadership development	1	1	25	24	-	3	-	-	-	-	-
SAGAR	FW	OFC	LPM	Care and management of milch animals	1	1	25	-	-	-	35	-	-	-	12
SAGAR	FW	OFC	LPM	Management of poultry during adverse climatic condition	1	1	25	10	-	-	-	-	-	9	5
SAGAR	FW	OFC	LPM	Importance of vaccination and				2	-	2	-	-	-	20	-

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**		
				deworming before onset of rains	1	1	25								
SAGAR	FW	OFC	LPM	Common diseases of goatry and its preventive measures	1	1	25	-	-	-	-	-	-	-	-
SAGAR	FW	OFC	LPM	Calf rearing and its necessary precautions to be taken by the farmers	1	1	25	-	-	-	-	-	-	16	-
SAGAR	FW	OFC	LPM	Pig rearing for rural youth as a entrepreneurship	1	1	25	2	2	-	-	-	-	10	2
SAGAR	FW	OFC	LPM	Correct method of milking, prevention of ecto and endo parasites in large animals	1	1	25	-	-	2	-	-	-	30	-
SAGAR	FW	OFC	LPM	Mineral mixture supplementation for milk enhancement	1	1	25	2	-	-	-	-	-	20	-
SAGAR	FW	ONC	LPM	Common bacterial and viral diseases of large animals and its preventive measures	1	1	25	10	-	5	-	-	-	9	-
SAGAR	FW	ONC	LPM	Techniques regarding improvement in milk production through green forage	1	1	25	14	-	-	-	-	-	8	-
SAGAR	FW	OFC	LPM	Common milch breeds of cattle, poultry and goatry for rural areas	1	1	25	14	-	-	-	-	-	8	-
SAGAR	FW	OFC	LPM	Urea treatment and its importance for milch animals as a feed supplement	1	1	25	8	-	2	-	-	-	12	-
SAGAR	FW	OFC	WOE	Training on child nutrition	1	1	25	-	-	-	4	-	-	-	22
SAGAR	FW	OFC	WOE	Importance and preparation of fermented foods	1	1	25	-	-	-	-	-	-	-	16
SAGAR	FW	OFC	WOE	Nursery management of kharif vegetables	1	1	25	-	12	-	5	-	1	-	4
SAGAR	FW	OFC	WOE	Mango preservation	1	1	25	-	-	-	-	-	-	-	23
SAGAR	FW	OFC	WOE	Minimization of nutrient loss in processing	1	1	25	20	-	4	-	-	-	15	1
SAGAR	FW	OFC	WOE	Nursery management in rabi vegetables	1	1	25	4	-	2	-	-	-	24	2
SAGAR	FW	OFC	WOE	Soybean processing	1	1	25	-	2	-	2	-	-	-	22
SAGAR	FW	ONC	WOE	Preservation of vegetables	1	1	25	-	22	-	-	-	-	-	-
SAGAR	FW	ONC	WOE	Aonla Preservation	1	1	25	-	2	-	-	-	-	-	22
SAGAR	FW	OFC	WOE	Importance of value addition	1	1	25	-	-	-	17	-	-	-	16
SAGAR	FW	OFC	OTH	Use of bio-fertilizers for seed/soil treatment	1	1	25	4	-	-	2	-	-	-	10
SAGAR	FW	OFC	HOV	Weed management in vegetable crops	1	1	25	-	-	-	3	-	-	-	16
SAGAR	FW	OFC	PLP	Maintenance of plant protection equipments	1	1	25	10	-	-	1	-	-	6	-

