

AGRICULTURE – ALTERNATE WET-DRY METHOD

Alternate wetting and drying (AWD) (IRRI, 2009) is a watersaving and methane mitigation technology that lowland (paddy) rice farmers employ to reduce their water consumption in irrigated fields. It can help over 34,000 farmers through water management.



IMPACT & BENEFITS



Significant reduction of irrigation water consumption compared to traditional practices.



Even under low soil moisture conditions, the drying phase of rhizosphere (AWD Technology) helps root growth and sustainable water transport to rice plants.



Reduction of ground water withdrawal and diesel consumption for water pumps.



Reduction possibility in methane emissions compared to rice produced under continuous flooding.



Estimated Emission Reduction: 1.8 Million tonnes over the course of the project