

ACTION PLAN

(April-2017 to March-2018)

OF

**KRISHI VIGYAN KENDRA
JUNAGADH AGRICULTURAL UNIVERSITY
GORKHIJADIYA-MORBI**



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Action plan (April – 2017 to March– 2018)

It is proposed to organize the following batches of training programmes for farmers, farm women, rural youth and extension functionaries during April 2017 to March 2018

A. Training Programmes :

1. On Campus training (For practicing farmers, farm women and rural youth):

Subject	Title of Training	Duration Days	No.of Parti.	Type of Parti.	Month
1	2	3	4	5	
Crop Production	- Scope and importance of organic farming	4	25	Farmers & Farm Women	April
	-Improved cultivation practices for wheat & Gram	4	25	Farmers & Farm Women	November
Plant Protection	- Integrated insect pests & disease management in cotton	4	25	Farmers & Farm Women	May
	- Integrated insect pests & disease management in cumin and gram.	4	25	Farmers & Farm Women	October
Horti.	- Improve cultivation practice pomegranate and lemon.	4	25	Farmers & Farm Women	May
Agril. Engg.	- Operation and maintenance of micro irrigation system	4	25	Farmers & Farm Women	November
Home Science	- Drudgery reducing devices for farm women in household and Agri. activities	4	25	Farm Women	May
	Total	7			

2. Off Campus training (For practicing farmers, farm women and rural youth)

Subject	Title of Training	Duration Days	No.of parti.	Type of Parti.	Month
1	2	3	4	5	
Crop Production	-Crop Production technology in kharif pulses	3	25	Farmers	May
	- Importance & use of bio fertilizers in gram	3	25	Farmers	October
Plant Protection	- Management of pinkboll worm in cotton	3	25	Farmers	April
	- pest & disease management in groundnut	3	25	Farmers	June
	- Store grain pest management	3	25	Farmers	January
Animal Science	- Hemorrhagic Septicemia and its control	3	25	Farmers	June
Agril. Engg.	- Post harvest technology of different field crops	3	25	Farmers	July
Home Science	- Household food security by kitchen gardening	3	25	Farm women	may
	Total	8			

3. Vocational Training: Nil

4. Extension Functionaries Training:

Sr. No.	Title of Training	Dura. Days	No. of parti.	Type of Parti.
1.	- Pre-seasonal training on Rabi crops	1	25	Ext Workers
2.	- Integrated pests management in <i>Kharif</i> crops	1	25	Extension Functionaries of Agriculture Department

5. Sponsored/ Collaborative Training with Other Organizations:

Sr. No.	Title of Training	Dura. Days	No. of parti.	Type of Parti.	Sponsoring Agency
1.	– Scientific Dairy management	1	25	Farmers	ATMA-Rajkot
2.	– Intigrated pest management in vegetable crops	1	25	Farmers	ATMA-Rajkot
3.	– Irrigation management in Rabi crop.	1	25	Farmers	FTC-Rajkot

Training Programme : Quarter wise Summary :

Sr. No.	Subject	On campus	Off Campus	G.T.
1.	Crop production	2	2	4
2.	Pl. Protection	2	3	5
3.	Animal Science	1	1	2
4.	Agril. Engineering	1	1	2
5	Home science	1	1	2
	Total	7	8	15
1.	In service training	2	-	2
2.	Sponsored Training	3	-	3
3.	Vocation training	-	-	-
	Grand Total	12	8	20

