SUPA AGRI MIX

NPKS 0-0-0-3 + Trace Elements

Specially formulated EDTA + Multi Ligand chelates of essential trace elements for their efficient delivery through fertigation

BENEFITS OF SUPA AGRI MIX

- Both EDTA and citrate chelates are biodegradable and easily recognized by plant roots
- Ideal for foliar and fertigation applications with rapid rainfast properties
- Releases micronutrient from the citrate molecule into the leaf tissue
- Can be co-applied with phosphate fertilisers
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THE IMPORTANCE OF TRACE ELEMENTS

Zinc forms an enzyme, which maintains CO_2 levels for photosynthesis. Zinc plays an important role in production of auxins.

Copper is an activator of several enzymes in plants and it plays a key role in Vitamin A production.

Manganese is an enzyme activator which helps with nitrate assimilation. It is primarily involved with photosynthesis and chlorophyll production.

Iron is required to produce chlorophyll and to activate several enzymes, especially those involved in the oxidation / reduction processes of photosynthesis and respiration. Iron deficiency is a worldwide problem in crop production on calcareous soils and is the major factor responsible for lime- induced chlorosis.

Boron is needed for sugar movement within the plant, as well as formation of new cells at growing points. Boron also affects pollination and seed development.

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SUPA AGRI MIX

CHARACTERISTICS: pH: 8.5 – 9.5; Specific Gravity: 1.25 – 1.27

AUS Analysis W/V%: 2.9% S, 0.75% Zn, 1.5% Cu, 2.3% Fe, 1.5% Mn, 0.05% Mo, 0.75% B.
International Analysis W/W%: 2.3% S, 0.6% Zn, 1.2% Cu, 1.8% Fe, 1.2% Mn, 0.04% Mo, 0.6% B.

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 100 - 150 L final spray volume. * Best applied at 3 – 4 true leaf, may be used at other growth stages. Use low rate for low density crops (140 – 160 plants m^2) & higher rate for high yielding crops. Apply in 50 – 80 L of water / ha. Use higher dilutions in temperatures > 28°C. Apply prior to flowering in Canola. *Aerial application: use maximum practicable water rates.

DECIDUOUS TREE CROPS: Such as Apple, Almond, Cherry, Nectarine, Peach, Pear, Pistachio and Walnut. **Foliar at 2 – 4 L/ha** in a minimum of 100 - 200L final spray volume. **Fertigation at 4 – 8 L/ha.** Apply to newly hardened spring flush or during active growing period and post-harvest. **DO NOT apply to Stone fruit in season as phytotoxicity will occur**. Dormancy spray only.

EVERGREEN TREE CROPS: Such as Avocado, Citrus, Macadamia, Lychee. **Foliar at 2 – 4 L/ha** in a minimum of 100 - 200L final spray volume. **Fertigation at 4 – 8 L/ha.** Apply to newly hardened spring flush or during active growing period and post-harvest. **DO NOT apply to fruit with copper residues**.

FRUITING VEGETABLES: Such as Capsicum, Cucurbits, Eggplant, Tomatoes, Watermelons, Pumpkins. **Foliar at 2 – 4 L/ha** in a minimum of 100 - 200L final spray volume. **Fertigation at 4 – 8 L/ha.** Apply as required to maintain trace element levels. Typically at 14 – 21 day intervals. Fertigate regularly to replenish nutrients.

LEAFY VEGETABLES: Such as Endive, Fennel Lettuce, Broccoli, Cabbage, Cauliflower, Kale and Herbs. **Foliar at 2 – 4 L/ha** in a minimum of 100 - 200L final spray volume. **Fertigation at 4 – 8 L/ha.** Apply as required to maintain trace element levels. Apply with compatible crop protection sprays.

ROOT VEGETABLES: Such as Beetroot, Carrot, Leek, Onion, Potato, Radish, Sweet Potato. **Foliar at 2 – 4 L/ha** in a minimum of 100 - 200L final spray volume. **Fertigation at 4 – 8 L/ha.** Apply as required to maintain trace element levels. Apply with compatible crop protection sprays.

VINE and BERRY CROPS: Such as Blueberry, Strawberry, Raspberry, Wine and Table Grapes. **Foliar at 2 – 4 L/ha** in a minimum of 500 - 1000L final spray volume. **Fertigation at 5 – 8 L/ha.** 1st application: shoots 10cm long 2nd application: <5% flowering. **DO NOT exceed 1 x concentration. DO NOT exceed maximum per hectare rate.** Minimum water rate of 200L per hectare.

Fertigation rates are dependent on seasonal nutrient demand. Agitate contents well prior to application *Aerial applications: use maximum practical water rates. Note when applying in alkaline conditions (water or soil) ensure product to water ration is 1:100

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.