



# AGB Zinc + Mn + Cu 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, proteins, phosphate, RNA and ribosome formation.

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.

Copper is necessary for photosynthesis, for the functioning of several enzymes, in flower and seed formation, for the production of lignin which gives physical strength to shoots and stems, and to vascular elements required for water movement in plants. Although the effects of copper deficiency are varied, depending on the particular crop, some symptoms are common to many species.

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

## General Application Rates

- **Slight Deficiency (Maintenance):** 3.0 L/Ha
- **Moderate Deficiency:** 6.0 L/Ha
- **Severe Deficiency:** 9.0 L/Ha

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

## Contact Details

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

**Manufactured by:** Agmin Chelates Pty Ltd  
32 Wattlepark Avenue,  
Moolap, Victoria 3221

**Telephone:** 1800 154 433  
**Facsimile:** 1800 154 332  
**Email:** [service@agmin.com.au](mailto:service@agmin.com.au)  
**Web:** [www.agmin.com.au](http://www.agmin.com.au)

## 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>Copper (Cu)</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 Agmin Benefit

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

## Product Codes



20 Litre  
AGB0051

200 Litre  
AGB0050

1000L Litre  
AGB0049

