20-8-8 EVERGREEN

GROW BETTER GROW GREEN

DESCRIPTION: A PROFESSIONAL **10 TO 12 MONTH**◊ NURSERY FERTILIZER WITH ALL THE PRIMARY NUTRIENTS COATED FOR OPTIMUM SAFETY AND PERFORMANCE.

BENEFITS:

- APEX® 20-8-8 EVERGREEN releases all the primary nutrients through a process of diffusion using POLYON® Reactive Layers Coating (RLC) controlled release technology.
- Release of nutrients with POLYON® is predictable and reliable. The coating has been precisely applied to ensure the safety and effectiveness of each granule.
- Release of nutrients is not significantly affected by media type, moisture level, pH, or microbial activity.

POWERED BY POLYON® Controlled-Release Fertilizer

SOIL/MEDIA TEMPERATURE RELEASE RATES

50°F	10.0°C	= 14-16 months
60°F	15.5°C	= 12-14 months
70°F	21.0°C	= 10-12 months◊
80°F	26.5°C	= 8-10 months

APEX 20-8-8 EVERGREEN U.S. STANDARD GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)*	20.00%
4.80% Ammoniacal Nitrogen	
3.00% Nitrate Nitrogen	
12.20% Urea Nitrogen	
AVAILABLE PHOSPHATE (P_2O_5)*	8.00%
SOLUBLE POTASH (K_2O)*	8.00%
Magnesium (Mg)	0.50%
Sulfur (S)	2.50%
Copper (Cu)	0.05%
Iron (Fe)	1.40%
Manganese (Mn)	0.05%
Molybdenum (Mo)	0.0006%
Zinc (Zn)	0.05%

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

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*The nitrogen, phosphate, and potash materials in this product have been coated to provide 20.00% coated slow release nitrogen (N), 8.00% coated slow release available phosphate (P_2O_5), and 8.00% coated slow release soluble potash (K_2O).

APEX 20-3.4-6.6 EVERGREEN ELEMENTAL GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)**	20.00%
4.80% Ammoniacal Nitrogen	
3.00% Nitrate Nitrogen	
12.20% Urea Nitrogen	
TOTAL PHOSPHORUS (P)**	3.40%
TOTAL POTASSIUM (K)**	6.60%
Magnesium (Mg)	0.50%
Sulfur (S)	2.50%
Copper (Cu)	0.05%
Iron (Fe)	1.40%
Manganese (Mn)	0.05%
Molybdenum (Mo)	0.0006%
Zinc (Zn)	0.05%

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

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**The nitrogen, phosphorus, and potassium materials in this product have been coated to provide 20.00% coated slow release nitrogen (N), 3.40% coated slow release total phosphorus (P), and 6.60% coated slow release total potassium (K).

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

Techsheets, MSDS and other information on APEX products available at: www.apexfertilizer.com

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.)
1 teaspoon (tsp.)	6.0	0.21
1 tablespoon (tblsp.)	17.6	0.62
1/4 cup	56.0	1.98
1/2 cup	112.8	3.98

POLYON SPOONS

Size	Grams	Oz. (Wt.)	Size	Grams	Oz.(Wt.)
1	10.8	0.38	5	36.1	1.27
2	15.0	0.53	6	51.3	1.81
3	20.6	0.73	7	66.3	2.34
4	25.0	0.88	8	81.9	2.89

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	7 g	11 g	15 g	100mm	1.5 g	2.0 g	3.0 g
2 gallons	8 inches	16 g	24 g	32 g	125mm	2.7 g	4.0 g	5.3 g
3 gallons	10 inches	27 g	42 g	57 g	150mm	4.5 g	6.8 g	9.1 g
5 gallons	12 inches	42 g	67 g	91 g	175mm	8.0 g	12.0 g	16.0 g
7 gallons	14 inches	60 g	95 g	130 g	200mm	12.0 g	18.0 g	24.0 g
10 gallons	17 inches	105 g	165 g	225 g	250mm	25.0 g	40.0 g	55.0 g
15 gallons	18 inches	140 g	220 g	300 g	300mm	35.0 g	53.0 g	71.0 g

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

POUNDS PER CUBIC YARD	LOW 7	MED 11	HIGH 15	KILOGRAMS PER CUBIC METRES	LOW 4	MED 6	HIGH 8

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

POUNDS PER 100 SQ.FT.	LOW 2.5	MED 5	HIGH 7.5	KILOGRAMS PER 100 SQ. METRES	LOW 12	MED 24	HIGH 36

APPLICATION PRECAUTIONS:

Item# 74335_2088evergreen_3-30-09

- 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 controlled release fertilizer.
- Avoid the use of media processing equipment that could change the integrity of RLC.
- 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.