

# SOIL TEXTURE-BY- FEEL TEST

**START**

Put about 2 tablespoons of soil in your palm. Add water a few drops at a time and work it with your other fingers until it breaks down and is moldable like putty.

Add dry soil to soak water

Does soil remain in a ball when squeezed?

Is soil too dry?

Is soil too wet?

**SAND**

Put the soil ball between thumb and forefinger and gently push the soil with your thumb while squeezing it up into a "ribbon". Try to form a ribbon of uniform thickness and width.

Does the soil form a ribbon?

**LOAMY SAND**

Does the soil make a weak ribbon less than 1" before breaking?

Does the soil make a ribbon 1" - 2" long before breaking?

Does the soil make a ribbon more than 2" before breaking?

Place a teaspoon of soil in your palm and add enough water to make a thin paste (like thin paint). Rub the paste with your other forefinger and notice how it feels.

**SANDY LOAM**

Does paste feel very gritty?

**SANDY CLAY LOAM**

Does paste feel very gritty?

**SANDY CLAY**

Does paste feel very gritty?

**SILT LOAM**

Does paste feel very smooth?

**SILTY CLAY LOAM**

Does paste feel very smooth?

**SILTY CLAY**

Does paste feel very smooth?

**LOAM**

Does paste feel in between gritty and smooth?

**CLAY LOAM**

Does paste feel in between gritty and smooth?

**CLAY**

Does paste feel in between gritty and smooth?