# **Annual Progress Report 2008-09**

# STAFF POSITION as on 30th Sept.'09

Ī	123712	PC		SMS		PA		ADMN		AX		SUPP		TOTAL								
	KVK	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V	$\mathbf{S}$	F	V	S	F	V
		1	1	•	6	4	2	3	2	1	1	1	-	3	3		2	1	1	16	12	4

S- Sanctioned F- Filled V- Vacant

# **REVOLVING FUND**

	Opening Balance	Revenue	Closing Balance
KVK	on 1.4.08 (Rs. in	Generated	on 31.3.09
	lakhs)	(Rs. in lakhs)	(Rs. in lakhs)
KVK , NARMADA	6,579	1,04,504	49,923

# SCIENTIFIC ADVISORY COMMITTEE

KVK	No. of meetings conducted	Date of meeting
-	•	•

# **ACTIVITIES OF KVK**

#### TECHNOLOGY ASSESSMENT AND REFINEMENT

Details of technologies assessed and refined

Technologies assessed\*\*

SI.No.	Enterprise	Crop/Animal/Species	Name of the technology**	Thematic Area
1	Vegetables	Chilly	Showing Distance ( 60 x 60	Showing Distance
		Crimy	cm)	

<sup>\*\*</sup> Any new technology, which may offer solution to a location specific problem but not tested earlier in a given micro situation.

Technologies refined\*\*

recimologic	o i cillica			
SI.No.	Category	Crop/ Enterprise	Name of the technology**	Thematic Area

<sup>\*\*</sup> Technology that is refined in collaboration with ICAR/SAU Scientists for improving its effectiveness.

Abstract on the number of technologies assessed in respect of crops/enterprises

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal				•						
Evaluation										
Seed / Plant										
production										
Weed										
Management										
Integrated					1					1
Crop					Cont					Cont
Management										
Integrated										
Nutrient										
Management										
Integrated										
Farming										
System										
Mushroom										
cultivation										
Drudgery										
reduction										
Farm										
machineries										
Value										
addition										
Integrated										
Pest										
Management										
Integrated										
Disease										
Management										
Resource										
conservation										
technology										
Small Scale										
income										
generating										
enterprises										
TOTAL										

Abstract on the number of technologies **refined** in respect of crops/ enterprises

	t on the nu	mber of ted	chnologie	s refined in re	espect of crop	ps/ ente	rprises			
Thematic	Cereals	Oilseeds	Pulses	Crons	Vegetables	Fruits	Flower	Plantation	Tuber	TOTAL
areas				Crops				crops	Crops	
Varietal										
Evaluation										
Seed / Plant										
production										
Weed										
Management										
Integrated										
Crop										
Management										
Integrated										
Nutrient										
Management										
Integrated										
Farming										
System										
Mushroom										
cultivation										
Drudgery										
reduction										
Farm										
machineries										
Post Harvest										
Technology										
Integrated										
Pest										
Management										
Integrated										
Disease										
Management										
Resource										
conservation										
technology										
Small Scale		1								
income										
generating										
enterprises										
TOTAL		1								
IUIAL	1	1	l	I		1	1	I	1	l

# Abstract on the number of technologies assessed in respect of livestock/enterprises

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

Abstract on the number of technologies refined in respect of livestock/ enterprises

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

#### PERFORMANCE OF IMPORTANT TECHNOLOGIES

#### A. Technology Assessed

#### Trial 1

1. Title : Low yield of Chilly

2. Problem diagnose/defined : The sowing distance of this crop adopted by farmer is so

closer resulted in poor crop growth and yield.

