



ANNUAL ACTION PLAN



1st APRIL-2013 TO 31ST MARCH-2014

SUBMITTED TO
ZONAL PROJECT DIRECTORATE
ZONE-VI, JODHPUR



SUBMITTED BY
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TA.: SIDHPUR, DIST.:PATAN (N.G.)

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ANNUAL ACTION PLAN



GUJARAT STATE



PATAN DISTRICT

(1ST APRIL-2013 TO 31ST MARCH-2014)

MAJOR THRUST AREA

Thrust area identified through PRA or any other method.

1. **Average productivity of major crops (Castor, Mustard, Cotton, Cumin, Wheat & Green-gram, Carrot) is low**
It can be increased by
 - ✓ Adoption of improved and high yielding variety.
 - ✓ Adoption of Plant Protection measures and I.P.M.
 - ✓ Use of organic manures and chemical fertilizer management.
2. **In adequate irrigation water**
It can be solved by
 - ✓ Adoption of drip irrigation.
 - ✓ Irrigation in alternate furrow method.
 - ✓ Adoption of less water required crops
3. **Reclamation of Alkaline soil.**
 - ✓ It can be solved by using soil amendment.
4. **Area under fruits and vegetable crops is very low.**
It can be solved by
 - ✓ Introduction of fruits and vegetables crops.

5. Unavailability of Agril. labour**It can be solved by**

- ✓ Farm mechanization

6. Post harvest technology in fruit and vegetable crops is highly required.

- ✓ Training regarding, Grading, packing, Transportation and marketing techniques.

7. Average milk production per animal is low**It can be increased by**

- ✓ Fodder management
- ✓ Selection of breed.
- ✓ Health care management

8. Requirement of value addition of fruits and vegetable.

- ✓ Preparation & Preservation of pickles, Jam, Jelly, Squash, Candy.

9. Low income of landless agril. labour

- ✓ Income generation activities through agro. base gruh udyog.
- ✓ Women empowerment through income generation activities.

10. Scope & importance of solar energy- Solar Coker

**QUARTER WISE SUMMARY OF ANNUAL ACTION PLAN OF KVK - PATAN FOR THE
YEAR: 2013-14
(1ST April.-2013 TO 31ST March. -2014)**

1. TRAINING PROGRAMME: -

S. N.	Subject	ON CAMPUS															
		PF				FW				RY				EF			
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
1.	Crop Production	3	3	2	2	-	-	-	-	1	-	-	1	1	-	-	-
2.	Horticulture	3	3	-	-	-	-	-	-	1	-	1	-	-	-	-	-
3.	Plant Protection	3	3	3	2	-	-	-	-	-	-	-	-	-	-	-	1
4.	Animal Science	-	-	-	-	1	2	1	1	-	-	-	-	-	1	-	-
5.	Home Science	-	-	-	-	2	3	3	3	1	-	1	-	1	-	-	-
6.	Agril. Engg.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.	Multi. Discipline	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
8.	Plant Breeding	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.	Rural Craft	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total :-	9	9	5	4	3	5	4	4	3	-	2	1	2	1	1	1

S. N.	Subject	Sponsored				On Campus				Off Campus				Grand Total
		I	II	III	IV	I	II	III	IV	I	II	III	IV	
1.	Crop Production	1	-	-	-	5	3	2	3	3	3	3	4	27
2.	Horticulture	-	-	1	-	4	3	1	-	3	3	3	5	23
3.	Plant Protection	1	-	-	-	3	3	3	3	3	3	3	3	25
4.	Animal Science	-	-	-	-	1	3	1	1	1	-	1	1	09
5.	Home Science	1	1	-	-	3	3	4	3	3	3	3	3	27
6.	Agril. Engg.	-	-	-	-	-	-	-	-	-	-	-	-	-
7.	Multi. Discipline	-	-	-	1	-	-	1	-	-	-	-	-	2
8.	Plant Breeding	-	-	-	-	-	-	-	-	-	-	-	-	-
9.	Rural Craft	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total :-	3	1	1	1	16	15	12	10	13	12	13	16	113