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	FW	OFC	LPM	Information regarding installation of dairy	1	1	25	7	-	-	3	-	-	11	4
SAGAR	FW	OFC	PLP	Insect control in cucurbitaceous vegetables	1	1	25	19	-	3	-	-	-	10	-
SAGAR	FW	OFC	HOV	Production technology of cucurbitaceous vegetables	1	1	25	13	-	6	-	-	-	-	-
SAGAR	FW	OFC	WOE	Vegetable and fruit preservation	1	1	25	27	-	4	-	-	-	10	-
SAGAR	FW	OFC	LPM	Common breeds of poultry and installation of poultry units	1	1	25	-	-	-	-	-	-	23	5
SAGAR	FW	OFC	PLP	IPM in Soybean crops	1	1	25	7	-	9	-	-	-	15	-
SAGAR	FW	OFC	HOV	Production technology of Okra	1	1	25	4	-	4	-	-	-	34	-
SAGAR	FW	OFC	PLP	IPM in tomato	1		25	-	-	-	-	-	-	14	13
SAGAR	IS	ONC	CP	Integrated nutrient and weed management in kharif crops	1	1	20	7	-	3	-	-	-	10	-
SAGAR	IS	ONC	CP	Integrated nutrient and weed management in rabi crops	1	1	20	28	-	2	-	-	-	4	-
SAGAR	IS	ONC	OTH	Seed production technique of kharif crops	1	1	20	26	-	3	-	-	-	-	-
SAGAR	IS	ONC	OTH	Planning for rabi seed production technique	1	1	20	8	-	2	-	-	-	9	-
SAGAR	IS	ONC	OTH	Nursery management	1	1	20	15	-	2	4	-	-	12	-
SAGAR	IS	ONC	OTH	Training management	1	1	20	21	-	3	-	-	-	6	-
SAGAR	IS	ONC	LPM	Sterility and its measures for prevention, A.I technique and its importance	1	1	20	16	-	2	-	-	-	4	-
SAGAR	IS	ONC	LPM	Common cultivable fodder as a proteineous feed for milch animals during rabi and kharif seasons	1	1	20	20	-	-	-	-	-	-	-
SAGAR	IS	ONC	WOE	Training on importance of vegetables and fruits in daily diets & nutritional garden	1	1	20	-	16	-	3	-	1	-	5

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	Nutritive requirement for maintenance,production and reproduction for milch animals	Dairy	Dairying	01	-	-	-	-	16	14
Sagar	Urea treatment and its importance for milch animals as a feed supplement (Proteineous)	Dairy	Dairying	01	1	1	-	-	3	15
Sagar	Information regarding dairy establishment for youth	Dairy	Production of quality animal products	02	2	-	-	-	18	6
Sagar	Training on stitching of garments	Enterprise	Income generation	05	-	-	-	-	-	21

Sagar	Preservation of fruits and vegetables	Vegetables	Value addition	02	-	2	-	-	-	34
Sagar	Seed production technique of wheat	Wheat	Seed production	02	-	-	-	-	23	-
Sagar	Nursery management	Vegetables	Nursery management	02	1	-	-	-	19	-

Table 5.4. Details of training programme to be conducted for Livelihood Security in rural areas by the KVKs :-As per need

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 : 05

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	Production technology of kharif crops	CP	CP	FW	2	1	40	-	3	-	10	-	MPWSRP	
Sagar	Production technology of Rabi crops	CP	CP	FW	2	1	40	-	17	-	-	-	MPWRP	
Sagar	Production technology of horticultural crops and water management	HOV	HOV	FW	2	1	39	-	13	-	-	-	MPWSRP	137632=00
Sagar	Use and maintenance of farm implements	AEG	AEG	FW	2	1	42	-	19	-	-	-	MPWSRP	
Sagar	Organic farming and nutrient management	CP	CP	FW	2	1	50	-	2	-	-	-	MPWSRP	

Table 5.6 Training Programmes for Panchayatiraj Institutions Office-bearers & members :- As per need