B. Front Line Demonstrations (Proposed)

Sl. No.	Crop	Variety	Thematic area	Technology for demonstration	Critical inputs	Season and year	Area (ha)	No. of farmers / demon.	Parameters identified
1	Groundnut	GG-20	ICM	IDM	Trichoderma 2 Kg/Farmer	Kharif-2017	4.0	10	No. of damaged plants, Yield, B:C ratio, Farmers perception
2	Chickpea	GJG-3/ GJG-5	NRM	Variety (GJG-3)	Seed of GJG-3 (25 Kg/Farmer)	Rabi-2017-18	2.0	5	No. of pods/Plants Yield, B:C ratio, Farmers perception
3	Cotton	Bt. Cotton	ICM	IPM	Pheromonetrap 15/acer	Kharif-2017	4.0	10	Infested boll with pink boll worm/plant, Yield, B:C ratio, Farmers perception
4	Cumin	GC-4	ICM	IPM	Seed of GC-4 (6 Kg/Farmer) and Trichoderma 2Kg/Farmer	Rabi-2017-18	4.0	10	No. of infected plants, Yield, B:C ratio, Farmers perception
					Total		14.0	35	

C. ON FARM TESTING (OFTs)

OFT-1

High Density plantation in cotton	
Problem	: long duration and sowing with wider spacing cotton crop
Causes	: <ul style="list-style-type: none"> • Less no. of plants per hectare • Growing with wider spacing • Lack of knowledge about improved package of practices
Objective	: To increase yield
Thematic area	: ICM
Source of technology	: GAU, Junagadh
Treatments	: Farmer practices: (150 to 180 cm x 30 to 60 cm)
	: Recommended practices (120 cm x 45 cm).
Number of replications	: 2(Farmers)
Experimental plot size	: 1 Acre
Observation	: Number of primary & secondary branches, No. of boll per plant, Plant height and yield per hectare, farmer's reflection

OFT-2

Management of White grub in Groundnut.	
Problem	: Heavy white grub incidence in groundnut.
Causes	: <ul style="list-style-type: none"> •Lack of knowledge regarding life cycle of white grub. •Lack of awareness seed treatment. •Farmers are using row compost or manure.
Objective	: To minimize the infestation of white grub in Groundnut.
Thematic area	: IPM
Source of technology	: GAU, Junagadh
Treatments	: Sowing of groundnut without Seed treatment. Farmers adopt drenching of Chlorpyrifos or quinalphos @ 6 lit/ha with irrigation at initiation of pest incidence. (Farmers practice)
	: Seed treatment with chlorpyrifos or quinalphos @ 25 ml/kg seed.(GAU Reco.)
Number of replications	: 2 (Farmers)
Experimental plot size	: 1 Acre
Observation	: Yield of pod ,No of infested plants, B:C ratio and farmer's reflection

OFT- 3

Use of <i>Trichoderma</i> for wilt disease management in cumin	
Problem	: Heavy infection wilt disease in cumin
Causes	: <ul style="list-style-type: none">• No crop rotation• Lack of knowledge about wilt management in cumin.• No use of organic/compost in cumin
Objective	: Application of biological control agent <i>Trichoderma</i> for managing the disease problem in cumin.
Thematic area	: Disease Management
Source of technology	: JAU, Junagadh
Treatments	: No use of trichoderma at the time of sowing.. (Farmers practices.)
	: Application of <i>Trichoderma</i> @ 5 kg /ha with organic manure @1000 kg / ha at the time of sowing.. (Recommended practices.)
Number of replications	: 2 (Farmers)
Experimental plot size	: 1 Acre
Observation	: Infected plant Per Cent within 1x1 m ² quadrate from each plot at 45 days after germination, Yield, B:C ratio and farmer's reflection

D. Extension Activities:

Sr. No.	Activity	Proposed No.
1	Kisan Mela	1
2	Field Day	3
3	Kisan Ghosthi	4
4	Radio Talk	As and when require
5	TV Show	As and when require
6	Film Show	-
7	Animal Health Camp	-
8	Improved implements demonstration	-
9	Khedut shibir	5
10	Kisan mahila meeting	1
11	News paper Coverage	As and when require
12	Popular Articles	5
13	Extension Literature	5
14	Advisory Service	As and when require
15	Ex-Trainee Sammelan	-
16	Seminar	-
17	Pashu Mela	-
18	Exhibition	1
19	Night meeting	2