

Sustainable Sugarcane Initiatives

DESHPANDE FOUNDATION - OUTREACH

Welcome

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Sustainable Sugarcane Initiatives

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.

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

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- **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**

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Sugarcane Bud Nursery

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Open area Nursery Maintenance

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

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- 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 ,

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- **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**

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

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- 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

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30th day Sugarcane Saplings

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- What went well (execution part)
 - AREA SELECTED
 - FARMERS TRAINING ,DEMONSTARTION & EXPOSURES
 - ONE SEASON PLANTATION (OCT- DEC)

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

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Vision Beyond Deliverables

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- 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

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Thanks