



21-2-4 SUPER IRON TOPDRESS WITH GAL-Xe ONE TECHNOLOGY

DESCRIPTION: UP TO 4 TO 5 MONTH ◊ PROFESSIONAL CONTROLLED RELEASE FERTILIZER FOR TOPDRESSING, BROADCAST, OR INCORPORATION APPLICATION OF TREES AND SHRUBS.

GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)	21.00%
2.00% Ammoniacal Nitrogen	
19.00% Urea Nitrogen*	
TOTAL PHOSPHORUS (P)	2.00%
TOTAL POTASSIUM (K)	4.00%
Magnesium (Mg)	0.50%
Sulfur (S)	2.00%
Copper (Cu)	0.05%
Iron (Fe)	6.00%
Manganese (Mn)	0.05%
Molybdenum (Mo)	0.0005%
Zinc (Zn)	0.05%

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

*19.00% slowly available urea nitrogen from polymer-coated urea.

APEX® is a registered trademark of the J.R. Simplot Company. GAL-Xe ONE is a trademark of the J.R. Simplot Company.

BENEFITS:

- APEX® 21-2-4 SUPER IRON TOPDRESS provides safety with GAL-Xe ONE, Simplot's exclusive space age controlled release fertilizer technology.
- 90% of the nitrogen is coated slow release for safe predictable response.
- Release of nitrogen is controlled by diffusion.
- Release of nitrogen is not significantly affected by media type, moisture level, pH, or microbial activity.



SOIL/MEDIA TEMPERATURE RELEASE RATES

10.0 °C = 6-7 month
15.5 °C = 5-6 month
21.0 °C = 4-5 month ◊
26.5 °C = 3-4 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 TABLE

DRY MEASURE	
Level Measure	Grams
1 teaspoon (tsp.)	5.66
1 tablespoon (tblsp.)	17.82
1/4 cup	57.84
1/2 cup	116.20

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

DIAMETER (mm)	LOW	MEDIUM	HIGH
100mm	0.5 g	1.0 g	1.5 g
125mm	1.0 g	2.0 g	3.0 g
150mm	2.0 g	4.0 g	6.0 g
175mm	4.0 g	7.0 g	10.0 g
200mm	5.0 g	10.0 g	15.0 g
250mm	11.0 g	23.0 g	35.0 g
300mm	16.0 g	32.0 g	48.0 g



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

POUNDS PER CUBIC YARD	LOW 2	MED 3.5	HIGH 5
-----------------------	-------	---------	--------

PLANTING BED: FIELD / Plant Nutrient Requirements (incorporate if possible or use lower rates) as follows:

POUNDS PER 100 SQ. FEET	LOW 6	MED 12	HIGH 18
-------------------------	-------	--------	---------

APPLICATION PRECAUTIONS:

AU744161_apex2124sit_galxeone_2-26-2013

- 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 APEX.
- 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.