PF : Practicing Farmer
FW: Farm Women

RY : Rural Youth
EF : Extension Functionaries

2. DEMONSTRATION :-

Sr. No.	Type of Demonstration	Crop	Farming situation	No. of Demonstration	Area (ha.)
1.	F.L.D.				
	I. Kharif				
	1. Cotton- Crop production	Cotton	Irrigated	30	15
	2. Castor- Crop production	Castor	Irrigated	30	15
	3. Green-gram-Crop production	Green-gram	Irrigated	30	15
	II. Rabi				
	1. Fennel- Crop production	Fennel	Irrigated	30	15
	2. Cumin- Crop production	Cumin	Irrigated	30	15
	3. Wheat- Crop production	Wheat	Irrigated	30	15
	4. Cauliflower- horticulture	Cauliflower	Irrigated	10	2.5
	5. Cabage-Horticulture	Cabage	Irrigated	10	2.5
	III. Summer				
	1, Bajra - Crop production	Bajra	Irrigated	10	05

3. ON FARM TESTING :-

- 3.1. Low income from Cotton crop
- 3.2. Low yield of Cumin
- 3.3. Low yield of Cumin
- 3.4. Low yield of Wheat

4. EXTENSION ACTIVITIES :-

Sr.No.	Activity	Total
1.	Field day	08
2.	Method demonstration	04
3.	Ex-trainee meeting	02
4.	Agri. Exhibition	02
5.	Self help group	02
6.	Farm science club	02
7.	Night meeting	01
8.	Group meeting	02
9.	World food day	01
10.	Women in Agril. day	01
11.	Celebration of international women day	01
12.	Farmer day	01
13.	Celebration of establishment of ICAR day	01
14.	Lectures to be delivered in other programme	04
15.	Exposure visit	01
16.	Scientist farmer interaction	01
17.	Diagnostic service -Farmers visit to KVK -Scientist visit to farmers field	-
18.	Soil and water sample analysis	150
19.	Publication -Popular article to be published -Success story -Case study	10 02 02
20.	Communication media -New paper coverage -Subscription for agril magazine	05 150
21.	Distribution of seed/seedling on cost basis	

5. PROPOSED PLAN OF WORK FOR INSTRUCTIONAL FARM :-

5.1.	Crop Production	-	9.0 ha.
5.2.	Horticulture	-	5.0 ha.
5.3	Demonstration	-	2.0 ha.
5.4	Land under development	-	3.0 ha.
5.5	Land under Infrastructure facility	-	1.0 ha.

6. INFRASTRUCTURE DEVELOPMENT :-

Details is given in report

7. S.A.C. MEETING PROPOSED :-

March-2014

1. VOCATIONAL TRAINING PROGRAMME :-

1.1. On-Campus Programme :-

Sr. No.	Subject	Title of Training	Date	Duration	No.of Participants	Type of participants
I- QUARTER						
1.	Crop Production	Importance of summer ploughing and green maturing	April-13	03	20	Farmer
		Advances in Kharif pulses production technology	May-13	03	20	Farmer
		Integrated nutrient management in Castor and cotton	June-13	03	20	Farmer
		Seed production technology of green gram	June-13	07	15	Rural youth
2.	Horticulture	Rejuvenization of old orchards like lime & pomegranate	April-13	03	20	Farmer
		Training & pruning in pomegranate & lime	May-13	03	20	Farmers
		Nursery raising of vegetable crops	May-13	07	15	Rural youth
		Scientific cultivation of custard apple	June-13	03	20	Farmers
3.	Plant Protection	Identification of sucking pest & their management	April-13	03	20	Farmer
		Identification of Bio-agent & their role in insect pest management	May-13	03	20	Farmer
		Precautionary measures to control the sucking pest & Para wilt in BT Cotton.	June-13	03	20	Farmer
4.	Animal Science	Importance of vaccination in Livestock management	May-13	03	20	Farm women
5.	Home Science	Alternate source of energy solar cooker , Bio-gas and smokeless chulha	April-13	03	20	Farm women
		Preparation and preservation of mango products	May-13	03	20	Farm women
		Tailoring course in women and children garments	June-13	15	15	Rural youth

