





# 19-6-12 NPK

**DESCRIPTION:** A PROFESSIONAL HOMOGENEOUS 7 TO 8 MONTH  $\diamond$  CONTROLLED RELEASE NURSERY FERTILIZER FOR CONTAINER GROWN ORNAMENTAL TREES & SHRUBS. ALL OF THE NUTRIENTS IN APEX 19-6-12 NPK ARE COMBINED WITHIN EACH UNIFORM COATED PELLET, INSURING PRECISE DISTRIBUTION AND RELEASE.

<b>BENEFITS:</b> <ul style="list-style-type: none"> <li>APEX® 19-6-12 NPK provides the improved safety of POLYON® Reactive Layers Coating (RLC) controlled release technology.</li> <li>Release of nutrients with POLYON® is predictable and reliable. The coating has been precisely applied to ensure the safety and effectiveness of each granule.</li> <li>Release of nutrients is not significantly affected by media type, moisture level, pH, or microbial activity.</li> </ul>		<b>POWERED BY</b>  Controlled-Release Fertilizer		<b>SOIL/MEDIA TEMPERATURE RELEASE RATES</b> 50°F 10.0°C = 11-12 months 60°F 15.5°C = 9-10 months 70°F 21.0°C = 7-8 months $\diamond$ 80°F 26.5°C = 5-6 months			
<b>APEX 19 - 6 - 12 NPK</b> <b>GUARANTEED ANALYSIS:</b> TOTAL NITROGEN (N)* ..... 19.00% 10.30% Ammoniacal Nitrogen 8.70% Nitrate Nitrogen AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> )* ..... 6.00% SOLUBLE POTASH (K <sub>2</sub> O) * ..... 12.00% Sulfur (S)* ..... 4.00%  Derived from Polymer-Coated Ammonium Nitrate, Polymer-Coated Ammonium Phosphate, and Polymer-Coated Sulfate of Potash.  POLYON® is a registered trademark owned by Agrium and used under license.  *All nutrient sources in this product have been polymer-coated to provide 19.00% coated slow release nitrogen (N), 6.00% coated slow release available phosphate (P <sub>2</sub> O <sub>5</sub> ), 12.00% coated slow release soluble potash (K <sub>2</sub> O), and 4.00% coated slow release sulfur (S).		<b>U.S. STANDARD</b>		<b>APEX 19 - 2.6 - 9.9 NPK</b> <b>GUARANTEED ANALYSIS:</b> TOTAL NITROGEN (N)** ..... 19.00% 10.30% Ammoniacal Nitrogen 8.70% Nitrate Nitrogen TOTAL PHOSPHORUS (P)** ..... 2.60% TOTAL POTASSIUM (K) ** ..... 9.90% Sulfur (S)** ..... 4.00%  Derived from Polymer-Coated Ammonium Nitrate, Polymer-Coated Ammonium Phosphate, and Polymer-Coated Sulfate of Potash.  POLYON® is a registered trademark owned by Agrium and used under license.  **All nutrient sources in this product have been polymer-coated to provide 19.00% coated slow release nitrogen (N), 2.60% coated slow release total phosphorus (P), 9.90% coated slow release total potassium (K), and 4.00% coated slow release sulfur (S).		<b>ELEMENTAL</b>	

<b>APPLICATION RATES:</b> (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).				<b>DRY MEASURE</b> <table border="1"> <tr> <th>Level Measure</th> <th>Grams</th> <th>Oz.(Wt.)</th> </tr> <tr> <td>1 teaspoon (tsp.)</td> <td>3.7</td> <td>0.13</td> </tr> <tr> <td>1 tablespoon (tblsp.)</td> <td>12.9</td> <td>0.45</td> </tr> <tr> <td>1/4 cup</td> <td>49.6</td> <td>1.75</td> </tr> <tr> <td>1/2 cup</td> <td>102.8</td> <td>3.63</td> </tr> </table>		Level Measure	Grams	Oz.(Wt.)	1 teaspoon (tsp.)	3.7	0.13	1 tablespoon (tblsp.)	12.9	0.45	1/4 cup	49.6	1.75	1/2 cup	102.8	3.63																					
Level Measure	Grams	Oz.(Wt.)																																							
1 teaspoon (tsp.)	3.7	0.13																																							
1 tablespoon (tblsp.)	12.9	0.45																																							
1/4 cup	49.6	1.75																																							
1/2 cup	102.8	3.63																																							
		<b>CONVERSION TABLE</b> <table border="1"> <tr> <th colspan="3">POLYON SPOONS</th> <th colspan="3">POLYON SPOONS</th> </tr> <tr> <th>Size</th> <th>Grams</th> <th>Oz. (Wt.)</th> <th>Size</th> <th>Grams</th> <th>Oz.(Wt.)</th> </tr> <tr> <td>1</td> <td>9.5</td> <td>0.33</td> <td>5</td> <td>32.9</td> <td>1.16</td> </tr> <tr> <td>2</td> <td>13.5</td> <td>0.48</td> <td>6</td> <td>47.9</td> <td>1.69</td> </tr> <tr> <td>3</td> <td>18.7</td> <td>0.66</td> <td>7</td> <td>61.9</td> <td>2.18</td> </tr> <tr> <td>4</td> <td>22.8</td> <td>0.80</td> <td>8</td> <td>75.6</td> <td>2.67</td> </tr> </table>		POLYON SPOONS			POLYON SPOONS			Size	Grams	Oz. (Wt.)	Size	Grams	Oz.(Wt.)	1	9.5	0.33	5	32.9	1.16	2	13.5	0.48	6	47.9	1.69	3	18.7	0.66	7	61.9	2.18	4	22.8	0.80	8	75.6	2.67		
POLYON SPOONS			POLYON SPOONS																																						
Size	Grams	Oz. (Wt.)	Size	Grams	Oz.(Wt.)																																				
1	9.5	0.33	5	32.9	1.16																																				
2	13.5	0.48	6	47.9	1.69																																				
3	18.7	0.66	7	61.9	2.18																																				
4	22.8	0.80	8	75.6	2.67																																				

**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	4 g	8 g	12 g	100mm	0.8 g	1.7 g	2.5 g
2 gallons	8 inches	9 g	18 g	27 g	125mm	1.6 g	3.3 g	5.0 g
3 gallons	10 inches	15 g	30 g	45 g	150mm	3.0 g	6.0 g	9.0 g
5 gallons	12 inches	25 g	50 g	75 g	175mm	5.0 g	10.0 g	15.0 g
7 gallons	14 inches	35 g	70 g	105 g	200mm	8.0 g	15.0 g	22.0 g
10 gallons	17 inches	60 g	120 g	180 g	250mm	16.0 g	33.0 g	50.0 g
15 gallons	18 inches	80 g	160 g	240 g	300mm	22.0 g	44.0 g	66.0 g

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

POUNDS PER CUBIC YARD	LOW 4	MED 8	HIGH 12	KILOGRAMS PER CUBIC METRES	LOW 2.5	MED 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 9	MED 18	HIGH 27
-----------------------	-------	-------	--------	------------------------------	-------	--------	---------

- APPLICATION PRECAUTIONS:** Item# 74340\_19612npk\_3-26-09
- 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.