Details of technologies selected for assessment /refinement

T1: 30 x30 cm (farmer's practices)

T2: 60 x60 cm (Recommended spacing)

T3: 45 x45 cm (refinement)

4. Source of technology : GAU, Navsari

5. Production system/

thematic area : Rainfed Sowing distance

6. Thematic area : Sowing distance

7. Performance of the

Technology with

performance indicators : On going

8. Final recommendation for

micro level situation : On going

9. Constraints identified and

feedback for research : ---

10. Process of farmers

participation and

their reaction : Farmers participation in planning, execution and monitoring.

i) Name of technology: Sowing distance (On going)

			Perform	ance on	differer	nt paramete	ers		
Technological	No.of Trials	Plant h (cn	•		ant opy	No. of	Yield	Result and	Acceptability in existing
Options*		60 DAT	120 DAT	60 DAT	120 DAT	picking	(q/ha)	Recommendation	farming system
T1 : 30 x30 cm (farmer's practices)	3	-	-	-	-	-	-	-	-
T2: 60 x60 cm (Recommended spacing)	3	-	-	-	-	-	-	-	-
T3: 45 x45 cm (refinement)	3	-	<mark>-</mark>	<mark>-</mark>	<u>-</u>	-	-	-	-

<sup>\*</sup> Furnish details of technology assessed alongwith Farmers Practices.

DAT - Day after Transplanting

B Technologies refined : ---NIL---

# **FRONTLINE DEMONSTRATIONS**

Crop/enterprise	No.of demonstrations	Area (ha)
Oilseeds	19	10
Pulses	35	10
Cereals	52	15
Millets	-	-
Cash crops	-	-
Fodder crops	-	-
Fruit crops	-	-
Vegetable crops	65	8.4
Plantation crops	-	-
Spices and condiments	-	-
Flowers and ornamental crops	-	-
Medicinal and aromatic plants	-	-
Bio- Agent / IPM	48	19
Fishery	-	-
Total		
		Units (No.)
Dairy		
Sheep and goat		
Poultry		
Piggery		
Rabbitary		
Apiculture		
Mushroom units		
Total		
Grand total		

#### **OILSEEDS**

	Season				Per	formance	of technology on	different	parameters*		
Crop		Name of	No.of	Area	1		2		3		Result
Сгор		technology	farmers	(ha)	Demonstration	Local	Demonstration	Local	Demonstration	Local	**
					Demonstration	Check	Demonstration	Check	Demonstration	Check	
					Pods / pla	ant	Length of poo	d (cm)	Yield		
Soybean	Kharif	JS-335	15	5.0	120 to 125	90 to	4.25 to 4.50	4.0 to	1492	1298	
	2008					100		4.20			
					Pods/ plant		Test wt (gm)		Yield (kg/ha)		
Groundnut	Kharif	GG-6	14	5.0	29 to 32	22 to	29 to 32	17 to	1491	1281	
	2008					24		22			

<sup>\*</sup> Include the data on related observations and yield

#### **PULSES**

	Season				Per	formance	of technology on	different	parameters*		
Cron		Name of	No. of	Area	1		2		3		Result
Crop		technology	farmers	(ha)	Damonstration	Local	Domonstration	Local	Domonstration	Local	**
					Demonstration	Check	Demonstration	Check	Demonstration	Check	
					Branches / pla	ant	Pods/ plant		Yield (kg/ha)		
Pigeon	Kharif	Vaishali	14	5.0	8-11	6-9	215-250	170-	1532	1241	
pea	2008							205			
					Pods / plant		Length of pod	(cm)	Yield		
Gram	Rabi	G.G.2	21	5.0	23-28	35-	43-48	14-	1566	1262	
	2008-					40		18			
	09										

<sup>\*</sup> Include the data on related observations and yield

#### Cotton

	Season				Per	formance	of technology on	different	parameters*		
Crop		Name of	No.of	Area	1		2		3		Result
Стор		technology	farmers	(ha)	Demonstration	Local Check	Demonstration	Local	Demonstration	Local	**
					Demonstration	Check	Demonstration	Check	Demonstration	Check	