Sr. No.	Subject	Title of Training	Date	Duration	No.of Participants	Type of participants
II- QUARTER						
1.	Crop Production	Scientific cultivation of Castor	July-13	03	20	Farmer
		Irrigation scheduling in Kharif crops	Aug.-13	03	20	Farmer
		Importance of soil and water analysis in crop production	Sep.-13	03	20	Farmer
2.	Horticulture	Nursery raising of chilli crops	July-13	03	15	Farmer
		Scientific cultivation of tomato	Aug.-13	03	20	Farmer
		Protective cultivation of capsicum green	Sept.-13	03	20	Farmer
3.	Plant Protection	Precautionary measures to control the pest & diseases in Castor	July-13	03	20	Farmer
		Control measures of pest & diseases of vegetables	Aug.13	03	20	Farmer
		Plant protection measures of pest & diseases of citrus	Sept.-13	03	20	Farmer
4.	Animal Science	Importance of green and dry fodder and mineral mixture for milch animal	July-13	03	20	Farm woman
		Importance of colostrums feeding in calf raising	Aug.-13	03	20	Farm women
5.	Home Science	Importance and techniques of kitchen gardening	July-13	03	20	Farm women
		Awareness regarding kitchen appliances (Juicer, Blender, Chilli and Onion cutter etc.)	Aug.-13	03	20	Farm women
		Value addition in soya products	Sept.-13	03	20	Farm women

Sr. No.	Subject	Title of Training	Date	Duration	No.of Participants	Type of participants
III- QUARTER						
1.	Crop Production	Advances in chickpea production technology	Oct.-13	03	20	Farmer
		Scientific cultivation of Tobacco	Nov.-13	03	20	Farmer
2.	Horticulture	Plant Propagation tech. in fruit crops	Dec.-13	05	15	Rural Youth
3.	Plant Protection	Plant protection measures of insect pest in Mustard	Oct.-13	03	20	Farmer
		Precautionary measures to control the termite in wheat	Nov.-13	03	20	Farmer
		Identification of lady bird beetle & their role to control the aphids in mustard & Lucerne	Dec.-13	03	20	Farmer
4.	Animal Science	Importance of vaccination in livestock management	Dec.-12	03	20	Farm women
5.	Home Science	Preparation of decorative items from waste materials	Oct.-13	03	20	Farm women
		Income generation activities for empowerment of rural women	Nov.-13	03	20	Farm women
		Preparation and preservation of Aonla products	Dec.-13	03	15	Farm women

Sr. No.	Subject	Title of Training	Date	Duration	No. of Participants	Type of participants
IV- QUARTER						
1.	Crop Production	Efficient use of water for higher Rabi crop production	Jan.-14	03	20	Farmer
		Scientific cultivation of summer bajra	Feb.-14	03	20	Farmer
		Vermi compost production	March-14	07	15	Rural youth
2.	Horticulture	-	-	-	-	-
3.	Plant Protection	Importance & method of preparation & application of Bordeaux mixture & Bordeaux paste.	Feb.-14	03	20	Farmer
		Importance & method of seed treatment by pesticides for pest & disease management	Mar.-14	03	20	Farmer
4.	Animal Science	Importance of artificial insemination in live stock	Jan.-14	03	25	Farm women
5.	Home Science	Preparation of value added product from fruits and vegetables.	Jan.-14	02	20	Farm women
		Designing and development of low/minimum cost diet	Feb.-14	03	20	Farm women
		Income generation activities for empowerment of rural women	Mar.-14	03	15	Farm women

