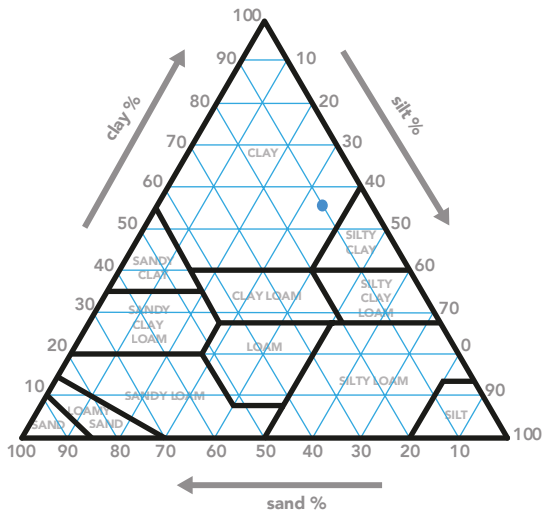


Clay 1 (saline clay)



Composition

Clay - 55% Sand - 10%
 Silt - 35% Organic Matter - 0%
 (Saline clay) (salinity - 5%)



Characteristics

Clay soils have relatively small particles and can thus hold more water than most other soil types. These soils swell during wet conditions and shrink and crack in dry conditions. The structure of clay soils is prone to degradation especially in very wet conditions. They have limited infiltration capability and poor drainage.

Recommendations for thresholds

- Setpoint high: 53%
Field capacity (pF 2) to prevent over irrigation and nutrient and input losses.
- Setpoint low: 34%
Irrigation point (pF 3.3), prevents water stress on the plant.

All percentages are in Volumetric Water Content (VWC). Texture classes are based on USDA soil triangle.

