

SUPA ZINC®

Zinc EDTA 7.5%



100% chelated EDTA formulation for the correction of zinc deficiencies & maintenance of growth in horticultural and Broadacre crops

BENEFITS OF SUPA ZINC®

- Fully chelated to ensure maximum availability of nutrients.
- Highly stable chelate form, being stable in the presence of phosphate & a range of pH's in either soils or spray solutions.
- High stability means that nutrients do not get “locked up” meaning more nutrients are available to your crop.
- Efficiently transporting zinc through plant cell walls.
- Rapid uptake occurs whether applied by fertigation or as a foliar.
- Sodium free

THE ROLE OF ZINC

Zinc forms part of an enzyme which produces carbon dioxide and maintains CO₂ levels for photosynthesis. Zinc also plays a beneficial role in hormone production.

WHAT IS THE BENEFIT OF A CHELATE?

A chelate is a structure which has ligands (fingers) that wrap around the individual trace element protecting it from chemical attack, decomposition and the influence of pH. The result of this protection is increased availability, solubility and stability so no lock-up occurs in the soil or spray tank mix.

The EDTA complex is unique as it has six ligand sites for chelation. This means the stability of these complexes across the trace element spectrum is extremely high under influences such as pH, temperature and decomposition.

SUPA ZINC is a sodium free EDTA chelate that cannot be substituted by powdered EDTA as it is a different formulation. Supa Zinc can be easily mixed with SUPA-APP, MAXI FRUIT and other phosphorus containing products.

SUPA ZINC®

CHARACTERISTICS: pH: 6.5 – 7.5 ; Specific Gravity: 1.25 – 1.27

AUS Analysis W/W%: 7.5% Zn.

International Analysis W/W%: 6.0% Zn.

APPLICATION

BROADACRE: Such as Barley, Canola, Cotton, Grain legumes, Maize, Oats, Rice, Sorghum, Triticale, Wheat & Pasture crops. **Foliar at 2 – 4 L/ha** in a minimum of 20 – 40L final spray volume. Apply 4 – 6 weeks post crop establishment & as required up to 20 weeks post crop establishment.

DECIDUOUS TREE CROPS: Such as Apple, Almond, Cherry, Nectarine, Peach, Pear, Pistachio and Walnut. **Foliar at 1 -2 L/ha** in a minimum of 100 - 200L final spray volume. **Fertigation at 2 – 3 L/ha.** **DO NOT** apply as foliar to Stone fruit at any point during growing season.

EVERGREEN TREE CROPS: Such as Avocado, Citrus, Macadamia, Lychee. **Foliar at 1 -2 L/ha** in a minimum of 100 - 200L final spray volume. **Fertigation at 4 – 10 L/ha.** Apply at newly hardened flushes to correct trace element deficiencies.

FRUITING VEGETABLES: Such as Capsicum, Cucurbits, Eggplant, Tomatoes (field), Watermelons, Pumpkins. **Foliar at 2 – 3 L/ha** in a minimum of 200 - 300L final spray volume. **Fertigation at 4 – 8 L/ha.** Apply at early vegetative stages to correct trace element deficiencies. Hydroponics: 0.2 – 0.5L/ha into tanks A or B at 1:500 dilution factor.

LEAFY VEGETABLES: Such as Endive, Fennel Lettuce, Broccoli, Cabbage, Cauliflower, Kale and Herbs. **Foliar at 2 – 3 L/ha** in a minimum of 200 - 300L final spray volume. **Fertigation at 4 – 8 L/ha.** Apply at early vegetative stages to correct trace element deficiencies.

ROOT VEGETABLES: Such as Beetroot, Carrot, Leek, Onion, Potato, Radish, Sweet Potato. **Foliar at 2 – 3 L/ha** in a minimum of 200 - 300L final spray volume. **Fertigation at 4 – 8 L/ha.** Apply at 2 – 3 leaf stage & repeat at early bulb/tuber formation in conjunction with SUPA STIK OIL at 200ml / 100L water. Best applied with Kelpak to aid in root growth and sizing.

VINE and BERRY CROPS: Such as Blueberry, Strawberry, Raspberry, Wine and Table Grapes. **Foliar at 3 - 4 L/ha** in a minimum of 300 - 400L final spray volume. **Fertigation at 3 – 4 L/ha.** Apply on an as required basis. Use lower rate when using high foliar water volumes & the higher rate when using low water volumes per ha. **DO NOT exceed maximum ha foliar rate.**

Fertigation rates are dependent on seasonal nutrient demand. Hydroponics 0.2 – 0.5L/ha into tanks A or B at 1:500 dilution factor. 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.