



20-5-8

NPK PLUS WITH GAL-Xe ONE

DESCRIPTION: UP TO 7 TO 8 MONTH ◊ PROFESSIONAL CONTROLLED RELEASE NURSERY FERTILIZER IDEAL FOR PERENNIALS, FOLIAGE PLANTS, GREENHOUSE CROPS AND OUTDOOR ORNAMENTALS.

GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)*.....	20.00%
6.50% Ammoniacal Nitrogen	
5.50% Nitrate Nitrogen	
8.00% Urea Nitrogen	
AVAILABLE PHOSPHATE (P ₂ O ₅)*.....	5.00%
SOLUBLE POTASH (K ₂ O)*.....	8.00%
Magnesium (Mg).....	0.50%
Sulfur (S)*.....	4.50%
Copper (Cu).....	0.05%
Iron (Fe).....	2.50%
Manganese (Mn).....	0.05%
Molybdenum (Mo).....	0.0005%
Zinc (Zn).....	0.05%

Derived from Polymer-Coated Urea, 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, Magnesium Sulfate, Copper Oxide, Copper Sulfate, Ferric Oxide, Ferrous Sulfate, Manganese Oxide, Manganese Sulfate, Sodium Molybdate, Zinc Oxide, and Zinc Sulfate

*The nitrogen, phosphate, and potash materials in this product have been coated to provide 20.00% coated slow release Nitrogen (N), 5.00% coated slow release available Phosphate (P₂O₅), and 8.00% coated slow release soluble Potash (K₂O) and 3.00% coated slow release Sulfur (S).

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. Call a poison center / doctor if you feel unwell. For specific treatment see First Aid section on this label.

PERSONAL PROTECTIVE EQUIPMENT: Wear protective gloves / protective clothing / eye protection / face protection. Take off contaminated clothing and wash it before reuse.

FIRST AID: IF ON SKIN Wash with plenty of water. If skin irritation occurs, get medical advice / attention. **IF INHALED** Remove person to fresh air and keep comfortable for breathing. **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.

BENEFITS:

- Release of nutrients with GAL-XeONE® 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

50°F	10.0°C	= 11-12 month
60°F	15.5°C	= 9-10 month
70°F	21.0°C	= 7-8 month ◊
80°F	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 70°F.
Increase fertilizer 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.

CONVERSION TABLE

DRY MEASURE

Rounded Measure	Grams	Oz.(Wt.)
1 teaspoon (tsp.)	7.1	0.26
1 tablespoon (tbsp.)	22	0.81
1/4 cup	61	2.4
1/2 cup	142	5.6

TOPDRESS CONTAINER: Rates Per Container: Uniformly apply (topdress) product onto the container surface using the amounts listed below.

CONTAINER VOLUME (gal.)	CONTAINER DIAMETER (in.)	GRAMS TOPDRESS PER CONTAINER Plant Nutrient Requirements		
		LOW	MEDIUM	HIGH
1 gallon	6 inches	6 g	9 g	12 g
2 gallons	8 inches	13 g	19 g	26 g
3 gallons	10 inches	22 g	33 g	44 g
5 gallons	12 inches	36 g	54 g	72 g
7 gallons	14 inches	50 g	75 g	100 g
10 gallons	17 inches	90 g	135 g	180 g
15 gallons	18 inches	120 g	180 g	240 g

INCORPORATION: Plant Nutrient Requirements / Uniformly mix (incorporate) APEX® 20-5-8 NPK PLUS with GAL-XeONE® nursery fertilizer into potting media as follows:

POUNDS PER CUBIC YARD	LOW 6	MED 9	HIGH 12
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PLANTING BED: FIELD / Plant Nutrient Requirements / (incorporate if possible or use lower rates) APEX® 20-5-8 NPK PLUS with GAL-XeONE® nursery fertilizer as follows:

POUNDS PER 100 SQ. FEET	LOW 2	MED 4	HIGH 6
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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 the polymer coating.
- 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.
- **WARNING:** Application of fertilizer materials containing Molybdenum (Mo) may result in forage crops containing levels of Molybdenum (Mo) that are toxic to ruminant animals.

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>

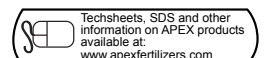
DISCLAIMER OF WARRANTIES J.R. Simplot Company warrants that the composition of this product conforms to the description and is reasonably fit for the purpose as stated on the label only when used in accordance with label directions under normal conditions of use. This warranty is expressly in lieu of all other warranties and representations expressed, implied, or statutory, including warranties of merchantability and fitness for a particular use. Timing, rate and method of application, weather and crop conditions, and mixtures not specifically recommended on this label or an accompanying written recommendation, are beyond the control of the seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. Buyer further agrees that, in the event of damages resulting from, but not limited to, weather or soil conditions, presence of other materials, or failure to follow label directions, responsibility will be assumed by the buyer or user; and to accept a replacement of the product or a refund of the purchase price of the product, at buyer's option, as full discharge of seller's liability. No one is authorized to make any other warranty, guarantee or directions concerning this product, and no such warranties, guarantees or directions shall be valid or binding upon seller

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



Net Weight 50 lb. (22.68 kg.)

Item# 89748350