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	-	-	--	-		-	-	--	-

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	05	04	121	8	5	-	6	-	FLDs	-	Podding
Sagar	Kisan Mela	02	02	137	-	14	-	-	-	-	-	-
Sagar	Kisan Ghosthi	04	03	169	-	82	-	-	-	FLD	IPM, WOE	Flowering
Sagar	Exhibition	02	02	250	-	30	-	-	-	Kisan Mela	-	-
Sagar	Film Show	10	15	325	-	101	-	-	-	Trainings	-	-
Sagar	Method Demonstrations	02	-	-	-	-	-	-	-	-	--	-
Sagar	Farmers Seminar (ATMA)	05	04	127	-	07	-	14	-	-	-	-
Sagar	Workshop	02	-	-	-	-	-	-	-	-	-	-
Sagar	Group meetings	08	8	231	-	40	-	-	-	FLD	-	-
Sagar	Lectures delivered as resource persons	80	82	753	127	135	38	130	25	--	-	-
Sagar	Newspaper coverage	-	8	Mass	-	-	-	-	-	-	-	-
Sagar	Radio talks	10	15	Mass	-	-	-	-	-	-	-	-
Sagar	TV talks	02	04	Mass	-	-	-	-	-	-	-	-
Sagar	Popular Articles	10	11	Mass	-	-	-	-	-	-	-	-
Sagar	Extension Literature	05	-	-	-	-	-	-	-	-	-	-
Sagar	Farm Advisory Services	35	42	125	-	28	-	-	-	-	-	-
Sagar	Scientific visit to farmers field	40	110	1386	-	581	-	-	--	FLD, Trainings	IPM, WOE, Veterinary, Horticulture	Various stage
Sagar	Farmers Visit to KVK	Mass	50	580	-	290	-	-	-	--	-	-
Sagar	Diagnostic Visits	04	06	86	-	64	-	-	-	-	-	-
Sagar	Exposure Visits	-	-	-	-	-	-	-	--	-	-	-
Sagar	Ex-trainees Sammelan	02	-	-	-				-	-	-	-
Sagar	Soil Health Camp	02	00	-	-		-	-	-	-	-	-
Sagar	Animal Health Camp	02	01	54	-	02	-	-	-	-	-	-
Sagar	Agri Mobile Clinic	-	-	-	-	-	-	-	-	-	-	
Sagar	Soil Test Campaigns	02	-	-	-	-	-	-	-	-	-	-
Sagar	Farm Science Club conveners meet	04	-	-	-	-	-	-	-	-	--	-

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	Self Help Group conveners meetings	04	05	82	-	61	-	-	-	-	-	-
Sagar	Special day celebration	02	02	40	42		-	-	-	-	-	-

7. Production and supply of Technological products

7.1 SEED production :- NIL

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	Oilseed	Soybean	JS 9560	BS	268.16	qtl	1822400	To be provided to Seed producing agencies after allotment from JNKVV
Sagar		Linseed	JLS 66	BS	Awaited			
		Linseed	JLS 67	BS	Awaited			
Sagar	Pulses	Gram	JG 14,63	BS	Awaited			
Sagar		Lentil	JL 3	BS	Awaited			
Sagar	Cereals	Wheat	JW 3211, C-306	BS	Awaited			

7.2 Planting Material production :-

KVK Name	Major group	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		Tomato	July, August, Sept, Octo.	-	-	JT 99, H 86, S-22, Solan Lalima, K-20	Seedling	16700	10430	4175	
Sagar		Chilli	July, August, Sept, Octo.		-	Bio Hot shot, Adi, California wonder, SB	Seedling	12900		3225	
Sagar		Brinjal	Sept, October	-	-	JB 64, KS 331, Pusa Bindas, BE 706, Pusa uttam, Pusa sadabahar, Pusa purple cluster	Seedling	8700		2175	
Sagar		Cauliflower	Sept, October	-	-	Pusa snowal, Hotshot,	Seedling	5000		425	
Sagar		Cabbage	Sept, October, Nov	--	-	BC 79	Seedling	1700		250	

Sagar		Onion	October, Nov	-	-	AFLR	Seedling	50 kg		2000	
Sagar		Brokli	Nov			Greenhead	Seedling	1000			
Sagar		Papaya	August	-	-	Pusa Nanha	Seedling	40		400	

