**Soil Ribbon Test**

Start

Place a heaping tablespoon of soil in palm. Add water a drop at a time and knead the soil to break down all aggregates. Soil is proper consistency when moldable, like moist putty.

- Yes
- No

Does soil remain in a ball when squeezed?

- Yes
- No

Add dry soil to soak up water.

Does soil make a weak ribbon less than 1 inch long before breaking?

- No
- Yes

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

Does soil form a ribbon?

- Yes
- No

Does soil make a medium ribbon 1-3 inches long before breaking?

- No
- Yes

Does soil make a strong ribbon 2 inches or longer before breaking?

- No
- Yes

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

Does soil feel very gritty?

- Yes
- No

Does soil feel very smooth?

- Yes
- No

Neither grittiness nor smoothness predominates.

Does soil feel very gritty?

- Yes
- No

SAND CLAY

Does soil feel very smooth?

- Yes
- No

Silty Loam

Neither grittiness nor smoothness predominates.

Does soil feel very gritty?

- Yes
- No

Sandy Loam

Sandy Clay Loam

Does soil feel very smooth?

- Yes
- No

Clay Loam

Neither grittiness nor smoothness predominates.

Does soil feel very gritty?

- Yes
- No

Silt Loam

Silty Clay Loam

Does soil feel very smooth?

- Yes
- No

Clay

Neither grittiness nor smoothness predominates.

Clay Loam

Loam