



# 21-2-7 LOW P

WITH GAL-Xe<sup>ONE</sup> TECHNOLOGY

U.S. STANDARD

### GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)*	21.00%
3.50% Ammoniacal Nitrogen	
3.00% Nitrate Nitrogen	
14.50% Urea Nitrogen	
AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> )*	2.00%
SOLUBLE POTASH (K <sub>2</sub> O)*	7.00%
Magnesium (Mg)	1.90%
Sulfur (S)*	5.50%
Copper (Cu)	0.05%
Iron (Fe)	1.70%
Manganese (Mn)	0.05%
Molybdenum (Mo)	0.0006%
Zinc (Zn)	0.05%

Derived from Polymer-Coated Urea, Polymer-Coated Ammonium Nitrate, Polymer-Coated Ammonium Phosphate, Polymer-Coated Calcium Phosphate, Polymer-Coated Ammonium Polyphosphate, Polymer-Coated Sulfate of Potash, Polymer-Coated Sulfate of Potash-Magnesia, 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.

\*A portion of the nitrogen, phosphate, potash and sulfur materials in this product have been coated to provide 21.00% coated slow release nitrogen (N), 2.00% coated slow release available phosphate (P<sub>2</sub>O<sub>5</sub>), 7.00% coated slow release soluble potash (K<sub>2</sub>O), and 4.20% coated slow release sulfur (S).



# 21-0.86-5.8 LOW P

WITH GAL-Xe<sup>ONE</sup> TECHNOLOGY

ELEMENTAL

### GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)**	21.00%
3.50% Ammoniacal Nitrogen	
3.00% Nitrate Nitrogen	
14.50% Urea Nitrogen	
TOTAL PHOSPHORUS (P)**	0.86%
TOTAL POTASSIUM (K)**	5.80%
Magnesium (Mg)	1.90%
Sulfur (S)**	5.50%
Copper (Cu)	0.05%
Iron (Fe)	1.70%
Manganese (Mn)	0.05%
Molybdenum (Mo)	0.0006%
Zinc (Zn)	0.05%

Derived from Polymer-Coated Urea, Polymer-Coated Ammonium Nitrate, Polymer-Coated Ammonium Phosphate, Polymer-Coated Calcium Phosphate, Polymer-Coated Ammonium Polyphosphate, Polymer-Coated Sulfate of Potash, Polymer-Coated Sulfate of Potash-Magnesia, 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.

\*\*A portion of the nitrogen, phosphorus, potassium and sulfur materials in this product have been coated to provide 21.00% coated slow release nitrogen (N), 0.86% coated slow release total phosphorus (P), 5.80% coated slow release total potassium (K), and 4.20% coated slow release sulfur (S).

**DESCRIPTION:** UP TO 8 TO 9 MONTH ◊ PROFESSIONAL NURSERY FERTILIZER WITH ALL THE PRIMARY NUTRIENTS COATED FOR OPTIMUM SAFETY AND PERFORMANCE. SPECIFICALLY FORMULATED FOR PLANTS THAT ARE SENSITIVE TO HIGH RATES OF PHOSPHATE OR ARE MORE EFFICIENT IN PHOSPHATE UPTAKE.

**8 to 9 MONTH**

KEEP OUT OF REACH OF CHILDREN

### WARNING

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

**PRECAUTIONARY STATEMENTS:** Avoid breathing dust. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Call a poison center / doctor if you feel unwell. 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 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:

- Releases all the primary nutrients through a process of diffusion using GAL-Xe<sup>ONE</sup>, Simplot's exclusive space age controlled release fertilizer technology.
- 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 10.0°C	= 11-12 month
60°F 15.5°C	= 9-10 month
70°F 21.0°C	= 8-9 month ◊
80°F 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 (21.0°C).

Increase fertilizer application rates by 20% if average monthly temperatures are lower than 60°F (15.5°C).

Lower application rates by 20% if average monthly temperatures are greater than 80°F (26.5°C).

CONVERSION TABLE	DRY MEASURE			APEX SPOONS		
	Level Measure	Grams	Oz (Wt.)	Size	Grams	Oz (Wt.)
	1 teaspoon (tsp.)	6.0	0.21	1	10.3	0.36
	1 tablespoon (tblsp.)	17.7	0.62	2	15.0	0.53
	1/4 cup	56.6	2.00	3	20.8	0.73
	1/2 cup	116.6	4.11	4	25.3	0.89
				5	35.9	1.27
				6	51.6	1.82
				7	67.6	2.38
				8	81.5	2.87

### TOPDRESS CONTAINER:

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

VOLUME (gal.)	DIAMETER	LOW	MEDIUM	HIGH	DIAMETER (mm)	LOW	MEDIUM	HIGH
1 gallon	6 inches	8 g	12 g	16 g	100 mm	1.0 g	2.0 g	3.0 g
2 gallons	8 inches	16 g	24 g	32 g	125 mm	3.0 g	5.0 g	7.0 g
3 gallons	10 inches	30 g	45 g	60 g	150 mm	5.0 g	8.0 g	11.0 g
5 gallons	12 inches	47 g	72 g	98 g	175 mm	9.0 g	15.0 g	18.0 g
7 gallons	14 inches	68 g	102 g	137 g	200 mm	14.0 g	21.0 g	28.0 g
10 gallons	17 inches	120 g	180 g	240 g	250 mm	31.0 g	45.0 g	60.0 g
15 gallons	18 inches	160 g	240 g	320 g	300 mm	40.0 g	60.0 g	80.0 g

### INCORPORATION:

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

POUNDS PER CUBIC YARD	LOW 8	MED 12	HIGH 16	KILOGRAMS PER CUBIC METRES	LOW 5	MED 7	HIGH 9
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### PLANTING BED: FIELD /

 Plant Nutrient Requirements (incorporate if possible or use lower rates) as follows:

POUNDS PER 100 SQ. FT.	LOW 2	MED 4	HIGH 6	KILOGRAMS PER 100 SQ. METRES	LOW 11	MED 22	HIGH 33
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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.
- CAUTION: 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 contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm. Proposition 65, the Safe Drinking Water and Toxic Enforcement Act of 1986, requires notification of potential exposure to substances identified by the State of California as causing cancer, birth defects or other reproductive harm.

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: Seller warrants that the composition of this product conforms to the description given on this label. 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, 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 arising from the use of this product 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. STANDARD - NET WEIGHT 50 LB. (22.68 KG.)

ELEMENTAL - NET WEIGHT 22.68 KG.



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