



18-2-9 NPK Minis

WITH **GAL-Xe ONE** TECHNOLOGY

DESCRIPTION: UP TO 3 TO 4 MONTH ◇ PROFESSIONAL HOMOGENEOUS CONTROLLED RELEASE NURSERY FERTILIZER FOR PROPAGATION AND CONTAINER GROWN ANNUALS. ALL OF THE NUTRIENTS IN APEX 18-2-9 NPK MINIS ARE COMBINED WITHIN EACH UNIFORM COATED PELLET, INSURING PRECISE DISTRIBUTION AND RELEASE.

GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)*	18.00%
9.50% Ammoniacal Nitrogen	
8.50% Urea 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, and Polymer-Coated Sulfate of Potash.

*All nutrients sources in this product have been polymer-coated to provide 18.00% 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).

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BENEFITS:

- APEX 18-2-9 NPK Minis 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.

3 to 4 MONTH

SOIL/MEDIA TEMPERATURE RELEASE RATES

- 10.0 °C = 5-6 month
- 15.5 °C = 4-5 month
- 21.0 °C = 3-4 month** ◇
- 26.5 °C = 2-3 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.)	5.7
1 tablespoon (tblsp.)	17.8
1/4 cup	56.1
1/2 cup	121.3

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

DIAMETER (mm)	LOW	MEDIUM	HIGH
100mm	0.5 g	1.0 g	1.5 g
125mm	0.8 g	1.7 g	2.5 g
150mm	1.5 g	3.0 g	4.5 g
175mm	2.5 g	5.0 g	7.5 g
200mm	4.0 g	8.0 g	12.0 g
250mm	8.0 g	16.0 g	24.0 g
300mm	11.0 g	22.0 g	33.0 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 1.25	MED 2.5	HIGH 3.75
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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 5	MED 9	HIGH 14
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APPLICATION PRECAUTIONS:

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- 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.