

SUPA COPPER™

5.2% Copper EDTA

For the correction of copper deficiencies and maintenance in horticultural and broadacre crops

BENEFITS OF SUPA COPPER™

- Corrects copper deficiency & maintains grow in plants.
- Fully EDTA chelated formulation.
- Activator of several enzymes in plants.
- Plays a key role in vitamin A production.
- Clean, easy handling by pumping – no other equipment necessary.
- 100% soluble and available nutrients.
- Can be tank mixed with phosphate based fertiliser and pesticides.

THE IMPORTANCE OF COPPER

Copper is crucial to several enzyme systems and cannot be replaced by any other metal ion. It is involved in cell wall formation, electron transport and oxidation reactions. Copper also affects the formation and chemical composition of cell walls which in turn affects lignification. Copper plays a key role in Vitamin A 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 chelate is robust as it has six ligand sites for optimal 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 COPPER™

CHARACTERISTICS: pH: 7.5 – 8.5; Specific Gravity: 1.15 – 1.20

AUS Analysis W/W%: 5.2% Cu.

International Analysis W/W%: 4.4% Cu.

APPLICATION

BROADACRE: Such as Barley, Canola, Cotton, Grain legumes, Maize, Oats, Rice, Sorghum, Triticale, Wheat & Pasture crops. **Foliar at 2 – 3 L/ha** in a minimum of 60 – 90L final spray volume. Apply at early vegetative stages to correct copper deficiencies or add copper for crop maintenance.

DECIDUOUS TREE CROPS: Such as Apple, Almond, Cherry, Nectarine, Peach, Pear, Pistachio and Walnut. **Foliar at 1 - 2 L/ha** in a minimum of 200 - 400L final spray volume. **Fertigation at 2 – 3 L/ha.** **NO foliar applications 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 200 - 400L final spray volume. **Fertigation at 2 – 3 L/ha.** Apply at early vegetative stages to correct trace element deficiencies.

FRUITING VEGETABLES: Such as Capsicum, Cucurbits, Eggplant, Tomatoes (field), Watermelons, Pumpkins. **Foliar at 2 – 3 L** in a minimum of 400 - 600L final spray volume. **Fertigation at 2 – 3 L/ha.** Apply at early vegetative stages to correct trace element deficiencies.

LEAFY VEGETABLES: Such as Endive, Fennel Lettuce, Broccoli, Cabbage, Cauliflower, Kale and Herbs. **Foliar at 2 – 3 L/ha** in a minimum of 400 - 600L final spray volume. **Fertigation at 2 – 3 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 400 - 600L final spray volume. **Fertigation at 2 – 3 L/ha.** Apply at 2 – 3 leaf stage & repeat at early bulb/tuber formation in conjunction with SUPA STIK OIL at 200ml / 100L water.

VINE and BERRY CROPS: Such as Blueberry, Strawberry, Raspberry, Wine and Table Grapes. **Fertigation at 1 - 2 L/ha** in a minimum of 200 - 400L final spray volume. **Fertigation at 2 – 3 L/ha.** Apply at early vegetative stages to correct trace element deficiencies.

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.