<sup>\*</sup> Include the data on related observations and yield

#### CEREALS, HORTICULTURE AND OTHER CROPS

	Season				Per	formance	of technology on	different	parameters*		
Crop		Name of	No.of	Area	1		2		3		Result
Стор		technology	farmers	(ha)	Demonstration	Local	Demonstration	Local	Demonstration	Local	**
					Demonstration	Check	Demonstration	Check	Demonstration	Check	
							Diseased pla	nt (%)	Yield (kg/	ha)	
Pigeon	Kharif-	Bio-agent	5	2	-	-	< 1%	10 to	1474	1239	
pea	08	(Trichoderma)						15 %			
					Heliothis Pop Plants		Pods fly dan pods / 20 p		Yield (kg/	ha)	
Pigeon	Kharif-	Bio-agent	13	5	1 to 2 larvae	> 20	1 to 2	3 to 4	1501	1208	

<sup>\*\*</sup> Efficacy of technology demonstrated and its impact on yield

<sup>\*\*</sup> Efficacy of technology demonstrated and its impact on yield

<sup>\*\*</sup> Efficacy of technology demonstrated and its impact on yield

pea	08	(HNPV)				larvae					
•					White fly / I	eaves	Heliothis/ 20	plant	Yield (kg/	/ ha)	
Cotton	Kharif- 08	IPM	12	5	1 to 2	> 5	1 to 2	>15	1801	1469	
					White fly / le	eaves	Damage marketable		Yield (kg/	′ ha)	
Brinjal	Rabi- 08	IPM	13	5	1 to 2	> 5	< 1 %	> 20 %	23770	19869	
							Diseased pla	ınt (%)	Yield (kg/	ha)	
Gram	Rabi- 08	Bio-agent (Trichoderma)	5	2	-	-	< 1%	9 to 12 %	1108	936	
					Provide leng	th (cm)	No's of gra		Yield (kg/	ha)	
Paddy	Kharif 2008	Variety	17	5.0	28.37	22-30	120-140	105- 114	2182	1772	
					Ear length (cm	)	Grain / ear		Yield (kg/	ha)	
Wheat	Rabi- 08-09	Variety	18	5.2	8-11	7-9	32-40	26-32	4113	3325	
Wheat	Rabi	ICM	17	4.8	8-12	6-9	35-42	26-35	4130	3308	
					No. of fruit per plant		Length of fruit (cm)		Yield (kg/		
Chilly	Kharif 2008	Variety	12	2	150-159	130- 137	9 to10.3	8.2 to 9.8	6957	6112	Good
					No. of fruit per	plant	Weight of fruit	(gm)	Yield (kg/ ha)	•	
Brinjal	Kharif 2008	Variety	12	2	13-17	10-13	108-117	102- 109	2563	2103	Good
					No. of fruit per	plant	Weight of fruit	(gm)	Yield (kg/ ha)	1	
Tomato	Rabi- 08	Variety	20	2	24-28	19-22	23-28	18-22	25917	22306	Good
Onion					Bulb Weight (g	2m)	Volume of bulb	(cm <sup>3</sup> )	Yield (kg/ ha)		
-					112-120	105- 112	108-116	101- 109	158	131	Good

Include the data on related observations and yield Efficacy of technology demonstrated and its impact on yield

#### **ENTERPRISES: NIL**

	Name		No.		Performance	of technology	y on different	parameters *		
Entermise	of	No.of	of	1	1	2	2	3	3	Result**
Enterprise	techno	farmers	Unit	Demonstr	Local	Demonstr	Local	Demonstr	Local	Result
	logies		s	ation	Check	ation	Check	ation	Check	
Apiculture										
Bio-feed										
(Azolla)										
Dairying										
Duckery										
Mushroo										
m										
Piggery										
Poultry										
Quail										
farming										
Sheep and										
Goat										
production										

