

# Sentek SoluSAMPLER™

A Tool for Managing Salt & Nutrient Movement in the Root Zone



# Simple and cost effective device

- EASY TO USE AND INSTALL

SAMPLING CAN BE DONE OVER A WIDE RANGE OF SOIL MOISTURE CONDITIONS

TWO CERAMICS AVAILABLE – HIGH AND LOW FLOW

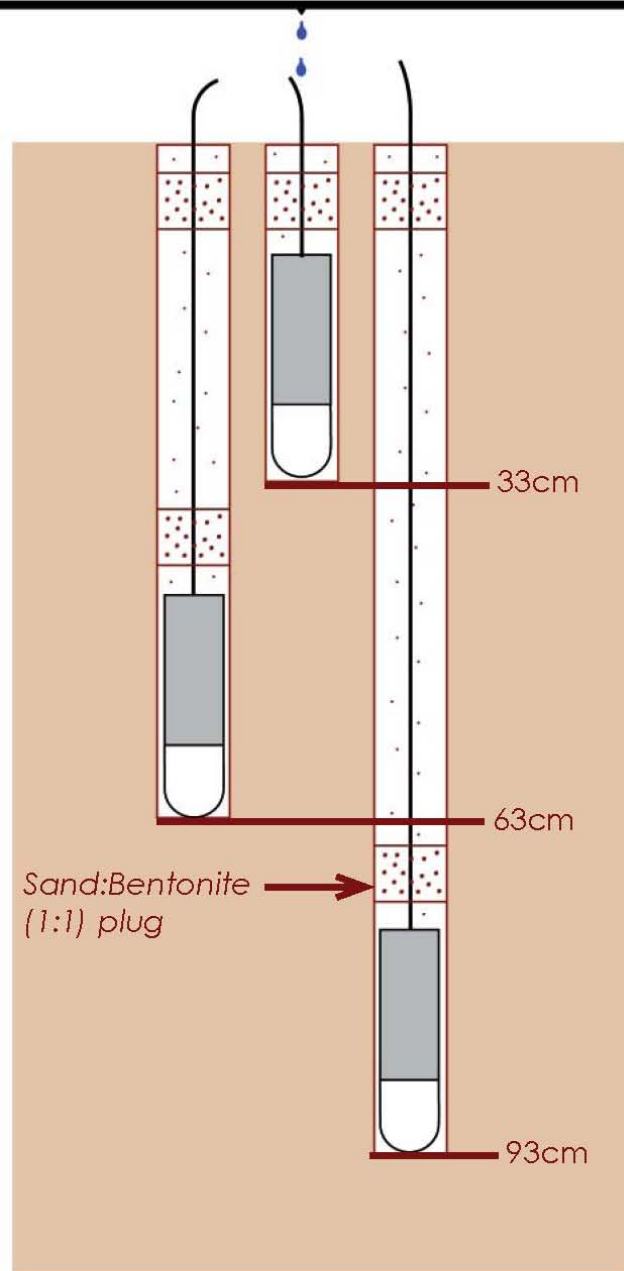


Figure 3. Layout of SWE around a dripper (not to scale)

# SAMPLING



- Vacuum is created using a syringe
- Vacuum is left for at least 4 hours
- Soil water is drawn in through ceramic tip
- Soil Water is stored in device
- Water can then be extracted using a syringe

# HOW CAN IT BE USED?

- ▶ Used to track salt, nutrient levels and soil pH
- ▶ Assists in interpreting TriSCAN salinity trending data
- ▶ Portable electrical conductivity (EC) meter and nitrate strips can be used in field
- ▶ Laboratory analysis



# Example EC Data

