



**DUAL CHELATE  
FERTILIZER**  
THE SCIENCE IN PLANT NUTRITION

# TRANSIT B ZN & MG (LIQUID)

6.10% Boron, 0.78% Zinc, 0.6% Magnesium  
+ 1.93% Nitrogen (Amino Acid derived)

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A combination of chelated Boron, Zinc, Magnesium and organic molecules, which are required in plant growth and development, flowering, fruit setting.

## Benefits of Transit B Zn & Mg

Promotes seed and fruit development and reduces the occurrence of poor seed set and fruit set

Increases sugar movement within plants and transports them to actively growing regions such as developing fruits

Zinc is important element required for the production of proteins as it assists in regulating RNA production

Promotes the synthesis of Auxin, an important plant growth hormone influencing the development of new root and shoot tips

Encourages new plant development and vigour whilst encouraging greener growth through Magnesium

## The Importance of Boron

Boron is vital for flower production and pollination by improving pollen germination and fertilization. Boron also greatly assists in the production and movement of sugars and carbohydrates which are essential for seed and fruit development.

## The Role of Zinc

Zinc is an activator which is necessary for enzyme and plant hormone function and metabolic reactions. Protein synthesis is affected by Zinc concentrations and is necessary for auxin development.

## The importance of Magnesium

Magnesium is a multi - functional element mainly utilized in the production of chlorophyll and hence improves the photosynthetic capacity of plants.

## The Role of Amino Acids

Organically derived L-amino acids promote the bioavailability of nutrients to the plant, enhance plant resistance and recovery to stresses and provide physiological balance.



# TRANSIT B ZN & MG (LIQUID)

Physical Properties - pH:5.76-6.36, Specific Gravity: 1.04-1.14  
Analysis W/V%: 6.10% Boron, 0.78% Zinc, 0.6% Magnesium,  
1.93 % Nitrogen (Amino Acid derived)

## Application Guide

Crop	Foliar	Fertigation	Comments
<b>Broadacre and Row Crops:</b> Wheat, Barley, Canola, Cotton, Maize, Rice, Sorghum, Triticale, Pasture, Field Peas, Broad Beans, Lentils, Chickpeas	1-2L/ha	N/A	Apply as required or when deficiencies are present.
<b>Tree Crops - Deciduous:</b> Almond, Stone fruit, Pome fruit, Pistachio, Walnut, Hazelnut	2-5L/ha	8-12L/ha	Apply as required when deficiencies present and apply as required.
<b>Tree Crops - Evergreen:</b> Avocado, Citrus, Macadamia, Lychee, Mango, Olives	2-5L/ha	8-12L/ha	Apply as required when deficiencies present and apply as required.
<b>Fruiting Vegetables:</b> Tomatoes, Capsicum, Cucurbits, Eggplant	2-5L/ha	8-12L/ha	Apply as required when deficiencies present and apply as required.
<b>Leafy Vegetables:</b> Lettuce, Broccoli, Cabbage, Cauliflower, Kale, Herbs	2-5L/ha	8-12L/ha	Apply as required when deficiencies present and apply as required.
<b>Root Vegetables:</b> Potato, Sweet Potato, Carrot, Beetroot, Leek, Onion, Radish	2-5L/ha	4-12L/ha	Apply as required when deficiencies present and apply as required.
<b>Vine and Berry Crops:</b> Wine and Table Grapes, Blueberry	2-5L/ha	8-12L/ha	Apply at early shoot develop- ment and the pre-flowering and post-fruit set.



FERTIGATION



FOLIAR

Disclaimer: Please be aware that fertilizer can burn and or damage crops and pasture. Visible nutrient deficiency symptoms, analytical results and nutrient removals are the most commonly used criteria to determine the appropriate application rate. There are a number of factors including (but not limited to) weather, soil conditions, application methods, irrigation and management practices which are beyond the control of Dual Chelate Fertilizer and cannot be foreseen. Therefore, Dual Chelate Fertilizer accepts no responsibility what so ever for any damage, loss or other consequences following the use of this guide or product.