1.2. Off Campus Programme :-

Sr. No.	Subject	Title of Training	Date	Duration	No.of Participants	Type of participants
I- QUARTER						
1.	Crop Production	Reclamation of problematic soil	April-13	03	20	Farmer
		Scientific Cultivation of B.T. cotton	May-13	03	20	Farmer
		Importance and efficient use of biofertilizer and organic manure in Kharif crops.	June-13	03	20	Farmer
2.	Horticulture	Scientific cultivation of papaya	April-13	01	20	Farmer
		Micro irrigation systems in orchards of fruits crop	May-13	01	20	Farmer
		Production technologies of guava	June-13	01	20	Farmer
3.	Plant Protection	Plant Protection measures of insect pest in summer vegetables	April-13	01	20	Farmer
		Safely & effective use of pesticide in insect pest management	May-13	01	20	Farmer
		Plant Protection measures of insect pest in pulse crops i,e Green-gram & Black-gram	June-13	01	20	Farmer
4.	Animal Science	Importance of fodder management & mineral mixture for milch animals	June-13	01	20	Farm women
5.	Home Science	Storage of food grains	April-13	01	20	Farm women
		Minimization of nutrient loss while preparation of pulses food	May-13	01	20	Farm women
		Preparation and preservation of mango pickles	June-13	01	20	Farm women

Sr. No.	Subject	Title of Training	Date	Duration	No.of Partici-pants	Type of partici-pants
II- QUARTER						
1.	Crop Production	Integrated weed management in cotton.	July-13	03	20	Farmer
		Importance of organic farming in present scenario.	Aug.-13	03	20	Farmer
		Scientific cultivation of fennel.	Sept.-13	03	20	Farmer
2.	Horticulture	Scientific cultivation of bottle gourd and sponge gourd	July-13	01	20	Farmer
		Scientific cultivation of chilli.	Aug.-13	01	20	Farmer
		Improved package of practices of cauliflower	Sept.-13	01	20	Farmer
3.	Plant Protection	Plant Protection measures of insect pest in chilli & tomato	July-13	01	20	Farmer
		Integrated pest & disease management in Castor	Aug.-13	01	20	Farmer
		Control measures of pest & disease of fennel	Sept.-13	01	20	Farmer
4.	Home Science	Preparation and feeding of poshak in children	July-13	01	20	Farm women
		Storage of food grains	Aug.-13	01	20	Farm women
		House hold food security by kitchen gardening and nutritional gardening	Sept.-13	01	20	Farm women

Sr. No.	Subject	Title of Training	Date	Duration	No.of Participants	Type of participants
III- QUARTER						
1.	Crop Production	Scientific cultivation of mustard	Oct.-13	01	20	Farmer
		Scientific cultivation of Wheat Integrated weed management in wheat	Nov.-13	01	20	Farmer
		Scientific cultivation of mustard	Dec.-13	01	20	Farmer
2.	Horticulture	Production of low income and high value crops like cumin	Oct.-13	01	20	Farmer
		Scientific cultivation of potato	Nov.13	01	20	Farmer
		Scientific cultivation of muskmelon	Dec.13	01	20	Farmer
3.	Plant Protection	Precautionary measures to control the diseases in Potato	Oct.-13	01	20	Farmer
		Control measures of disease in Cumin by bio agent	Nov.-13	01	20	Farmer
		Control measures of sugary disease in fennel	Dec.-13	01	20	Farmer
4.	Animal Science	Importance of vaccination in livestock management	Oct.-12	01	20	Farm women
5.	Home Science	Importance of self help group	Oct.-13	01	20	Farm women
		Dehydration of green leafy vegetable like palak methi	Nov.13	01	20	Farm women
		Balanced diet for pregnant women	Dec.-13	01	20	Farm women

