Helping crops get microbes working

Soil microbial biomass and diversity has significantly declined with intensive agriculture which has negatively impacted on yield, disease & farm sustainability.

Research:
There is a clear relation between decline of soil microbial activity and the use of agrochemicals. (Geense et al 2015)
Yardim and Edwards found under field conditions that frequent use of fungicides, herbicides and insecticides caused a decrease in bacterial-feeding, fungal-feeding, predatory and omnivorous nematodes and an increase in plant-parasitic nematodes. (Geense et al 2015; Bailey 2003; Imfeld 2012)
Moeskops 2010 and Ratnadass 2012 found agrochemicals had a strong negative impact on soil enzyme activity.

SFS have developed key soil health inputs to get microbes working for you to create disease suppressive soils.

SFS inputs & programs target 4 key areas:
• Microbial Activity - increasing microbes
• Microbial Diversity - adding beneficial microbes
• Active Carbon - feeds microbes + much more
• Energise the Plant - root growth & photosynthesis

Talk to us now about what will work best for you.
Microbial Activity

Feed the microbes to:
- Improve nutrient availability
- Reduces root disease
- Improves water penetration

Microbial Diversity

Specific microbes designed to create healthy crops.
MicroPlus
Activates nutrient uptake
Colonises roots to outcompete pathogens
Contains beneficial fungi & bacteria including Mycorrhiza, Trichoderma, Bacillus, Streptomyces, Pseudomonas, Nitrogen fixing bacteria and more.

Actinobact
Naturally colonises the roots and out-competes pathogens.
Contains fast acting beneficial microbes Streptomyces lydicus + Bacillus subtilis.

Add Active Carbon

Providing a carbon source to feed soil microbes. Humic & fulvic are the most active component of soil organic matter and a cost-effective way to get benefits of soil organic matter.

Energise the Plant

Improve root growth and photosynthesis by getting the plant-soil system working for your crop.
Key components are bioactive at low concentrations including cytokinins, auxins, betaines, alginates, triacontanol, brassinosteroids.
Decades of research on Kelp & Vitazyme.

Information & Advice

Email admin@sustainablefarming.com.au
Phone 08 9388 3623
Web sustainablefarming.com.au