

## Specific thrust area

### 1. Agronomy:

- a. Adoption of improved varieties or high yielding varieties in soybean, wheat.
- b. Lack of knowledge about of INM and IPM in crop production.
- c. Indiscriminate watch application in sugarcane.
- d. Seed treatments in soybean groundnut and setting treatments in sugarcane.
- e. Integrated seed management in sugarcane.
- f. Indiscriminate use of fertilizers in Paddy.

### 2. Horticulture:

- a. Nursery management in vegetable crops, onion, tomato, brinjal, cabbages, cabbage cauliflower etc.
- b. High cost of production and low return in onion.
- c. Adoption of improved and highland varieties in tomato, brinjal, and onion.
- d. Indiscriminate use of pesticides in vegetable production viz. cabbage cauliflower etc.
- e. Integrated nutrient management in banana, pomegranate.
- f. Use of high yielding varieties in flowers, tuberose, marigold etc.

### 3. Plant Protection:

- a. Indiscriminate use of pesticides in crop production viz. cabbage, cauliflower, tomato etc.
- b. Integrated pest and disease management in banana.
- c. Use of biopesticides in crop production via. Fruit and vegetables.
- d. Awareness about pest harvest interval and label claim of pesticides.

### 4. Soil Science:

- a. Indiscriminate use of fertilizers in crop production.
- b. Application of fertilizers and manuals as per the soil analysis.
- c. Targeted yield approach in crop production via. Soybean, wheat, sugarcane etc.
- d. In situ decomposition of farm waste.
- e. Use of biofertilizers in production of vegetable crops and fruit crops.
- f. Loss of nitrogenous fertilizers in Paddy due to leaching.
- g. Lack of knowledge regarding to use of fertigation with irrigation systems.

### 5. Agril Extension:

- a. Formation of self help groups at village level.
- b. Awareness about formation of Krishi Vigyan Mandal.
- c. Formation of group farming to minimize the cost of production of crops.