Sr. No.	Subject	Title of Training	Date	Duration	No.of Participants	Type of participants
IV- QUARTER						
1.	Crop Production	Scientific cultivation of Rabi fodder crop , Lucerne and oat	Jan-14	01	20	Farmer
		Role of micronutrient in Crop production specially in reference to Zn and S	Feb.-14	01	20	Farmer
		Scientific cultivation of fodder bajra and sorghum	Mar.-14	01	20	Farmer
		Production and use of organic manure.	Mar.-14	01	20	Farmer
2.	Horticulture	Scientific cultivation of water melon	Jan.-14	01	20	Farmer
		Production technology of okra	Jan.-14	01	20	Farmer
		Advances production technologies of cucumber	Feb.-14	01	20	Farmer
		Nursery raising of papaya	Feb.-14	01	20	Farmer
		Production technologies of cowpea	Mar.14	01	20	Farmer
3.	Plant Protection	Plant Protection measures of potato	Jan.-14	01	20	Farmer
		Plant protection measures of sucking pest in vegetables	Feb-14	01	20	Farmer
		Integrated pest & disease management for field crops	March-14	01	20	Farmer
4.	Animal Science	Importance of fodder management and mineral mixture for milch animals	Feb.-14	01	25	Farm women
5.	Home Science	Designing and development of low/minimum cost diet	Jan.-14	01	20	Farm women
		Designing and development for high nutrient efficiency diet	Feb.-14	01	20	Farm women
		Use of solar cooker	Mar.-14	01	20	Farm women

1.3. Sponsored Training Programme :-

Sr. No.	Title of Training	Month	Duration	No. of participant	Type of participant	Sponsoring Agency
1.	Water use efficiency	May-13	01	25	Farmer & Farm women	IWMP Patan
2.	Production technology of Cumin	Oct.-13	01	25	Farmer & Farm women	IWMP Patan
3.	Fruit & vegetable preservation	April-13	01	25	Farm women	FTC Patan
4.	Fruit & vegetable preservation	Aug.-13	01	25	Farm women	ATMA Patan
5.	Integrated pest & disease management	June-13	01	25	Farmers	FTC
6.	Awareness regarding various scheme of NABARD for agril. Development	Feb.14	01	25	Farmers	NABARD Patan

1.4. In-service Training Programme :-

Subject	Title of Training	Month	Duration (Days)	No,of participant	Type of participant
Agriculture	Awareness regarding latest know how about Agriculture	June-13	02	20	VLW & Ext. Officer
	Training need assessment	Dec.-13	02	20	WDT members
	Safely & effective use of pesticide	Feb-14	01	20	Agro input dealer
Home Science	Formation & management of SHG	May-13	02	20	WDT member
Animalscience	Importance of artificial insemination in live stock production	July-13	01	20	Dairy member

2. DEMONSTRATION

Front Line Demonstration

Title of Demonstration	Objective	Variety	Farming situation	Area (ha.)	No. of farmers	Existing Technology	Specific technology intervention	Critical Inputs	Remarks
I. Kharif									
Cotton	Integrated nutrient management	BT. Cotton	Irrigated	15	30	No use of ZnSO ₄	Application of ZnSO ₄	ZnSO ₄	Kharif
Castor	To introduce wilt and root rot resistant and high yielding variety	GCH-7	Irrigated	15	30	GCH-4 & GCH-2 variety No use of Bio-fertilizer No use of fungicide Not giving ferti. As per recommended dose	Wilt resistant & high yielding variety Use of bio-fertilizer Seed treatment with fungicide Recommended dose of fertilizer	Seed of GCH-7 variety Azatobactor & PSB culture Carbendenzim & Trichoderma Urea, DAP, A.S.	Kharif
Green-gram	To introduce high yielding variety	GM-4	Rainfed	15	30	Local variety K-851 No use of bio-fertilizer	Improved variety Seed treatment with bio-fertilizer	Seed of GM-4 variety Rhizobium culture & PSB culture	Kharif
II. Rabi									
Fennel	To introduce & popularize high yielding variety	GF-12	Irrigated	15	30	Local variety	Improved variety	Seed of GF-12 variety	Rabi
Cumin	To introduce & popularize high yielding & wilt resistance variety	GC-4	Irrigated	15	30	Local variety	Improved variety	Seed of GC-4 variety	Rabi
Wheat	To introduce & popularize high yielding variety	GW-366	Irrigated	15	30	GW-496 variety Local variety	Improved variety	Seed of GW-366 variety	Rabi

