

Learn the secret of how to transform your soil!

By Paul Schneider Jr., AG-USA

What is the secret of transforming your soil? Put mycorrhizal fungi to work. When you get them working, everything else works, too. When they thrive, it helps to:

- Eliminate compaction.
- Highly structure the soil.
- Efficiently store moisture, and transport it to the plant.
- Unlock calcium, phosphorus and potassium from deep within your soil, and transport them to the plant.
- Reduce the need for fertilizer.
- Substantially increase yields.
- Make the plant more resistant to invasion by insects and disease.
- Eliminate harmful nematodes.
- Quickly increase organic matter.

If mycorrhizal fungi can do all of this, then why aren't more farmers benefiting from them? Good question. An even better question is, how can you put mycorrhizae to work?

You must feed mycorrhizae

Normally, fungi do best in wooded areas, where they can feed on fallen trees. But in the absence of trees, what food source is there for them?

When God created the world, He put in place the basis for a complex relationship between plants and soil. The potential for this has been there all along, we have the opportunity of learning how to work with it.

In this plant/soil relationship, the plant manufactures sugars to feed the micro-organisms in the soil. They, in turn, help to create a wonderful growing environment for the plant.

It is the sugars that are manufactured through photosynthesis that are the perfect food for mycorrhizae, and the

only way that mycorrhizae will ever truly thrive in farm soil.

Other things mycorrhizae need

You can buy a mycorrhizal fungi inoculant, but mycorrhizal fungi need certain things to help them to thrive in the soil so they can do their work.

They need:

1. A pH close to neutral.
2. Low salt content.
3. A balance of soil nutrients.
4. Oxygenated soil.
5. Minimal chemical load in the soil.
6. A continuing source of food.

MycorrPlus (formerly called GroPal Balance) has been carefully formulated to create every condition that is needed in the soil for mycorrhizae to thrive. It contains 70+ strains of aerobic bacteria that help to do the following:

- Remediate salts.
- Balance soil nutrients.
- By balancing soil nutrients, it helps to neutralize soil pH.
- Flocculate the soil, supplying needed oxygen.
- Break down chemical residues in the soil.

MycorrPlus (my-core-plus) is a food source that helps to get our microbes established in the soil. Once this happens, they work hard to transform the soil.

Cooperating with nature

The strength of MycorrPlus is that it helps to create the conditions in the soil needed for mycorrhizal fungi and aerobic bacteria to thrive.

It helps to send a strong signal to the plant that if the plant will sequester sugars into the soil, the microbes in the soil will in turn supply the plant with a wonderful array of nutrients.



Flocculated soil with air pockets

Non-flocculated, untreated soil

Without sequestration, mycorrhizae will not thrive. With it, they are able to create a complex fungal organism in the soil that can change everything.

For instance, we had three customers who had severe drought in their area, who all reported to me that their plants were still green and growing in spite of very little rain.

These farmers had one important thing in common. They used MycorrPlus to get mycorrhizal fungi functioning in their soil. The bacteria in the soil used the residue of the sequestered sugars as gums and glues to bind soil particles together (see picture above).

This highly structured their soil, filling it with air pockets. When it did rain, the water soaked down into the ground and was stored in these air pockets. When things became dry, these farmers still had good moisture.

Mycorrhizae benefits

As I mentioned at the beginning of this article, when you get mycorrhizae working for you, everything else in

the soil works, too.

The mycorrhizae create a highway in the soil. They carry sugars from the roots to feed soil bacteria and fungi. As bacteria digest calcium, phosphorus, potassium and other nutrients, the mycorrhizal hyphae transport these up to the plant. They also carry moisture that has been stored deep within the soil up to the plant.

One of the specialties of mycorrhizae is their ability to transport phosphorus, which normally is not at all mobile in the soil. With carbon sequestration kicked into high gear and mycorrhizae filling the soil, not nearly as much phosphorus or potassium is needed.

Balancing soil pH

The bacteria in MycorrPlus help to bring balance to soil nutrients, including hydrogen. In many cases, potential hydrogen (pH) will come into balance without the need for additional lime or sulfur. Give MycorrPlus a few months, then see if your pH has improved.

Now you know the secret to being able to transform your soil!

Mycorr Plus™

Like a center pivot for dryland farmers!

Reduces the need for LIME and other fertilizers

MycorrPlus is a liquid bio-stimulant that helps to remove compaction by highly structuring the soil. It helps to release calcium, phosphorus and potassium that are tied up in the soil. It contains 72 trace minerals, 70+ aerobic bacteria, 4 strains of mycorrhizal fungi, molasses, and humic and fulvic acids.

Call AG-USA at (888) 588-3139 now for a free info. pack, or go to: www.AG-USA.net Organic? Use MycorrPlus-O.

AG-USA, LLC, PO Box 73019, Newnan, GA 30271 info@ag-usa.net

Learn how MycorrPlus can help you with these!

- Better moisture retention
- Less weed pressure
- Reduction in nematodes
- Nitrogen fixing bacteria
- Higher test weights
- Higher protein and RFV
- Improved organic matter
- Larger root mass
- Improved yields
- Better germination
- Salt remediation
- Balanced soil pH
- Better CEC
- Fertilizer savings

Call AG-USA today at: 1-888-588-3139 and request a free information packet!

Or learn more at: www.AG-USA.net

Conquer Nature by Cooperating with it

