



## Welcome to Ground Work

### *Happy Plants Make Big Yields*

3/15/12

**When it comes to growing high yielding corn, there is no better way to get it off to a fast, strong start than to use starter fertilizer and biologicals with the planter.** In fact we have many farmers putting some of their nitrogen (N), along with their phosphorus (P), potassium (K) and micro nutrients through the planter.

**There are a number of reasons for banding starters through the planter.**

- One is efficiency of nutrients. Banded nutrients are right there by the row for quick and easy root access.
- Another is easy placement for micronutrients which are needed in small amounts. In a band with NPK, the micronutrients will be found by the plants rather than tying-up with the soil like they do in broadcast applications.
- Also, banding keeps everything the plant needs easily accessible from germination through the 5-leaf stage, when ear size is determined. (Keeps that plant happy!)
- Another big reason for banding liquids is to have a very soluble, homogenous blend by each plant so the roots can get exactly *what* they

need, *when* they need it.

- And, by adding a microbial package in the starter mix, many have seen much larger root systems and increased plant vigor due to better nutrient uptake.
- Last but not least: (1) ease of handling, (2) fewer spreader trips and (3) generally less total program cost.

**The same is even more important for the organic grower.**

- Organic growers may want to use much higher rates of biologicals in their starters.
- Live microbes can fix more nitrogen and provide the energy needed to get the young plant up and growing.
- Getting the young plants a head-start on the weeds means better season-long weed control.

That is why an AgriEnergy Resources starter program aligns with the International Plant Nutrition Institute's 4R Program:

- Right source
- Right rate
- Right time
- Right place

In order to meet the needs of each individual farm, AgriEnergy Resources offers a variety of starter fertilizers.

**Starter fertilizers for non-organic farmers include:**

- 4-21-4
- Starter Blend 5-13-4
- 3-18-18
- AgriBoost PK
- 0-0-30
- Custom blends

**Starter fertilizers for organic farmers include:**

- Pillar 11
- 2-0-2
- Basic O
- L Blend 11
- Potassium Sulfate Solution
- TWO

We also have a **complete line of trace minerals**.

**Biological needs** can be addressed with:

- **Myco Seed Treat™** (MST) – seed box treatment
- **SP-1™** – in-furrow, 2 x 2, and/or broadcast application for microbial inoculation
- **Residue™** – broadcast application for residue breakdown

**Get set up to grow healthy, happy, high-yielding corn and other crops** with the AgriEnergy Resources System. Contact your AgriEnergy Resources representative or the AgriEnergy Home Office today!