

The Glass Jar Soil Test

What you Will Need

- 1: 1 tsp dish detergent
- 2: A magic marker
- 3: 1 cup of soil
- 4: A jar with a lid
- 5: A ruler



This Soil is a Clay Loam

$\% \text{ Clay} = \text{Clay} / \text{Total Dirt}$
 $\% \text{ Silt} = \text{Silt} / \text{Total Dirt}$
 $\% \text{ Sand} = \text{Sand} / \text{Total Dirt}$

Follow these steps 1 2 3 4 5 6

- 1: Add soil to the jar
- 2: Add detergent & fill jar with water
- 3: Replace lid & shake vigorously for 3 min
- 4: After about 1-2 minutes mark sand
- 5: After 1 hour mark silt
- 6: After 24 hours mark clay

How to use the soil triangle

- Trace the line for the % clay
- Trace the line for the % silt
- Trace the line for the % sand

The intersection is your type!

Trace the lines this direction

