



# AGB Zinc + Mn Chelate

## Description

**Z**inc is required for the activity of various types of enzymes. Its basic function is related to auxins (growth promoting substances i.e. gibberellic acid, and inhibitors for vegetative growth like abscisic acid). Other functions related to the metabolism of carbohydrates, and proteins.

Zinc deficiency produces visible symptoms of stunted growth due to shortening of internodes ("rosetting") and drastic decrease in leaf size ("little leaf"). The correction of these visible symptoms should not be confused with the increased vegetative growth produced by a zinc-spray containing nitrogenous substances.

**M**anganese deficiency appears as interveinal yellowing in young leaves. In grasses brownish spots or streaks appear at the base to middle part of younger leaves. The causes of manganese deficiency may occur for several reasons :

- Soil is high in phosphorous, calcium and magnesium.
- Liming of acid soils.
- High soil pH.
- Heavily leached sands and light textured soils.

Agtrace's AGB Zinc & Manganese Chelate nutrient mix is chelated using an organic chelating agent lignosulphonate, meaning it has a high plant availability, is quickly absorbed by leaves and is rain fast.

## General Application Rates

- **Slight Deficiency (Maintenance):** 3.0 L/Ha
- **Moderate Deficiency:** 5.0 L/Ha
- **Severe Deficiency:** 7.5 L/Ha

The application rates above are guidelines. Agtrace always recommends consultation with your local agronomist to base the application rates on soil and plant tissue testing, paddock history, environmental factors, soil conditions, and crop type. For more information on these topics please see Agtrace's brochure marked "Foliar Nutrients".

## Contact Details

Contact us on the information below to find out the closest rural store that stocks Agtrace products.

**Manufactured by:** AgBalance Pty Ltd  
35 Wattlepark Avenue, Moolap, Victoria 3221  
**Telephone:** 1800 154 433  
**Facsimile:** 1800 154 332  
**Email:** service@agtrace.com.au  
**Web:** www.agtrace.com.au

## Constituents

### Minimum Guaranteed Analysis

<b>Zinc (Zn)</b>	<b>6.0</b>	<b>% w/v</b>
<b>Manganese (Mn)</b>	<b>2.0</b>	<b>% w/v</b>
<b>Nitrogen (N)</b>	<b>5.0</b>	<b>% w/v</b>
<b>Sulphur (S)</b>	<b>3.7</b>	<b>% w/v</b>

with lignosulphonate binder; surfactants; penetrants.

## The Agtrace Benefit

Agtrace is at the forefront of research and development of chelated (protected) liquid nutrient fertilizers. The efficacy of foliar absorption of fertilizer elements is targeted to be optimized by binding agents assisting in rain fastness, penetrants to open increased number and area of pore sites, and surfactants to reduce surface tension of liquid droplets on plant surfaces. The formulations development is to prevent the greatest financial losses in fertilization, that is, the fixation of soil nutrients by adverse soil reactions. Agtrace is committed in delivering quality products with high nutrient absorption and utilization for increased crop productivity and profit.

## Product Codes



20 Litre  
AGB0006

200 Litre  
AGB0005

1000L Litre  
AGB0004

