

# 22-6-8 NPK PLUS WITH GAL-Xe ONE®

# 22-2.62-6.64 NPK PLUS WITH GAL-Xe ONE™

**U.S. STANDARD**

**GUARANTEED ANALYSIS:**

TOTAL NITROGEN (N)**	22.00%
6.30% Ammoniacal Nitrogen	
5.60% Nitrate Nitrogen	
10.10% Urea Nitrogen	
AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> )*	6.00%
SOLUBLE POTASH (K <sub>2</sub> O)*	8.00%
Magnesium (Mg)	0.50%
Sulfur (S)*	3.00%
Copper (Cu)	0.05%
Iron (Fe)	0.20%
Manganese (Mn)	0.05%
Molybdenum (Mo)	0.0006%
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, Copper Oxide, Ferric Oxide, Ferrous Sulfate, Iron Sulfate, Manganese Oxide, Manganese Sulfate, Sodium Molybdate, Zinc Sulfate and Zinc Oxide.

\*A portion of the nitrogen, phosphate, potash and sulfur materials in this product have been coated to provide 22.00% coated slow release nitrogen (N), 6.00% coated slow release available phosphate (P<sub>2</sub>O<sub>5</sub>), 8.00% coated slow release soluble potash (K<sub>2</sub>O), and 2.60% coated slow release sulfur (S).

**ELEMENTAL**

**GUARANTEED ANALYSIS:**

TOTAL NITROGEN (N)**	22.00%
6.30% Ammoniacal Nitrogen	
5.60% Nitrate Nitrogen	
10.10% Urea Nitrogen	
TOTAL PHOSPHORUS (P)**	2.62%
TOTAL POTASSIUM (K)**	6.64%
Magnesium (Mg)	0.50%
Sulfur (S)**	3.00%
Copper (Cu)	0.05%
Iron (Fe)	0.20%
Manganese (Mn)	0.05%
Molybdenum (Mo)	0.0006%
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, Copper Oxide, Ferric Oxide, Ferrous Sulfate, Iron Sulfate, Manganese Oxide, Manganese Sulfate, Sodium Molybdate, Zinc Sulfate and Zinc Oxide.

\*\*A portion of the nitrogen, phosphorus, potassium and sulfur materials in this product have been coated to provide 22.00% coated slow release nitrogen (N), 2.62% coated slow release total phosphorus (P), 6.64% coated slow release total potassium (K), and 2.60% coated slow release sulfur (S).

**WARNING:** Cancer and Reproductive Harm - 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>

**FOR INTERNATIONAL USE**

Including but not limited to the following countries:  
Australia, China, Malaysia, New Zealand

**DESCRIPTION:** UP TO 8 TO 9 MONTH ◊ PROFESSIONAL RELEASE NURSERY FERTILIZER SPECIFICALLY FORMULATED TO MEET THE NUTRITIONAL NEEDS OF CONTAINER GROWN TREES AND SHRUBS.

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**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. Specific treatment see Supplemental First Aid instruction 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 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 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.

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**BENEFITS:**

- Release of nutrients with GAL-Xe<sup>ONE</sup> is predictable and reliable. The coating has been precisely applied to ensure the effectiveness of each granule.
- Release of nutrients is not significantly affected by media type, moisture level, pH, or microbial activity.

**SOIL / MEDIA TEMPERATURE RELEASE RATES**

50°F = 11-12 month
60°F = 9-10 month
70°F = 8-9 month ◊
80°F = 6-7 month

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**SOIL / MEDIA TEMPERATURE RELEASE RATES**

10.0°C = 11-12 month
15.5°C = 9-10 month
21.0°C = 8-9 month ◊
26.5°C = 6-7 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.

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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			APEX® SPOONS		
Level Measure	Grams	Oz. (Wt.)	Size	Grams	Oz. (Wt.)
1 teaspoon (tsp.)	6.3	0.22	1	10.4	0.37
1 tablespoon (tbsp.)	18.1	0.64	2	15.7	0.55
1/4 cup	58.2	2.05	3	21.0	0.74
1/2 cup	119.0	4.20	4	25.9	0.91

VOLUME (gal.)	DIAMETER	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	23 g	34 g	45 g
5 gallons	12 inches	36 g	54 g	73 g
7 gallons	14 inches	52 g	78 g	104 g
10 gallons	17 inches	91 g	136 g	182 g
15 gallons	18 inches	121 g	182 g	242 g

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DIAMETER (mm)	LOW	MEDIUM	HIGH
100 mm	1.2 g	1.8 g	2.4 g
125 mm	2.4 g	3.7 g	5.0 g
150 mm	4.0 g	6.0 g	8.0 g
175 mm	7.0 g	11.0 g	15.0 g
200 mm	10.0 g	16.0 g	22.0 g
250 mm	20.0 g	35.0 g	50.0 g
300 mm	30.0 g	50.0 g	70.0 g

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

<b>POUNDS PER CUBIC YARD</b>	<b>LOW 6</b>	<b>MED 9</b>	<b>HIGH 12</b>
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**PLANTING BED:** Plant Nutrient Requirements (incorporate if possible or use lower rates) as follows:

<b>POUNDS PER 100 SQ. FT.</b>	<b>LOW 2</b>	<b>MED 4</b>	<b>HIGH 6</b>
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**INCORPORATION:** Plant Nutrient Requirements / Uniformly mix (incorporate) nursery fertilizer into potting media as follows:

<b>KILOGRAMS PER CUBIC METRES</b>	<b>LOW 3.5</b>	<b>MED 5.5</b>	<b>HIGH 7.5</b>
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**PLANTING BED:** Plant Nutrient Requirements (incorporate if possible or use lower rates) as follows:

<b>KILOGRAMS PER 100 SQ. METRES</b>	<b>LOW 10</b>	<b>MED 20</b>	<b>HIGH 30</b>
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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.
- 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.
- WARNING:** Application of fertilizer materials containing molybdenum (Mo) may result in forage crops containing levels of molybdenum (Mo) that are toxic to ruminant animals.

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**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 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 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.

**U.S.A. Trademark designation:**  
Simplot®, APEX®, and GAL-Xe<sup>ONE</sup>® are registered trademarks of the J.R. Simplot Company. 0818A

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**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 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 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.

**International Trademark designation:**  
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**U.S. STANDARD - NET WEIGHT 50 LB. (22.68 KG.)**

**ELEMENTAL - NET WEIGHT 22.68 KG.**

**J.R. Simplot Company**  
Professional Products  
P.O. Box 198 • Lathrop, CA 95330 • (208) 336-2110  
IN CASE OF EMERGENCY CALL CHEMTREC 1-800-424-9300

 Techsheets, SDS and other information on APEX products available at: [www.apexfertilizers.com](http://www.apexfertilizers.com)

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