Welcome to Ground Work

Practi-Cal

12/4/12

AgriEnergy Resources' **Practi-Cal** is impressive stuff. This fall we received a great report: where five gallons/acre of **Practi-Cal** was added to the phosphorus and potassium on a perennial peanut forage crop, nine additional 50# bales were harvested as compared to an adjacent part of the field without the **Practi-Cal**. Plus the treated area grew for two fewer weeks than the non-treated area of the field. And since small square bales of perennial peanut hay sell for $9/bale, the application of **Practi-Cal** was a pretty good investment.

It is also interesting to note that the **Practi-Cal** was applied in the spring and shortly after that the grower commented that his "ground was softer" where the **Practi-Cal** was applied. While mowing his most recent cutting of hay in the same area this fall, the grower noticed that the ground was *still* soft. He even pulled his neighbor off a tractor to see if he too thought it was softer. The neighbor gave an immediate "yes".

This instance is on sandy ground. Those of you who farm sandy soils know just how hard sand can compact, and what a negative impact that compaction has on production. Much more impact than on other soils since, pound-for-pound, sand just doesn't have the nutrition of heavier soils. So anything you do that reduces root growth (like compacting the soil) is extra trouble.

What makes **Practi-Cal** so impressive is “how it works”. **Practi-Cal** starts by delivering a small but crucial flush of soluble calcium and fulvic acid to fluff up dispersed and compacted soil. But newly flocculated, or fluffed, particles are quickly destroyed by heavy rains, traffic and the like unless they are glued together. This is where the other components of **Practi-Cal** come in. The humic acid component, when acted on by beneficial microbes such as those in **SP-1™**, becomes a tough glue that makes freshly aggregated soil very resistant to compaction.

When this process comes together it creates conditions for further improvement and accelerates other natural processes. The perennial peanut grower commented just days ago that he was digging in the **Practi-Cal** section of his field, as well as the untreated section. This fellow, who has a soil science degree from the University of Florida, said on the **Practi-Cal** section there was a tremendous amount of fine fungal growth throughout his root system.

If you have a specific situation on your farm where you want better tilth (such as seedbed preparation) or if you just need to soften your hard ground, look to **Practi-Cal**. When used in tandem with **SP-1™** and **Residuce™** the results are impressive.