



# AGB Zinc + Mn + Fe Chelate

## Description

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

Manganese 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.

Iron deficiency is sometimes called 'lime-induced chlorosis' because it often causes chlorosis in crops grown in calcareous soils where the high pH renders iron unavailable. Plants need iron to produce chlorophyll and to activate several enzymes, especially those involved in the oxidation/reduction processes of photosynthesis and respiration.

Agrace's AGB Zinc + Mn + Fe is organically chelated with lignosulphonate that assists in the absorption of Zinc, Manganese and Iron into the leaf of the plant in a rapid and efficient manner.

## General Application Rates

- **Slight Deficiency (Maintenance):** 3.0 L/Ha
- **Moderate Deficiency:** 7.5 L/Ha
- **Severe Deficiency:** 10.0 L/Ha

The application rates above are guidelines. Agrace 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 Agrace's brochure marked "Foliar Nutrients".

## Contact Details

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

**Manufactured by:** Agrace Pty Ltd  
35 Wattlepark Avenue,  
Moolap, Victoria 3221

**Telephone:** 1800 154 433  
**Facsimile:** 1800 154 332  
**Email:** service@agrace.com.au  
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## Constituents

### Minimum Guaranteed Analysis

<b>Zinc (Zn)</b>	<b>5.0</b>	<b>% w/v</b>
<b>Manganese (Mn)</b>	<b>2.5</b>	<b>% w/v</b>
<b>Iron (Fe)</b>	<b>1.0</b>	<b>% w/v</b>
<b>Nitrogen (N)</b>	<b>1.2</b>	<b>% w/v</b>
<b>Sulphur (S)</b>	<b>3.7</b>	<b>% w/v</b>

with lignosulphonate binder; surfactants; penetrants.

## The Agrace Benefit

Agrace 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. Agrace is committed in delivering quality products with high nutrient absorption and utilization for increased crop productivity and profit.

## Product Codes



20 Litre  
AGB0054

200 Litre  
AGB0053

1000L Litre  
AGB0052

