

Soil Activator

Activates soil microbes

FEEDS SOIL MICROBES

Easy to use formulation that contains multiple microbe food sources to feed beneficial microbes to boost numbers and activity - amino acids, vitamins, seaweed extracts, humus, fish & molasses.

- Improves nutrient availability
- Feeds soil microbes; favouring bacteria
- Suppresses disease
- Contains active carbon
- Stimulates plant root growth

Note - Microbial food contained in Soil Activator is designed to promote beneficial bacteria, the main nutrient recyclers of the soil; not plant pathogens that feed off living plants.

WHY ACTIVATE SOIL BIOLOGY

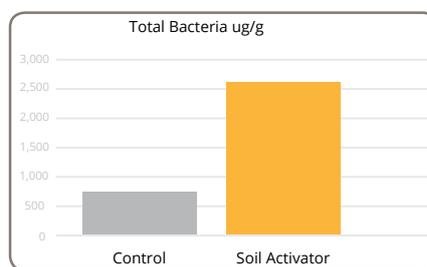
Scientific trials and soil surveys show that active soil microbes are a key component to healthy soils and important to ensure your soil performs. These beneficial fungi and bacteria improve nutrient availability and protect the crop from disease. (Janvier 2007; Ratnadass 2012) We also know that as beneficial microbial populations decline, disease increases. (Geense et al 2015; Crecchio 2004; Abawi 2000)

The components in Soil Activator have been proven to activate soil microbes by feeding them, favouring bacteria to fungi; to make a difference to your soil and crop. The main decomposition pathways in soil are either bacterial-based or fungal-based. Fungi and bacteria are the principle agents for the cycling of nutrients.

Plants have developed a symbiotic relationship with fungi and bacteria that is so vital to their survival that they expend 25-30% of their energy feeding soil fungi and bacteria. Declining fungi :bacteria biomass with intensive agriculture means plants are not getting the nutrients and protection they need from the soil.

A cost-effective place to start getting your soil to perform for you is by feeding fungi and bacteria to improve nutrient availability and protect the crop from disease. (Janvier 2007; Ratnadass 2012)

RESULTS



Soil Activator favours bacterial growth



13% yield increase using Soil Activator and Soil Enhancer
Extra 600g of tomatoes per plant



Macadamias thriving with Soil Activator



Increase in trunk diameter in new apple orchard with soil health



A tool to help you create productive soils

Factors in:

- Your soil type - humus + microbial activity
- Your crop type
- What is practical for your system

Soil Activator - activates soil microbes

Soil Activator can be used as a foliar spray or soil conditioner to feed soil microbes, improve root growth and provide a source of active carbon. Ultra filtered (to 100um), with low oil content, provides easy use through sprays and drip irrigation.

TYPICAL ANALYSIS:

Contains amino acids, vitamins, seaweed (kelp) extract, fish, molasses, humus.

| | |
|------------|-------|
| Nitrogen | 2.0% |
| Phosphorus | 0.34% |
| Potassium | 0.3% |
| Calcium | 0.4% |

DIRECTIONS FOR USE:

Add Soil Activator to spray and fertigation tank slowly with tank nearly full and maximum agitation. Blockages can occur if neat product comes into contact with filtration system. When applying through boom spray use 120 or 200 micron mesh screen on main filter and a 50L jet. When blending with other compounds dissolve Soil Activator separately and add to tank as last ingredient.

Always agitate drum contents before use.

APPLICATION RATES:

Blend up to 1L Soil Activator with 20L water.

Can be used via foliar or irrigation.

Vegetables:

5-10L/ha every 7-14 days from emergence/
transplant

Vines:

5-10L/ha monthly

Fruit & Nut Trees:

5-10L/ha monthly

Tropical Fruit:

5-10L/ha monthly

Broad-acre crops & pasture:

3-6L/ha 1-3 times during the season

COMPATIBILITY

Mixes with most agricultural chemicals and fertilisers, including sulphur and copper sprays (always test mix before use).

PACK SIZES:

20L, 200L, 1,000L

CLEAN UP PROCEDURE:

Use all mixture in spray and irrigation tanks; purge tanks and lines with clean water; flush irrigation lines. Do not return mix to original drums.

STORAGE:

Store in original container away from direct sunlight.

CAUTION:

Keep out of reach of children. Avoid contact with eyes. If swallowed seek medical advice if adverse symptoms arise.

