



12-4-12 PALM K

WITH GAL-Xe ONE TECHNOLOGY

U.S. STANDARD

GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)	12.00%
5.00% Ammoniacal Nitrogen	
7.00% Urea Nitrogen*	
AVAILABLE PHOSPHATE (P ₂ O ₅)	4.00%
SOLUBLE POTASH (K ₂ O)	12.00%
Magnesium (Mg)	3.00%
Sulfur (S)	13.00%
Copper (Cu)	0.05%
Iron (Fe)	3.75%
Manganese (Mn)	0.20%
Molybdenum (Mo)	0.0006%
Zinc (Zn)	0.05%

Derived from Polymer-Coated Urea, Monoammonium Phosphate, Ammonium Sulfate, Sulfate of Potash, Sulfate of Potash-Magnesia, Iron Oxy-sulfate, Magnesium Carbonate, Magnesium Oxide, Magnesium Sulfate, Copper Oxide, Copper Sulfate, Ferric Oxide, Ferrous Sulfate, Manganese Oxide, Manganese Oxy-sulfate, Manganese Sulfate, Sodium Molybdate, Zinc Oxide and Zinc Sulfate.

*7.00% slowly available urea nitrogen from polymer-coated urea.



12-1.7-9.9 PALM K

WITH GAL-Xe ONE TECHNOLOGY

ELEMENTAL

GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)	12.00%
5.00% Ammoniacal Nitrogen	
7.00% Urea Nitrogen**	
TOTAL PHOSPHORUS (P)	1.70%
TOTAL POTASSIUM (K)	9.90%
Magnesium (Mg)	3.00%
Sulfur (S)	13.00%
Copper (Cu)	0.05%
Iron (Fe)	3.75%
Manganese (Mn)	0.20%
Molybdenum (Mo)	0.0006%
Zinc (Zn)	0.05%

Derived from Polymer-Coated Urea, Monoammonium Phosphate, Ammonium Sulfate, Sulfate of Potash, Sulfate of Potash-Magnesia, Iron Oxy-sulfate, Magnesium Carbonate, Magnesium Oxide, Magnesium Sulfate, Copper Oxide, Copper Sulfate, Ferric Oxide, Ferrous Sulfate, Manganese Oxide, Manganese Oxy-sulfate, Manganese Sulfate, Sodium Molybdate, Zinc Oxide and Zinc Sulfate.

**7.00% slowly available urea nitrogen from polymer-coated urea.

DESCRIPTION: UP TO 3 TO 4 MONTH ◊ CONTROLLED RELEASE FERTILIZER SPECIFICALLY FORMULATED FOR PALMS WITH A 3:1:3 RATIO OF NITROGEN, PHOSPHATE AND POTASH WITH EXTRA MAGNESIUM AND EXTENSIVE MICRONUTRIENTS.

3 to 4 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:

- Most of the nitrogen is coated slow release for predictable response.
- Release of nitrogen is not significantly affected by media type, moisture level, pH, or microbial activity.
- Includes an extensive package of minor elements.

SOIL / MEDIA TEMPERATURE RELEASE RATES

50°F 10.0°C =	5-6 month
60°F 15.5°C =	4-5 month
70°F 21.0°C =	3-4 month ◊
80°F 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 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	Level Measure				
		Size	Grams	Oz. (Wt.)		
	1 teaspoon (tsp.)	6.8	0.24			
	1 tablespoon (tblsp.)	22.3	0.79			
	1/4 cup	68.5	2.42			
	1/2 cup	142.7	5.03			
APEX SPOONS	Size	Grams	Oz. (Wt.)	Size	Grams	Oz. (Wt.)
	1	11.7	0.41	5	41.8	1.47
	2	17.8	0.63	6	63.0	2.22
	3	24.8	0.87	7	81.9	2.89
4	30.8	1.09	8	98.0	3.46	

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	3.5 g	7 g	10.5 g	100 mm	0.7 g	1.4 g	2.1 g
2 gallons	8 inches	8 g	15 g	23 g	125 mm	1.5 g	3.0 g	4.5 g
3 gallons	10 inches	13 g	26 g	39 g	150 mm	2.0 g	4.0 g	6.0 g
5 gallons	12 inches	20 g	40 g	60 g	175 mm	4.0 g	8.0 g	12.0 g
7 gallons	14 inches	30 g	60 g	90 g	200 mm	6.0 g	12.0 g	18.0 g
10 gallons	17 inches	50 g	100 g	150 g	250 mm	13.0 g	26.0 g	39.0 g
15 gallons	18 inches	70 g	140 g	210 g	300 mm	18.0 g	36.0 g	54.0 g

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

POUNDS PER CUBIC YARD	LOW 3.5	MED 7	HIGH 10.5	KILOGRAMS PER CUBIC METRES	LOW 2	MED 4	HIGH 6
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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 1.5	MED 3	HIGH 4.5	KILOGRAMS PER 100 SQ. METRES	LOW 7	MED 14	HIGH 21
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SURFACE APPLICATION: Uniformly apply around drip line of tree.

CUPS PER TREE	PALM SIZE	LOW	MEDIUM	HIGH
	2-3 ft.	1/2	1	2
	4-6 ft.	1	2	3
	7-10 ft & up	2	3	4+

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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