



# 14-5-10 NPK MAX

WITH GAL-Xe ONE TECHNOLOGY

U.S. STANDARD

## GUARANTEED ANALYSIS:

|   |        |
|---|--------|
| TOTAL NITROGEN (N)*                                   | 14.00% |
| 8.00% Ammoniacal Nitrogen                             |        |
| 6.00% Nitrate Nitrogen                                |        |
| AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> )* | 5.00%  |
| SOLUBLE POTASH (K <sub>2</sub> O)*                    | 10.00% |
| Magnesium (Mg)*                                       | 0.90%  |
| Sulfur (S)*   | 5.50%  |
| Iron (Fe)*  | 0.55%  |
| 0.40% Chelated Iron                                   |        |
| Manganese (Mn)*                                       | 0.06%  |
| Zinc (Zn)*  | 0.05%  |

Derived from Polymer-Coated Ammonium Nitrate, Polymer-Coated Ammonium Phosphate, Polymer-Coated Calcium Phosphate, Polymer-Coated Ammonium Polyphosphate, Polymer-Coated Sulfate of Potash, Polymer-Coated Magnesium Sulfate, Polymer-Coated Copper Sulfate, Polymer-Coated Ferrous Sulfate, Polymer-Coated Iron Citrate, Polymer-Coated Iron EDTA, Polymer-Coated Manganese Sulfate, and Polymer-Coated Zinc Sulfate.

\*All of the nutrients in this product have been coated to provide 14.00% coated slow release Nitrogen (N), 5.00% coated slow release available Phosphate (P<sub>2</sub>O<sub>5</sub>), 10.00% coated slow release soluble Potash (K<sub>2</sub>O), 0.90% coated slow release Magnesium (Mg), 5.50% coated slow release Sulfur (S), 0.55% coated slow release Iron (Fe), 0.06% coated slow release Manganese (Mn), and 0.05% coated slow release Zinc (Zn).



# 14-2.18-8.3 NPK MAX

WITH GAL-Xe ONE TECHNOLOGY

ELEMENTAL

## GUARANTEED ANALYSIS:

|                           |        |
|---------------------------|--------|
| TOTAL NITROGEN (N)**      | 14.00% |
| 8.00% Ammoniacal Nitrogen |        |
| 6.00% Nitrate Nitrogen    |        |
| TOTAL PHOSPHORUS (P)**    | 2.18%  |
| TOTAL POTASSIUM (K)**     | 8.30%  |
| Magnesium (Mg)**          | 0.90%  |
| Sulfur (S)**              | 5.50%  |
| Iron (Fe)**               | 0.55%  |
| 0.40% Chelated Iron       |        |
| Manganese (Mn)**          | 0.06%  |
| Zinc (Zn)**               | 0.05%  |

Derived from Polymer-Coated Ammonium Nitrate, Polymer-Coated Ammonium Phosphate, Polymer-Coated Calcium Phosphate, Polymer-Coated Ammonium Polyphosphate, Polymer-Coated Sulfate of Potash, Polymer-Coated Magnesium Sulfate, Polymer-Coated Copper Sulfate, Polymer-Coated Ferrous Sulfate, Polymer-Coated Iron Citrate, Polymer-Coated Iron EDTA, Polymer-Coated Manganese Sulfate, and Polymer-Coated Zinc Sulfate.

\*\*All of the nutrients in this product have been coated to provide 14.00% coated slow release Nitrogen (N), 2.18% coated slow release total phosphorus (P), 8.30% coated slow release total potassium (K), 0.90% coated slow release Magnesium (Mg), 5.50% coated slow release Sulfur (S), 0.55% coated slow release Iron (Fe), 0.06% coated slow release Manganese (Mn), and 0.05% coated slow release Zinc (Zn).

**DESCRIPTION:** UP TO 11 TO 12 MONTH ◊ PROFESSIONAL CONTROLLED RELEASE NURSERY FERTILIZER FOR WOODY ORNAMENTALS, PROPAGATION & FOLIAGE PLANTS. ALL OF THE PRIMARY NUTRIENTS, MAGNESIUM, SULFUR, AND MICRONUTRIENTS ARE COMBINED WITHIN EACH UNIFORM COATED PELLET, INSURING PRECISE DISTRIBUTION AND RELEASE.

**11 to 12 MONTHS**

**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 all applicable federal, state, and local regulations.

## BENEFITS:

- Release of nutrients with GAL-XeONE Technology 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 = 15-16 month   |
| 60°F                                   | 15.5°C = 13-14 month   |
| 70°F                                   | 21.0°C = 11-12 month ◊ |
| 80°F                                   | 26.5°C = 9-10 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 |       |          | Grams |       |          | Oz.(Wt.) |  |  |
|------------------|-------------|---------------|-------|----------|-------|-------|----------|----------|--|--|
|                  |             | Size          | Grams | Oz.(Wt.) | Size  | Grams | Oz.(Wt.) |          |  |  |
| APEX SPOONS      | 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:

 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  | 10 g  | 15 g   | 20 g  | 100 mm        | 2.0 g  | 3.0 g  | 4.0 g   |
| 2 gallons     | 8 inches  | 20 g  | 30 g   | 40 g  | 125 mm        | 4.0 g  | 6.0 g  | 8.0 g   |
| 3 gallons     | 10 inches | 40 g  | 60 g   | 80 g  | 150 mm        | 7.0 g  | 10.0 g | 13.0 g  |
| 5 gallons     | 12 inches | 60 g  | 90 g   | 120 g | 175 mm        | 12.0 g | 18.0 g | 24.0 g  |
| 7 gallons     | 14 inches | 85 g  | 130 g  | 175 g | 200 mm        | 18.0 g | 27.0 g | 36.0 g  |
| 10 gallons    | 17 inches | 150 g | 225 g  | 300 g | 250 mm        | 40.0 g | 60.0 g | 80.0 g  |
| 15 gallons    | 18 inches | 200 g | 300 g  | 400 g | 300 mm        | 55.0 g | 80.0 g | 105.0 g |

## INCORPORATION:

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

| POUNDS PER CUBIC YARD | LOW 10 | MED 15 | HIGH 20 | KILOGRAMS PER CUBIC METRES | LOW 6 | MED 9 | HIGH 12 |
|-----------------------|--------|--------|---------|----------------------------|-------|-------|---------|
|-----------------------|--------|--------|---------|----------------------------|-------|-------|---------|

## PLANTING BED: FIELD /

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

| POUNDS PER 100 SQ. FEET | LOW 4 | MED 7 | HIGH 10 | KILOGRAMS PER 100 SQ. METRES | LOW 20 | MED 32 | HIGH 48 |
|-------------------------|-------|-------|---------|------------------------------|--------|--------|---------|
|-------------------------|-------|-------|---------|------------------------------|--------|--------|---------|

## 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: 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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