

# Squash Water Potential

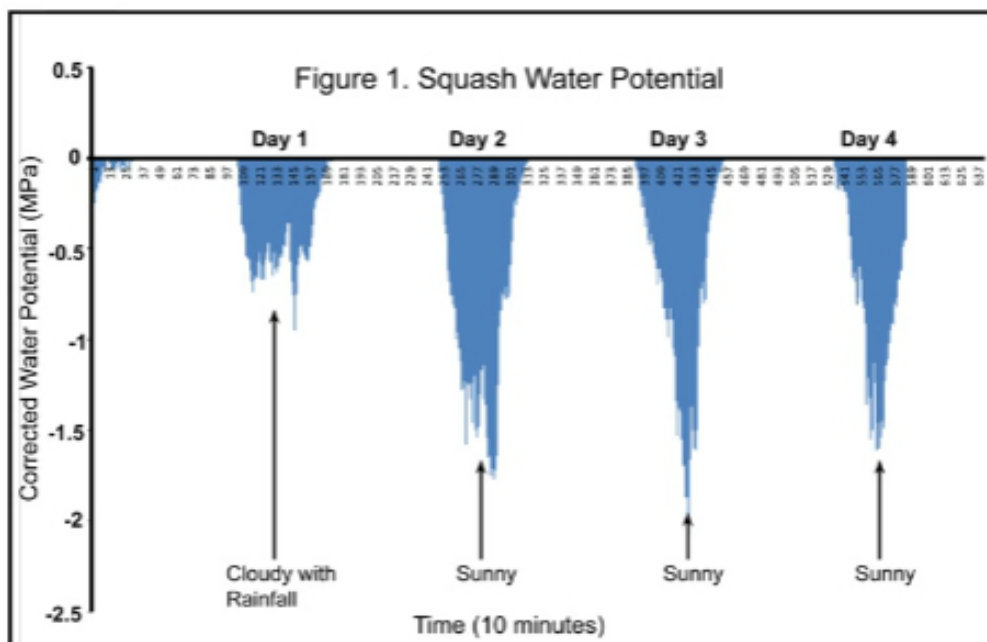
The PSY1 Stem Psychrometer was installed on common garden Squash. This vegetable is widely grown for domestic use in Australia. The xylem water potential was logged every 10 minutes. The initial 4 days of monitoring is shown in Figure 1. Day 1 was cloudy with rainfall. Subsequent days were sunny. The values typically being -1.5 to -1.7MPa on sunny days. The squash are well watered. The squash has a soft stem and further testing in regard to this application is being undertaken.



Preparing the Installation Site



Installation of Stem Psychrometer



Squash Water Potential ( $\Psi_s$ ) - 4 day continuous measurement