

33 benefits of activating carbon sequestration

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What is the best way to greatly improve poor soil?

What is the best way to turn good soil into great soil?

Carbon Sequestration!

There is a way to encourage the plant to sequester huge amounts of sugars (liquid carbon) down into the soil, to feed soil microbes, and then to have soil microbes create a wonderful growing environment for the plant.

The ability of MycorrPlus to activate carbon sequestration into the soil can result in numerous benefits, as this article points out.

1. REMEDIATES SALTS

Manure is high in salt. Fertilizers are high in salt. A lot of irrigation water is high in salt.

Good news! Using MycorrPlus to activate carbon sequestration fills the soil with salt remediating microbes, which help to reduce salt levels in the soil.

2. NEW DARK, RICH TOPSOIL

One of the things produced in the soil by carbon sequestration is humus. Dark, rich topsoil is built so much quicker through activating carbon sequestration than by any other method.

Crop residue and green manure are broken down by bacteria and within years the organic matter has disappeared from the soil. But carbon sequestration causes bacteria to produce humus and organic matter that is not easily broken down. Rather, it turns into dark, rich, new topsoil.

3. CLEANS UP CHEMICALS

Herbicides, pesticides, nematicides and insecticides can be harmful to soil life and soil balance.

As plants sequester sugars, beneficial microbes multiply; these microbes help to break down chemicals, removing their negative effects from the soil.

4. FEWER WEEDS

Most weeds are simply evidence of our failure to master the soil. Various weeds thrive in dry soil, acidic soil, salty soil, soil that is compacted or has a lack of humus, poorly drained soil, mineral deficient soil, or soil where minerals are out of balance. (see "Weeds and What They Tell" by Ehrenfried Pfeiffer)

Crops don't do as well in poor soil and find it hard to compete with weeds. Activating carbon sequestration can help to correct poor soil conditions that weeds thrive in. As soil is transformed into healthy soil, many weeds become less and less of a problem, while crops thrive.

5. FLOCCULATES THE SOIL

When the soil doesn't have air spaces, it can easily become water logged. Then when the weather turns dry, soil that lacks structure can quickly dry out.

Activating carbon sequestration helps beneficial aerobic bacteria to highly structure the soil, resulting in trillions of air spaces. In aerated soil, aerobic bacteria displace anaerobic pathogens. In oxygen rich, highly structured soil, root-destroying nematodes are also replaced by beneficial nematodes.

6. A MOISTURE BANK

As the soil becomes highly structured due to carbon sequestration, there will be less and less standing water in the field. Soil becomes a "moisture bank".

For those with irrigation, it can take 30% less water to grow the same crop, since available moisture is handled so much more efficiently.

MycorrPlus customers are able to watch

as the moisture holding capacity of the soil increases year after year.

7. MORE NITROGEN

As MycorrPlus activates carbon sequestration, soil structure increases and air flows down into the soil. The nitrogen fixing bacteria in MycorrPlus convert this nitrogen in the air into a urea that will not leach out or wick off.

Once the nitrogen fixing process is well established (4 or 5 months), many crops will have enough nitrogen, saving on nitrogen costs.

8. CREATES MOISTURE

As we breathe, we exhale moisture, so that our breath can fog up our eyeglasses and we can clean them!

In much the same way, as the anionically charged bacteria in MycorrPlus respire, they leave a trail of moisture as they travel through the soil. This could help to explain why some of our customers have good moisture, but their neighbors do not.

9. MYCORRHIZAL FUNGI

Without the help of mycorrhizal fungi, carbon sequestration will be minimal.

MycorrPlus helps establish mycorrhizal fungi in the soil, which in turn helps to activate carbon sequestration. Once carbon sequestration is activated, mycorrhizal fungi networks greatly expand and help to supply nutrients and water to the plant.

10. LESS INSECTS AND DISEASE

The higher the sugar level in a plant, the less susceptible it is to sapping insects and disease. As MycorrPlus empowers more photosynthesis in the plant, the sugar level of the plant will increase.

Trace minerals are needed for maximum photosynthesis and plant health. MycorrPlus contains a wealth of trace minerals.

These trace minerals help to produce healthy plants and healthy livestock. They can also mean less insect pressure.

11. BUILDS ORGANIC MATTER

Organic matter IS carbon, and carbon IS organic matter. The very best way to build organic matter in the soil is by activating carbon sequestration.

Carbon sequestration can build organic matter in the soil up to 10 times faster than green manures, crop residue, and any other method. One farmer saw his organic matter go from 0.4% to 4.7% in just 8 years.

12. CATION EXCHANGE

As organic matter increases, so does CEC. Increased cation exchange means more nutrients are made available to grow a larger plant, resulting in a more abundant harvest.

13. BALANCED SOIL pH

How does carbon sequestration help to balance pH? By helping to bring balance to soil nutrients.

Mycorrhizal fungi take sequestered sugars and feed soil bacteria, which in turn free up nutrients that have been tied up in the soil. This helps to bring balance to the soil.

When we restore balance to nutrients in the soil, potential hydrogen (pH) also comes into balance. Although lime is typically used to bring up pH, it can be expensive. Also, lime tends to tie up sulfur.

MycorrPlus is the best way we know of to both activate carbon sequestration and restore soil balance, resulting in near neutral soil pH.

To read the 20 remaining benefits, call and request one of our free information packets, or go to:

www.AG-USA.net/33benefits.php

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.

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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: (888) 588-3139 and request a free information packet!

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Conquer Nature by Cooperating with it

