



16-2-9 NPK

WITH GAL-Xe ONE TECHNOLOGY

DESCRIPTION: UP TO 14 TO 15 MONTH ♦ PROFESSIONAL HOMOGENEOUS CONTROLLED RELEASE NURSERY FERTILIZER FOR WOODY ORNAMENTALS, FOLIAGE PLANTS, AND REFORESTATION CROPS. ALL OF THE NUTRIENTS IN APEX 16-2-9 NPK ARE COMBINED WITHIN EACH UNIFORM COATED PELLET, INSURING PRECISE DISTRIBUTION AND RELEASE.

GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)*	16.00%
8.50% Ammoniacal Nitrogen	
7.50% Nitrate Nitrogen	
TOTAL PHOSPHORUS (P)*	2.00%
TOTAL POTASSIUM (K)*	9.00%
Sulfur (S) *	4.00%

Derived from Homogeneous Polymer-Coated Ammonium Nitrate, Polymer-Coated Ammonium Phosphate, Polymer-Coated Calcium Phosphate, Polymer-Coated Ammonium Polyphosphate, and Polymer-Coated Sulfate of Potash.

*All nutrient sources in this product have been polymer-coated to provide coated slow release nutrients as 16.00% coated slow release nitrogen (N), 2.00% coated slow release total phosphorus (P), and 9.00% coated slow release total potassium (K), and 4.00% coated slow release sulfur (S).

BENEFITS:

- APEX® 16-2-9 NPK provides the improved safety with GAL-Xe ONE, Simplot's exclusive space age controlled release fertilizer technology.
- Release of nutrients with GAL-Xe ONE 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.

14 to 15 MONTH

SOIL/MEDIA TEMPERATURE RELEASE RATES
10.0 °C = 18-19 month
15.5 °C = 16-17 month
21.0 °C = 14-15 month ♦
26.5 °C = 12-13 month

APPLICATION RATES: (Call for rates on larger containers.)

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.

CONVERSION TABLE

DRY MEASURE	
Level Measure	Grams
1 teaspoon (tsp.)	3.7
1 tablespoon (tblsp.)	12.9
1/4 cup	49.6
1/2 cup	102.8

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

DIAMETER (mm)	LOW	MEDIUM	HIGH
100mm	2.5 g	4.0 g	5.5 g
125mm	6.0 g	8.0 g	10.0 g
150mm	9.0 g	13.0 g	17.0 g
175mm	16.0 g	24.0 g	32.0 g
200mm	24.0 g	36.0 g	48.0 g
250mm	50.0 g	80.0 g	110.0 g
300mm	70.0 g	105.0 g	140.0 g



INCORPORATION: Plant Nutrient Requirements / Uniformly mix (incorporate) nursery fertilizer into potting media as follows:

KILOGRAMS PER CUBIC METRES	LOW 8	MED 12	HIGH 16
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PLANTING BED: FIELD / Plant Nutrient Requirements (incorporate if possible or use lower rates) as follows:

KILOGRAMS PER 100 SQ. METRES	LOW 15	MED 30	HIGH 45
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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 one week, leach thoroughly before using.
- Product left in media for more than one 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 APEX
- Avoid mounding of fertilizer against base of plant.
- 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 sterilization.
- This product is not recommended for dibble applications.
- To avoid buildup of soluble salts, occasional leaching may be necessary.

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MFG. IN USA BY:



J.R. SIMPLOT COMPANY
PROFESSIONAL PRODUCTS P.O. BOX 198 LATHROP, CA 95330

NET WEIGHT 20 KILOGRAMS



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Item# AU20KG