

## 9) FUTURE PROGRAMME:

### A) Research:

1. To find out suitable plant type of cotton variety/hybrid for HDPS.
2. To find out high yielding variety/hybrid of *herbaceum/hirsutum* cotton under rainfed condition.
3. Production of quality seed of cotton varieties/hybrids as per the need of the area.
4. Production of quality seed of other crops viz. sugarcane, soybean, wal, papadi, rice, sunhemp etc. as per the demand of area.
5. Production of quality seed of different stages of niche crops viz. pigeonpea, moongbean, urdbean etc.
6. To study the feasibility of different mulches in field and plantation crops of the region.
7. To study the effect of alternate sources of nutrients like organic manure, crop residue and biofertilizer in mango and banana.
8. To develop proper cropping sequences for various water availability conditions.
9. To work out the interaction between fertilizer and irrigation levels.
10. To develop the soil and water management practices for existing crop and new cropping sequence.
11. To compare sprinkler and drip irrigation methods with surface method on different crops in different soil types of Karjan command area.

### B) Farm Development:

1. Wall around the cotton and NARP farm.
2. Chain link fencing in Uchhab farm.
3. Pump room in Uchhab farm.
4. Street light in all the three farms.
5. Drip irrigation facility in all the three farms.
6. Threshing yard with working shed at NARP farm.
7. Storage room at Uchhab farm.