

High Quality Banana Production through Tissue Culture

Background

1. Wide spread of banana bunchy top disease and loss is up to 60%
2. Spread of banana fusarium wilt with planting material (suckers)
3. Unavailability of high yielding varieties.
4. Unavailability disease free plants

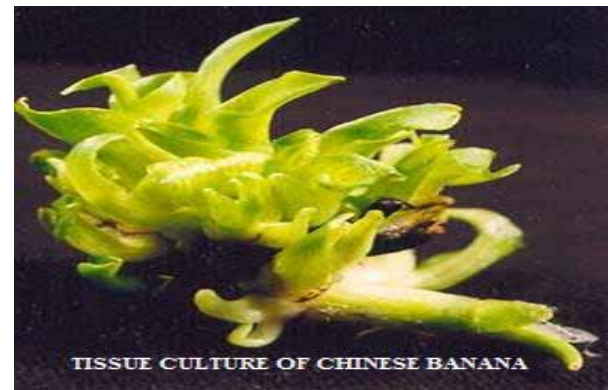


Why Banana Tissue Culture?

- Disease free planting material
- Mass scale production
- True to type plants production
- Round the year production
- Uniformity

Issues/Challenges

- Lack of tissue culture lab facilities
- Lack of trained manpower
- Existing lab production capacity is low at NARC.
- Acclimatization facility is low at NARC.
- Farmers awareness



Implementation Strategy

- Enhancement in production capacity of tissue culture labs NARC and Thatta.
- Enhancement of acclimatization facility.
- Existing facility will be up-scaled from 20,000 plants to 100,000 plants.

Training of youth (100) both genders for:

- Handling/establishment of tissue culture raised plants
- Establishment of tissue culture labs
- Continuous surveillance of spread of banana diseases in the field, their identification and management practices
- Provision of 20,000 plants of high yielding banana cultivars

Benefits

- Production of disease free banana plants 20,000.
- Trained manpower (100) in the field of banana tissue culture.
- Tissue culture facility at NARC & Thatta will be up scaled.

