22-6-8 NPK PLUS

GROW BETTER GROW GREEN

DESCRIPTION: A PROFESSIONAL **8 TO 9 MONTH**◊ CONTROLLED RELEASE NURSERY FERTILIZER SPECIFICALLY FORMULATED TO MEET THE NUTRITIONAL NEEDS OF CONTAINER GROWN TREES AND SHRUBS.

BENEFITS:

- APEX® 22-6-8 NPK PLUS provides the improved safety of 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	=	11-12 months
60°F	15.5°C	=	9-10 months
70°F	21.0°C	=	8-9 months◊
80°F	26.5°C	=	6-7 months

APEX 22-6-8 NPK PLUS — U.S. STANDARD

GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)*	22.00%
6.50% Ammoniacal Nitrogen	
5.50% Nitrate Nitrogen	
10.00% Urea Nitrogen	
AVAILABLE PHOSPHATE (P_2O_5)*	6.00%
SOLUBLE POTASH (K_2O) *	8.00%
Magnesium (Mg)	0.50%
Sulfur (S)*	3.00%
Copper (Cu)	0.05%
Iron (Fe)	0.20%
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, Manganese Oxide, Manganese Sulfate, Sodium Molybdate, Zinc Oxide and Zinc Sulfate.

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*A portion of the nitrogen, phosphate, potash and sulfur materials in this product have been coated to provide 22.00% coated slow release nitrogen (N), 6.00% coated slow release available phosphate (P_2O_5), 8.00% coated slow release soluble potash (K_2O), and 2.60% coated slow release sulfur (S).

APEX 22-2.6-6.6 NPK PLUS — ELEMENTAL

GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)**	22.00%
6.50% Ammoniacal Nitrogen	
5.50% Nitrate Nitrogen	
10.00% Urea Nitrogen	
TOTAL PHOSPHORUS (P)**	2.60%
TOTAL POTASSIUM (K) **	6.60%
Magnesium (Mg)	0.50%
Sulfur (S)**	3.00%
Copper (Cu)	0.05%
Iron (Fe)	0.20%
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, Manganese Oxide, Manganese Sulfate, Sodium Molybdate, Zinc Oxide and Zinc Sulfate.

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**A portion of the nitrogen, phosphorus, potassium and sulfur materials in this product have been coated to provide 22.00% coated slow release nitrogen (N), 2.60% coated slow release total phosphorus (P), 6.60% coated slow release total potassium (K), and 2.60% coated slow release sulfur (S).

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.)	6.3	0.22
1 tablespoon (tblsp.)	18.1	0.64
1/4 cup	58.2	2.05
1/2 cup	119.0	4.20

POLYON SPOONS

Size	Grams	Oz. (Wt.)	Size	Grams	Oz.(Wt.)
1	10.4	0.37	5	37.0	1.30
2	15.7	0.55	6	53.2	1.88
3	21.0	0.74	7	68.2	2.41
4	25.9	0.91	8	83.5	2.95

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	6 g	9 g	12 g	100mm	1.2 g	1.8 g	2.4 g
2 gallons	8 inches	13 g	19 g	26 g	125mm	2.4 g	3.7 g	5.0 g
3 gallons	10 inches	23 g	34 g	45 g	150mm	4.0 g	6.0 g	8.0 g
5 gallons	12 inches	36 g	54 g	73 g	175mm	7.0 g	11.0 g	15.0 g
7 gallons	14 inches	52 g	78 g	104 g	200mm	10.0 g	16.0 g	22.0 g
10 gallons	17 inches	91 g	136 g	182 g	250mm	20.0 g	35.0 g	50.0 g
15 gallons	18 inches	121 g	182 g	242 g	300mm	30.0 g	50.0 g	70.0 g

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

POUNDS PER CUBIC YARD	LOW 6	MED 9	HIGH 12	KILOGRAMS PER CUBIC METRES	LOW 3.5	MED 5.5	HIGH 7.5

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

POUNDS PER 100 SQ.FT.	LOW 2	MED 4	HIGH 6	KILOGRAMS PER 100 SQ. METRES	LOW 10	MED 20	HIGH 30

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 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.

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