



Crop Production :: Cereals :: Rice :: Semi Dry Rice with Supplemental Irrigation

Sowing

- Seed rate: 75kg/ha dry seed for any recommended variety.
- Seed hardening with 1% KCl for 16 hours (seed and KCl solution 1:1) and shade dried to bring to storable moisture. This will enable the crop to withstand early moisture stress.
- On the day of sowing, treat the hardened seeds first with *Pseudomonas fluorescens* 10g/kg of seed and then with *Azophos* 1 kg/ha or *Azospirillum* and *Phosphobacteria* @ 1 kg/ha each per ha seed.



Seed Drill Sowing

- Drill sow with 20 cm inter row spacing using seed drill.
- The seeds can also be sown behind the country plough.
- Depth of sowing should be 3 - 5 cm and the top soil can be made compact with leveling board.
- Pre-monsoon sowing is advocated for uniform germination.
- Sowing of seed by multi crop planter (Happy Seeder) under dry condition @ 40 kg/ha .
- Thinning and gap filling should be done at 14 - 21 days after sowing, taking advantage of the immediate rain.

Updated on Jan 2023