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

KVK Name	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
	BIOAGENTS				
	BIOFERTILIZERS				
	BIO PESTICIDES				

7.4 Livestock and fisheries production : NIL

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

8. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : YES - Under possession of RARS Sagar

Year of establishment : **- 2008**

8.1 Details of soil & water samples analyzed so far : Nil

KVK Name	Type	No. of Samples	No. of Farmers	No. of Villages	Amount released	Resources to be generated
	Soil Sample					
	Water Sample					

9. Rainwater Harvesting, if available. TO BE CONSTRCTED

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

10. Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages to be sent	No. of beneficiaries		Major recommendations
		Farmers	Ext. Pers.	
Sagar	Kharif – 03	430	50	Agriculture, Horticulture, Veterinary, Women in Agril.
Sagar	Rabi – 20	920	50	Agriculture, Horticulture, Veterinary, Women in Agril

11. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Sagar	22/5/2012	14	1. OFT on limited irrigation wheat variety.
			2. Newer weedicide for control of weeds in wheat
			3. Amla preservation
Sagar	19/10/2012	17	1. Training on Organic farming
			2. Good quality seedling production for distribution
			3. Promotion of Ridge and furrow method of sowing

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	1-07-2008	QUARTERLY- 4 times	500	500 each

12.2 Details of Electronic Media to be Produced :- NIL

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
SAGAR			

12.3 PUBLICATIONS

Category	Number	Date of start Type	Periodicity Title	Number of copies to be printed Author's name	Number of copies to be distributed Number of copie
Research Paper	1	-	-	-	-
Technical bulletins	-	-	-	-	-
Technical reports	05	1-01-2007	MONTHLY & QUARTERLY REPORTS	-	-
Popular article	09	-	-	-	-
News paper coverage	05	-	-	-	-

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

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
SAGAR	ATMA	STATE	-	Farmers training	Sagar District	
SAGAR	MNREGA	STATE	-			
SAGAR	NHM	STATE	-			
SAGAR	RKVY	STATE	-			
SAGAR	DRDA	STATE	-			
SAGAR	Zila Panchyat	STATE	-			
	Seed Village	CENTRAL	-			
	NAIP					
	Climate Change					
SAGAR	Others (Plz. Specify) MPWSRP	STATE	137628	05 Farmers trainings	Command area of Sagar District	
SAGAR	MAP(Medicinal & Aromatic Plants)	STATE	-			

14. Utilization of Farmers Hostel. : Under Construction

Accommodation available (No. of beds):

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)

15. Utilization of Staff Quarters. **Under Construction (4 G Type, 2 H type)**

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
SAGAR	2011	**Under Construction**			

16. Details of KVK Agro-technological Park –

a) Have you prepared layout plan, where sent?

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

b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
Sagar	Crop Cafeteria	Kharif – 04 Crops , Total 30 varieties
		Rabi – 07 Crops, Total 35 varieties
	Technology Desk	---
	Visitors Gallery	---
	Technology Exhibition	High density Guava, Drip irrigation in Guava, Nursery raising in Net house, Automatic weather station, Sprinkler irrigation
	Technology Gate-Valve	

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1	Kharif - Crop Varieties & technology	04 Crops , Total 30 varieties
2	Rabi Crop Varieties & technology	07 Crops, Total 34 varieties
3	Nutritional cum Horticultural crops	15 Crops, Total 27 varieties

