

# BOOSTER ZINC MOLY

*NPKS 0-0-4-0, 3.5% Zinc, 2.4% Molybdenum*



Natural organic extract of auxins & cytokinins, fortified EDTA chelated zinc & molybdenum for accelerating root development and improving plant health

## BENEFITS OF BOOSTER ZINC MOLY

- From a single species kelp this robustly chelated edta zinc and moly promotes larger more vigorous root systems, leading to greater plant growth.
- Supplies critical precursors to auxin production.
- Ideal for stimulating early growth in all crops.
- Natural plant hormones encourage strong cell development, slow senescence and help crops recover from stress situations.
- Improved plant health enhances resistance to nematodes & other pest and fungal diseases.
- Highly compatible with most phosphate based fertilisers and agricultural chemicals.
- Can be applied as seed treatments: infurrow, Fertigation: foliar and hydroponics.
- Booster Zinc Moly contains a natural botanical extract containing high auxin and cytokinin ration favouring root growth follow by shoot growth.

## WHAT IS IN BOOSTER ZINC MOLY?

The addition of zinc works synergistically with the seaweed extract in production of auxin-based plant growth hormones. When Booster Zinc Moly is used as a seed dressing or in the early growth stages of a crop the supplementation of natural growth hormones helps the plant to produce extra adventitious roots, thus speeding up seedling establishment and growth rate. Additional molybdenum helps the plant to better utilize supplied nitrogen.

## THE ROLE OF MOLYBDENUM

Molybdenum is essential for the chemical changes involved with nitrogen assimilation; ie the conversion of nitrate to ammonium inside the plant. It is therefore important for chlorophyll and enzyme formation.

## THE ROLE OF ZINC

Zinc forms part of an enzyme which produces carbon dioxide and maintains CO<sub>2</sub> levels for photosynthesis. Zinc also plays a beneficial role in hormone production.

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**CHARACTERISTICS:** pH: 5.5 – 6.5; Specific Gravity: 1.16 – 1.20

**AUS Analysis W/W%:** 30% Botanical extract, 4.1% K, 2.4% Mo, 3.5% Zn.

**International Analysis W/W%:** 25.8% Botanical extract, 4.0% (K<sub>2</sub>O), 2.0% Mo, 2.0% Zn.

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## APPLICATION

**BROADACRE:** Such as Barley, Canola, Cotton, Grain legumes, Maize, Oats, Rice, Sorghum, Triticale, Wheat & Pasture crops. **Foliar: 1 – 2 L/ha** in a minimum of 50 – 100L final spray volume. **Seed Dressing: 1 -3L/tonne Seed** (Seed dressing). Apply once at 3 - 5 leaf stage or in early growth stages and repeat 4 – 5 weeks later, to correct trace element deficiencies, aid root production and ensure nitrogen utilisation. Use in combination with Activist® Zinc or Activist® Max Zinc.

**DECIDUOUS TREE CROPS:** Such as Apple, Almond, Cherry, Nectarine, Peach, Pear, Pistachio and Walnut. **Foliar: 1 – 3L/ha** in a minimum of 200 – 400L final spray volume. **Fertigation: 3 - 4 L/ha**, 1 - 2 mL / plant. Apply at early spur burst, complete petal fall and post blossom as required. Dilute in 1 - 2 L water, soak soil around plant at transplanting. **DO NOT apply as foliar on high chill stone fruit varieties.**

**EVERGREEN TREE CROPS:** Such as Avocado, Citrus, Macadamia, Lychee. **Foliar: 2 – 5L/ha** in a minimum of 200 – 500L final spray volume. **Fertigation: 3 - 7 L/ha**, 1 - 2 mL / plant. Apply at early vegetative stages to correct trace element deficiencies. Dilute in 1 - 2 L water, soak soil around plant at transplanting.

**FRUITING VEGETABLES:** Such as Capsicum, Cucurbits, Eggplant, Tomatoes (field), Watermelons, Pumpkins. **Foliar: 2 – 5L/ha** in a minimum of 200 – 500L final spray volume. **Fertigation: 3 - 4 L/ha**, 0.3 -0.5 ml/plant. Foliar apply at 3 leaf stage to stimulate root growth and then at 3 – 4 week intervals during active growing season. Dip transplants (bottom third, including roots) immediately before transplanting.

**LEAFY VEGETABLES:** Such as Endive, Fennel Lettuce, Broccoli, Cabbage, Cauliflower, Kale and Herbs. **Foliar: 2 – 5L/ha** in a minimum of 200 – 500L final spray volume. **Fertigation: 3 - 4 L/ha**, 0.3ml/plant. Foliar apply at 3 leaf stage to stimulate root growth and then at 3 – 4 week intervals during active growing season. Dip transplants (bottom third, including roots) immediately before transplanting.

**ROOT VEGETABLES:** Such as Beetroot, Carrot, Leek, Onion, Potato, Radish, Sweet Potato. **Foliar: 2 – 5L/ha** in a minimum of 200 – 500L final spray volume. **Fertigation: 3 - 4 L/ha**, 0.3ml/plant. Foliar apply at 3 leaf stage to stimulate root growth and then at 3 – 4 week intervals during active growing season. Dip transplants (bottom third, including roots) immediately before transplanting.

**VINE and BERRY CROPS:** Such as Blueberry, Strawberry, Raspberry, Wine and Table Grapes. **Foliar: 2 – 3L/ha** in a minimum of 200 – 300L final spray volume. **Fertigation: 3 - 5 L/ha**, 0.3ml/plant. Apply at full bloom and repeat after 21 days. Apply through drippers at bud swell and repeat at flowering. Dip transplants (bottom third, including roots) immediately before transplanting.

Fertigation rates are dependent on seasonal nutrient demand.

Agitate contents well prior to application.

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NOTE: The suggested rates of application of the Product are designed for typical Australian conditions and should be used as a guide only. Each farmer's climatic conditions, water quality, soil types, application processes and practices may differ and therefore necessitate corrections to ensure optimum results. Good agricultural practice requires that application be avoided under extreme weather conditions such as temperatures over 28°C, high humidity, frost, rain etc. It is recommended that when applying to a crop or area for the first time, or in combination with other chemicals, a small test area should be sprayed and observed prior to the total spray. Where possible, it is recommended that regular leaf tests are conducted to determine actual plant nutrient availability during each growth cycle. Soil tests at least once per year are essential.