Title of Demonstration	Objective	Variety	Farming situation	Area (ha.)	No. of farmers	Existing Technology	Specific technology intervention	Critical Inputs	Remarks
Cauliflower	To introduce high yielding & early variety	Improved variety	Irrigated	2.5	10	Use of local variety	Early improved variety	Seed	Rabi
Cabbage	To introduce high yielding variety	Pusa drumhead	Irrigated	2.5	10	Local	Improved variety	Seed	Rabi
III. Summer									
Bajara	To introduce & popularize high yielding variety	GHB-558	Irrigated	15	30	Nandi-5	Improved variety	Seed	Summer

3. ON FARM TESTING :-

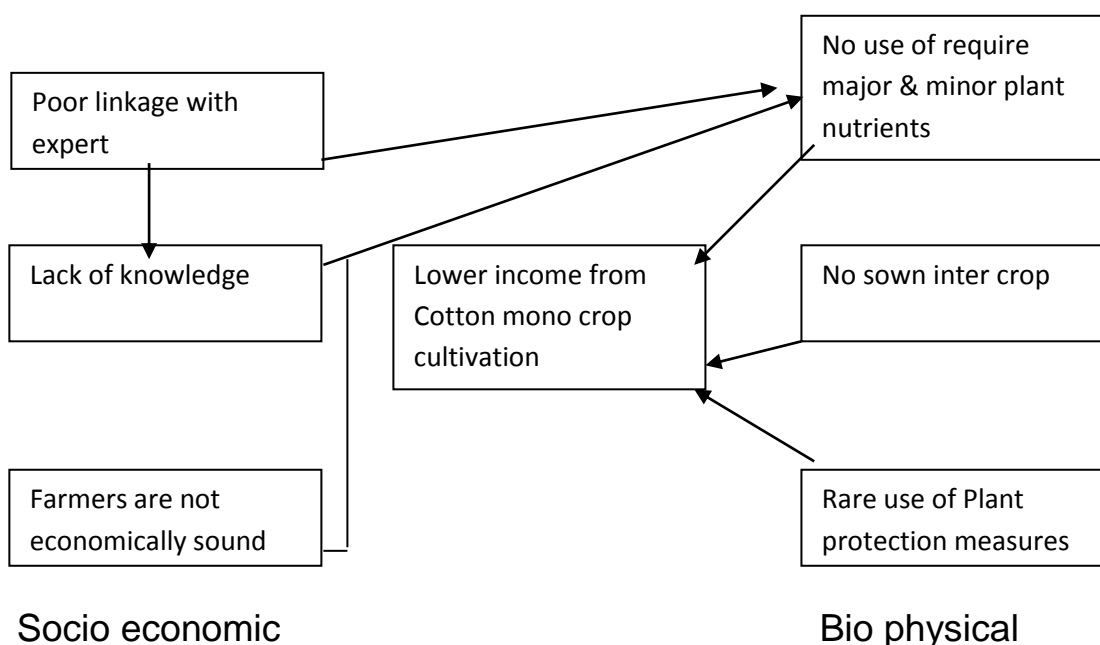
(I) Title : Low income from Cotton Crop

Cotton become a main crop so far as cultivation area of the cash crops of the North Gujarat. As per the crop canopy of the BT. Cotton, sowing distance of the crop is 150cm. between two rows. In the part of this practices inter cropping of Castor in Cotton is possible. Inter crop of Castor give additional income.

Reason :-

- Not sown inter crop in Cotton.
- Rare use of plant protection measures.
- Insufficient use of major & minor plant nutrients
-

PROBLEM CAUSE DIA-GRAM



Intervening point :

Inter cropping of Castor in BT.Cotton for additional income

Treatments :

- T1 : Farmers practices
 - No inter crop
 - Sowing distance 120 x 60 cm.
- T2 : SAU recommendation
 - No inter crop
 - Sowing distance 120 x 45 cms.
- T3: Refined/assessed technology
 - Inter cropping with Castor
 - Sowing distance 150 x 60 cms.

Note : Sowing time : Cotton : 1st fortnight of June

Castor : Last week of August

(II) Title : Low yield of Cumin

Cumin is the main spice crop of the North Gujarat area. Productivity of the crop decrease day by day to the no scope of crop rotation in Cumin growing area.

