

## Nutrient Management :: Rice : Main Field

### Application of Biofertilizers :

- Raise Azolla as a dual crop by inoculating 500 kg/ha 7 to 10 DAT and then incorporate during weeding for the wet season crop.
- Two kg each of biofertilizers viz., Azospirillum, Phosphobacteria (or) Azophos, Silicate solubilizing bacteria (SSB) / Potash bacteria (KRB) with 25kg of FYM and 25kg of sand and broad cast uniformly before transplanting.
- 500 ml each of biofertilizers viz., Azospirillum, Phosphobacteria (or) Azophos, Silicate solubilizing bacteria (SSB) / Potash bacteria (KRB) with 25kg of FYM and 25kg of sand and broad cast uniformly before transplanting.

### Root Dipping :

- Prepare the slurry with Azospirillum, Phosphobacteria and potash release bacteria each 1 kg/ha in 40 lit. of water and dip the root portion of the seedlings for 15-30 minutes in bacterial suspension and transplant.
- Liquid Azospirillum, Phosphobacteria and potash release bacteria each 250ml/ha in 40 lit. of water and dip the root portion of the seedlings for 15 - 30 minutes in bacterial suspension and transplant.



### Root Dipping with Carrier Based Biofertilizers

- **Zinc Deficient Soils:** Along with existing recommended biofertilizers, 2 kg each zinc solubilizing bacterium with 25 kg of FYM and 25 kg of sand and broad cast uniformly before transplanting.
- **Terminal Water Stress:** Foliar spray@ 500 ml/ha of Pink Pigmented Facultative Methylophob at panicle initiation & flag leaf stages) for mitigation of terminal drought.



### Seed Treatment with Liquid Biofertilizers

Updated on Jan 2023