



## Field Trials provided by Angela Schaffert

### Central trial on crop water use and efficiency in Makutupora

Pre-trial:



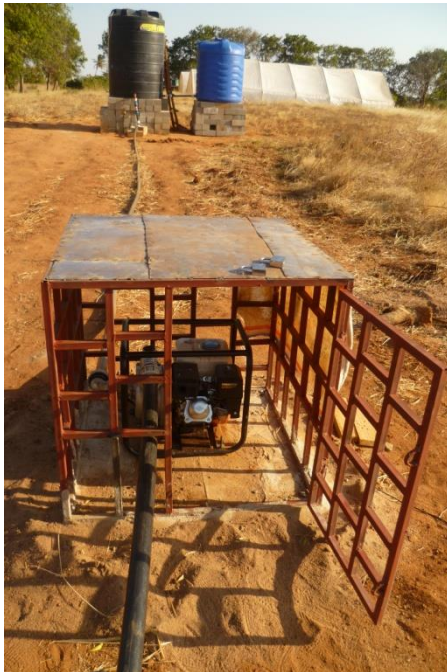
Set-up of irrigation system for the main trial:







Pump:



Tanks:





Water application through drip irrigation:



Installation of soil moisture tubes:





Sunflower, 3 weeks after sowing:



Sunflower: 9 weeks after sowing, effect of different water application rates





Millet, 3 weeks after sowing:



Millet: 9 weeks after sowing, crop water requirements 100% fulfilled





Millet: 9 weeks after sowing, simulation of Morogoro rainy season + drought event



Rice, 3 weeks after sowing:

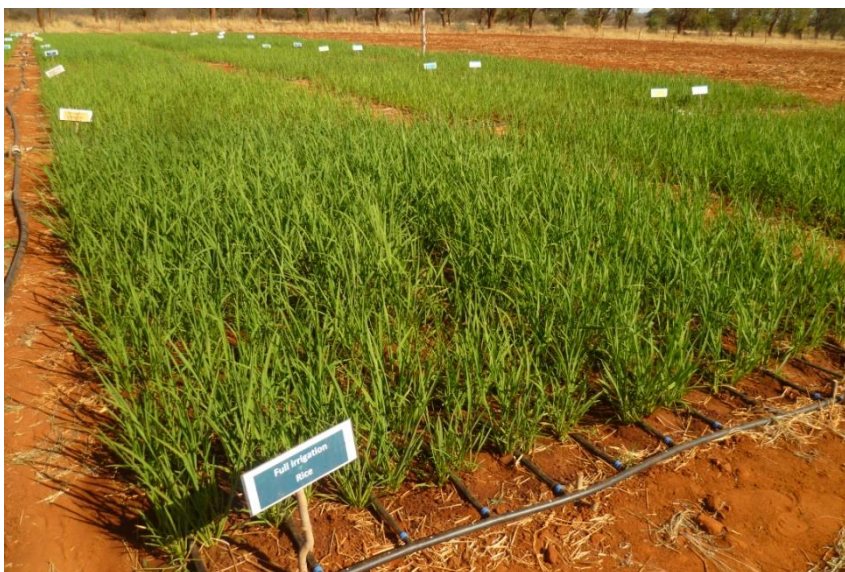




Rice, 9 weeks after sowing:



Rice: 9 weeks after sowing, crop water requirements 100% fulfilled







Rice: 9 weeks after sowing, simulation of Morogoro rainy season + drought event

