

#### The principles that govern SSI are:

- 1. Raising nursery using single budded chips.
- 2. Transplanting young seedlings (25-35 days old).
- 3. Maintaining wide spacing (5-9X2 feet) in the main field.
- 4. Providing sufficient moisture and avoiding inundation of water.
- 5. Encouraging organic method of nutrient, plant protection and other intercultural practices.
- 6.Practicing intercropping for effective utilization of land.



#### • Deliverables:

- Promotion of SSI (Sustainable Sugarcane Initiatives) with 50 farmers in 25 acres in four villages.
- Promotion of intercrops in sugarcane i.e, increasing productivity of the land.
- Promotion of water saving techniques

- Yield improvement by 10 tons/ac i.e 250 tons worth Rs.500,000 plus additional income from intercrops.
- Collaboration with ICRISAT and UAS
   Dharwad for participatory action research on SSI
- Creating awareness among 400 farmers on SSI















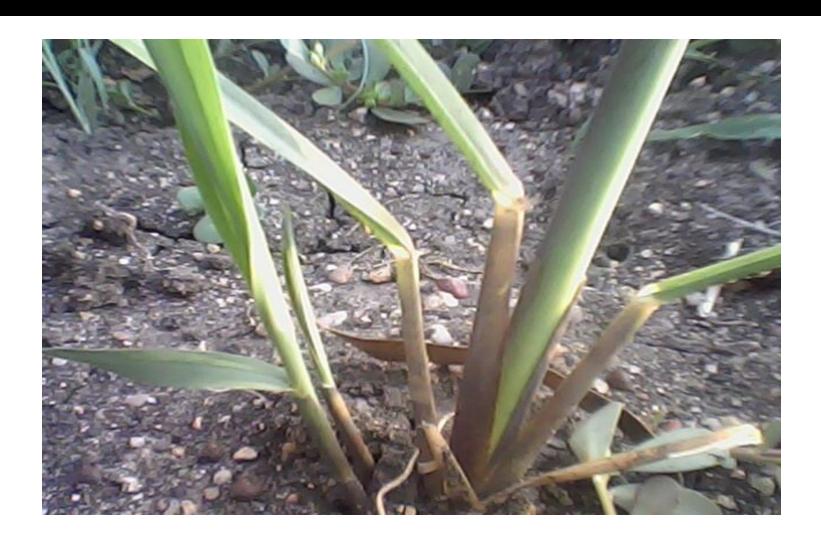




**Sugarcane Bud Nursery** 



**Open area Nursery Maintenance** 





























- Program outcomes
  - SIX VILLAGES
  - SELECTED 26 FARMERS
  - 11 FARMERS INITIATED
  - 10.5 ACRES

The specific activities for this grant are as follows:

#### Activities:

- 1. Training of farmers and training of Para professionals.
- 2. Promotional of sustainable practices in sugarcane cultivation
- 3. Cultivation of Intercrops with in Sugarcane crop,

- Success stories
  - NABARD HAS CALLED FOR SUBMISSION FOR SSI PROJECT BAGALKOT DISTRICT
  - BIDAR ,BIJAPUR ARE NEXT IN LINE FOR PROPOSAL
  - RESOURCE ORGANISATION FOR WALMI FOR SSI PROMOTION

- Major learning
  - BEST FOR SUGARCANE
    - RBBI SEASON PLANTATION
    - MEDIUM & SHORT DURATION VARITIES
    - SHADE IS MUST DURING NURSERY STAGE
    - FARMERS PREFER FOR AT LEAST ONE ACRE PLANTATION
    - AS THE PLANT GROWES WIDER WITH ADDITIONAL TILLERS THE CROP SUSTAINS DELAY IN HARVESTING

- EVERY LEAF OF THE PLANTS TRAPS SUNLIGHT & EFFCETIVE PHOTOSYNTHESIS TAKE PLACE THIS PROCESS INCREASES SUGAR PRODUCTION
- IN 40 GUNTA
  - 1 GUNTA FOR BORDER BUND
  - In remaining 39 gunta
    - @ 5 feet distance 19-20 gunta crop area
    - In this area 50% area cropa 50 open space in form of row to row distance
      - » Like wise-
    - 50% irrogation only
    - 50% weeding only
    - 50% intercultivation



**30th day Sugarcane Saplings** 

- What went well (execution part)
  - AREA SELECTED

• FARMERS TRAINING , DEMONSTARTION & EXPOSURES

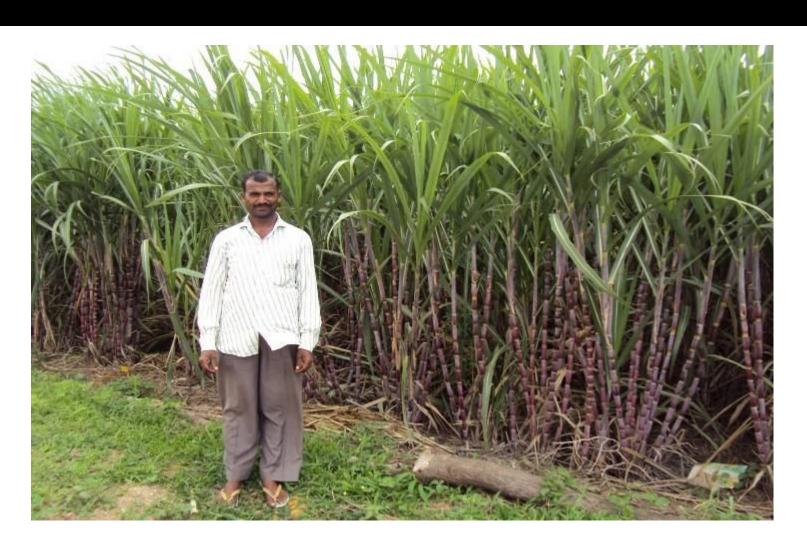
ONE SEASON PLANTATION (OCT- DEC)

- Linkage established
  - WALMI
  - ICRASAT
  - UAS Dharwad
  - Agriculture Department
  - NABARD
  - Organic farmers club
  - Progressive farmers



**Vision Beyond Deliverables** 

- Anything which you feel is important to share
  - PROJECT SANCATION PERIOD –FORM JANUARY/MARCH
  - PROVISION FOR CORRECTIVE MEASURES
  - SUCCESFUL CROP SUSTAION FOR NEXT 3-4 ROTUNS WITH LESSER INVESTMENT





## **Thanks**