SUPA STAND PHOS®

NPKS 6-10-3-0 + Germination & Root Booster

An effective starter fertiliser for promoting root systems and plant growth

BENEFITS OF SUPA STAND PHOS®

- Develops larger, more vigorous root systems through a unique combination of plant hormones and NPK.
- Suitable for various applications to manage the first six – eight weeks of growth.
- Added organic matter to improve soil structure and increase nutrient uptake.
- Liquid formulation makes it easy to decant into spray equipment, mixing tanks and irrigation tanks.

GERMINATION BOOSTER

Supa Stand Phos contains critical natural plant hormones derived from a unique seaweed in a ratio which assists in the stimulation of seed germination and root growth. This ratio will work either as a pre plant dip, furrow injection or foliar spray.

THE IMPORTANCE OF NITROGEN, PHOSPHORUS & POTASSIUM

Nitrogen is the major building block in protein and chlorophyll. It is also essential for lipid and cytoplasm formation. Highly mobile in the plant, it is translocated and utilised in the growing tips.

Phosphorous assists in root development and energy production in plant cells to carry-out vital metabolic functions and nucleic acid biosynthesis. Phosphorus acts as a structural component of nucleic acids and phospholipids which form plant membranes. It is also important in cell division, photosynthesis, sugar and starch formation, energy transfer and movement of carbohydrates. Phosphorous deficiencies are very common in alkaline calcareous and acid soils, due to its binding with calcium in high pH soils and aluminium and iron in acid soils.

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.

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SUPA STAND PHOS®

CHARACTERISTICS: pH: 5.5 – 6.5 ; Specific Gravity: 1.24 – 1.26

AUS Analysis W/V%: 6.2% N, 22.7% P, 3.7% K, 0.98% S, 0.0002% Co, 0.003% Cu, 0.008 Fe, 0.015% Mn, 0.007% Mo, 0.64% Zn.
International Analysis W/W%: 5% N, 18.2% P (P_2O_5), 3% K (K_2O), 0.0001% Co, 0.002% Cu, 0.006% Fe, 0.011% Mn, 0.005% Mo, 0.51% Zn.

APPLICATION

BROADACRE: Such as Barley, Canola, Cotton, Grain legumes, Maize, Oats, Rice, Sorghum, Triticale, Wheat & Pasture crops. **Foliar: 4 – 7L/ha** in a minimum of 100 - 300 L final spray volume for Ground rigs. Cotton: Apply via water injection or furrow spray at planting or as a foliar from 4 - 6 leaf stage onwards. Sugar Cane: Apply at planting- Repeat 2-3 weeks later if required.

CUT FLOWERS & ORNAMENTALS OPEN FIELD: Such as Carnations, Gypsophilla, Roses & Statice. **Foliar: 5 – 10L/ha** in 1000L final spray volume. Soil drench at transplant or emergence. Repeat 7 - 10 days later. Use as a dip for seedlings – 1:100.

DECIDUOUS TREE CROPS: Such as Apple, Almond, Cherry, Nectarine, Peach, Pear, Pistachio and Walnut. **Foliar: 5 – 8L/ha** in a minimum of 750 – 1200L final spray volume. Apply 3 sprays, 1st 14 – 21 days post spur burst, 2nd post bloom 3rd 21 days post bloom. Note: **DO NOT** apply as a foliar to stone fruit during leaf growth. Can be applied Post harvest but before leaf drop.

EVERGREEN TREE CROPS: Such as Avocado, Citrus, Macadamia, Lychee. **Foliar: 5 – 10L/ha** in a minimum of 500 – 1000L final spray volume. Apply to juvenile trees at early establishment - repeat as required. Apply at monthly intervals during active growth period.

FRUITING VEGETABLES: Such as Capsicum, Cucurbits, Eggplant, Tomatoes (field), Watermelons, Pumpkins. **Foliar: 5 – 10L/ha** in a minimum of 500 – 1000L final spray volume. Apply at emergence or to transplant - repeat at 7 - 10 day intervals as required. Use as a dip for seedlings – 1:100.

LEAFY VEGETABLES: Such as Endive, Fennel Lettuce, Broccoli, Cabbage, Cauliflower, Kale and Herbs. **Foliar: 5 – 10L/ha** in a minimum of 500 – 1000L final spray volume. Soil drench at transplant or emergence. Repeat 7 - 10 days later. Use as a dip for seedlings – 1:100.

ROOT VEGETABLES: Such as Beetroot, Carrot, Leek, Onion, Potato, Radish, Sweet Potato. **Foliar: 8 – 12L/ha** in a minimum of 800 – 1200L final spray volume. Seed piece dip: 1:3. Apply 1 week after planting - repeat 7 - 10 days later. Use as a dip for seedlings – 1:100. Dip seed potatoes before planting for approximately 5 minutes.

VINE and BERRY CROPS: Such as Blueberry, Strawberry, Raspberry, Wine and Table Grapes. **Foliar: 2.5 – 5L/ha** in a minimum of 1000 – 1600L final spray volume. Apply at 14 day intervals as required. **DO NOT** exceed 2x concentration or 2x hectare rate.

Fertigation rates are dependent on seasonal nutrient demand.

Agitate contents well prior to application.

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.