

# SUPA K30®



**NPKS 0-0-30-0**



Readily available potassium in a citrate form for immediate uptake, ideal for fruit filling and ripening.

## BENEFITS OF SUPA K30®

- Ideal high analysis potassium source for both soil & foliar applications, with rapid rain fast properties when applied to foliage.
- Potassium form is rapidly absorbed and utilised to improve fruit quality and maturity.
- Citrate is quickly converted into carbohydrates into soluble sugars, which assists in ripening, maturity and disease resistance of fruit and vegetables.
- High quality potassium suitable for organic production systems
- Low salt index potassium source

## THE IMPORTANCE OF SUPA K30®

Supa K30 is 30% liquid potassium in a citrate form. Potassium in this form provides a major advantage over inorganic salts such as muriate of potash and potassium sulphate. The citrate molecule (which is found in all plants) is immediately recognised and assimilated by the plant, then quickly converted to carbohydrates which helps ripen, build sugars and firm fruit and vegetables.

## THE IMPORTANCE OF POTASSIUM

Potassium optimises water use efficiency and is the key nutrient to improve crop photosynthesis and sugar production in fruits. Potassium is very important in fruit bearing plants. Potassium regulates the electrolytes and turgidity of plant cells. Potassium occurs in the guard cells of the stomata and is therefore essential in respiration and transpiration. Potassium is required at all growth stages and a lack of potassium cannot be rectified with late applications.

# SUPA K30<sup>®</sup>

**CHARACTERISTICS:** pH: 8.0 – 9.0 ; Specific Gravity: 1.45 – 1.47

AUS Analysis W/W%: 30% K.

International Analysis W/W%: 24.7% (K<sub>2</sub>O).

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## APPLICATION

**BROADACRE:** Such as Barley, Canola, Cotton, Grain legumes, Maize, Oats, Rice, Sorghum, Triticale, Wheat & Pasture crops. **Foliar of 3 – 6 L/ha** in a minimum of 300 – 600L final spray volume. Apply from mid tillering or late cabbage stage or as required. For cotton: Apply from first flowering until 2 weeks before harvest. Assists in delaying leaf senescence.

**DECIDUOUS TREE CROPS:** Such as Apple, Almond, Cherry, Nectarine, Peach, Pear, Pistachio and Walnut. Foliar of 2 – 5L/ha in a minimum of 400 – 1000L final spray volume. **Fertigation at 10 – 15 L/ha.** Apply with compatible crop protection sprays. Fertigation as required. **DO NOT apply to stone fruit foliage.** Best applied via fertigation or post-harvest to increase potassium levels.

**EVERGREEN TREE CROPS:** Such as Avocado, Citrus, Macadamia, Lychee. Foliar of 2 – 4L/ha in a minimum of 300 – 600L final spray volume. **Fertigation at 10 – 20 L/ha.** Apply to recently hardened spring flush or during active growing period, fruit fill and post-harvest. Apply with compatible orchard sprays during fruit fill and ripening to accelerate fruit maturity. **DO NOT apply to crops containing copper residue from fertiliser and pesticides.**

**FRUITING VEGETABLES:** Such as Capsicum, Cucurbits, Eggplant, Tomatoes (field), Watermelons, Pumpkins. Foliar of 3 – 5L/ha in a minimum of 300 – 500L final spray volume. **Fertigation at 15 – 30 L/ha.** 1st application prior to flowering repeated at 14 day intervals during filling and ripening. **DO NOT apply to crops containing copper residue from fertiliser and pesticides.**

**LEAFY VEGETABLES:** Such as Endive, Fennel Lettuce, Broccoli, Cabbage, Cauliflower, Kale and Herbs. Foliar of 3 – 5L/ha in a minimum of 300 – 500L final spray volume. **Fertigation at 5 – 10 L/ha.** Foliar spray 10 – 14 days post-transplant. Repeat at 7 – 14 day intervals, dependent on severity of deficiency. **DO NOT apply to crops containing copper residue from fertiliser and pesticides.**

**ROOT VEGETABLES:** Such as Beetroot, Carrot, Leek, Onion, Potato, Radish, Sweet Potato. Foliar of 3 – 5L/ha in a minimum of 450 – 750L final spray volume. **Fertigation at 15 – 30 L/ha.** Apply as required to supply potassium TO AID MATURITY. Apply 2 sprays 14 days apart on onions during bulb formation. For Potatoes: Apply at planting and then from hooking until harvest. **DO NOT apply to crops containing copper residue from fertiliser and pesticides.**

**VINE and BERRY CROPS:** Such as Blueberry, Strawberry, Raspberry, Wine and Table Grapes. **Foliar of 2 – 4L/ha** in a minimum of 200 – 400L final spray volume. **Fertigation at 15 – 20 L/ha.** Apply as required. **DO NOT exceed 1x concentration or per hectare rate.** Care should be taken when applying to grapes. When applied under certain conditions, Supa K 30 may disturb the bloom - always test-spray a small area and observe prior to total area application.

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.