



# 18-6-12 NPK Minis

with GAL-Xe ONE™

U.S. STANDARD

### GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)*.....	18.00%
9.60% Ammoniacal Nitrogen	
8.40% Nitrate Nitrogen	
AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> )*.....	6.00%
SOLUBLE POTASH (K <sub>2</sub> O)*.....	12.00%
Sulfur (S)*.....	4.00%

Derived from Polymer-Coated Ammonium Nitrate, Polymer-Coated Monoammonium Phosphate, Polymer-Coated Diammonium Phosphate, Polymer-Coated Calcium Phosphate, and Polymer-Coated Sulfate of Potash.

\* All nutrient sources in this product have been polymer-coated to provide 18.00% coated slow release nitrogen (N), 6.00% coated slow release available phosphate (P<sub>2</sub>O<sub>5</sub>), 12.00% coated slow release soluble potash (K<sub>2</sub>O), and 4.00% 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>

**DESCRIPTION:** UP TO 3 TO 4 MONTH ◊ PROFESSIONAL HOMOGENEOUS CONTROLLED RELEASE NURSERY FERTILIZER PROPAGATION AND CONTAINER GROWN ANNUALS. ALL OF THE NUTRIENTS ARE COMBINED WITHIN EACH UNIFORM COATED PELLET, INSURING PRECISE DISTRIBUTION AND RELEASE.



KEEP OUT OF REACH OF CHILDREN  
**WARNING**  
CAUSES EYE IRRITATION.

**PRECAUTIONARY STATEMENTS:** Wash hands, forearms and face thoroughly after handling.  
**FIRST AID: 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.

### BENEFITS:

- Release of nutrients with GAL-XeONE™ 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 = 5-6 month  
60°F = 4-5 month  
70°F = 3-4 month ◊  
80°F = 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 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 TABLES

DRY MEASURE			
Level Measure	Grams	Oz.(Wt.)	
1 teaspoon (tsp.)	5.7	0.20	
1 tablespoon (tblsp.)	17.8	0.63	
1/4 cup	56.1	1.98	
1/2 cup	121.3	4.28	

APEX® SPOONS					
Size	Grams	Oz.(Wt.)	Size	Grams	Oz.(Wt.)
1	10.5	0.37	5	37.8	1.33
2	15.6	0.55	6	54.2	1.91
3	21.1	0.74	7	71.3	2.52
4	26.4	0.93	8	86.0	3.03

TOPDRESS CONTAINER:	VOLUME (gal.)	DIAMETER	LOW	MEDIUM	HIGH
Plant Nutrient Requirements / Uniformly apply (topdress) product onto the container surface using the amounts listed.	1 gallon	6 inches	2 g	4 g	6 g
	2 gallons	8 inches	5 g	9 g	14 g
	3 gallons	10 inches	8 g	16 g	24 g
	5 gallons	12 inches	13 g	26 g	39 g
	7 gallons	14 inches	18 g	36 g	54 g
	10 gallons	17 inches	32 g	64 g	96 g
	15 gallons	18 inches	43 g	85 g	128 g

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

POUNDS PER CUBIC YARD	LOW 2	MED 4	HIGH 6
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**PLANTING BED:** Plant Nutrient Requirements (incorporate if possible or use lower rates) as follows:

POUNDS PER 100 SQ. FT.	LOW 1	MED 2	HIGH 3
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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.

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.

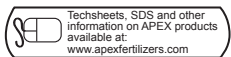
U.S.A. Trademark designation: DUAL\_GHS\_R4-6-16\_R10-17-17

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U.S. STANDARD - NET WEIGHT 50 LB. (22.68 KG.)



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



Item# 7441950



# 18-2.62-9.96 NPK Minis

with GAL-Xe ONE™

ELEMENTAL

### GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)**.....	18.00%
9.60% Ammoniacal Nitrogen	
8.40% Nitrate Nitrogen	
TOTAL PHOSPHORUS (P)**.....	2.62%
TOTAL POTASSIUM (K)**.....	9.96%
Sulfur (S)**.....	4.00%

Derived from Polymer-Coated Ammonium Nitrate, Polymer-Coated Monoammonium Phosphate, Polymer-Coated Diammonium Phosphate, Polymer-Coated Calcium Phosphate, and Polymer-Coated Sulfate of Potash.

\*\* All nutrient sources in this product have been polymer-coated to provide 18.00% coated slow release nitrogen (N), 2.62% coated slow release total phosphorus (P), 9.96% coated slow release total potassium (K), and 4.00% coated slow release sulfur (S).

### FOR INTERNATIONAL USE

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

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CAUSES EYE IRRITATION.

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**FIRST AID: 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.

### BENEFITS:

- Release of nutrients with GAL-XeONE™ 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**  
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 TABLES

DRY MEASURE			
Level Measure	Grams	Oz.(Wt.)	
1 teaspoon (tsp.)	5.7	0.20	
1 tablespoon (tblsp.)	17.8	0.63	
1/4 cup	56.1	1.98	
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APEX™ SPOONS					
Size	Grams	Oz.(Wt.)	Size	Grams	Oz.(Wt.)
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3	21.1	0.74	7	71.3	2.52
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TOPDRESS CONTAINER:	DIAMETER (mm)	LOW	MEDIUM	HIGH
Plant Nutrient Requirements / Uniformly apply (topdress) product onto the container surface using the amounts listed.	100 mm	0.5 g	1.0 g	1.5 g
	125 mm	0.8 g	1.7 g	2.5 g
	150 mm	1.5 g	3.0 g	4.5 g
	175 mm	2.5 g	5.0 g	7.5 g
	200 mm	4.0 g	8.0 g	12.0 g
	250 mm	8.0 g	16.0 g	24.0 g
	300 mm	11.0 g	22.0 g	33.0 g

**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:** 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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- 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.

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International Trademark designation: DUAL\_GHS\_R4-6-16\_R10-17-17

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ELEMENTAL - NET WEIGHT 22.68 KG.



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Professional Products  
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