Details of Crop cafeteria

Kharif 2012				Rabi 2012-13		
No.	**Crop**	**Variety**	**Yield kg/ha**	**Crop**	**Variety**	**Yield kg/ha**
1.	Soybean	JS-93-05	746.67	Barley	JB-1, JB 58	
2.		JS-95-60	780.00	Wheat	GW-366	
3.		JS-335	698.33		GW-322	
4.		JS-97-52	666.67		HI-1544	
5.		NRC-12	1416.67		HI-1531	
6.		NRC-7	983.33		JW-3211	
7.		MAUS-47	796.67		JW-3020	
8.		VS- 10	410.00		HI-1500	
9.		NRC-37	120.00		HW-2004	
10.	URD	LBG-20	716.67		JWS-17	
11.		PU-31	818.33		Sujata	
12.		PU-35	665.0		MP-4010	
13.		PU-30	780.00		C-306	
14.		T-9	673.33	Linseed	JLS-66	
15.		JU-3	618.33		JLS-67	
16.		JU-86	800.00		Padmini	
17.		Azad -1	571.67		JLS-9	
18.		IPU 94-1	1078.33		JLS-27	
19.	Mung	TJM-3	608.33		P-397	
20.		K-851	175.00	Mustard	NDR-8501, NDYS-298	
21.		Pusa Vishal	583.33	Lentil	JL-1, JL-3, DPL-62, PL-5	
22.		Hum-1	795.00	Gram	JG-16, JG-14, JG-11, JG-130, JGG1, JAKI-9218	
23.		N. Mung-1	183.33			
24.		Samrat	415.00			
25.		TM-9937	1126.77			
26.		PDM-139	433.00			
27.		JM-712	875.00			

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	Manish Tiwari	Agriculture	Vill.-Rajaua
2	Sagar	Shivraj Yadav	Agriculture	Vill.-Rajaua
3	Sagar	Dheeraj Dave	Agriculture	Vill.-Baroda
4	Sagar	Anil Dixit	Horticulture	Vill.-Baroda
5	Sagar	Shobharam Patel	Agriculture, Horticulture	Vill.-Mankyai
6	Sagar	Govind Patel	Horticulture	Vill.-Mahuakheda
7	Sagar	Arvind Kurmi	Agriculture, Horticulture	Vill.-Baroda
8	Sagar	Ashish Chaurasia	Agriculture, Horticulture	Vill.-Tili
9	Sagar	Kunwar Singh Thakur	Agriculture	Vill.-Badaua
10	Sagar	Mahendra Singh Thakur	Agriculture	Vill.-Bannan Bamhori

18. KVK interaction with progressive farmers-

Sr. No.	**Date and month of interaction programme with progressive farmers**	**No. of progressive farmers to be participated**
1	20/12/2012	42
2	18-22/01/2013	45

19. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Sagar	3	8	7	47

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. **Not Any**

Sr. No.	**Name of crop under Technology demonstration**	**Area under the programme**	**No. of Extension Activities**	**Remarks / Lessons learnt**
1	Gram	16 ha	Field day -01, IST-01	
2	Lentil	06 ha	Field day -01, IST-01	

21. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
1	KVK Damoh	Seeds for FLD , OFT	
2	KVK Tikamgarh	Seeds for FLD , OFT	
3	KVK Raisen	Seeds for FLD , OFT	

22. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks
Sagar	**Dr. S.S.Tomar, DRS, JNKVV**	**-**	**-**
	Dr. SRK Singh, Sr Scientist, ICAR		

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**	**1-10-2011**	**-**	**-**
	-	**-**	**-**	**-**

24. Status of RTI -

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals
1	**Sagar**	**NIL**	**NIL**

25. E-CONNECTIVITY (ERNET Lab) :-Not Applicable

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	**Nil**	**Nil**	**Nil**	**Nil**	Nil	Nil	Nil

26. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Sagar	Gosthies	2	72	Crop cafeteria, Nursery, Drip irrigation, Sprinkler irrigation
Sagar	Lectures organized	8	84	--
Sagar	Film show	4	84	--
Sagar	Farm Visit	4	154	Crop cafeteria, Nursery, Drip irrigation, Sprinkler irrigation
Sagar	Diagnostic Practical's	4	54	Crop cafeteria, Nursery, Drip irrigation, Sprinkler irrigation
Sagar	Distribution of Literature (No.)	6	154	--
Sagar	Distribution of Planting materials (No.)	5000	154	Nursery unit
Sagar	Total number of farmers visited the technology week	154		

