
SOIL:

- do soil sample determine: ph, structure, texture, nutritional status
- soil is a proportion of sand, silt, and clay.
- perfect soil is loamy soil
- SAND: 70% sand, largest particles, resists compaction, low fertility, drains too quickly
- SILT: medium particle, medium porosity, fertility
- CLAY: 40% clay, smallest particle, holds nutrients and water well, can remain wet too long, low aeration, compacts easily.
- PH of soil -effects plants ability to uptake micronutrients from soil
 - scale of 0 to 14, lower than 7=acidic, 7=neutral, higher than 7 = base(alkaline)
 - 6.5 is considered ideal most plants
 - raise PH with LIME
 - lower PH with elemental SULFUR, but with less success
- PH METER- help determine ph level

