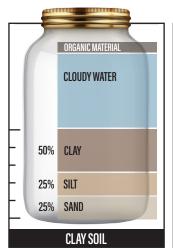
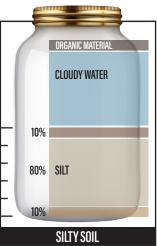
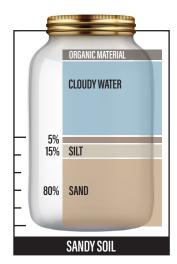
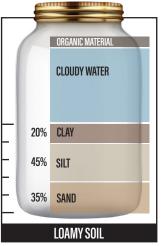
SOIL-TYPING

DETERMINING SOIL TYPE USING THE JAR COMPOSITION TEST









Analyzing the Results

CLAY SOIL: More than 40% clay, less than 40% silt and less than 45% sand

SILTY SOIL: More than 70% silt, less than 10% clay and less than 15% sand

SANDY SOIL: More than 75% sand, less than 15% silt and less than 10% clay.

LOAM SOIL: Anything else—congratulations! You've got loamy soil.



This test will help you determine the mix of sand, silt, clay and organic material in your soil. Once understood, you can add amendments to establish a more favorable balance.

1

Source a smooth-sided jar and fill it half way with garden soil.

2

Fill with water to within about one-half inch of the top. Let the air escape from the soil before putting the lid on.

3

Shake it up vigorously until all clumps are broken up.

1

Wait 5 minutes for the sand will settle out. Mark the jar with a dry erase marker at the top of the sand.

5

Wait a couple of hours for the silt particles to settle out. Mark the jar again.

6

Leave the jar undisturbed for the next 24 hours while the clay settles out. Mark the jar again.



SoilRox™ functions in-soil on two levels:

1) as a micro-sponge to capture and then slow-release moisture and nutrients in the root zone, and

2) as a physical conditioning amendment create elemental

tilth to improve the structure of poor native soils. **www.pumicesoil.com**