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 -95-60	3500	
2	Sagar	Blackgram PU 35	12000	
2	Sagar	Gram JG 130, JG-16	20000	
3	**Sagar**	**Lentil DPL 62**	**1500**	

Major area coverage under alternate crops/varieties : Nil

Sl. No.	Name of KVK	Crops	Area (ha)	Number of beneficiaries
		Oilseeds		
		Pulses		
		Cereals		
		Vegetable crops		
		Tuber crops		
		Fruits		
		Spices		
		Cotton		

		Total		

Farmers-scientists interaction on livestock management

Sl. No.	Name of KVK	**Livestock components**	**Number of interactions**	**No.of participants**
1	Sagar	Dairy Management	1	
2	Sagar	Disease management	2	
3	Sagar	Feed and fodder technology	1	
4	Sagar	Poultry management	2	

Animal health camps to be organized :-

Name of KVK	**Number of camps**	**No.of animals**	**No.of farmers**
Sagar	**1**	**150**	**27**

Seed distribution in drought hit states :- NA

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

Seedlings and Saplings to be distributed

Name of KVK	**Crops**	**Quantity (No.s)**	**Coverage of area (ha)**	**Number of farmers**
Seedlings				
Sagar	Tomato	16700	-	17
Sagar	Chillie	12900	-	22
Sagar	Brinjal	8700	-	24
Sagar	Cauliflower	5000	-	18
Sagar	Cabbage	1700	-	08
Sagar	Rabi Onion	50 kg	-	15
Sagar	Papaya	40	-	05

Bio-control Agents :NIL

Bio-control Agents	**Quantity (q)**	**Coverage of Area (ha)**	**No. of farmers**
Trichoderma viride	0.05	2	10

Bio-Fertilizer :- NIL

Name of KVK	**Bio-Fertilizer**	**Quantity (kg)**	**Coverage of Area (ha)**	**No. of farmers**
Sagar	80 pkts	25	35	80

Verms Produced :- NIL

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	Ridge & Furrow Soybean Sowing	500	50
Sagar	Drip Irrigation in Orchards	35000	1000

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	4		4		6		2		6		8	

28. Proposal of NICRA

1. **Technologies to be Demonstrated :- NA**

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

2. Proposed Extension Activities in NICRA Village :- NA

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

3. Proposed Training Activities in NICRA Village ;- Not Any

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

4. Proposed Activities for Fodder Bank ;- Not Any

Established (Years)	Capacity	Current Status

5. Proposed Activities for Seed Bank ;- Not Any

Established (Years)	Capacity	Current Status

6. Public Representative/District Administration Visited in NICRA Village . Not Applicable

Name of Representative/Officer	Designation	Date of Visit

29. Proposed works under NAIP (in NAIP monitoring format) : Nil

30. Status of Revolving Funds (Rs.) To be opened after receiving of permission

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Sagar	KVK Account	100000	112510	112510

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 – Two best only in the following format

Name of the KVK, **TITLE, Introduction,** KVK intervention, Output, Outcome, Impact

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1	**Sagar**	**02**	**--**

SUCCESS STORY

TITLE: Productivity enhancement in Soybean – Wheat cropping sequence.

Introduction: The major crop of Sagar district is Soybean in Kharif season and wheat in Rabi season. The wheat produced in Sagar district is known for its peculiar qualities. The major existing felt problems in soybean –wheat cropping sequence are poor seed replacement rate, broadcasting method of sowing, major area is rainfed / semi irrigated, & poor infrastructure facilities. The soils are low to medium in Nitrogen, medium in Phosphorus and rich in Potash. Major sources of irrigation are open well, tube well & canal.

