



agrichem



SUPATM K30

30% POTASSIUM CITRATE plus trace elements

Readily available potassium in a citrate form for uptake at filling and ripening



Benefits of SUPA K 30TM

- ✓ Organic potassium for immediate uptake to improve plant strength
- ✓ Organic citrate is quickly converted into carbohydrates which ripen and improve quality and disease resistance of fruit and vegetables
- ✓ Completely plant available delivering the required amount of nutrient with low application rates
- ✓ High concentration reduces quantity of product needed and saves on packaging and freight costs
- ✓ Clear liquid formulation makes it easy to decant into spray equipment, mixing tanks and irrigation

Supa K 30 is 30% liquid potassium in an organic citrate (sugar) 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, then quickly converted to carbohydrates which ripen and firm fruit and vegetables.

THE ROLE OF POTASSIUM

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 also assists in cell division, protein and carbohydrate formation. Lack of potassium when the plant is young cannot be compensated for later.

DEFICIENCY SYMPTOMS

Scorched leaf edges are a characteristic of potassium deficiency. Burn will be brown to black. Poor yield and quality of product is usually evident before leaf symptoms.



Potassium deficiency in cotton

Product Characteristics

Specific Gravity: 1.45 Colour: Clear green/brown


Analysis	Australia (w/v%)	International (w/w%)
Potassium (K) as citrate	30.0	24.7
trace elements		

Directions for use

Agitate contents well before dilution. Suitable for application by:

 Aerial	 Foliar Spray	 Fertigation
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CROP	RATE / ha	MIN DILUTION*	COMMENTS
BANANAS Aerial	3 L	1:10	Use this rate when mixing SUPA K 30 with Dithane and Oil with a minimum 30 L of water / ha. A minimum of 2 applications should be applied prior to ripening. Apply SUPA K 30 on its own every 14 days with a minimum 2 applications prior to ripening. DO NOT apply product to young uncovered bananas, as some phytotoxicity may occur
Ground	5 - 7 L	1 : 50	
BRASSICAS Foliar Fertigation	7 - 10 L 15 - 20 L	1 : 100	Apply during late growth stages prior to harvest
CITRUS Foliar Fertigation	7 - 10 L 15 - 20 L	1:50	Apply with compatible orchard sprays during filling and ripening
COTTON Aerial Foliar	5 - 10 L 2 - 5 L 5 - 7 L	1 : 5 1 : 50 1 : 50	Assists in delaying leaf senescence. Apply from 4 - 6 leaf stage to first flower. Apply from first flower to peak flower onwards, especially where heavy / early boll set
CUCURBITS	7 - 10 L	1 : 50	Apply during filling and ripening stage
FIELD CROPS: chickpeas, legumes, oats, sunflowers, wheat	2 - 7 L	1 : 50	Apply as required or during peak vegetative growth to correct deficiency or to maintain potassium levels. In legumes apply during pod development
HORTICULTURE Foliar Fertigation	7 - 10 L 10 - 15 L	1 : 50	1st application prior to flowering repeated at 14 day intervals during filling and ripening. (If copper fungicides are being applied, apply prior to application of copper as burn may result on soft tissue)
PINEAPPLES	12 - 15 L	1 : 50	Apply with compatible spray program during fruit fill to enhance maturity
POTATOES	7 - 10 L	1 : 50	Apply during tuber fill
STRAWBERRIES Foliar Fertigation	7 - 10 L 10 - 15 L	1:50	1st application prior to flowering. Repeat at 14 day intervals during filling and ripening
TREE CROPS: Foliar Fertigation	7 - 10 L 10 - 15 L	1 : 50	Apply with compatible orchard sprays during fruit fill and ripening to accelerate fruit maturity. Do not apply to fruit containing copper residue as burn may result. Apply prior to application of copper
TURF	20 L 200ml / 100m ²	1 : 10	Apply to strengthen turf and add colour. Assists as frost guard and increases disease resistance
VEGETABLES Foliar Fertigation	7 - 10 L 15 - 20 L	1 : 50	Apply during filling and ripening stage; at heading stage on lettuce and leafy vegetables. Apply 2 sprays 14 days apart on onions during bulb formation
VINES: Table and wine grapes Foliar Fertigation	2 - 4 L or 0.2 - 0.7 / 100L 20L	1 : 200	Apply as required. Do not exceed 1x concentration or per hectare rate NOTE: 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

 MINIMUM DILUTION : A dilution of 1 : 100 means 1 part product : 100 parts water.
In hot weather, use the higher dilution rates.

AERIAL APPLICATION : Use maximum practicable water rates

WARNING : DO NOT apply SUPA K30 with copper or onto plants with copper residues



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