





Making a Ribbon

**MOIST CAST TEST**

Does the soil form a cast? — NO → SAND

YES ↓

Does the soil form a strong cast that allows ready handling?

YES

Does the soil form a weak cast that allows careful handling?

YES

NO → The soil forms a weak cast that does not allow handling and feels grainy

LOAMY SAND

**RIBBON TEST**

← NO — The soil flakes rather than ribbon (floury with graininess)

YES ↓

SILT LOAM

← NO — The soil barely begins to ribbon

YES ↓

LOAM

← NO — Does the soil form a short thick ribbon?

YES ↓

SANDY CLAY LOAM

← NO — Does the soil form a thin ribbon that breaks readily and barely supports its own weight?

YES

← NO — Does the soil form a thin ribbon that holds its own weight?

YES

← NO — Does the soil form a thin ribbon longer than 7.5 cm?

YES ↓

CLAY

← NO — Does the soil flake and feel very floury?

YES ↓

SILT

← NO — The soil barely forms a thick ribbon

YES ↓

SANDY LOAM

**FEEEL TEST**

← NO — The soil feels moderately grainy

YES ↓

CLAY LOAM

← NO — Does the soil feel smooth and floury?

YES ↓

SILTY CLAY LOAM

← NO — Does the soil feel smooth?

YES ↓

SILTY CLAY

← NO — The soil has substantial graininess

YES ↓

SANDY CLAY