

# YLAD Living Soils *Putting life back into the land*

## Zinc Essentials™

Soil Balancing

Cropping

Pasture &amp; Animal

Foliar &amp; Fertigation

Liquid zinc chelated with organic acids for enhanced plant uptake.



### Description

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.



**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.

### Packaging

Available in the following volumes:

1L  
5L  
20L  
200L  
1000L



## 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.

## TYPICAL ANALYSIS W/V

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.