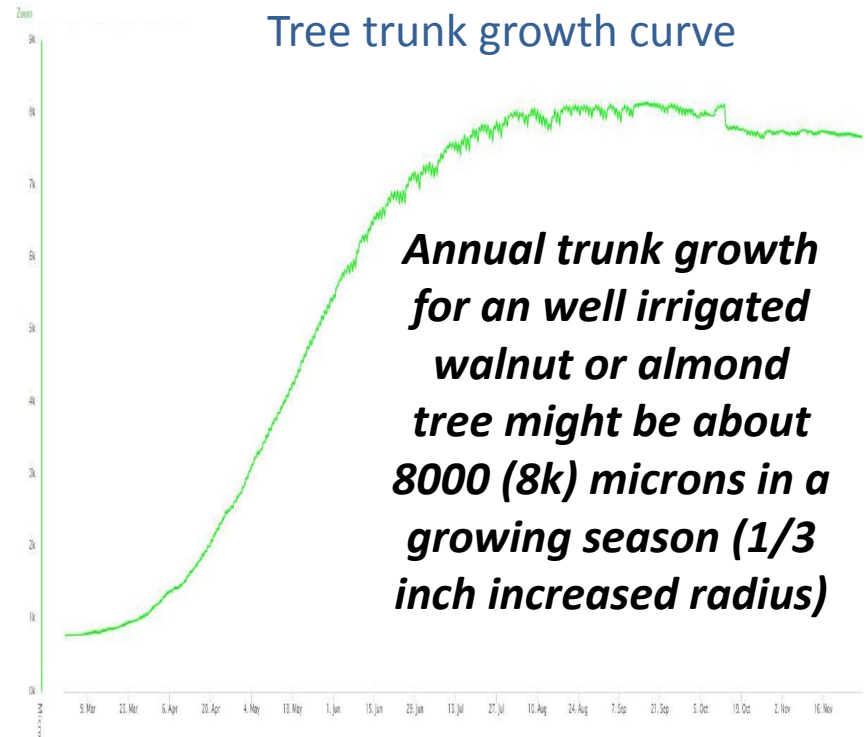


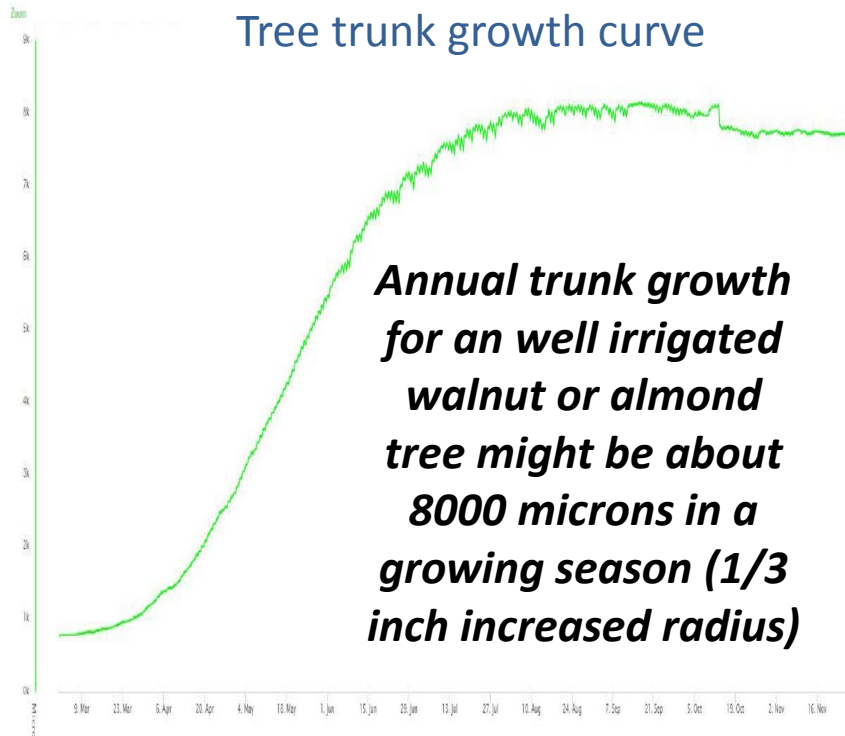
# Using Dendrometers



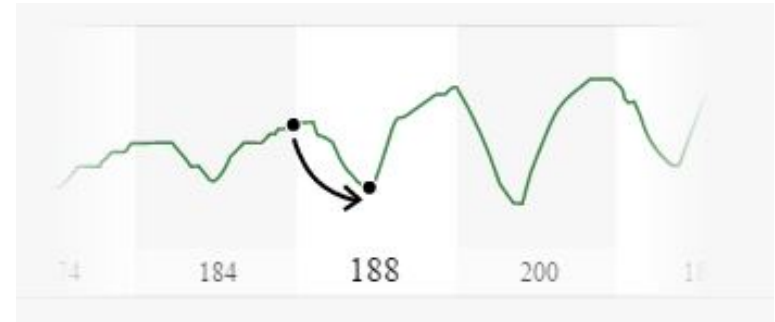
