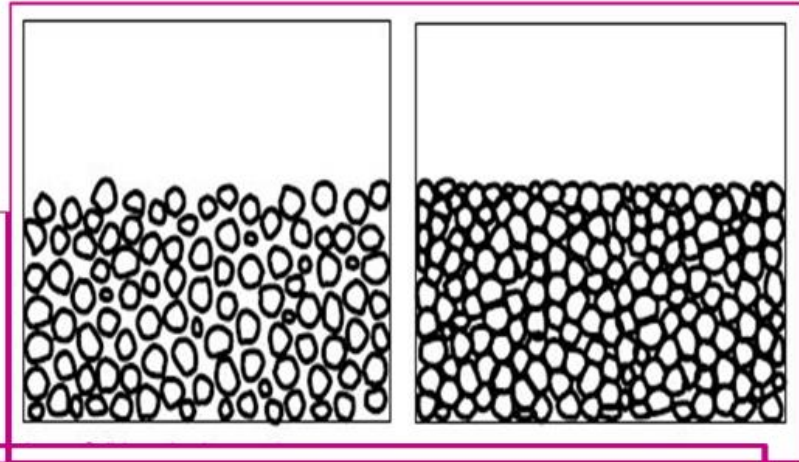


# Soil compaction

Soil compaction in your lawn can happen for a variety of reasons.

Soil type, foot and equipment traffic are the top reasons.



The most common soil type in Western Pennsylvania is clay. Clay soil is **dense and compact** making it very difficult for **water to permeate the surface or drain**. In drought conditions **clay dries out** causing particles in the soil to move closer together **making it even denser**.

Compaction caused by foot or equipment traffic can occur from **weekly mowing in the same pattern, frequent use of a shortcut through the lawn instead of using sidewalks, and hot, dry summers**.

While annual aeration is always recommended, **clay lawns especially benefit from aeration with overseeding**. Openings left by the cores **allow water, air and nutrients** into the dense soil creating an **ideal environment for your lawns root system in turn promoting a healthy, thriving, lawn**.