



Alga600 Application



ORGANIC FARMING – Foliar Feeding

Foliar feeding, using natural organic Alga600 foliar feed, is an effective method for correcting soil deficiencies and overcoming the soil's inability to transfer nutrients to the plant. Tests have shown that foliar feeding can be 8 to 10 times more effective than soil feeding.

Timing

The best time to apply Alga600 organic foliar feed is late evening to early morning. These are the times when the stomata (the small opening on the leaves) are open.

Avoid spraying when –

- The temperature is above 80F (26°C).
- The weather is hot and dry and water vapour is leaving the cells.

Foliar spray when –

- The temperature is 72F (22°C) or below.
- Early in the morning when the cells of the leaf are full of water and dew has collected on the foliage.
- Air temperatures and humidity both equal 135 or less.
- Air temperature is cooler than soil surface temperature.

Note

A biological surfactant can reduce water tension and improve the absorption rate of foliar sprays

pH

Where possible, the pH of a foliar spray should be between 6.2 to 7.0. To promote young plant growth a sweeter (alkaline) solution (pH 7.0) is recommended. For established growth, a more sour (acid) solution (pH 6.2) is recommended

An effective foliar application can produce results in 1 to 6 days. Use a refractometer to test the quality of the produce.



Ensure Alga600 is thoroughly mixed in water – apply in a fine mist – avoid drenching. No special equipment is required – Foliar solution can be applied with the aid of conventional spray equipment i.e. fan sprayer, backpack sprayer, hi-boy, low or high volume ground sprayer etc.



Dosage Guideline

Fill sprayer with 200-400 ltrs /ha (80-160 ltrs /acre).

Fill Sprayer half with water before adding Alga600 and mix with mixing device.

Best results - use 400g to 600g per acre diluted in a minimum of 160 litres per acre.

Maintenance - use 300g to 400g per acre.



Alga600 Data Sheet



Increasing yield the **NATURAL** way!

Description

Our blend of organic seaweed is 100% natural. It contains a unique extract from brown seaweed such as Sargassum, Ascophyllum Nodosum, and Laminaria.

ORGANIC
FARMERS
&
GROWERS

Product Approved for Restricted Use
Derogation Required

Certified for Organic
Growing in the UK



Sargassum – Rich in alginic acid (promotes water retention) and cytokinin (contains rapid growth hormones)



Laminaria – Abundant in laminaria polysaccharide, which has been shown to have considerable antiviral effects. Increases cell wall thickness.



Ascophyllum Nodosum – The most common type which contains concentrated source of minerals including iodine, potassium, magnesium, calcium and iron.
Over 80 trace elements.

PGR (Plant Growth Regulator)

The main strength of Alga600's complex nutrient system is the high content of natural PGR up to 600 ppm.

The natural PGR in Alga600 is immediately available to the plant at the early part of its growth cycle, before the plant produces its own PGR supply.

These factors result in healthier and stronger plants and rapid crop maturity, resulting in dramatic improvements to crop quality and yields.

Lamellar Crystal

Our sophisticated drying process forms a unique lamellar crystal, giving an increased surface area an optimum ratio of mannuronic acid to guluronic acid, allowing Alga600 powder to be quickly dissolved, preventing blocking of irrigation systems and sprayer heads.

Benefits & Advantages

- Rapidly replaces missing trace elements and nutrients, and improves the quality of plants, grassland, vegetables and flowers.
- Thickens, enlarges and balances the leaf growth.
- Helps plants to endure environmental stress.
- Stimulates strong plant and root growth.
- Increases shelf-life of cut flowers, fruit and vegetables
- Promotes development of new shoots and roots.
- Stimulates cell division, improving fruit size.
- Contains antitoxins to fend off bacteria and viruses, and to repel insects.
- Easy application, will not block irrigation systems & sprayers.