<sup>\*</sup> Include the data on related observations and yield

#### Demonstrations on Hybrid varieties of different crops : NIL

	Season	Name			Per	formance	of technology on	different	parameters*		
Crop		of the	No. of	Area	1		2		3		Result
Стор		Hybrid	farmers	(ha)	Demonstration	Local	Domonstration	Local	Demonstration	Local	**
		variety			Demonstration	Check	Demonstration	Check	Demonstration	Check	

<sup>\*</sup> Include the data on related observations and yield

<sup>\*\*</sup> Efficacy of technology demonstrated and its impact on yield

<sup>\*\*</sup> Efficacy of technology demonstrated and its impact on yield

# Training (including Vocational, Sponsored and FLD training)

Thematic area	No. of				P	articipan	ts			
	courses		Others			SC/ST			arand Tot	al
		Male	Female	Total	Male	Female	Total	Male	Female	Total
(A) Farmers &										
Farm Women										
I Crop										
Production										
Weed	1	-	_	-	35	-	35	35	-	35
Management	-				- 55		- 55	55		30
Resource	_									
Conservation	2	-	-	-	64	-	64	64	-	64
Technologies										
Cropping										
Systems										
Crop										
Diversification										
Integrated										
Farming										
Water										
management Seed production	1		-		10	4	90	10	4	90
•	1	-	-	-	16	4	20	16	4	20
Nursery										
management										
Integrated Crop Management	7	22	-	22	128	7	135	150	7	157
Fodder										
production										
Production of										
organic inputs										
II Horticulture										
a) Vegetable										
Crops										
Production of										
low volume and	1				-	34	34	-	34	34
high value crops	_					-				
Off-season										
vegetables										
Nursery raising	5	1	-	1	104	12	116	105	12	117
Exotic										
vegetables like										
Broccoli				<u></u>	<u></u>		<u></u>		<u> </u>	
Export potential vegetables										
Grading and										
standardization										
Protective										
cultivation										
(Green Houses,										
Shade Net etc.)										
Other	3	1	1	2	52	4	56	53	5	58
b) Fruits										
Training and										
Pruning										
Layout and	1				29	-	29	29	-	29

				^						
Management of										
Orchards										
Cultivation of						_			_	
Fruit	1				15	3	18	15	3	18
Management of										
young										
plants/orchards										
Rejuvenation of										
old orchards										
Export potential										
fruits										
Micro irrigation										
systems of										
orchards										
Plant										
propagation										
techniques										
c) Ornamental										
Plants										
		1	1							
Nursery										
Management										
Management of										
potted plants										
Export potential										
of ornamental										
plants										
Propagation										
techniques of										
Ornamental										
Plants										
d) Plantation										
crops										
Production and										
Management										
technology			1							
Processing and										
value addition										
e) Tuber crops										
Production and										
Management										
technology										
Processing and										
value addition										
f) Spices										
Production and										
Management										
technology										
Dranasina and										
Processing and										
value addition										
g) Medicinal										
and Aromatic										
Plants										
Nursery										
management										
Production and										
management										
technology										
Post harvest										
technology and										
value addition										
III Soil Health										
and Fertility										
and I ci tility	l .		1	I					1	L

Management Soil fertility										
management										
Soil and Water Conservation										
Integrated										
Nutrient										
Management Production and										
use of organic	1				26	_	26	26	_	26
inputs	1				20		20	20		20
Management of										
Problematic										
soils Micro nutrient										
deficiency in										
crops										
Nutrient Use	1				26	-	26	26	-	26
Efficiency Soil and Water	-									
Testing										
IV Livestock										
Production and										
Management										
Dairy	3				88	17	105	88	17	105
Management Poultry										
Management										
Piggery										
Management										
Rabbit Management										
Disease	_		25	25		25	42			25
Management	3	-	25	25	15	27	42	15	52	67
Feed	1				16	17	33	16	17	33
management Production of										
quality animal										
products										
V Home										
Science/Women										
empowerment										
Household food										
security by kitchen										
gardening and										
nutrition										
gardening										
Design and										
development of low/minimum										
cost diet Designing and										
development for										
high nutrient										
efficiency diet										
Minimization of nutrient loss in										
processing										
						1		i		

