ACTION PLAN

(APRIL – 2018 TO MARCH – 2019)

KVK-MORBI

Action plan

(April – 2018 to March – 2019)

A. **Training Programmes *:***

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

Subject	Title of Training	Duration Days	No.of Parti.	Type of Parti.
1	*2*	*3*	*4*	*5*
Quarter : I (1st April to 30thJune, 2018)				
Crop Production	– Improved cultivation practices for *summer* sesame & pulses.	2	25	Farmers
Plant Protection	– Seed treatment for pest management	2	25	Farmers
Horticulture	– Household food security by kitchen gardening	2	25	Farmers/Farm Women
Home Science	– Malnutrition problems and solutions	2	25	Farm women
Quarter : II (1st July to 30th Sept., 2018)				
Plant Protection	– Integrated insect pests management in groundnut and Cotton	2	25	Farmers
Agril. Engg.	– Importance of secondary agriculture	2	25	Farmers
Home Science	– Information of Income generating activity – Food & Agriculture	2	25	Farm women
Quarter : III (1st Octo. to 31thDecember, 2018)				
Crop Production	– Importance and criteria for organic farming	2	25	Farmers
Plant Protection	– Pest & Disease management in *rabi* crops	2	25	Farmers
Home Science	– Home level processing of chili sauce	1	25	Farm women
Quarter : IV (1st January to 31th March., 2019)				
Plant Protection	– Role of predator and parasite in pest management.	2	25	Farmers
Horticulture	– Benefits of Organic Vegetables Gardening	2	25	Farmers/Farm Women
Home Science	– Iron deficiency and solution	2	25	Farm women

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

Subject	Title of Training	Duration Days	No.of parti.	Type of Parti.
Quarter : I (1st April to 30thJune, 2018)				
Crop Production	– Importance of soil analysis and method of soil sampling Importance of crop residue and their recycling.	2	25	Farmers
Plant Protection	– Store grain pest management and precautions.	2	25	Farmers
Agril. Engg.	– Opération and maintenance of micro irrigation system	2	25	Farmers
Home Science	– Income generating through Flower Making	2	25	FW
Quarter : II (1st July to 30th Sept., 2018)				
Crop Production	– Nutrient management in *summer* crops.	2	25	Farmers
Pl. Protection	– Management of insect pest & disease in *kharif* crops.	2	25	Farmers
Home Science	– Home level processing *of* tomato sauce	1	25	Farm Women
Horticulture	– Improve cultivation practice pomegranate and lemon	1	25	Farmers/Farm Women
Quarter : III (1st Octo. to 31thDecember, 2018)				
Crop Production	– INM in Rabi crops	2	25	Farmers
Plant Protection	– IPM in Pomogranate and lemon	2	25	Farmers
Horticulture	– Production technology of *rabi* vegetables	2	25	Farmers/Farm Women
Home Science	– Meal Plans for a women performing hard physical work.	2	25	Farm women
Quarter : IV (1st January to 31th March., 2019)				
Plant Protection	– Safe and judicious use of pesticide	2	25	Farmers
Crop Production	– Importance and use of biofertilizer	2	25	Farmers/Farm Women
Home Science	– Skill Development Training- Candle making	1	25	Farm women

3. Vocational Training: Nil

4. Extension Functionaries Training:

Sr. No.	Title of Training	Dura. Days	No. of parti.	Type of Parti.
1	- Interated pest management in *Kharif* crops	1	25	Extension Functionaries of Morbi Districts (Gram sevak & Agri.assistant)

5. Sponsored/ Collaborative Training with Other Organizations:

Sr. No	Title of Training	Dura. Days	No. of parti.	Type of Parti.	Sponsoring Agency
1	– Integrated pest management in vegetable crops	1	25	Farmers	ATMA-Morbi
2.	- Irrigation management in *Rabi* crop.	1	25	Farmers	FTC-Morbi

A. Training Programme : Summary of both quarter

Sr. No.	Subject	On campus	Off Campus	G.T.
1.	Crop production	2	4	6
2.	Pl. Protection	4	4	8
3.	Animal Science	-	-	-
4.	Agril. Engineering	1	1	2
5	Home science	4	4	8
6.	Horticultue	2	2	4
	Total	**13**	**15**	**28**
1.	In service training	1	-	1
2.	Sponsored Training	2	-	2
3.	Vocation training	-	-	-
	Grand Total	**16**	**15**	**31**

B. Front Line Demonstrations (Proposed)

Sr. No.	Crop	Thematic	Objective	Season and year	Area (ha)	No. Of Farmers/ Demonstration
1	Groundnut	CI	New variety of groundnut GJG-22	*Kharif*-2018	4	10
2	Cotton	IPM	Pink ball worm management in cotton	*Kharif*-2018	4	10
3	Cotton	INM	Nutrient management in cotton	*Kharif*-2018	4	10
4	Cumin	IPM	Wilt management	*Rabi*-2018	4	10
5	Gram	CI	New variety of Gram GJG-5	*Rabi*-2018	4	10

C. ON FARM TESTING (OFTs)

OFT- 1

Management Of White Grub In Groundnut.		
Problem	:	Heavy white grub incidence in groundnut.
Causes	:	•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 Chlorpyriphos or quinalphos @ 6 lit/ha with irrigation at initiation of pest incidence. (Farmers practice)
	:	Seed treatment with chlorpyriphos 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- 2

Use Of *Trichoderma* For Management of Wilt Disease In Cumin		
Problem	:	**Heavy infection wilt disease in cumin**
Causes	:	• No crop rotation • Lack of knowledge about wilt management • No use of organic/compost in cumin
Objective	:	Application of biological control agent *Trichoderma* 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 *Trichoderma* @ 5 kg /ha with organic manure @1000 kg / ha at the time of sowing.. (Recommended practices.) and second application after 25 DAS with some rate
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

OFT- 3

Evaluation of low cost high calorie and protein diets made from locally available food material.		
Problem	:	Mal nutrition
Objective	:	1)To Study the effect of low cost high calorie diet on the growth of preschool children 2)To reduce the mal nutrition in children 3)To reduce problem of sickle cell anemia in children
Treatments	:	1)Provided by PHC (Different healthy diets in different areas) 2)Low cost, high calorie diet prepared from locally available food material i. e. Powdered-roasted groundnut, rice, any leafy vegetable, Sugar or jiggery.
Number of replications	:	5 children (3-5 years)
Duration :	:	6 months
Observation	:	Every month (1) Height (2) Body weight (3) Blood test (Hb)

D. Extension Activities:

Sr. No.	Activity	Proposed No.
1	Kisan Mela	1
2	Field Day	2
3	Kisan Ghosthi	7
4	Radio Talk	As and when require
5	TV Show	As and when require
6	Film Show	3
7	Animal Health Camp	-
8	Improved implements demonstration	1
9	Khedut shibir	5
10	Kisan mahila meeting	2
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	1
16	Seminar	1
17	Pashu Mela	-
18	Exhibition	1
19	Night meeting	2
20	Celebration of Technology Week	1
21	Krushi Mahotsav	1
22	Celebration of Mahila Sashaktikaran Day	1

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