

Microbe Plus® NPK Pasture

A Microbially Active liquid fertilizer with macro and micro nutrients fortified with fulvic acid and vitamins.



Introduction

Microbe Plus® NPK Pasture

Microbe Plus® NPK Pasture is a biofertiliser that has been designed in order to supply all the macro and micronutrients needed by plants for their optimum development.

It also contains a unique blend of plant beneficial microbes that will help in plant nutrient absorption. This process is achieved due to the microbial digestion of the nutrients and therefore transforming them into plant available form.

All the nutrients in Microbe Plus® NPK Pasture have been calculated in a perfect balance that eliminates problems of plant toxicity or deficiency due to interactions between nutrients.

Also, Microbe Plus® NPK Pasture incorporates the benefits of fulvic acid and vitamins. Both substances are used by both, plant and beneficial microbes.

Soils containing an increased population of microbes will enhance plant nutrition and as a consequence the crop yield.

The C – source in Microbe Plus® NPK Pasture, molasses, will help the growth and multiplication of microbes in the product but also in the plant or soil system once the fertiliser is applied.

Zeolite is another ingredient in Microbe Plus® NPK Pasture. This mineral will absorb and hold the nutrients that will be released once they are needed by the plants. Thus, not only the efficiency is increased but also the water table contamination due to nutrient leaching being dramatically reduced.

Microbe Plus® NPK Pasture can be used as a soil or foliar fertiliser. It is available immediately through the leaf, fruit and plant roots with nil withholding period.

Active Ingredients

Yeast, Lactobacillus, Phototrophic Bacteria, Actinomycetes, Proprietary cultures, Fulvic acid, Nitrogen, Phosphorus, Potassium, Calcium, Zinc, Boron, Magnesium, Manganese, Molybdenum, Iron, Copper, Zeolite, Vitamin C.

Details:

Produced by natural fermentation with molasses and purified water.

Microbe Plus® NPK Pasture Shelf Life

Microbe Plus® NPK Pasture should be stored at ambient temperature conditions. It is recommended to be stored out of direct sunlight, but within a well lit area so that the microbial digestion process within the product continues.

Sedimentation will rise after prolonged storage. As such we recommend use within 12 months of the date of manufacture.

Rainfastness

Microbe Plus® NPK Pasture is rainfast in 15 minutes. If rain is expected shortly after applying, application rates listed can be decreased by 10%.

Compatibility & Use

Microbe Plus® NPK Pasture can be mixed and applied with most commonly used herbicides and pesticides; however we strongly recommend checking labels for compatibility as well as pre testing in a small area prior to widespread application.

For information about specific application rates, please refer to the relevant market sector brochures. All our brochures are available to download from our web site – alternatively, contact us on the number below.

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Analysis (W/V)

Nutrient	Form	Analysis
Nitrogen (N)*	as urea	4.00%
	as nitrate	1.00%
	Total	5.00%
Phosphorus (P)	as water soluble	1.00%
Potassium (K)	as nitrate	1.10%
	as phosphate	1.30%
	as molasses	0.30%
	Total	2.70%
Boron (B)	as sodium borate	0.13%
Calcium (Ca)	as nitrate	1.30%
Sulphur (S)	as sulphate	0.80%
Magnesium (Mg)	as sulphate	0.22%
Manganese (Mn)	as sulphate	0.15%
Zinc (Zn)	as sulphate	0.70%
Molybdenum (Mo)	as sodium molybdate	0.01%
Iron (Fe)	as sulphate	0.075%
Cobalt (Co)	as sulphate	0.005%

*Product is microbially active so the analysis may vary between different batches.

Packaging

Microbe Plus® NPK Pasture is available in the following containers:

- 20L and 1000L

Optimising results

For optimum results use with GrowGreen's Xtend® plant oil adjuvant. Xtend® will maximise the result by reducing drift and increasing adherence to the sprayed surface.

Application Details

Microbe Plus® NPK Pasture is suitable for use in a wide range of market sectors.

Crop	App. Rate/Ha	No. of applications
Annual & perennial pasture	3-4ltrs	3-4 foliar applications post grazing

To be diluted in a minimum of 100L of water p/Ha

Foliar Spray to point of run off. Pending soil and leaf analysis, application rates may vary. The above should be used as a guide only. Halve rates if above 35 Celsius.