

Soil Air



All it takes is a soil clod, a jar of water, and a can of spray polyurethane to demonstrate the amount of air in soils.



Spray clods of soil with spray polyurethane. Allow to dry slightly, a minute or two is enough. Drop the clods gently into a jar of water. Watch the bubbles. Some clods will bubble for 20 minutes or more.



Soil clods from surface soils of orchards, pastures, and lawns generally have a higher air content than subsoils, or soils from conventionally cultivated fields.