



agrichem



SUPA STAND[®] PHOS

NPK 6 – 10 – 3 + 10% Kelpak + trace elements

An effective starter fertiliser for promoting
development of root systems and early 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
- ✓ Clear (brown) liquid 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 seed germination and root growth. This ratio will work either as a pre plant dip, furrow injection or foliar spray.

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 is necessary for cell division and growth within the plant. Phosphorus is mobile within the plant and relatively immobile in soil.

THE ROLE OF POTASSIUM

Highly mobile in the plant, potassium regulates the turgidity of cell and is important in stomata control. Potassium also maintains cell division, formation of proteins, carbohydrates and fats. Deficiencies of potassium generally result in low yields of poor quality and burn of leaf tips and edges.

Photo References

1. *Nutrient Deficiencies and Toxicities in Plants* - APS Press CD
2. www.nrs.gcgill.ca
3. *Plant Nutrient Disorders 3: Vegetable Crops*, Weir and Cresswell



Nitrogen deficiency in turf - 1
**DEFICIENCY SYMPTOMS
-NITROGEN**

- Leaf yellowing
- Stunting
- Dieback
- Rosetting
- Small irregular leaves
- Reduced yield



Phosphorus deficiency in grapes - 2
- PHOSPHORUS

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



Potassium deficiency in cucumbers - 3
-POTASSIUM

- Scorched leaf edges
- Yield and quality of fruit is normally affected before leaf symptoms are evident


Product Characteristics

Specific Gravity: 1.25 Colour: Brown clear liquid


Analysis	Australia (w/v%)	International (w/w%)
Nitrogen (N)	6.2	5.0
Phosphorus (P)	9.9	(P ₂ O ₅) 18.2
Potassium (K)	3.1	(K ₂ O) 3.0
Kelpak	10.0	8.0
Organic Extract	10.0	8.0
Trace elements		

Directions for use

Agitate contents well before dilution. Suitable for application by:

 Foliar Spray	 Fertigation	 Pre Plant Dip	 Furrow Injection
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CROP	RATE / ha	MIN DILUTION*	COMMENTS
AVOCADOS	5 - 8 L	1 : 150	Apply to juvenile trees at early establishment - repeat as required
BANANAS - Seed piece dip	-	1 : 100	Apply over pieces at planting
BEANS	5 - 7 L	1 : 100	Apply at 2 leaf stage
CARROTS	8 - 10 L	1 : 100	Apply 2 - 4 days after sowing
CELERY, LETTUCE & BRASSICAS	5 - 7 L	1 : 100	Soil drench at transplant or emergence. Repeat 7 - 10 days later.
CITRUS	7 - 10 L	1 : 150	Apply to juvenile trees at early establishment - repeat as required
COTTON	5 - 7 L	1 : 50	Apply via water injection or furrow spray at planting or as a foliar from 4 - 6 leaf stage onwards
CUCURBITS	6 - 9 L	1 : 100	Apply at emergence or to transplant - repeat at 7 - 10 day intervals as required. Use as a dip for seedlings
CUT FLOWER Production Bulb	5 - 8 L 7 - 9 L	1 : 100 1 : 100	Apply at emergence or transplant Drench bulb at planting - repeat 2 weeks after emergence
ONIONS	5 - 7 L	1 : 100	Apply 1 week after emergence - repeat at 7 - 10 day intervals
POME / STONE FRUIT	5 - 7 L	1 : 150	Apply at transplant - repeat as required during establishment
POTATOES Foliar Seed piece dip	8 - 12 L	1 : 100 1 : 3	Apply 1 week after planting - repeat 7 - 10 days later Dip seed potatoes before planting for approx 5 minutes
SEEDLING - Production (punnet or tray)	0.5 ml / m ² table	1 : 150	Apply at seeding - repeat at 2 leaf stage & again 1-2 days prior to sale or transplant. A 1:100 solution can be applied to germinated seedlings around 2cm tall pre-transplanting
STRAWBERRIES	8 - 10 L	1 : 150	Apply at planting - repeat 7 - 10 days later
SUGAR CANE Billet spray Foliar	4 - 5 L 5 - 10 L	1 : 100 1 : 100	Apply at planting - repeat at 2 - 3 weeks if required
TOMATOES, CAPSICUM	8 - 10 L	1 : 150	Apply at transplant via fertigation or foliar spray
TURF	150-200 ml / 100m ²	1 : 20	Apply at early germination or at green construction / renovation
VINES: Table and wine grapes Foliar	2.5 - 4 L or 0.16 - 0.8 ml / 100 L	1 : 400	Apply at vine establishment, repeat once flowers visible. Do not exceed 3x concentration. Can be applied as seedling drench at 1:100 to enhance early establishment and growth

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

NOTE: The above suggested rates of application are designed for typical Australian conditions and as 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. 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 crop spray. Where possible, it is recommended that regular leaf (sap) tests are conducted to determine actual plant nutrient availability during each growing cycle. Soil tests at least once per year are essential.



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