

Nutri-Stim Triacontanol™

Soil Balancing

Cropping

Pasture & Animal

Foliar & Fertigation

Triacontanol is a naturally occurring plant growth promoter which can act as a photosynthesis enhancer.

Description

Triacontanol increases cell division rates leading to production of larger root and shoot mass. When sprayed on plants during growth periods, it activates secondary messengers leading to enhanced enzymatic activities in plants that increase the brix level in fruit.

Benefits

- Influences mineral uptake from soil.
- Increases permeability to water and solutions and enhances capacity to retain moisture.
- Supports the actions of natural enzymes and hormones in the plant.
- Increases the rate of photosynthesis.
- Enhances synthesis of proteins.
- Promotes flower buds.
- Promotes more tillering and branching.
- Reduces leaf drop, flower and fruit drop.
- Increases crop height.
- Increases root mass and length.
- Promotes earlier maturity.



Packaging

Available in the following volumes:

- 1L
- 5L
- 20L

APPLICATION RATES

Foliar Spray:

Vegetables

8 mL per 100 L water Apply weekly or as required

Orchards, Vineyards, Ornamentals & Turf

8 mL per 100 L water Apply every 2 – 4 weeks or as required

Broadacre Crops

30 mL/ha in 100 L water Apply once or twice prior to flowering

Pasture

30 mL/ha in 100 L water Apply as required

Spot-Spraying

8 mL per 100 L water Apply as required

Hydroponics:

4 mL per 1000 L of final nutrient solution. Do not mix with hydroponic nutrient concentrates. Add via Part C or to the return tank.

STORAGE & HANDLING

- Store in a cool dry area out of direct sunlight. This product has been tested to store safely down to 5°C. Crystallisation or sedimentation may occur below 5°C. Do not pre-mix or store in diluted form.

TYPICAL ANALYSIS W/V

Triaccontanol	2.5%
SG	1.0
pH	8 – 9
Conductivity	0.6 – 0.8 mS/cm
Appearance	Milky, viscous liquid

INSTRUCTIONS

Stir well before use. Ensure other inputs are pre-dissolved and/or diluted prior to slowly adding pre-diluted Nutri-Stim Triaccontanol™. Pre-dilute Nutri-Stim Triaccontanol™ by mixing 1 part product to 10 parts water. Where higher water rates are required for good foliar coverage, do not exceed maximum product rate per hectare. Sensitive foliage or plants should be test sprayed prior to full scale application. Frequencies are a guideline only and can be adjusted according to farm practices and/or in conjunction with crop monitoring. Ensure suitable spray conditions (e.g. temperature, humidity, wind-speed), prior to foliar application. Compatibility and/or performance cannot be guaranteed when combined with other products. Jar test for compatibility and spray test on small area before wide-spread use.

IMPORTANT

- Jar test for compatibility. Ensure product is pre-diluted as per Instructions.
- **Note:** Product in 1000 L tanks may weigh over 1 tonne. Forklift with 2 tonne lifting capacity is recommended.