

Technology Profile for Rice Variety TRC – 2005-1

Description of technology

Medium slender fine quality rice variety (130 days in kharif and 140 days in boro)

Area of application

Rice variety for transplanted kharif and boro

Growing season and quality



All season, suitable for shallow lowland. Very good grain quality, fetches premium price in market, seen as substitute for Pyzum

Performance in Tripura

5970 kg/ ha in FLDs conducted during 2009-10. Presently cultivated on more than 10000 ha (estimated), Kharif : 130-135 days Rabi:40-145 days

Equipment required

No specific equipment required. Suitable land and agro-techniques required for seed production.

Space requirement

Minimum 5500 kg seed can be produced from one ha area

Plant set up cost

Seed processing and packaging unit required for marketing of seed.

Raw material and production cost

10 kg foundation seed is required for production of certified seed in one ha area. Production cost of one ha crop will be minimum Rs. 15000/ha.

Risks/opportunities involved in adopting the technology

No risk is anticipated unless extreme weather vagaries.

Cost of available alternate technologies to similar products

Cost of available alternate technological inputs are similar to the proposed technology

Expected cost of technology

Rs. 6/kg of seed including processing and packaging.

Details of benefits of the technology/process developed

Minimum benefit will be Rs. 9 / kg of seed sold. Rs. 49500/ ha seed production.

*** The variety is becoming very popular due to its premium quality**