				ΛII						
Gender										
mainstreaming										
through SHGs										
Storage loss										
minimization										
techniques										
Value addition										
Income										
generation										
activities for										
empowerment										
of rural Women										
Location										
specific										
drudgery										
reduction										
technologies										
Rural Crafts										
Women and										
child care										
VI Agril.										
Engineering										
Installation and										
maintenance of										
micro irrigation										
systems										
Use of Plastics										
in farming										
practices										
Production of										
small tools and										
implements										
Repair and										
maintenance of										
farm machinery										
and implements										
Small scale										
processing and										
value addition										
Post Harvest										
Technology										
VII Plant										
Protection										
Integrated Pest	10	28	-	28	192	6	198	220	6	226
Management										
Integrated										
Disease										
Management										
Integrated										
insect Pest &	2	_	_	_	59	_	59	59	_	59
diseases					99		99	99		99
Management										
Bio-control of										
pests and										
diseases										
Production of								-		
bio control										
agents and bio										
pesticides										
			•		•					

VIII Fisheries						
Integrated fish						
farming						
Carp breeding						
and hatchery						
management Carp fry and						
fingerling						
rearing						
Composite fish						
culture						
Hatchery						
management						
and culture of						
freshwater						
prawn Breeding and						
culture of						
ornamental						
fishes		<u></u>		<u></u>	 <u> </u>	
Portable plastic						
carp hatchery						
Pen culture of						
fish and prawn Shrimp farming						
Edible oyster						
farming						
Pearl culture						
Fish processing						
and value						
addition						
IX Production						
of Inputs at site						
Seed Production						
Planting						
material						
production						
Bio-agents						
production						
Bio-pesticides production						
Bio-fertilizer						
production						
Vermi-compost						
production			<u></u>	<u></u>		
Organic						
manures						
production						
Production of						
fry and fingerlings						
Production of						
Bee-colonies						
and wax sheets						
Small tools and						
implements						
Production of						
livestock feed						
and fodder Production of						
r roduction of						]

				ΛIV					
Fish feed									
X Capacity					-			 ·	
<b>Building and</b>									
Group									
Dynamics									
Leadership									
development									
Group dynamics									
Formation and									
Management of SHGs									
Mobilization of									
social capital									
Entrepreneurial									
development of									
farmers/youths									
WTO and IPR									
issues									
XI Agro-									
forestry									
Production									
technologies									
Nursery									
management									
Integrated									
Farming									
Systems									
TOTAL (D) DUDAY									
(B) RURAL YOUTH									
Mushroom									
Production									
Bee-keeping									
Integrated									
farming									
Seed production									
Production of									
organic inputs									
Integrated									
Farming									
Planting									
material									
production									
Vermi-culture									
Sericulture									
Protected									
cultivation of									
vegetable crops									
Commercial									
fruit production									
Repair and									
maintenance of									
farm machinery and implements									
Nursery									
Management of									
Horticulture									
crops									
Training and									
pruning of									
L. m.m. P or	l .	1	1			l	L		l

orchards						
Value addition						
Production of						
quality animal						
products						
Dairying						
Sheep and goat						
rearing						
Quail farming						
Piggery						
Rabbit farming						
Poultry						
production						
Ornamental						
fisheries						
Para vets						
Para extension						
workers						
Composite fish						
culture						
Freshwater						
prawn culture						
Shrimp farming			 			
Pearl culture						
Cold water						
fisheries						
Fish harvest and						
processing						
technology						
Fry and						
fingerling						
rearing						
Small scale						
processing						
Post Harvest						
Technology						
Tailoring and						
Stitching						
Rural Crafts						
TOTAL						
101112						
(C) Extension						
Personnel						
Productivity						
enhancement in						
field crops						
Integrated Pest						
Management						
Integrated						
Nutrient						
management Rejuvenation of						
old orchards						
Protected						
cultivation						
technology						
Formation and						
Management of						
SHGs						
Group Dynamics and						
L Dynamics and	ĺ					

