

Stimul8

Carbon, high nutrient analysis and biological stimulants for vegetative growth.

Stimul8 is a special BioNutrient Solutions macronutrient formulation designed to stimulate vegetative growth during mid tillering and booting. Stimul8 is not just a foliar nutrient, it delivers a blend of nutrients, Carbon and biological stimulants essential for vegetative growth. Carbon compounds provide a base to encourage plant growth while supplying beneficial microbes a food source.

Benefits of Stimul8

- ✔ Stimul8 is a unique formulation combining soluble Calcium, Phosphorus, Potash and boosted Nitrogen in the one plant available mix, with analysis specific to leaf and canopy growth.
- ✔ This unique buffered Stimul8 formulation attaches soluble Carbon to nutrients thus reducing the potential for leaf burn.
- ✔ Nutrients are reacted with soluble Carbon, enzymes and amino acids to provide greater efficiency in nutrient uptake and translocation through the plant.
- ✔ The addition of kelp and organic acids, natural growth hormones, encourage substantial root growth and root exudate production.
- ✔ These processes stimulate the plant Carbon cycle, pumping Carbon into the soil through enhanced photosynthesis in the canopy, increased root exudates and soil microbial mineralisation. The result is improved nutrient and moisture availability for the plant.

Features

- ✔ 8 essential components for plant growth:
 - 10.5% Nitrogen.
 - 7.7% Phosphorus.
 - 4.5% Potassium.
 - 3.1% Calcium.
 - Labile Carbon.
 - Kelp for growth hormone.
 - Amino acids.
 - Microbial enzymes.
- ✔ Carbon buffered to reduce leaf burn.
- ✔ Contains wetting agent.

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Application and Rates

Foliar	Mid tillering	2-4L/ha
Foliar	Booting	8-10L/ha
Fertigation	Pre-flowering	5-10L/ha

- Foliar applications ensure a minimum of 5:1 water to product ratio.

Properties

pH	2.5 - 3.5
Solubility	Fully miscible
Filtration	120µ
Specific Gravity	1.25 - 1.30

In-line Filter Recommendation

Micron	US Mesh
150 micron	100

Handling & Storage

- Some settling of product can occur during storage. Agitate prior to use to incorporate settled material.
- Do not store in direct sunlight, or for long periods.
- Needs care with handling due to high acidity of product.
- 12 month shelf life.
- Refer to product Material Safety Data Sheet (MSDS) prior to use.
- MSDS's available at www.bionutrient.com.au or by telephoning BioNutrient Solutions on (07) 4671 5811.

The information in the Product Information Sheet is an indication only and BioNutrient Solutions will not be held liable for any loss, injury or damage caused whatsoever, in relation to the products performance in accordance with the benefits listed.
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Typical Analysis (w/v)

Nitrogen (N)	10.47%
Phosphorus (P)	7.66%
Potassium (K)	4.48%
Calcium (Ca)	3.05%