



# NPK MAX 16-6-11



**DESCRIPTION:** A PROFESSIONAL 7 TO 8 MONTH  $\diamond$  CONTROLLED RELEASE NURSERY FERTILIZER IDEAL FOR ANNUALS, PERENNIALS, FOLIAGE PLANTS, GREENHOUSE CROPS AND OUTDOOR ORNAMENTALS. ALL OF THE PRIMARY NUTRIENTS, MAGNESIUM, SULPHUR AND MICRONUTRIENTS IN APEX 16-6-11 NPK MAX ARE COMBINED WITHIN EACH UNIFORM COATED PELLET, INSURING PRECISE DISTRIBUTION AND RELEASE.

**BENEFITS:**

- APEX® NPK MAX provides the improved safety of POLYON® Reactive Layers Coating (RLC) controlled release technology.
- Release of nutrients with POLYON® is predictable and reliable. The coating has been precisely applied to ensure the safety and effectiveness of each granule.
- Release of nutrients is not significantly affected by media type, moisture level, pH, or microbial activity.

**Soil / Media Temperature Release Rates**

- 10.0° C 11-12 Months
- 15.5° C 8-10 Months
- 21.0° C 7-8 Months  $\diamond$
- 26.5° C 5-6 Months

**APEX 16-2.6-9.1NPK MAX**

**GUARANTEED ELEMENTAL ANALYSIS:**

TOTAL NITROGEN (N)** .....	16.00%
8.80% Ammoniacal Nitrogen	
7.20% Nitrate Nitrogen	
TOTAL PHOSPHORUS (P)** .....	2.60%
TOTAL POTASSIUM (K)** .....	9.10%
Magnesium (Mg) .....	1.50%
Sulphur (S)** .....	6.00%
Copper (Cu) .....	0.05%
Iron (Fe) – Chelate Iron .....	0.40%
Manganese (Mn) .....	0.10%
Molybdenum (Mo) .....	0.02%
Zinc (Zn) .....	0.05%

Derived from Polymer-Coated Ammonium Nitrate, Polymer-Coated Ammonium Phosphate, Polymer-Coated Sulphate of Potash, Polymer-Coated Magnesium Sulphate, Polymer-Coated Copper Sulphate, Polymer-Coated Iron EDTA, Polymer-Coated Manganese Sulphate, Polymer-Coated Sodium Molybdate, and Polymer-Coated Zinc Sulphate.

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\*\*All nutrients have been polymer-coated to provide 16.00% coated slow release nitrogen (N), 2.60% coated slow release total phosphorus (P), 9.10% coated slow release total potassium (K), 1.50% coated slow release magnesium (Mg), 6.00% coated slow release sulphur (S), 0.05% coated slow release copper (Cu), 0.40% coated slow release iron (Fe), 0.10% coated slow release manganese (Mn), 0.02% coated slow release molybdenum (Mo), and 0.05% coated slow release zinc (Zn).

**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	1.0 grams	2.0 grams	3.0 grams
125mm	2.0 grams	4.5 grams	6.0 grams
150mm	3.0 grams	6.0 grams	8.0 grams
175mm	6.0 grams	12.0 grams	18.0 grams
200mm	9.0 grams	18.0 grams	27.0 grams
250mm	20.0 grams	40.0 grams	60.0 grams
300mm	25.0 grams	50.0 grams	75.0 grams

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

Kilograms per cubic metre	LOW 3 kg	MEDIUM 6 kg	HIGH 9 kg
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**PLANTING BED:** Plant Nutrient Requirements (incorporate if possible or use lower rates) as follows:

Kilograms per 100 square metres	LOW 10 kg	MEDIUM 20 kg	HIGH 30 kg
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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.