Reason :-

- Rare use of Plant protection measures
- Incidence of wilt disease
- No crop rotation

Intervening point :

Incidence of wilt disease

Treatments :

- T1 : Farmers practices
 - No seed treatment
- T2 : SAU recommendation
 - Seed treatment with Carbendazim 50wp @ 3g./1 kg seed
- T3: Assessed / refined technology
 Soil application of Trichoderma viridae @ 3kg/ha. & seed treatment by Trichoderma spp @ 20gm./1kg. seed.

(III) Title : Low yield of Cumin (Horti.)

1. **Title** : **Low yield of Cumin**
2. **Problem diagnose/** : **Poor germination of the crop**
Defined
3. **Details of technology selected for assessment / Refinement & source of Technology**

Category	Source of technology	Technology details
T1 : Farmer practices	Farmers	-No seed treatment Use of local variety
T2 : SAU's Recommendation	State Agril. University	Seed treatment by Azospirillum and PSB culture
T3 : Refine technology	KVK	Use of plant humic acid for seed treatment @ 5 ml./ 1kg seed & spraying the crop @ 0.5 ml./1 lit water 30, 45 & 60 DAS

4. **Production system** : **Integrated Farming systems**
5. **Thematic area** : **Integrated disease management**

(IV) Title :- Low yield of Wheat (Crop Production)

Title :- Low yield of wheat

Reason :-

- Lack of knowledge
- Less no. of tillers due to higher plant population.
- Rare use of plant protection measures
- Imbalance use of plant nutrients.

Intervention point : Seed rate**Treatment :-**

T1 = Farmers practices

Use of GW-496 variety, seed rate 160kg/ha

T2 = SAU recommendation

Recommended practices, use of GW-496 variety, seed rate 125 kg/ha.

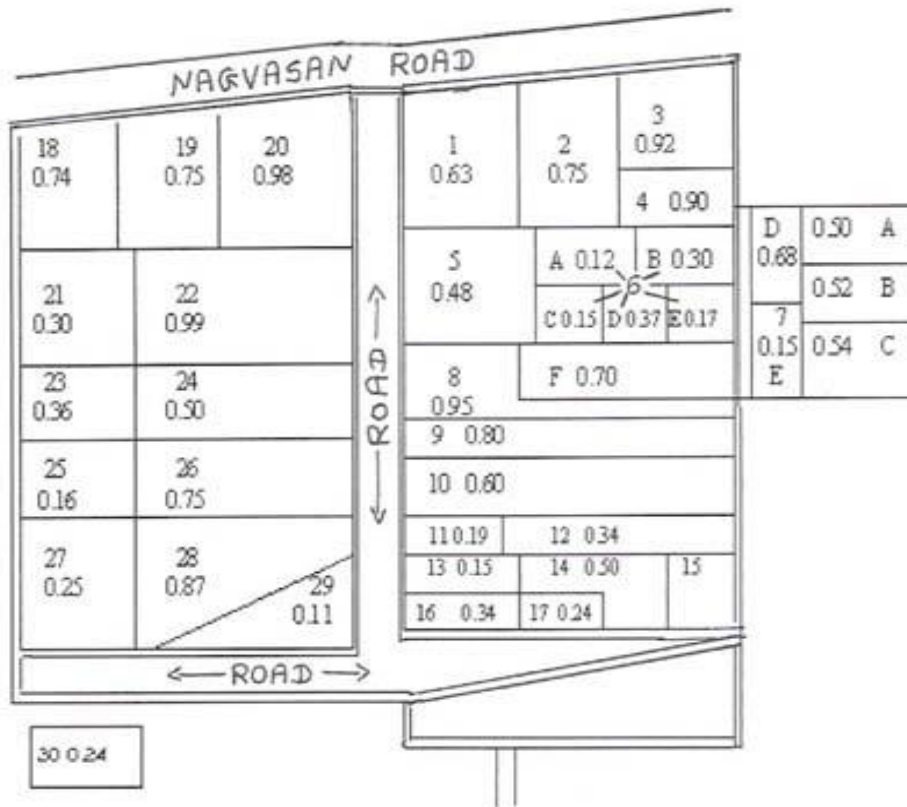
T3 = Refined technology

Recommended practices, use of GW-496 variety, seed rate 140 kg/ha.