farmers										
organization										
Information										
networking										
among farmers										
Capacity										
building for ICT										
application										
Care and										
maintenance of										
farm machinery										
and implements										
WTO and IPR										
issues										
Management in										
farm animals										
Livestock feed										
and fodder										
production										
Household food										
security										
Women and										
Child care										
Low cost and										
nutrient efficient										
diet designing										
Production and										
use of organic										
inputs										
Gender										
mainstreaming										
through SHGs	40		2.0			404	000	0.1 =		10-1
TOTAL	43	52	26	78	865	131	996	917	157	1074

Vocational training programmes: NIL

	31 3						
Manatina	No. of		of Partic luding S		No. of SC/STParticipants		
Vocation	Courses	Male	Fem ale	Total	Male	Female	Total
-	-	-	-	-	-	-	-

### XVII

**Sponsored Training Programmes** 

Thematic Area	Client	No. of	No. of F	articipants SC/ST	including	No. o	f SC/STParti	cipants
	(PF/RY/EF)	Courses	Male	Female	Total	Male	Female	Total
On Campus								
Integrated crop     management	PF	4	187	-	187	187	-	187
Vegetable (wine crop) cultivation	PF	1	34	2	36	34	2	36
Total		5	221	2	223	221	2	223
Off Campus  1. Kitchen garden	PF	1	_	30	30	_	30	30
Feed management	PF	1	-	15	15	-	15	15
3. Resource conservation technology	PF	1	25	10	35	25	10	35
4. Integrated crop management	PF	3	82	14	96	82	14	96
5. Protective cultivation	PF	1	16	6	22	16	6	22
Total		7	123	75	198	123	75	198
Grand Total		12	344	77	421	344	77	421

# Extension activities

Nature of	Nia -f					Pa	articipar	nts					
Extension	No. of	Farme	rs (Others	)	SC	/ST (Farm			nsion Off	cials	(	Grand Total	al
Activity	activities	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	6				140	4	144				140	4	144
Kisan Mela	1	50	10	60	1240	900	2140				1290	910	2200
Kisan Ghosthi	13				229	8	237				229	8	237
Exhibition	10	208	58	266	1159	597	1756				1367	655	2022
Film Show	-	-	-	-	-	-	-	-	-	-	-	-	-
Method	-	-	-	-	-	-	-	-	-	-	-	-	-
Demonstrations													
Farmers	-	-	-	-	-	-	-	-	-	-	-	-	-
Seminar													
Workshop	-	-	-	-	-	-	-	-	-	-	-	-	-
Group	-	-	-	-	-	-	-	-	-	-	-	-	-
meetings													
Lectures	30				964	552	1516				964	552	1516
delivered as													
resource													
persons Newspaper	-	_	-	_	-	_	-	-	-	_	-	_	-
	-	-	-	-	-	-	-	_	-	-	-	<b>-</b>	-
coverage Radio talks	_	_	-	_	_	_	_	_	_	_	-	_	_
TV talks	2	-	<del> </del>	<del>-</del>	+-	-	-	-	_	_	+	<del>-</del>	<del>-</del> -
Popular articles	2		+								<b> </b>		
Extension	3												
Literature													
Advisory	12				12	_	12				12	_	12
Services													
Scientific visit	92				159	22	181				159	22	181
to farmers field													
Farmers visit to		30	20	50	64	55	119				94	75	169
KVK													
Diagnostic	10				17	-	17				17	-	17
visits													
Exposure visits	2				25	2	27				25	2	27
Ex-trainees													
Sammelan													
Soil health													
Camp Animal Health													
Camp													
Agri mobile													
clinic													
Soil test													
campaigns													
Farm Science													
Club													
Conveners													
meet				]									
Self Help													
Group													
Conveners													
meetings Mahila Mandals											-		
Conveners													
meetings													
Celebration of											<del>                                     </del>		
important days													
(specify)													
Fruit plants	6				270	133	403				270	133	403
distribution	1												
RAWE	2	50	-	50							50	-	50
students	Í	1	1	1			1	Ī			1	1	

