

MICROBE TOPPER

Nutrient enhancer

Microbe Topper is a specific Bacillus Subtilus blend which:

- ⇒ helps incorporate and spread raw manure into the soil
- ⇒ minimises the loss of soluble nutrients particularly nitrogen and phosphorus



How it works

- Bacillus Subtilus is known to have a symbiotic relationship with the other soil microbes like Azotobacter species. Working together, they lower the levels of insoluble phosphorus within soil.
- Soils with a history of applied fertiliser benefit from the symbiotic relationship because these microbes help counter phosphorus build-up. Because the phosphate ion tightly bonds to the positive cations found in the soil, phosphorus gets trapped within the soil and begins to freeze.
- B. subtilis works with other microbe species to release the phosphate bonds and distribute the phosphate throughout a plant crop for the entire growing season. Without the addition of B. subtilis, the phosphorus can't do its job effectively. Plant growth is hindered because the phosphorus can't move around to the plants and help maintain prosperous growth.
- B. Subtilus functions as an immune booster for soil and plants. It produces the antibiotics polymyxin, difficidin, subtilin, and mycobacillin. These antibiotics increase the "chance at survival as the organism produces spores and a toxin that might kill surrounding microbes that compete for the same nutrients." They act as biofungicides and antibiotics for plants.
- B. Subtilus also creates a biofilm over its colonies. This biofilm protects plants from pathogenic infections, as well as pre-emptively colonising areas. Pre-emptive colonisation prevents pathogenic microbes from invading since the area is already claimed by beneficial microbes.

How to apply MICROBE TOPPER

Use 100 grams per hectare and spray in a 100 litres of water over your paddock. Alternatively, spray over manure in a more concentrated amount of water—as long as the 100 grams per hectare rate is applied. MICROBE TOPPER is available in 500 gram sachets and costs \$125 per sachet.

BioLink4Plants is an Australian company run by experienced farmers.

'Let your Poo work for you'