



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!