

## Cereals :: Rice :: Aerobic

### Water Management

- Aerobic rice can be rainfed or irrigated. Irrigation can be applied through flash-flooding, furrow irrigation (or raised beds), or sprinklers.
- Unlike flooded rice irrigation when applied is not used to flood the soil but to just bring the soil water content in the root zone up to field capacity.

### Irrigation:

IW/CPE ratio of 1.0 with 3 cm depth of water – total water requirement of 650 mm.

### Surface drip fertigation:

Under aerobic rice conditions, schedule surface drip irrigation (with the lateral distance of 80 cm) at 125 % Open Pan Evaporation (PE) for clay soil / 150 % PE for sandy soil along with fertigation .

### Sub-surface drip biogation:

Under aerobic rice conditions, schedule sub-surface drip fertigation (laterals concealed at 10 cm soil depth at a distance of 80 cm) scheduled at 125 % Open Pan Evaporation (PE) for clay soil / 150 % PE for sandy soil along with fertigation.

