



Zinc Essentials™

Liquid zinc chelated with organic acids for enhanced plant uptake.



ORGANIC TRACE ESSENTIALS

Zinc plays an essential role in governing leaf size and adequate levels are critical for optimum plant production. Deficiency symptoms vary between crops but can include leaf yellowing, striped leaves, small leaves, plant stunting and severe losses in yield and nutritional quality. Now you can address your zinc requirements with an ACO Registered Farm Input.

Zinc Essentials™ contains 7.95% zinc organically chelated with fulvic acid and amino acids. This revolutionary mix of biological chelating agents improves plant uptake and assimilation of zinc.

BENEFITS

- Australian Certified Organic (ACO) Registered Farm Input 456AI (Restricted).
- 7.95% zinc with natural chelating agents including fulvic acid and amino acids for enhanced uptake.
- Zinc is essential for optimum leaf size and photosynthetic potential.
- Improve root development and essential enzyme production.
- Includes natural plant growth and microbial promotants.

PACKAGING:

1 L, 5 L, 20 L, 200 L, 1000 L

Product Code: ZINCESS



RESTRICTION: This product contains zinc. Use is allowed only for a documented or observed need with a plan to avoid zinc imbalances. Use outside this context may not be compliant with the Organic Standards.

Zinc Essentials™

APPLICATION RATES

Foliar Spray:

Vegetables

0.5 L per 100 L water up to 2.5 L/ha equivalent
Apply as required

Orchards & Vineyards

0.5 L per 100 L water up to 5 L/ha equivalent
Apply as required

Ornamentals & Turf

0.5 L per 100 L water up to 3 L/ha equivalent
Apply as required

Broadacre Crops

0.5 – 1 L/ha in 60 – 100 L water, depending on canopy closure
Apply as required

Pasture

0.5 – 1 L/ha in 60 – 100 L water
Apply as required

Spot-Spraying

25 mL per 10 L water
Apply as required

Fertigation:

Vegetables, Ornamentals & Turf

3 – 5 L/ha, apply as required

Orchards & Vineyards

3 – 7 L/ha, apply as required

Home Garden Application:

Dilute 7.5 mL per 9 L watering can and apply the diluted mix at a rate of 1 litre per square metre
Do not apply more than 6 times per year without demonstrated trace element requirement.

STORAGE & HANDLING

- Read safety directions before use.
- 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. Seal lid/cap immediately after use.

Disclaimer: Any recommendations provided by Nutri-Tech Solutions Pty Ltd (NTS) or its Distributors are advice only. As no control can be exercised over storage, handling, mixing, application or use, or weather, plant or soil conditions before, during or after application (all of which may affect the performance of our program), no responsibility for, or liability for any failure in performance, losses, damages, or injuries (consequential or otherwise), arising from such storage, mixing, application, or use will be accepted under any circumstances whatsoever. NTS recommend you contact an Agronomist prior to product application. The Buyer assumes all responsibility for the use of any NTS products.

TYPICAL ANALYSIS W/W

Zinc (Zn)	7.95%
Total Nitrogen (N) (as organic)	0.12%
Total Potassium (K) (as organic)	0.14%
Sulfur (S)	3.95%
Calcium (Ca)	247 mg/L
Magnesium (Mg)	351 mg/L
SG	1.2
pH	2.8 – 3.8
Conductivity	40 – 60 mS/cm
Appearance	Brown liquid

INSTRUCTIONS

Stir well before use. Rates and frequencies should be adjusted according to crop monitoring. 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. 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

- Not compatible with soluble calcium or phosphate based inputs.
- Avoid spraying close to harvest if produce is susceptible to staining.
- **Note:** Product in 1000 L tanks may weigh over 1 tonne. Forklift with 2 tonne lifting capacity is recommended.

YOUR LOCAL NTS DISTRIBUTOR: