



# 17-6-12

## WOODY PLANT

# 17-2.5-9.9

## ELEMENTAL AND METRIC

**DESCRIPTION: A 10-12 MONTH\* PROFESSIONAL HOMOGENEOUS CONTROLLED RELEASE NURSERY FERTILIZER FOR LONG TERM FEEDING OF WOODY ORNAMENTALS, FOLIAGE PLANTS, AND REFORESTATION CROPS. ALL OF THE NUTRIENTS IN APEX 17-6-12 / 17-2.5-9.9 WOODY PLANT ARE COMBINED WITHIN EACH UNIFORMLY COATED PELLET, INSURING PRECISE DISTRIBUTION AND RELEASE.**

### BENEFITS: 17-6-12 / 17-2.5-9.9 WOODY PLANT

- 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 ensure the predictability and effectiveness of each granule.

### SOIL/MEDIA TEMPERATURE RELEASE RATES

50°F	10.0°C	=	16 months
60°F	15.5°C	=	14 months
70°F	21.0°C	=	12 months*
80°F	26.5°C	=	10 months
90°F	32.0°C	=	9 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.



Tech sheets, MSDS and other information on APEX products available at [www.apexfertilizer.com](http://www.apexfertilizer.com)

### TOP DRESSING: Rates Per Container

Uniformly apply (topdress) product onto the container surface using the amounts listed below.

### CONVERSION TABLE

Rounded Measure	Grams	Oz. (Wt.)
1 teaspoon (tsp.)	7.6	.26
1 Tablespoon (tbs.)	23	.81
1/4 cup	69	2.4
1/2 cup	160	5.6

CONTAINER VOLUME (gal.)	CONTAINER DIAMETER (in.)	GRAMS TOPDRESS PER CONTAINER Plant Nutrient Requirements		
		LOW	MEDIUM	HIGH
1 gallon	6 inches	11 g	16 g	21 g
2 gallons	8 inches	23 g	35 g	47 g
3 gallons	10 inches	40 g	60 g	80 g
5 gallons	12 inches	65 g	98 g	130 g
7 gallons	14 inches	90 g	140 g	190 g
10 gallons	16 inches	160 g	240 g	320 g
15 gallons	18 inches	210 g	315 g	420 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	4.0 g	6.0 g	8.0 g
150mm	7.0 g	10.0 g	14.0 g
175mm	12.0 g	19.0 g	26.0 g
200mm	19.0 g	29.0 g	39.0 g
250mm	43.0 g	64.0 g	85.0 g
300mm	57.0 g	85.0 g	114.0 g

**INCORPORATION:** Uniformly mix (incorporate) APEX 17-6-12 / 17-2.5-9.9 WOODY PLANT fertilizer into potting media as follows:

POUNDS PER CUBIC YARD-PLANT NUTRIENT REQUIREMENTS		
LOW	MEDIUM	HIGH
11	16	21

KGS. PER CUBIC METRE-PLANT NUTRIENT REQUIREMENTS		
LOW	MEDIUM	HIGH
6	9	12

**PLANTING BED:** FIELD (incorporate if possible or use lower rates.) APEX 17-6-12 / 17-2.5-9.9 WOODY PLANT as follows:

POUNDS PER 100 SQ.FT.-PLANT NUTRIENT REQUIREMENTS		
LOW	MEDIUM	HIGH
2	4	6

KGS. PER 100 SQ. METRES-PLANT NUTRIENT REQUIREMENTS		
LOW	MEDIUM	HIGH
10	20	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 CRF.
- Avoid the use of media processing equipment that could change the integrity of RLC coating.
- Avoid mounding of fertilizer against base of plant.

- This formulation does not contain micronutrients. Please supplement as needed with APEX Micronutrient Formulation following label directions.
- 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.

### GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)* .....	17.00%
9.20% Ammoniacal Nitrogen	
7.80% 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%
4.00% Combined Sulfur	

TOTAL NITROGEN (N)** .....	17.00%
9.20% Ammoniacal Nitrogen	
7.80% Nitrate Nitrogen	
TOTAL PHOSPHORUS (P)** .....	2.50%
TOTAL POTASSIUM (K)** .....	9.90%
Sulfur (S)** .....	4.00%

Derived from Polymer Coated Ammonium Nitrate, Ammonium Phosphate and Potassium Sulfate.

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\* All nutrient sources have been polymer coated to provide 17.00% coated slow release Nitrogen (N), 6.00% coated slow release Phosphate (P<sub>2</sub>O<sub>5</sub>), 12.00% coated slow release Potash (K<sub>2</sub>O) and 4.00% coated slow release Sulfur (S).

\*\* All nutrient sources have been polymer coated to provide 17.00% coated slow release Nitrogen (N), 2.50% coated slow release Phosphorous (P), 9.90% coated slow release Potassium (K) and 4.00% coated slow release Sulfur (S).

**PRODUCT COVERAGE: 50 LB. BAGS / 22.68 Kg.**

74224 (APEX/TB R1-9/06)

**HANDLING PRECAUTIONS: CAUTION: KEEP OUT OF REACH OF CHILDREN**  
**MSDS: See Reverse HARMFUL IF SWALLOWED DO NOT INHALE**