



18-2.5-9.9 ELEMENTAL AND METRIC

DESCRIPTION: An 8 - 9 MONTH* **PROFESSIONAL HOMOGENEOUS CONTROLLED RELEASE NURSERY FERTILIZER FOR WOODY ORNAMENTALS, PROPAGATION, AND FOLIAGE PLANTS. ALL OF THE NUTRIENTS IN APEX 18-6-12 / 18-2.5-9.9 WOODY PLANT ARE COMBINED WITHIN EACH UNIFORMLY COATED PELLET, INSURING PRECISE DISTRIBUTION AND RELEASE.**

BENEFITS: 18-6-12 / 18-2.5-9.9 WOODY PLANT

- APEX 18-6-12 / 18-2.5-9.9 WOODY PLANT provides the improved safety of the POLYON® Reactive Layers Coating (RLC™) controlled release technology.
- Release of nutrients is controlled by osmosis and is not affected by media type, moisture level, pH, or microbial activity.
- Osmotic release of nutrients with POLYON® is predictable and reliable. The coating has been precisely applied to ensure the safety and effectiveness of each granule.

SOIL/MEDIA TEMPERATURE RELEASE RATES		
50°F	10.0°C	= 12 months
60°F	15.5°C	= 10 months
70°F	21.0°C	= 9 months*
80°F	26.5°C	= 8 months
90°F	32.0°C	= 7 months

APPLICATION RATES: (Call for rates on larger containers.)

- Use **low** rate for low feeding, salt sensitive plants.
- Use **medium** rate for medium to moderately heavy feeding plants.
- Use **high** rate for heavy feeding hardy 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.)	7.1	.26
1 Tablespoon (tbs.)	22	.81
1/4 cup	61	2.4
1/2 cup	142	5.6

CONTAINER VOLUME (gal.)	CONTAINER DIAMETER (in.)	GRAMS TOPDRESS PER CONTAINER Plant Nutrient Requirements		
		LOW	MEDIUM	HIGH
1 gallon	6 inches	8 g	12 g	16 g
2 gallons	8 inches	18 g	27 g	36 g
3 gallons	10 inches	31 g	47 g	63 g
5 gallons	12 inches	50 g	75 g	100 g
7 gallons	14 inches	70 g	105 g	140 g
10 gallons	16 inches	120 g	180 g	240 g
15 gallons	18 inches	160 g	240 g	320 g

CONTAINER DIAMETER (mm)	GRAMS TOPDRESS PER CONTAINER Plant Nutrient Requirements		
	LOW	MEDIUM	HIGH
100mm	2.0 g	3.0 g	4.0 g
125mm	3.0 g	5.0 g	7.0 g
150mm	6.0 g	9.0 g	12.0 g
175mm	10.0 g	15.0 g	20.0 g
200mm	15.0 g	23.0 g	30.0 g
250mm	33.0 g	50.0 g	67.0 g
300mm	44.0 g	66.0 g	88.0 g

INCORPORATION: Uniformly mix (incorporate) APEX 18-6-12 / 18-2.5-9.9 WOODY PLANT fertilizer into potting media as follows:

POUNDS PER CUBIC YARD-PLANT NUTRIENT REQUIREMENTS		
LOW	MEDIUM	HIGH
8	12	16

KILOGRAMS PER CUBIC METRE-PLANT NUTRIENT REQUIREMENTS		
LOW	MEDIUM	HIGH
4	7	10

PLANTING BED: FIELD (incorporate if possible or use lower rates.) APEX 18-6-12 / 18-2.5-9.9 WOODY PLANT as follows:

POUNDS PER 100 SQ.FT.-PLANT NUTRIENT REQUIREMENTS		
LOW	MEDIUM	HIGH
3	5	7

KILOGRAMS PER 100 SQUARE METRES-PLANT NUTRIENT REQUIREMENTS		
LOW	MEDIUM	HIGH
12	24	36

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 change the integrity of RLC coating.
- Avoid mounding of fertilizer against base of plant.

- This formulation does not contain micronutrients. Please supplement as needed with APEX Micronutrient Formulation following label directions.
- 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.

GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)*	18.00%
9.70% Ammoniacal Nitrogen	
8.30% Nitrate Nitrogen	
AVAILABLE PHOSPHATE (P ₂ O ₅)*	6.00%
SOLUBLE POTASH (K ₂ O)*	12.00%
Sulfur (S)*	4.00%
4.00% Combined Sulfur	

TOTAL NITROGEN (N)**	18.00%
9.70% Ammoniacal Nitrogen	
8.30% Nitrate Nitrogen	
TOTAL PHOSPHORUS (P)**	2.50%
TOTAL POTASSIUM (K)**	9.90%
Sulfur (S)**	4.00%

Derived from Polymer Coated Ammonium Nitrate, Ammonium Phosphate and Potassium Sulfate.

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* All nutrient sources have been polymer-coated to provide 18.00% coated slow release Nitrogen (N), 6.00% coated slow release Available Phosphate (P₂O₅), 12.00% coated slow release Potash (K₂O) and 4.00% coated slow release Sulfur (S).

** All nutrient sources have been polymer-coated to provide 18.00% coated slow release Nitrogen (N), 2.50% coated slow release Available Phosphorus (P), 9.90% coated slow release Potassium (K) and 4.00% coated slow release Sulfur (S).

PRODUCT COVERAGE: 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