

# SSI Plans by TNAU and Tamil Nadu Govt.



**Dr.B.J.Pandian**  
**WTC, TNAU**



# Research

## Standardization of SSI technologies

- Nursery medium
- Optimum plant population/crop geometry
- Management practices
- Evaluation of intercrop
- Ratoon management

# Extension

- **Interactive meeting with stake holders**
- **Preparing pamphlets / boards**
- **Awareness creation through mass media**
- **Training to the stake holders**
- **Exposure visits**

# Upscaling of SSI

- **Large scale demonstration of SSI in farmers' field**
- **Entrepreneurship development for growing seedlings**
- **Organizing Field days / Tilling mela / Harvest days**

## **Tamil Nadu Govt. Policy**

- **SSI to be adopted in 10,000 ha of area in 2011-12  
(Co-operative sugar mills area 4000 ha & private  
sugar mills area 6000 ha)**
- **SSI to be promoted in 1.0 lakh ha in 12<sup>th</sup> five  
year plan**

## Expected outcome of the Sustainable Sugarcane Initiative

| <b>From farmers point of view</b>   | <b>From factory point of view</b>   | <b>From Government point of view</b>  |
|---|---|---|
| <ul style="list-style-type: none"><li>❖ Saving in seed (setts).</li><li>❖ Higher cane yield with net return.</li><li>❖ Bringing additional area under cane.</li><li>❖ More crops in unit area and time.</li><li>❖ Saving on water, labour and electricity.</li><li>❖ Raising cane crop with poor quality water.</li><li>❖ Cultivation cane in marginal and problem soils.</li><li>❖ Timely and need based fertilizer application.</li></ul> | <ul style="list-style-type: none"><li>❖ Higher cane recovery.</li><li>❖ Increase in crushing day.</li><li>❖ Reduction in production cost.</li><li>❖ Potential for co-generation.</li><li>❖ Additional ethanol production.</li></ul> | <ul style="list-style-type: none"><li>❖ Employment generation in rural areas.</li><li>❖ Electricity saved can be used for some other purposes.</li><li>❖ Ground water exploitation can be reduced.</li><li>❖ Higher returns to government through tax collection from sugarcane industries.</li></ul> |

THANK YOU

The image features the words "THANK YOU" in a bold, sans-serif font. The letters are filled with a vibrant rainbow gradient, transitioning from pink on the left to purple on the right. The text is tilted upwards at an angle. Below the letters, a series of parallel white lines create a perspective effect, suggesting a shadow or a surface. The entire graphic is set against a solid, dark blue background.