

SUPA STAND[®] PHOS TURFGRASS

6 - 10 - 3 NPK + 10% Kelpak

An effective starter fertiliser for promoting development of root systems and early turfgrass 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 specifically during and post renovation, and through the first six – eight weeks of growth
- ✓ The included phosphite form of phosphorus enhances plant immunity to disease pathogens that affect new roots
- ✓ Added organic matter to improve soil structure and increase nutrient uptake
- ✓ Free flowing formulation makes it easy to decant into spray equipment, mixing tanks and irrigation tanks

GERMINATION BOOSTER

Supa Stand Phos contains critical plant hormones (auxins and cytokinins) in a ratio which assists in the stimulation of turf seed germination and root growth.

THE ROLE OF NITROGEN

Nitrogen forms proteins and increases the yield of all crops. It is the essential building block of plant structure and is vital to plant growth but can be a limiting factor in uptake of other nutrients. Nitrogen is often leached from the soil therefore regular small applications will ensure efficient uptake without excessive losses.

THE ROLE OF PHOSPHORUS

Plants need phosphorus at all growth stages particularly in early growth stages. Phosphorus acts as a structural component of nucleic acids and phospholipids which form plant membranes. It is also important in root growth, cell division, photosynthesis, sugar and starch formation, energy transfer and movement of carbohydrates. Without phosphorus, turfgrass growth and health is limited due to low energy production.

THE ROLE OF POTASSIUM

Potassium is required by turfgrass in quantities second only to nitrogen, and therefore ensuring adequate levels is essential for maintaining healthy turfgrass. 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. Therefore it has a large role to play in increasing turfgrass stress tolerance and strength.

DEFICIENCY SYMPTOMS - PHOSPHORUS

- Purple older leaves
- Purple Stems
- Dark yellow leaf tips
- Low yield

Product Characteristics

Specific Gravity: 1.25 **Colour:** Brown suspension


Analysis	Australia (w/v%)	International (w/w%)
Nitrogen (N)	6.0	4.8
Phosphorus (P)	10.00	(P ₂ O ₅) 18.3
Potassium (K)	3.20	(K ₂ O) 3.1
Kelpak	10.00	8.0
Organic Extract	10.00	8.0
Trace elements		

Directions for use

Agitate contents well before dilution. Suitable for application by:

 <i>Foliar</i>	 <i>Fertigation</i>	 <i>Pre plant dip</i>	 <i>Furrow Injection</i>
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CROP	RATE / ha	MIN DILUTION*	COMMENTS
TURF	150-200 ml/ 100m ²	1 : 20	Apply at early germination or at green construction / renovatio

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

NOTE: The suggested rates of application are designed for typical Australian conditions and such 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 (sap) tests are conducted to determine actual plant nutrient availability during each growth cycle. Soil tests at least once per year are essential.



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