Unleash plant potential with a combination of responsive key trace elements

SL TEC FERTILIZERS

Maximise Z-C-B-Mo™

Product Code: SNPKCB79

- Fully chelated zinc and copper together with boron and molybdenum in complexed 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.
- It's 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 (NO_3) 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:

2 to 15 L/ha

Horticulture use 200 to 2,000 L/ha water

Broadacre use at least 100 L/ha water

Fertigation:

10 to 80 L/ha

Contact:
T: 1800 768 224
E: enquiries@sltec.com.au
www.sltec.com.au

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Maximise Z-C-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 fertilizers. Do not store the mixed solution.

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- ✓ Quality
- ✓ Investment
- ✓ Service

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