



21-5-6 SUPER IRON TOPDRESS

21-2.1-4.9 ELEMENTAL AND METRIC

DESCRIPTION: A HIGH QUALITY, PROFESSIONAL 3 TO 4 MONTH* CONTROLLED RELEASE FERTILIZER FOR TOPDRESSING, BROADCAST, OR INCORPORATION APPLICATION OF TREES AND SHRUBS.

BENEFITS: APEX 21-5-6 / 21-2.1-4.9 SUPER IRON TOPDRESS

- APEX 21-5-6 / 21-2.1-4.9 SUPER IRON TOPDRESS provides safe, cost-effective controlled release nitrogen Reactive Layers Coating (RLC™) from POLYON®.
- 90% of the nitrogen is coated slow release for safe predictable response.
- Release of nitrogen is by osmosis.
- Nutrient release is not affected by media type, moisture level, pH or microbial activity.

SOIL/MEDIA TEMPERATURE RELEASE RATES

50°F	10°C	=	6 months
60°F	15.5°C	=	5 months*
70°F	21°C	=	4 months*
80°F	26.5°C	=	3 months
90°F	32°C	=	2 months

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 for heavy feeding plants.

TOP DRESSING-Rates Per Container

Uniformly apply (topdress) product onto the container surface using the amounts listed below.



Tech sheets, MSDS and other information on APEX products available at www.apexfertilizer.com

CONVERSION TABLE

Rounded Measure	Grams	Oz. (Wt.)
1 teaspoon (tsp.)	7.6	.26
1 Tablespoon (tbs.)	23	.81
1/4 cup	69	2.4
1/2 cup	130	4.6

CONTAINER VOLUME (gal.)	CONTAINER DIAMETER (in.)	GRAMS TOPDRESS PER CONTAINER Plant Nutrient Requirements		
		LOW	MEDIUM	HIGH
1 gallon	6 inches	3 g	6 g	9 g
2 gallons	8 inches	7 g	13 g	19 g
3 gallons	10 inches	11 g	22 g	33 g
5 gallons	12 inches	18 g	36 g	54 g
7 gallons	14 inches	26 g	52 g	78 g
10 gallons	16 inches	46 g	91 g	136 g
15 gallons	18 inches	60 g	120 g	180 g

CONTAINER DIAMETER (mm)	GRAMS TOPDRESS PER CONTAINER Plant Nutrient Requirements		
	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: Uniformly mix (incorporate) APEX 21-5-6 / 21-2.1-4.9 SUPER IRON TOPDRESS into potting media as follows:

POUNDS PER CUBIC YARD-PLANT NUTRIENT REQUIREMENTS		
LOW	MEDIUM	HIGH
3	6	9

KGS. PER CUBIC METRE-PLANT NUTRIENT REQUIREMENTS		
LOW	MEDIUM	HIGH
2	3.5	5

LANDSCAPE / PLANTING BED / FIELD: Broadcast application APEX 21-5-6 / 21-2.1-4.9 SUPER IRON TOPDRESS

POUNDS PER 100 SQ.FT.-PLANT NUTRIENT REQUIREMENTS		
LOW	MEDIUM	HIGH
1	2	4

KGS. PER 100 SQ. METRES-PLANT NUTRIENT REQUIREMENTS		
LOW	MEDIUM	HIGH
6	12	18

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 1 week, leach thoroughly before using.
- Product left in media for more than 1 week will lose longevity resulting in reduced release time and wasted CRF.
- Avoid the use of media processing equipment that could damage the integrity of RLC coating.
- Avoid mounding of fertilizer against base of plant.
- Iron and other plant nutrients can cause staining of cement.
- CAUTION: Application of fertilizer materials containing Molybdenum (Mo) may result in forage crops containing levels of Molybdenum (Mo) that are toxic to ruminant animals.
- Keep away from pools, ponds, and other bodies of water.
- This formulation is not recommended for greenhouse production.
- 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.

GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)*	21.00%
2.00% Ammoniacal Nitrogen (N)	
19.00% Urea Nitrogen (N) **	
AVAILABLE PHOSPHATE (P ₂ O ₅)	5.00%
SOLUBLE POTASH (K ₂ O)	6.00%
Magnesium (Mg)	0.50%
Sulfur (S)	2.00%
2.00% Combined Sulfur	
Copper (Cu)	0.05%
Iron (Fe)	6.00%
Manganese (Mn)	0.05%
Molybdenum (Mo)	0.0005%
Zinc (Zn)	0.05%

TOTAL NITROGEN (N)*	21.00%
2.00% Ammoniacal Nitrogen (N)	
19.00% Urea Nitrogen (N) **	
TOTAL PHOSPHORUS (P)	2.10%
TOTAL POTASSIUM (K)	4.90%
Magnesium (Mg)	0.50%
Sulfur (S)	2.00%
2.00% Combined Sulfur	
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, Potassium Sulfate, Potassium Chloride, Copper Sulfate, Magnesium Carbonate, Ferrous Oxide, Ferrous Sulfate, Magnesium Oxide, Manganese Oxide, Sodium Molybdate, Zinc Sulfate, and Zinc Oxide.

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* The nitrogen in this product have been coated to provide: 19.20% coated slow release nitrogen.

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

PACKAGE SIZE: 50 LB. BAGS / 22.68 Kg. MANUFACTURED IN U.S.A.

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HANDLING PRECAUTIONS: CAUTION: KEEP OUT OF REACH OF CHILDREN

MSDS: See Reverse HARMFUL IF SWALLOWED – DO NOT INHALE