



16-5-9 NPK PLUS

- The GAL-Xe^{ONE}® coating is precisely applied to ensure predictable and reliable nutrient release.
- Release of nutrients is not significantly affected by media type, moisture level, pH, or microbial activity.

A POLYMER COATED FERTILIZER FOR PROFESSIONAL NURSERIES WITH UP TO 6 TO 7 MONTH PRIMARY NUTRIENT RELEASE, SPECIFICALLY FORMULATED FOR THE NUTRITIONAL NEEDS OF CONTAINER PERENNIALS AND ROSES. ALL OF THE PRIMARY NUTRIENTS ARE COMBINED WITHIN EACH UNIFORMLY COATED PELLET, ENSURING PRECISE DISTRIBUTION AND RELEASE.

**UP TO
6 to 7
MONTH**

GUARANTEED ANALYSIS

TOTAL NITROGEN (N).....	16.00%
8.50% Ammoniacal Nitrogen*	
7.50% Nitrate Nitrogen*	
AVAILABLE PHOSPHATE (P ₂ O ₅)*.....	5.00%
SOLUBLE POTASH (K ₂ O)*.....	9.00%
Magnesium (Mg).....	0.50%
Sulfur (S)*.....	4.00%
Copper (Cu).....	0.05%
Iron (Fe).....	1.60%
Manganese (Mn).....	0.05%
Molybdenum (Mo).....	0.0006%
Zinc (Zn).....	0.05%

Derived from polymer coated ammonium nitrate, polymer coated monoammonium phosphate, polymer coated diammonium phosphate, polymer coated calcium phosphate, polymer coated sulfate of potash, magnesium carbonate, magnesium oxide, copper oxide, copper sulfate, ferric oxide, ferrous sulfate, iron sucrate, manganese oxide, manganese sulfate, sodium molybdate, zinc sulfate and zinc oxide.

*8.50% slowly available ammoniacal nitrogen (N) derived from polymer coated ammonium nitrate, polymer coated monoammonium phosphate, and polymer coated diammonium phosphate. 7.50% slowly available nitrate nitrogen (N) from polymer coated ammonium nitrate. 5.00% slowly available phosphate (P₂O₅) from polymer coated monoammonium phosphate, polymer coated diammonium phosphate, and polymer coated calcium phosphate. 9.00% slowly available soluble potash (K₂O) and 3.50% slowly available sulfur (S) from polymer coated sulfate of potash.

KEEP OUT OF REACH OF CHILDREN

WARNING

CAUSES SKIN IRRITATION. CAUSES EYE IRRITATION. MAY CAUSE RESPIRATORY IRRITATION.

PRECAUTIONARY STATEMENTS: Avoid breathing dust. Wash hands, forearms and face thoroughly after handling. Use only outdoors or in a well-ventilated area. For specific treatment see First Aid instruction on this label. **PERSONAL PROTECTIVE EQUIPMENT:** Wear protective gloves / protective clothing / eye protection / face protection. **FIRST AID:** IF ON SKIN Wash with plenty of water. If skin irritation occurs, get medical advice / attention. Take off contaminated clothing and wash it before reuse. IF INHALED Remove person to fresh air and keep comfortable for breathing. Call a poison center / doctor if you feel unwell. IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice / attention. **STORAGE AND DISPOSAL:** STORAGE Store in a well-ventilated place. Keep container tightly closed. Store locked up. DISPOSAL Dispose of contents / container in accordance with local / regional / national regulations.

IN CASE OF AN EMERGENCY CALL CHEMTREC 1-800-424-9300

WARNING: This product can expose you to chemicals including cadmium which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov

Information regarding the contents and levels of metals in this product is available on the Internet at: <http://www.regulatory-info-jr.com>

DIRECTIONS FOR USE

FOR PROFESSIONAL USE ONLY.

<p>APPLICATION RATES: (Call for rates on larger containers).</p> <ul style="list-style-type: none"> • 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. <p><i>These application rates are based on the average temperature at the fertilizer location of 70°F. Increase application rates by 20% if average monthly temperatures are lower than 60°F. Lower application rates by 20% if average monthly temperatures are greater than 80°F.</i></p>	<p>INCORPORATION: Plant Nutrient Requirements / Uniformly mix (incorporate) nursery fertilizer into potting media as follows: POUNDS PER CUBIC YARD: LOW 5 MED 7 HIGH 10 </p> <p>PLANTING BED: Plant Nutrient Requirements (incorporate if possible or use lower rates) as follows: POUNDS PER 100 SQ FT: LOW 2 MED 3 HIGH 5 </p> <p>SOIL / MEDIA TEMPERATURE RELEASE RATES 50 °F = 8-9 month 60 °F = 7-8 month 70 °F = 6-7 month 80 °F = 5-6 month </p>
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DRY MEASURE

Level Measure	Grams	Oz (Wt.)
1 teaspoon	3.9	0.14
1 tablespoon	12.7	0.45
0.25 cup	50.2	1.77
0.5 cup	107.2	3.78

TOPDRESS CONTAINER:

Uniformly apply (topdress) product onto the container surface using the amounts listed.

VOLUME (gal)	DIAMETER (in)	LOW	MEDIUM	HIGH
1 gal	6 in.	5 g	7 g	10 g
2 gal	8 in.	10 g	15 g	20 g
3 gal	10 in.	20 g	30 g	40 g
5 gal	12 in.	30 g	45 g	60 g
7 gal	14 in.	40 g	60 g	80 g
10 gal	17 in.	75 g	112 g	150 g
15 gal	18 in.	100 g	150 g	200 g

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 damage the integrity of the polymer coating. Avoid mounding of fertilizer against base of 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 sterilization. This product is not recommended for dibble applications. To avoid buildup of soluble salts, occasional leaching may be necessary.

NOTICE: Application of fertilizing materials containing molybdenum (Mo) may result in forage crops containing levels of molybdenum (Mo) that are toxic to ruminant animals.

IMPORTANT: READ BEFORE USE Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties, and Limitations of Liability. **CONDITIONS, DISCLAIMER OF WARRANTIES, and LIMITATIONS OF LIABILITY. CONDITIONS:** The Directions For Use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risk associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of J.R. Simplot Company and its affiliates (collectively, "Simplot"). To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer. **DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Simplot makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Simplot is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Simplot disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product. **LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or, at Simplot's election, the replacement of product.

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Net Weight: 50 lb (22.68 kg)



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Product Labels, SDS and other information on APEX® products are available at www.ApexFertilizer.com