# Dendrometers: An alternative tool



# Dendrometers: An alternative tool

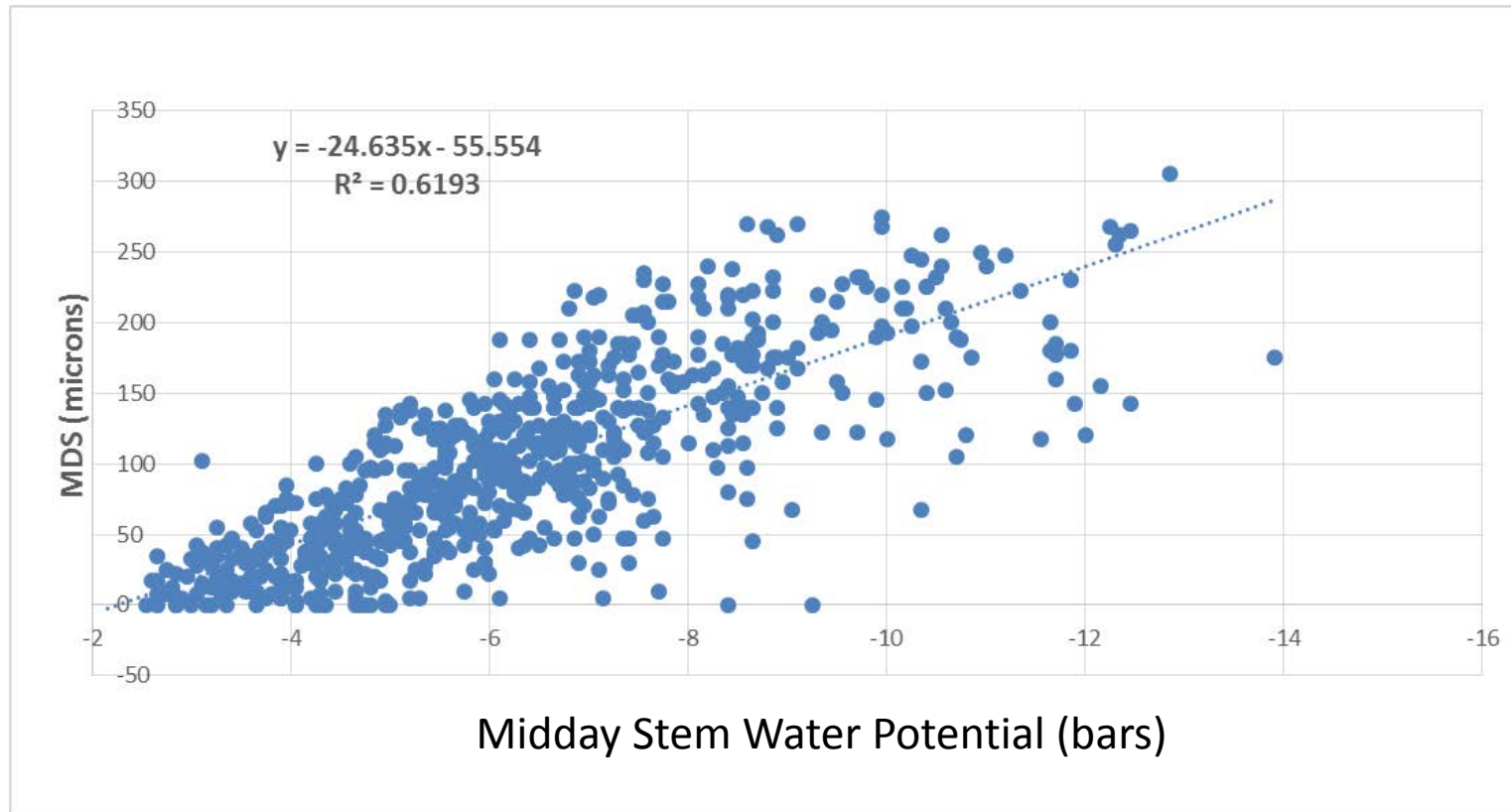


## Maximum Daily Shrinking (MDS)

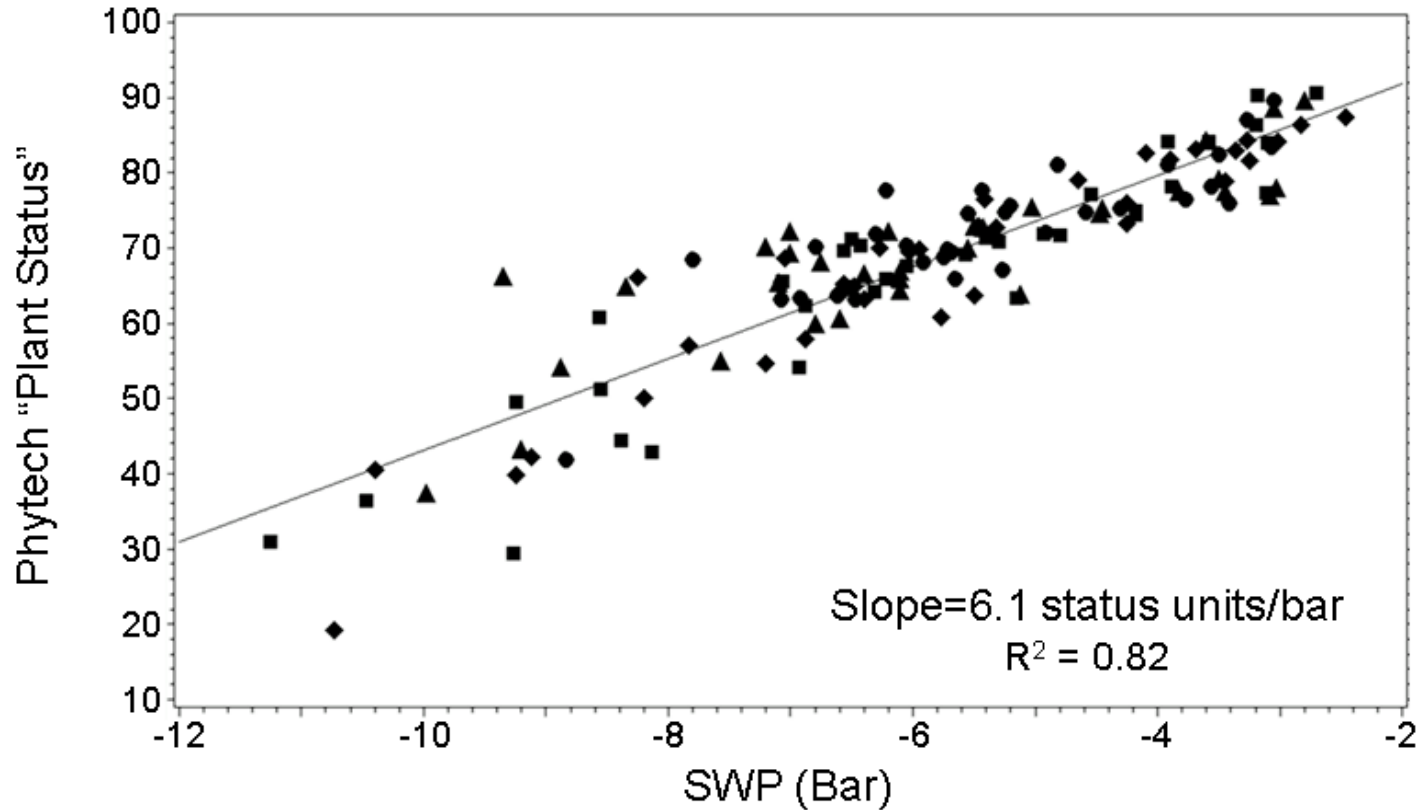


- MDS is the difference between daily maximum and minimum trunk diameter
- Less water in soil or more demand from weather or crop causes the trunk to shrink more each day

