

Unleash plant potential with a combination of responsive key trace elements



Maximise Zn-Cu-B-MoTM

Product Code: SNPK0091

- Fully chelated zinc and copper together with boron and molybdenum in complex forms allows high plant-availability, very low phytotoxicity risk and a broad range of ag-chem compatibility.
- Conveniently supplies four key micronutrients in one product that are often found to be deficient, marginal and plant responsive through in crop application, improving plant health, yield potential and crop quality.
- Supplies key nutrients that are of critical importance in the lead up to the reproductive growth stage. Research has found a responsive synergy between boron, zinc and molybdenum at pollination in certain crops.
- Zinc and copper in a commonly desirable 4:1 ratio suitable for a variety of crops.

Copper's function in the plant

- Activates certain enzymes in plants involved in lignin synthesis.
- Essential in several enzyme systems.
- Essential in the process of photosynthesis, plant respiration and assists in plant metabolism of carbohydrates and proteins.

Zinc's function in the plant

- Activates enzymes that are responsible for the synthesis of certain proteins.
- Used in the formation of chlorophyll and some carbohydrates and conversion of starches to sugars.
- Its presence in plant tissue helps the plant to withstand cold temperatures.

Boron's function in the plant

- Important in pollination and seed reproduction.
- Maintaining a balance between sugar and starch.
- Essential for proper cell wall formation.
- Plays a vital role in the proper function of cell membranes and the transport of potassium to guard cells for the control of internal water balance.

Molybdenum's function in the plant

- Functions in converting nitrates (NO₃) into amino acids within the plant.
- Essential to the symbiotic nitrogen-fixing bacteria in legumes.
- Essential to the conversion of inorganic phosphorus into organic form.

Guaranteed Analysis (w/v)

| | |
|---------------------|------------|
| Nitrogen (N) | 2.5% |
| N as ammonium | 2.0% |
| Zinc (Zn) | 4.7% |
| Copper (Cu) | 1.2% |
| Molybdenum (Mo) | 0.5% |
| Boron (B) | 1.2% |
| Specific Gravity | 1.206 kg/L |
| pH | 7.5 - 8.5 |
| Chelation Mechanism | EDTA |

Typical Application Rates

Foliar:

1.25 - 6.25 L/ha
Horticulture use 200 to 2,000 L/ha water
Broadacre use at least 100 L/ha water

Foliar (Tree Crops):

5 - 10 L/ha
Horticulture use 200 to 2,000 L/ha water

Fertigation:

5 - 12.5 L/ha



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Maximise Zn-Cu-B-Mo[®] Recommended Application Rates

| CROP | | RATE / ha | MINIMUM DILUTION | NOTES | |
|--------------|------------------|--------------|------------------|---|----------------------------|
| FIELD CROPS | | | | | |
| Cereals | Foliar | 1.25 - 5 L | 1:40 | Apply to actively growing plants when sufficient leaf area exists to spray. Repeat as necessary. Apply between mid-late tillering to flag leaf emergence (fle) stage. After fle, apply a maximum of 1.0 L/ha with a minimum of 75 L water dilution. | |
| | Canola | | | Foliar | Apply at 4 - 8 leaf stage. |
| | Legumes | | | Foliar | Apply prior to pod set. |
| VEGETABLES | Foliar | 2.5 - 5 L | 1:100 | Apply when adequate leaf area is present before flowering. | |
| | Fertigation | 7.5 - 12 L | 1:100 | | |
| ONIONS | Foliar | 2.5 L | 1:100 | Apply at 2-3 leaf stage. | |
| | Fertigation | 5 L | 1:100 | Apply at bulb formation. | |
| GRAPES/VINES | Foliar | 1.25 - 2.5 L | 1:100 | Apply when a deficiency exists. | |
| | Fertigation | 5 - 7.5 L | 1:100 | | |
| POTATOES | Foliar | 4 - 6.25 L | 1:100 | Apply from row cover until petal drop as required. | |
| | Fertigation | 10 - 12.5 L | 1:100 | | |
| STONE FRUIT | Fertigation only | 7.5 - 12.5 L | 1:100 | Apply pre-flowering or at recently hardened flush. Do not apply as a foliar application. | |
| POME FRUIT | Fertigation only | 7.5 - 12.5 L | 1:100 | 10 - 14 day applications during growing season as required, subject to leaf analysis results. | |
| STRAWBERRIES | Foliar | 1.25 - 5 L | 1:100 | Apply 3-4 weeks after transplanting. | |
| | Fertigation | | | Repeat at fruit development. | |

Note: Only mix this product in dilution with NPK fertilisers. Do not store the mixed solution.

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FERTILIZERS

- ✓ **Quality**
- ✓ **Investment**
- ✓ **Service**

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