

# Microbe Plus® High N-S

*A Microbial digested blend of Nitrogen and Sulphur..  
which can be used on Soil, when sowing and as foliar spray without burn.*



## Introduction

### Microbe Plus® High N-S

Microbe Plus® High N-S has been created via a unique process that blends and digests Sulphate of Ammonia with beneficial microbes, fungi and bacteria. This process has created a powerful and highly effective nitrogen and sulphur based product.

Utilizing our unique digestive process Microbe Plus® High N-S is biologically active. It will help rectify deficiencies quickly and easily.

GrowGreen's unique process of formulation has allowed us to create a highly available soil and plant fertiliser using just under half the nutrient rates of other traditional sulphate of ammonia products, but with equal or better results.

One of the key benefits of GrowGreen's Microbe Plus® High N-S is that used at the recommended application rates, it can be foliar sprayed without risk of leaf burning. This provides excellent flexibility with regards to both type and frequency application.

As a foliar or soil drench application Microbe Plus® High N-S will deliver an excellent supply of nitrogen and sulphur to the plants and crops that have a high use of these two nutrients.

It provides an efficient and effective alternative to other high nitrogen based products of twice the strength. Excellent infield results have been achieved on both winter and summer cereal crops and pastures. The inbuilt microbes within Microbe Plus® High N-S will also help hold and bind nutrients in the soil thus providing fewer losses via leaching and volatilization.

All the nutrients in Microbe Plus® High N-S have been microbially digested using GrowGreen's proprietary blend of beneficial soil microbes. This process emulates the natural process found in nature and converts the nutrients into 100% plant available form.

Unlike traditional Sulphate of Ammonia applications, the microbial action built into Microbe Plus® High N-S will also resist making your soil acidic.

### Active Ingredients

Technical grade ammonium sulphate, calcium, Molasses, potassium, boron, fulvic acid, microbes and fungal promoters

## Compatibility & Use

Microbe Plus® High N-S can be mixed and applied with most commonly used pesticides and fungicides however we strongly recommend checking labels for compatibility as well as pre testing in a small area prior to widespread application.

## Optimising results

For optimum results, we recommend use with GrowGreen's Profert®, Microbe Plus® NPK Pasture or Xtend® plant oil adjuvant when foliar spraying. Your GrowGreen representative will assist in developing application programs specific to your soil and crop. Xtend® will maximise the result by reducing drift and increasing adherence to the sprayed surface.

## Application Details

Microbe Plus® High N-S is suitable for use in a wide range of market sectors – some are listed here:

Pasture, cereal crops, maize, rice, canola, general broad acre winter and summer crops such as millet or sorghum, selected horticultural crops, and turf.

Crop	App. Rate/Ha	No. of applications
Horticultural crops	3 – 5L	3-4 fertigations; pre flowering, post flowering & fruit enlargement stage
Broad acre Winter crops	2 – 3L	Liquid injection at seed sowing stage, 2 foliar applications (mid tillering and booting – grain filling stage)
Broad acre Summer crops	3 – 4L	2-3 boom spray application or foliar applications; pre flowering, post flowering and grain filling stage
Annual and perennial pasture	3 – 4L	3-4 foliar applications post grazing

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

*\*We recommend foliar Spray to the point of run off Pending soil and leaf analysis, application rates may vary. The above should be used as a guide only.*

**Avoid spraying in high temperature and high UV**

## Rain fast

When used in conjunction with Xtend® plant oil adjuvant, Microbe Plus® High N-S foliar spray is rain fast in 15 minutes.

## Microbe Plus® High N-S Shelf Life

Microbe Plus® High N-S 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.

## Packaging

Microbe Plus® High N-S is available in the following containers: 20L and 1000L

## Analysis (W/V)

Nutrient	Form	Analysis
Nitrogen (N)	as ammonium	5.70%
	as nitrate	0.50%
	Total	6.20%
Potassium (K)	as nitrate	0.60%
	as molasses	1.00%
	Total	1.60%
Sulphur (S)	as sulphate	6.00%
Calcium (Ca)	as nitrate	0.50%
Boron (Bo)	as sodium borate	0.025%
Molybdenum (Mo)	as sodium molybdate	0.01%

For information about specific application rates, or use with specific crops please contact us on the number below.

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**www.growgreenfertiliser.com**

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