Total	191	338	88	426	4279	2273	6552	0	0	0	4617	2361	6978

# Production and supply of quality seed and planting material

#### **SEED MATERIALS**

Major group/class	Crop	Variety	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
CEREALS					
	Rice*	IET- 14444	4	<mark>14000</mark>	<mark>15</mark>
	Rice*	BPT-343	<mark>5</mark>	<mark>15000</mark>	<mark>15</mark>
	Wheat*	Sahyadri	8	8000	<mark>20</mark>
OILSEEDS					
	Groundnut*	TCGS1	<mark>10</mark>	10000	<mark>25</mark>
PULSES					
VEGETABLES					
FLOWER CROPS					
OTHERS (Specify)					

# \*An example for guidance only

# **SUMMARY**

SI. No.	Major group/class	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
1	CEREALS			
2	OILSEEDS			
3	PULSES			
4	VEGETABLES			
5	FLOWER CROPS			
6	OTHERS			
	TOTAL			

#### **PLANTING MATERIALS: NIL**

	Variety	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers
1				
-				
1				
1	ļ	ļ		

#### SUMMARY

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

### BIO PRODUCTS : NIL

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

2			
3			
4			

# SUMMARY

SI. No.	Product Name	Species	Qua	ntity	Value (Da )	Provided to No. of Farmers	
			Nos	(kg)	Value (Rs.)		
1	BIOAGENTS						
2	BIO FERTILIZERS						
3	BIO PESTICIDE						
	TOTAL						

#### LIVESTOCK: NIL

SI. No.	Туре	Breed	Qua	antity	Value (Rs.)	Provided to No. of Farmers		
			(Nos	Kgs				
Cattle								
SHEEP AND GOAT								
POULTRY								
FISHERIES								
Others (Specify)								

#### SUMMARY

SI. No.	Туре	Breed	Quantity				
			Nos	Kgs	Value (Rs.)	Provided to No. of Farmers	
1	CATTLE						
2	SHEEP & GOAT						
3	POULTRY						
4	FISHERIES						
5	OTHERS						
	TOTAL						

### **PUBLICATIONS**

Type of Publication	No. of Items/topics	Number copies
News Letter	-	
Technical reports	Annual Progress Report     ZREAC report	
Technical bulletins		
Popular articles	1. Saslapalan (Gujarati) Dr. N. B. Patel	Published in Gujarat Samachar dated 09/09/09
Extension literature	Kitchen garden	1000
	Raising of seedling of vegetable crop	1000
	3. Krushi Vigyan Kendra- Activities	1000
Electronic media		

# **CASE STUDIES**: NIL

Title
Background
Interventions
Process
Technology
Impact
Horizontal Spread
Economic gains
Employment Generation

### **SOIL AND WATER TESTING: NIL**

Details	No. of Samples	No. of Farmers	No. of Villages	Amount realised (Rs.)
Soil Samples				
Water Samples				

### XXIII

Plant Samples			
Petiole Samples			
Total			

# **Rainwater Harvesting**

One Farm pond developed at KVK farm of 100 X 60 mt. = 6,000 m<sup>2</sup> area.

Training programmes conducted by using Rainwater Harvesting Unit

Date	Title of the training	Client No. of		No. of Participants including SC/ST			No. of SC/STParticipants		
Date	course	(PF/RY/ EF)	Courses	Male	Fem ale	Total	Male	Female	Total
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	1	-	-	-