4. EXTENSION ACTIVITY :

Sr. No.	Activity	I April-June	II July-Sept	III Oct.-Dec	IV Jan.- Mar.	Total
1.	Field day	01	01	01	05	08
2.	Method demonstration	01	01	01	01	04
3.	Ex-trainee meeting	01	-	-	01	02
4.	Agri. Exhibition	-	-	01	01	02
5.	Self Help Group	-	01	01	-	02
6.	Farm Science club	01	-	01	-	02
7.	Night meeting	-	-	01	-	01
8.	Group meeting	01	01	01	01	04
9.	World food day	-	-	01	-	01
10.	Women in Agri. Day	-	-	01	-	01
11.	Celebration of international women	-	-	-	01	01
12.	Farmer day	-	-	01	-	01
13.	Celebration establishment of ICAR day	-	01	-	-	01
14.	Lectures to be delivered in other programme	02	02	02	02	08
15.	Exposure visit	-	-	-	01	01
16.	Scientist farmer interaction	01	-	-	-	01
17.	Diagnostic service ➤ Farmers visit to KVK ➤ Scientist visit to farmers field	-	-	-	-	-
18	Soil and water sample analysis	50	50	50	50	200
19	Publication ➤ Popular article to be published ➤ Success story ➤ Case study	02 - -	02 01 -	02 - 01	02 - -	08 01 01
20.	Communication media ➤ New paper coverage ➤ Subscription for agril magazine	01 50	01 50	01 50	01 50	04 200
21	Distribution of seed/seedling on cast basis Seed- Wheat Seedling- Lemon Tobacco Fennel Chilli	- - - - -	- 20000 - 150000 200000	1500kg - 150000 - -	- - - - -	1500 20000 150000 150000 200000

5. PROPOSED PLAN OF WORK FOR INSTRUCTIONAL FARM :



Plot No.	Area (ha.)	Proposed crop		
		Kharif	Rabi	Summer
1	0.63	Green-gram	Mustard	Bajara
2	0.73	Guar	Fennel	
3	0.92	Castor	Continue	
4	0.90	Castor	Continue	
5	0.48	Lemon		
6 A	0.12			
B	0.30		Cumin	
C	0.15			
D	0.37			
E	0.17			
F	0.70			
7 A	0.50	Guar		
B	0.52	Guar		
C	0.54	Guar		
D	0.68	Guar		
E	0.15	Guar		
8	0.95	Mango		
9	0.80	Lemon		
10	0.60	Chiku		

Plot No.	Area (ha.)	Proposed crop		
		Kharif	Rabi	Summer
11	0.18	Lemon		
12	0.34	Lemon		
13	0.15	Lemon		
14	0.50	Lemon		
15	0.29	Lemon		
16	0.34	Tobacco seedling	Wheat	
17	0.24	Lemon		
18	0.74		Mustard	
19	0.75	Cotton		
20	0.98	Cotton		
21	0.30		Tobacco	Bajara
22	0.99	Cotton		
23	0.36			
24	0.50		Tobacco	Bajara
25	0.15	Guava		
26	0.75	Mango		
27	0.25	Mango		
28	0.87		Wheat	
29	0.11			
30	0.24		Wheat	

6. INFRASTRUCTURE DEVELOPMENT :

Sr.No.	Particulars	Existing	Proposed during the year 2012-13	Approximate cost
1.	Building 1. Office Building 2. Hostel 3. Residential Quarter	Completed Completed Completed	- - -	- - -
2.	Demonstration Unit 1. Nursery Unit 2. Vermi compost Unit 3. Net House	Completed Completed Completed	- - -	- - -
3.	Farm Development 1. Tube well 2. Threshing yard 3. Fencing 4. Electrification	Completed Completed Completed Completed	- - - -	- - - -
4.	Any other 1. Tractor	-	Proposed for New Tractor	5.0 lakhs

