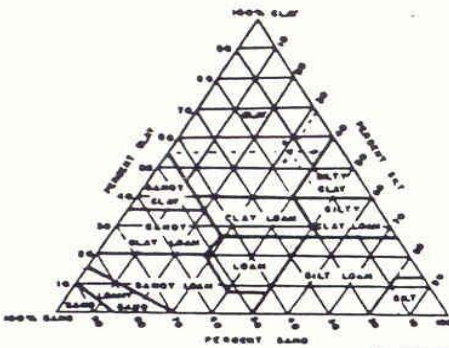


TEXTURE-BY-FEEL ANALYSIS



Start

Place approximately 25 g soil in palm. Add water dropwise and knead the soil to break down all aggregates. Soil is at the proper consistency when plastic and moldable, like moist putty.

Add dry soil to soak up water

Does soil remain in a ball when squeezed?

Is soil too dry?

Is soil too wet?

SAND

Place ball of soil between thumb and forefinger gently pushing the soil with the thumb, squeezing it upward into a ribbon. Form a ribbon of uniform thickness and width. Allow the ribbon to emerge and extend over the forefinger, breaking from its own weight.



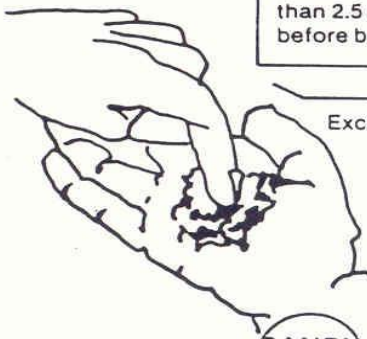
LOAMY SAND

Does soil form a ribbon?

Does soil make a weak ribbon less than 2.5 cm long before breaking?

Does soil make a medium ribbon 2.5-5 cm long before breaking?

Does soil make a strong ribbon 5 cm or longer before breaking?



Excessively wet a small pinch of soil in palm and rub with forefinger

Does soil feel very gritty?

SANDY LOAM

Does soil feel very gritty?

SANDY CLAY LOAM

Does soil feel very gritty?

SANDY CLAY

Does soil feel very smooth?

SILT LOAM

Does soil feel very smooth?

SILTY CLAY LOAM

Does soil feel very smooth?

SILTY CLAY

Neither grittiness nor smoothness predominates

LOAM

Neither grittiness nor smoothness predominates

CLAY LOAM

Neither grittiness nor smoothness predominates

CLAY

Instructional diagram for determining soil texture by feel.