



18-8-8 EVERGREEN

18-3.4-6.6 ELEMENTAL AND METRIC

DESCRIPTION: AN 8 TO 9 MONTH* PROFESSIONAL CONTROLLED RELEASE NURSERY FERTILIZER. THIS FORMULATION IS HIGH IN THE NITRATE FORM OF NITROGEN. ALL OF THE PRIMARY NUTRIENTS IN APEX 18-8-8 / 18-3.4-6.6 EVERGREEN ARE POLYON® COATED INSURING PRECISE DISTRIBUTION AND RELEASE.

BENEFITS: APEX 18-8-8 / 18-3.4-6.6 EVERGREEN:

- APEX 18-8-8 / 18-3.4-6.6 EVERGREEN 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 insure 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 gallon	8 inches	18 g	27 g	36 g
3 gallon	10 inches	31 g	47 g	63 g
5 gallon	12 inches	50 g	75 g	100 g
7 gallons	14 inches	70 g	105 g	140 g
10 gallons	16 inches	125 g	187 g	250 g
15 gallons	18 inches	170 g	255 g	340 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) 18-8-8 / 18-3.4-6.6 EVERGREEN 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

LANDSCAPE/PLANTING BED/FIELD: Broadcast application 18-8-8 / 18-3.4-6.6 EVERGREEN

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

KILOGRAMS PER 100 SQ. METRE-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.
- Do not incorporate into media prior to steam sterilization.
- CAUTION: Application of fertilizer materials containing molybdenum (Mo) may result in forage crops containing levels of molybdenum (Mo) that are toxic to ruminant animals.
- For mixes containing soil reduce application rate by approximately 25%.
- When using supplemental liquid feed reduce the rate of this formulation accordingly.
- Avoid the use of media processing equipment that could change the integrity of RLC coating.
- Avoid mounding of fertilizer against base of plant.
- Keep away from pools, ponds, and other bodies of water.
- Do not combine this product with other granular N-P-K fertilizers.
- To avoid build-up of soluble salts occasional leaching may be necessary.

GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)*	18.00%
5.00% Ammoniacal Nitrogen	
4.00% Nitrate Nitrogen	
9.00% Urea Nitrogen ♦	
AVAILABLE PHOSPHATE (P ₂ O ₅)*	8.00%
SOLUBLE POTASH (K ₂ O)*	8.00%
Magnesium (Mg)	0.50%
Sulfur (S)	1.00%
Copper (Cu)	0.05%
Iron (Fe)	0.10%
Manganese (Mn)	0.05%
Molybdenum (Mo)	0.0005%
Zinc (Zn)	0.05%

TOTAL NITROGEN (N)**	18.00%
5.00% Ammoniacal Nitrogen	
4.00% Nitrate Nitrogen	
9.00% Urea Nitrogen ♦	
TOTAL PHOSPHORUS (P)**	3.40%
TOTAL POTASSIUM (K)**	6.60%
Magnesium (Mg) 0.50%	
Sulfur (S)	1.00%
Copper (Cu)	0.05%
Iron (Fe)	0.10%
Manganese (Mn)	0.05%
Molybdenum (Mo)	0.0005%
Zinc (Zn)	0.05%

Derived from Polymer Coated Ammonium Nitrate, Polymer Coated Ammonium Phosphate, Polymer Coated Urea, Polymer Coated Potassium Nitrate, Polymer Coated Potassium Sulfate, Copper Sulfate, Magnesium Carbonate, Magnesium Oxide, Ferrous Oxide, Ferrous Sulfate, Manganese Oxide, Sodium Molybdate, Zinc Sulfate, and Zinc Oxide.

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* The nitrogen, phosphate and potash materials in this product have been polymer-coated to provide 18.00% coated slow release nitrogen (N), 8.00% coated slow release available phosphate (P₂O₅) and 8.00% coated slow release potash (K₂O).

** The nitrogen, phosphorous and potassium materials in this product have been polymer-coated to provide 18.00% coated slow release nitrogen (N), 3.40% coated slow release phosphorous (P) and 6.60% coated slow release potassium (K).

♦ 9.00% slowly available nitrogen from polymer coated urea nitrogen.

PRODUCT COVERAGE:

50 LB. BAGS / 22.68 Kg.

74363 (APEX/TB R2-14-06)

HANDLING PRECAUTIONS:

MSDS: See Reverse

**CAUTION: KEEP OUT OF REACH OF CHILDREN
HARMFUL IF SWALLOWED DO NOT INHALE**