

What a bio-stimulant can do for you!

By Paul Schneider Jr., AG-USA

A bio-stimulant is a product that stimulates greater microbial activity in the soil. Unlike a simple biological, the resulting microbial activity can do more for you than you might imagine!

RESTORING BALANCE TO THE SOIL

Look at the soil test results below. After an application of MycorrPlus (formerly GroPal Balance) on July 4, it took only 4 months for phosphorus and potassium to be optimised. But no P or K were applied to achieve this.

In the same way, no sulfur, boron, iron or copper were applied. They were already in the soil, just tied up. After MycorrPlus was applied, they suddenly showed up on the soil test.

All these nutrients were brought up in the soil by employing microbes to make them available. You see, the soil is full of tied up nutrients.

As soil nutrients come into balance, so does soil pH. MycorrPlus is usually able to restore nutritional balance to the soil within 24 months.

ESTABLISHING MICROBIAL BALANCE

What does MycorrPlus do to help restore beneficial microbials and empower a beneficial soil food web? It

creates the perfect environment for beneficial microbes to thrive in.

In sick soils, pathogens thrive. Harmful nematodes that eat away at plant roots dominate and overwhelm beneficial nematodes. Even though one inoculates with mycorrhizal fungi, when the soil is out of balance it can simply be a waste of money.

MycorrPlus goes to work right away to devour chemicals, plant toxins and other toxins. Our microbes remediate salts and flush them out of the root zone. They help to break down chemical load that hinders life in the soil.

In a healthy soil environment, beneficial nematodes quickly displace harmful ones; good bacteria multiply quickly and displace harmful bacteria. Earthworms multiply in this healthy environment and do their part to help transform the soil. Mycorrhizal fungi that couldn't thrive before now create massive fungal networks.

Andrew in Michigan told us that at the end of the season when he dug up his one acre garden, he not only found huge root structures, but he also found that the soil was filled with white filaments of fungi, the likes of which he had never seen before.

TILL LESS, EARN MORE

Fungi networks are fragile. The deeper the soil is tilled, the more it disrupts any fungi networks that may be in the soil. Tilling also releases precious carbon (think organic matter) into the atmosphere.

Disking down one or two inches is minimally disruptive. However, the deeper that one tills, the more damaging it is to microbial networks.

This is one of the reasons why AG-USA is a proponent of minimal tillage or not tilling at all. We want to see the soil restored to balance and grow stronger every year.

Of course, tilling is necessary for some types of operations. It is used for transitioning from crop to crop, for weed control and to incorporate cover crops into the soil. But if you want better soil, try to find ways not to go any deeper than you have to.

Does the soil need aerated? Yes, but why not let MycorrPlus aerate the soil for you? It will do it by building soil structure, not destroying it.

THE NO-TILL FARMER'S BEST FRIEND

One of the greatest enemies of no-till farmers is compaction. By eliminating

this problem, MycorrPlus makes no-till farming so much easier.

A customer of ours in Georgia said that after only 6 months, MycorrPlus structured their highly compacted soil down a full 10". If you are a no-tiller, it can do the same for you! MycorrPlus microbials fill the soil with air gaps, softening it, allowing moisture to soak in instead of running off.

Air flows down into the soil farther and farther, so that after 4 or 5 months the nitrogen fixing bacteria contained in MycorrPlus can produce a wonderful supply of urea.

Weeds are another enemy of no-till farmers. However, most weeds thrive due to problems in the soil, like compaction, salts, high or low pH, and locked up calcium, which is needed to make other nutrients mobile.

By taking care of these issues, problematic weeds can become less of a problem and easier to deal with. No-till farmers, you will love it!

COVER CROPS? THINK \$\$\$

The ground wants to be covered. When it goes uncovered for a prolonged period of time, the sun can do great harm to the life of the soil. Carbon sequestration is by far the most effective method to build organic matter in the soil. With MycorrPlus, cover crops will continue this soil building process between crops. As organic matter increases, so does CEC and the ability of the soil to feed the plant!

With the help of MycorrPlus, not only do cover crops build nutrients back into the soil, but they can actually help the soil to retain moisture. Research has shown that when there are 8 or more varieties of plants utilized in a cover crop, a tipping point can be reached, and moisture builds up in the soil even in dry conditions.

MORE MONEY IN YOUR POCKET

As a bio-stimulant, MycorrPlus helps to establish mycorrhizal fungi in the soil, resulting in more production and greater profitability.

Learn more at: www.AG-USA.net

Or call 888-588-3139 for a free information packet!

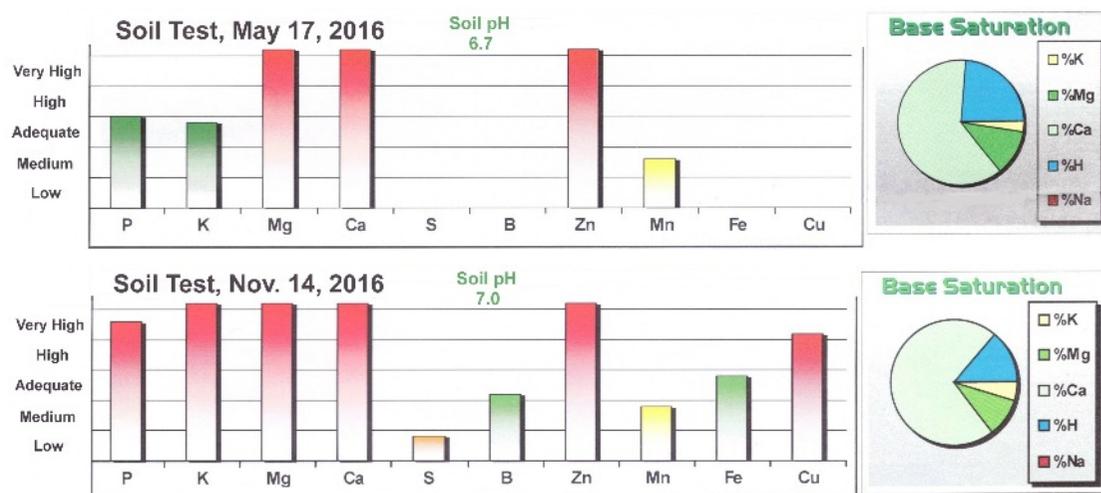


Conquer Nature by Cooperating with it

MycorrPlus: like a center pivot for dryland farmers!

Replaces LIME and other fertilizers

The following before and after lab tests show how we make soil nutrients available. Nothing else was applied this year but MycorrPlus. In just 4 months after application, the NPK and trace minerals went way up. The nutrients are already in the soil. We just help make them available.



AG-USA, LLC PO Box 73858 Newnan, GA 30271. Call 888-588-3139 today!