KVK Sagar has adopted Baroda village during 2010 .During kharif season, Soybean is taken in 640 ha whereas wheat is grown in 350 ha with low productivity 1600 kg/ha. Through PRA, it was observed that most of the farmers are growing long duration variety JS-335. Though its yield potential is 25-30 q/ha but due to long dry spell or scarcity of water during pot filling stage, the productivity of soybean became very low (890 kg/ha) . In the rabi season, usually the farmers us to grow Lok-1 or other traditional varieties of wheat under limited irrigation.

KVK intervention - KVK Sagar has introduced short duration variety of Soybean JS-9305 to escape with long dry spell or scarcity of water during pot filling stage under FLD oilseed programme & Wheat variety JW-3211/ JW-3020 under semi irrigation condition. The yield potential of variety JS-9305 is 20-25 /ha whereas the yield potential of wheat varieties JW-3211/ JW-3020 is 30-35 q/ha under semi irrigation condition.

Output : The yield of soybean has increased by 17% (940-1375 kg/ha) whereas wheat yield increased from 1500 to 2200 kg/ha (15%) in the demonstrations . Farmers were convinced with the technology and showed interest in further adoption .

Impact - After 2years (2012-13) most of the famers adopted Soybean variety JS-9305 & Wheat varieties JW-3211/ JW-3020 under semi irrigation condition in Soybean – Wheat cropping sequence with improved agronomical practices . The yield increased by 17% in soybean & 15 % in wheat crop in comparison to the old varieties taken by farmers .

FLD Soybean

FLD Soybean

FLD Soybean

SUCCESS STORY

TITLE: Concentrate feed in milch animals to enhance milk production.

Introduction: Salaiyagazi village has potential population of livestock but they didn't know the nutrient requirement of production and maintenance ration of milch animals & even they did not follow the correct method of feeding. There fore, under on farm trial of Krishi Vigyan Kendra, Sagar village Salaiyagazi was selected. After that, buffaloes of second to third calving were selected and deworming with fenbendazole was done. Farmers had already formed SHG of five female household workers.

KVK intervention - Concentrate feed for production at the rate of 2kg per 4-5 kg of milk production was supplied for the period of 6 months i.e. last trimester of pregnancy and initial three months of lactation. Earlier record of milk per day was collected from the farmers.

Output : After concentrate feeding of pellet feed, milk production enhanced average of 7-8 kg per day of every animal. They collected the milk and supplied to the milk collection booth which was installed by Bhopal Dugdh Sangh, Bhopal and received the price of Rs. 4.10 per fat percentage. Because of feeding concentrate mixture fat percentage is also increased which is normally 6% in case of buffalo is also increased up to 8% percentage . Farmers had initially received the average income of Rs. 1920 –Rs. 4800 per month. Farmers had average income of Rs. 6720 to Rs. 7680 per month with increased milk productivity of 7-8 liter per day.

Impact - Considering the upper limit initial per Month income of Rs. 4800 which was increased up to Rs. 7680 the difference of Rs. 2880. The percentage increase of income was 60 %.

FLD Concentrate Feed

33. Well labeled Photographs for each activity of the KVK (Soft copies as well as hard copy- specially for all OFT along with the problem)

Farmers Training

Farmwomen training on Kitchen garden

Training on value addition

In-Service Training

Training under VTP on Seed Production

Training under MPWSRP at Bhohari Village

Training under MPWSRP at KVK Sagar

OFT- Ridge & Furrow method of Sowing

OFT- IPM in Brinjal

OFT- Vermicompost production by Farmwomen

OFT- Wheat (JW-3211)

FLD- Pulse (Blackgram)

FLD- Pulse (Gram)

FLD – NFSM (Gram)

FLD – Oilseed (Soybean)

Crop cafeteria – Rabi 2012-13

Crop cafeteria – Rabi 2012-13

Crop cafeteria Rabi 201-13

Kitchen garden Rabi 201-13

Exhibition in Kisan Mela

Field Day on Soybean

Animal health camp

World women day