

Microbe Plus® Kelp

A Microbial digested blend of high grade Seaweed extracts and powders



Introduction

Microbe Plus® Kelp

Microbe Plus® Kelp has been created via a unique process that blends and digests high grade soluble kelp powders with beneficial microbes, fungi and bacteria. This process has created an excellent, high nutrient rich fertiliser.

Utilizing our unique digestive process, Microbe Plus® Kelp is biologically active. Kelp extracts contain high concentrations of plant hormones (eg cytokinins, gibberellins). These have been shown to significantly increase biological activities in soils and to stimulate growth of vegetables, fruits and other crops.

GrowGreen's unique process of formulation has allowed us to create a highly available soil and plant efficient fertiliser.

Kelp is also known to break down cellulose and other materials in the soil, thus increasing the formation of hummus and improving soil structure. Microbe Plus® Kelp will also help protect against soil borne pathogens.

Microbe Plus® Kelp can be used as both a soil drench and foliar spray. It is an excellent soil conditioning agent which can help aid root development and is known to create greater plant resistance to stress and frost.

Seaweed itself contains many organic compounds and as such it's an excellent natural fertiliser. Kelp contains an algin acid which can also help boost water retention. It is also known that kelp aids seed germination.

Microbe Plus® Kelp is non harmful to the environment. Being a natural product it poses no threat to worms, bee's and many insects that help aid organic culture. It will aid the plants uptake of nutrients and can improve both growth and flowering in certain crops. It contain complex carbohydrates which help feed the soil microbes

All the nutrients in Microbe Plus® Kelp 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.

Active Ingredients

A blend of soluble kelp, calcium, vitamins, molasses, microbes and fungal promoters.

Details

Compatibility & Use

Microbe Plus® Kelp 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 use with GrowGreen's Xtend® plant oil adjuvant when foliar spraying. Xtend® will maximize the result by reducing drift and increasing adherence to the sprayed surface.

Application Details

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

Horticulture, Pasture, Broad Acre, Viticulture, Turf

Crop	App. Rates/Ha	No. of Applications
Horticultural crops	3 – 4L	3-4 foliar applications; pre flowering, post flowering & fruit enlargement stage
Broad acre Winter crops	2 – 3L	2 foliar applications (mid tillering & booting – grain filling stage)
Broad acre Summer crops	3 – 4L	2-3 foliar applications; pre flowering, post flowering & 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 Conditions

Rain fast

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

Microbe Plus® Kelp Shelf Life

Microbe Plus® Kelp should be stored at ambient temperature conditions. It is recommended to be stored within a well lit area so that the microbial digestion process within the product continues.

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

Packaging

Microbe Plus® Kelp is available in the following containers: 20L and 1000L

Analysis (W/V)

Nutrient	Form	Analysis
Nitrogen (N)	as nitrate	0.20%
Phosphorus (P)	as water soluble	0.10%
Potassium (K)	as molasses	0.30%
	as soluble potash	0.10%
	Total	0.40%
Calcium (Ca)	as nitrate	0.40%

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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*GrowGreen Pty Ltd makes no express or implied warranty regarding the storage, handling, use or results obtained from using its products.
(Excluding statutory warranties)*