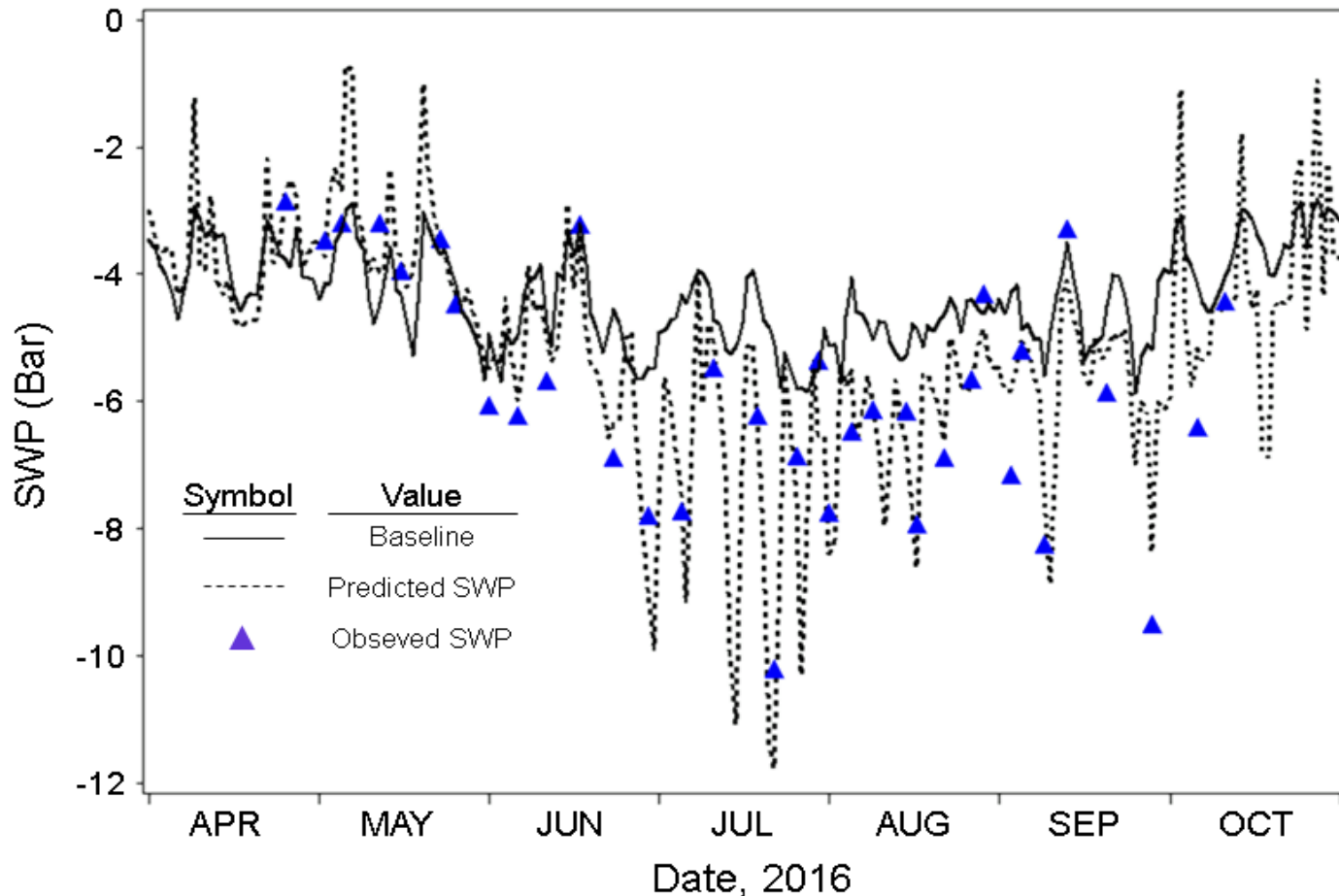
# Correlation between MDS and Midday Stem Water Potential (Pressure Chamber) in Chandler walnut



# Correlation between Phytech's "Plant Status" and Midday Stem Water Potential (Pressure Chamber) in Chandler walnut



Comparison of average directly measured SWP (blue triangles) and predicted SWP from dendrometer (dashed line) in Chandler walnut orchard. Also shown as a reference is the daily walnut baseline value.



☰ RW

REPORT NAME  +

- PLANT (3)
- Plant
  - Plant
  - Plant
  - Project Growth
  - Project MDS
  - Project Plant Status

- SOIL (2)
- Volumetric Soil moisture
  - Volumetric Soil moisture

- CLIMATE (1)
- Water Flow
  - Chill Portions
  - Daily Evapotranspiration
  - Vapor Pressure Deficit
  - Daily Evapotranspiration
  - Total Irradiance

DISCARD SAVE

7d 2w 1m 3m ALL

