THE ONE TO GROW WITH

19-2-9 NPK WITH GAL-Xe ONE TECHNOLOGY

DESCRIPTION: UP TO 7 TO 8 MONTH ◊ PROFESSIONAL HOMOGENEOUS CONTROLLED RELEASE NURSERY FERTILIZER FOR CONTAINER GROWN ORNAMENTAL TREES & SHRUBS. ALL OF THE NUTRIENTS IN APEX 19-2-9 NPK ARE COMBINED WITHIN EACH UNIFORM COATED PELLET, INSURING PRECISE DISTRIBUTION AND RELEASE.

GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)*	19.00%
10.10% Ammoniacal Nitrogen	
8.90% Nitrate Nitrogen	
TOTAL PHOSPHORUS (P)*	2.00%
TOTAL POTASSIUM (K)*	9.00%
Sulfur (S)*	4.00%

Derived from 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 19.00% coated slow release nitrogen (N), 2.00% coated slow release total phosphorus (P), 9.00% coated slow release total potassium (K), and 4.00% coated slow release sulfur (S).

BENEFITS:

- APEX® 19-2-9 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.

7 to 8 MONTH

SOIL/MEDIA TEMPERATURE RELEASE RATES

10.0 °C = 11-12 month
15.5 °C = 9-10 month
21.0 °C = 7-8 month ◊
26.5 °C = 5-6 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	0.8 g	1.7 g	2.5 g
125mm	1.6 g	3.3 g	5.0 g
150mm	3.0 g	6.0 g	9.0 g
175mm	5.0 g	10.0 g	15.0 g
200mm	8.0 g	15.0 g	22.0 g
250mm	16.0 g	33.0 g	50.0 g
300mm	22.0 g	44.0 g	66.0 g

Techsheets, MSDS and other information on APEX products available at: **www.simplotpartners.com.au**

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

KILOGRAMS PER CUBIC METRES	LOW 2.5	MED 5	HIGH 7.5

PLANTING BED: FIELD / Plant Nutrient Requirements (incorporate if possible or use lower rates) as follows:

KILOGRAMS PER 100 SQ. METRES	LOW 9	MED 18	HIGH 27

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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