

## NOTES ON MICROBE TEA

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Soil life influences nutrient uptake and protects from pathogens. Many soils are lacking key beneficial organisms. Using the right ingredients the beneficial microbes which are generated and multiplied in the production of microbe tea can regenerate tired soils and enhance the potential of soils that are already considered healthy. The beneficial micro-organisms produce metabolites which include plant growth promoters, vitamins and compounds which help maintain a healthy balance of organisms.

The tea is diluted with water at the rate of 1 litre of tea to 10 litres of water and these 10 Litres of diluted solution is sufficient to treat 10 square metres of soil. The recommended frequency of application is monthly. For trees an area that extends from the trunk to approximately 1 metre outside the drip line should be treated.

Microbe tea can also used as a foliage spray to prevent certain leaf, flower and fruit diseases. Spray the foliage to visible wetness with the undiluted product at 2 to 4 week intervals. Be aware that solids in the tea may block fine nozzles.

The ingredients used to make the tea include:-

### Liquid microbe food which contains:-

- Chelated calcium
- Amino acids
- Vitamins
- Plant extracts
- Bio-stimulants
- Natural growth promoters
- Over 70 minerals
- Complex carbohydrates
- Enzymes

### A blend of specifically selected strains of:-

- *Bacillus subtilis*
- *Azobacteria vinelandii*
- *Pseudomonas fluorescens*
- *Pseudomonas pudida*
- *Rhizobium japonicum*
- *Pseudomonas stutzeri*
- *Trichoderma harzianum*
- *Trichoderma viride*
- *Pseudomonas cellulose*
- *Azobacteria chroococcum*
- *Azospirillum brasilense*
- *Polyangium cellulosum*
- *Cellulomonas cellosea*

Kits and ingredients for production of the microbe tea can be obtained from Nutri-tech Solutions in Yandina.