



# PALM K



**DESCRIPTION:** A PROFESSIONAL 3 TO 4 MONTH ◊ CONTROLLED RELEASE NURSERY FERTILIZER SPECIFICALLY FORMULATED FOR PALMS WITH A 3:1:3 RATIO OF NITROGEN, PHOSPHATE AND POTASH WITH EXTRA MAGNESIUM AND A COMPLETE SET OF MICRONUTRIENTS.

**BENEFITS:**

- APEX® PALMK provides safe controlled release nitrogen from POLYON®.
- Most of the nitrogen is coated slow release for safe, predicable response.
- Release of nitrogen is not significantly affected by media type, moisture level, pH, or microbial activity.
- Includes an extensive package of minor elements.

**Soil / Media Temperature Release Rates**

- 10.0° C 5-6 Months
- 15.5° C 4-5 Months
- 21.0° C 3-4 Months ◊
- 26.5° C 2-3 Months

**APEX 12-1.7-9.9 PALM K**

**GUARANTEED ELEMENTAL ANALYSIS:**

TOTAL NITROGEN (N)**	12.00%
5.00% Ammoniacal Nitrogen	
7.00% Urea Nitrogen	
TOTAL PHOSPHORUS (P)**	1.70%
TOTAL POTASSIUM (K)**	9.90%
Magnesium (Mg)	3.00%
Sulphur (S)**	13.00%
Copper (Cu)	0.05%
Iron (Fe)	3.75%
Manganese (Mn)	0.20%
Molybdenum (Mo)	0.0006%
Zinc (Zn)	0.05%

Derived from Polymer-Coated Urea, Monoammonium Phosphate, Ammonium Sulphate, Sulphate of Potash, Sulphate of Potash-Magnesia, Iron Oxysulphate, Magnesium Carbonate, Magnesium Oxide, Magnesium Sulphate, Copper Oxide, Copper Sulphate, Ferric Oxide, Ferrous Sulphate, Manganese Oxide, Manganese Sulphate, Sodium Molybdate, Zinc Oxide and Zinc Sulphate.

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\*\*7.00% slowly available urea nitrogen from polymer-coated urea.

**APPLICATION RATES:**

Use LOW rate for low feeding, sensitive plants or under high soil temperatures.  
 Use MEDIUM rate for medium to moderately heavy feeding plants.  
 Use HIGH rate only for heavy feeding hardy plants.  
 These application rates are based on the average temperature at the fertilizer location of 21.0°C.  
 Increase fertilizer application rates by 20% if average monthly temperatures are lower than 15.5°C.  
 Lower application rates by 20% if average monthly temperatures are greater than 26.5°C.

**TOPDRESS CONTAINER:** Plant Nutrient Requirements / Uniformly apply (topdress) product onto the container surface using the amounts listed below:

DIAMETER (mm)	LOW	MEDIUM	HIGH
100mm	0.7 grams	1.4 grams	2.1 grams
125mm	1.5 grams	3.0 grams	4.5 grams
150mm	2.0 grams	4.0 grams	6.0 grams
175mm	4.0 grams	8.0 grams	12.0 grams
200mm	6.0 grams	12.0 grams	18.0 grams
250mm	13.0 grams	26.0 grams	39.0 grams
300mm	18.0 grams	36.0 grams	54.0 grams

**INCORPORATION:** Plant Nutrient Requirements / Uniformly mixed (incorporated) nursery fertilizer into potting media as follows:

Kilograms per cubic metre	LOW 2kg	MEDIUM 4 kg	HIGH 6kg
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**PLANTING BED:** Plant Nutrient Requirements (incorporate if possible or use lower rates) as follows:

Kilograms per 100 square metres	LOW 7kg	MEDIUM 14 kg	HIGH 21kg
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**APPLICATION PRECAUTIONS:**

- Trial before use of this product under your local growing conditions, application methods, and desired rates. Avoid application to plants under stress.
- If mixed media is not used within 1 week, leach thoroughly before using.
- Product left in media for more than 1 week will lose longevity resulting in reduced release time and wasted controlled release fertilizer.
- Avoid the use of media processing equipment that could change the integrity of Reactive Layer Coated.
- Avoid mounding of fertilizer against base of the plant.
- Iron and other plant nutrients can cause staining of cement.
- Keep away from pools, ponds and other bodies of water.
- When using potting media with higher cation exchange capacities use lower recommended rates of this formulation.
- When using supplemental liquid feed reduce the rate of this formulation accordingly.
- Do not incorporate into media prior to steam sterilisation.
- This product is not recommended for dibble applications.
- To avoid the build up of soluble salts, occasional leaching may be necessary.