



# 15-6-11 NPK MAX

**DESCRIPTION:** A PROFESSIONAL HOMOGENEOUS 12 TO 13 MONTH  $\diamond$  CONTROLLED RELEASE NURSERY FERTILIZER FOR WOODY ORNAMENTALS, FOLIAGE PLANTS, AND REFORESTATION CROPS. ALL OF THE PRIMARY NUTRIENTS, MAGNESIUM, SULFUR, AND MICRONUTRIENTS IN APEX 15-6-11 NPK MAX ARE COMBINED WITHIN EACH UNIFORM COATED PELLET, INSURING PRECISE DISTRIBUTION AND RELEASE.

**BENEFITS:**

- APEX® 15-6-11 NPK MAX 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.



**SOIL/MEDIA TEMPERATURE RELEASE RATES**

50°F	10.0°C	= 16-18 months
60°F	15.5°C	= 14-15 months
70°F	21.0°C	= 12-13 months $\diamond$
80°F	26.5°C	= 10-11 months

**APEX 15-6-11 NPK MAX GUARANTEED ANALYSIS:**

**U.S. STANDARD**

TOTAL NITROGEN (N)*	15.00%
8.30% Ammoniacal Nitrogen	
6.70% Nitrate Nitrogen	
AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> )*	6.00%
SOLUBLE POTASH (K <sub>2</sub> O) *	11.00%
Magnesium (Mg)*	1.30%
Sulfur (S)*	6.00%
Copper (Cu)*	0.05%
Iron (Fe)*	0.30%
0.30% Chelated Iron	
Manganese (Mn)*	0.10%
Molybdenum (Mo)*	0.01%
Zinc (Zn)*	0.05%

**APEX 15-2.6-9.1 NPK MAX GUARANTEED ANALYSIS:**

**ELEMENTAL**

TOTAL NITROGEN (N)**	15.00%
8.30% Ammoniacal Nitrogen	
6.70% Nitrate Nitrogen	
TOTAL PHOSPHORUS (P)**	2.60%
TOTAL POTASSIUM (K) **	9.10%
Magnesium (Mg)**	1.30%
Sulfur (S)**	6.00%
Copper (Cu)**	0.05%
Iron (Fe)**	0.30%
0.30% Chelated Iron	
Manganese (Mn)**	0.10%
Molybdenum (Mo)**	0.01%
Zinc (Zn)**	0.05%

Derived from Polymer-Coated Ammonium Nitrate, Polymer-Coated Ammonium Phosphate, Polymer-Coated Sulfate of Potash, Polymer-Coated Magnesium Sulfate, Polymer-Coated Copper Sulfate, Polymer-Coated Iron EDTA, Polymer-Coated Manganese Sulfate, Polymer-Coated Sodium Molybdate, and Polymer-Coated Zinc Sulfate.

Derived from Polymer-Coated Ammonium Nitrate, Polymer-Coated Ammonium Phosphate, Polymer-Coated Sulfate of Potash, Polymer-Coated Magnesium Sulfate, Polymer-Coated Copper Sulfate, Polymer-Coated Iron EDTA, Polymer-Coated Manganese Sulfate, Polymer-Coated Sodium Molybdate, and Polymer-Coated Zinc Sulfate.

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\*All nutrients have been polymer-coated to provide 15.00% coated slow release nitrogen (N), 6.00% coated slow release available phosphate (P<sub>2</sub>O<sub>5</sub>), 11.00% coated slow release soluble potash (K<sub>2</sub>O), 1.30% coated slow release magnesium (Mg), 6.00% coated slow release sulfur (S), 0.05% coated slow release copper (Cu), 0.30% coated slow release iron (Fe), 0.10% coated slow release manganese (Mn), 0.01% coated slow release molybdenum (Mo), and 0.05% coated slow release zinc (Zn).

\*\*All nutrients have been polymer-coated to provide 15.00% coated slow release nitrogen (N), 2.60% coated slow release total phosphorus (P), 9.10% coated slow release total potassium (K), 1.30% coated slow release magnesium (Mg), 6.00% coated slow release sulfur (S), 0.05% coated slow release copper (Cu), 0.30% coated slow release iron (Fe), 0.10% coated slow release manganese (Mn), 0.01% coated slow release molybdenum (Mo), and 0.05% coated slow release zinc (Zn).

**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 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).

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

CONVERSION TABLE			
DRY MEASURE			
Level Measure	Grams	Oz.(Wt.)	
1 teaspoon (tsp.)	5.7	0.20	
1 tablespoon (tblsp.)	17.8	0.63	
1/4 cup	56.1	1.98	
1/2 cup	121.3	4.28	
POLYON SPOONS			
Size	Grams	Oz. (Wt.)	Size Grams Oz.(Wt.)
1	10.5	0.37	5 37.8 1.33
2	15.6	0.55	6 54.2 1.91
3	21.1	0.74	7 71.3 2.52
4	26.4	0.93	8 86.0 3.03

**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	12 g	18 g	24 g	100mm	2.5 g	3.5 g	4.5 g
2 gallons	8 inches	26 g	39 g	52 g	125mm	4.5 g	7.0 g	9.5 g
3 gallons	10 inches	45 g	68 g	91 g	150mm	8.0 g	12.0 g	16.0 g
5 gallons	12 inches	73 g	109 g	145 g	175mm	14.0 g	21.0 g	28.0 g
7 gallons	14 inches	104 g	156 g	207 g	200mm	20.0 g	32.0 g	44.0 g
10 gallons	17 inches	182 g	272 g	363 g	250mm	45.0 g	70.0 g	95.0 g
15 gallons	18 inches	240 g	360 g	480 g	300mm	60.0 g	90.0 g	120.0 g

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

POUNDS PER CUBIC YARD	LOW 12	MED 18	HIGH 24	KILOGRAMS PER CUBIC METRES	LOW 7	MED 11	HIGH 14
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**PLANTING BED: FIELD / Plant Nutrient Requirements (incorporate if possible or use lower rates) as follows:**

POUNDS PER 100 SQ.FT.	LOW 4	MED 8	HIGH 12	KILOGRAMS PER 100 SQ. METRES	LOW 20	MED 40	HIGH 60
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**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.
- CAUTION: Application of fertilizer materials containing Molybdenum (Mo) may result in forage crops containing levels of Molybdenum (Mo) that are toxic to ruminant animals.