

9.0 Future Programme:

- (1) Soil of south Gujarat where sugarcane crop is cultivated has become sick due to biotic stresses like diseases - wilt, red rot, whip smut, insect pests like borers specifically root borer, scale, mealy bug, salinity (in command area) and drought. Hence more emphasis should be given to these aspects.**
- (2) A distant hybridization programme should be undertaken to develop clones, and breeding stocks to overcome biotic and abiotic stress conditions.**
- (3) Sugarcane production technology has been developed. Its dissemination to the farmers is badly needed so as to increase the productivity hence a regular training scheme should be sanctioned.**
- (4) Regular seed production chain to fulfil the requirement of healthy and disease free seeds the region.**
- (5) Varietal and seed replacement.**
- (6) Improvement in soil health (Organic content, drainage, useful microbial population).**
- (7) Adoption of recommended ratoon management.**
- (8) Adoption of mechanization in sugarcane cultivation and harvesting.**
- (9) Transfer of production technology to farmers.**