



19-6-13 BLOOM

19-2.5-10.7 ELEMENTAL AND METRIC

Simplot Professional Products

DESCRIPTION: A 3 TO 4 MONTH* PROFESSIONAL HOMOGENEOUS CONTROLLED RELEASE NURSERY FERTILIZER FOR CONTAINER GROWN ANNUALS. ALL OF THE NUTRIENTS IN APEX 19-6-13 / 19-2.5-10.7 BLOOM ARE COMBINED WITHIN EACH UNIFORMLY COATED PELLET, INSURING PRECISE DISTRIBUTION AND RELEASE.

BENEFITS: 19-6-13 / 19-2.5-10.7 BLOOM

- APEX 19-6-13 / 19-2.5-10.7 BLOOM 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 safety and effectiveness of each granule.

SOIL/MEDIA TEMPERATURE RELEASE RATES

50°F	10.0°C	= 6 months
60°F	15.5°C	= 5 months
70°F	21.0°C	= 4 months**
80°F	26.5°C	= 3 months*
90°F	32.0°C	= 2 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 plants.



Tech sheets, MSDS and other information on APEX products available at www.apexfertilizer.com

CONVERSION TABLE

Rounded Measure	Grams	Oz. (Wt.)
1 Teaspoon (tsp.)	7.1	.26
1 Tablespoon (tbs.)	22	.81
1/4 cup	61	2.4
1/2 cup	142	5.6

TOP DRESSING: Rates Per Container

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

CONTAINER VOLUME (gal.)	CONTAINER DIAMETER (in.)	GRAMS TOPDRESS PER CONTAINER Plant Nutrient Requirements			CONTAINER DIAMETER (mm)	GRAMS TOPDRESS PER CONTAINER Plant Nutrient Requirements		
		LOW	MEDIUM	HIGH		LOW	MEDIUM	HIGH
1 gallon	6 inches	3 g	5 g	8 g	100mm	.5 g	1.0 g	1.5 g
2 gallons	8 inches	6 g	11 g	17 g	125mm	1.0 g	2.0 g	3.0 g
3 gallons	10 inches	10 g	20 g	30 g	150mm	2.0 g	3.5 g	5.0 g
5 gallons	12 inches	16 g	32 g	48 g	175mm	3.0 g	6.0 g	9.0 g
7 gallons	14 inches	22 g	44 g	66 g	200mm	5.0 g	9.0 g	14.0 g
10 gallons	16 inches	40 g	80 g	120 g	250mm	10.0 g	20.0 g	30.0 g
15 gallons	18 inches	50 g	100 g	150 g	300mm	14.0 g	28.0 g	42.0 g

INCORPORATION: Uniformly mix (incorporate) APEX 19-6-13 / 19-2.5-10.7 BLOOM nursery fertilizer into potting media as follows:

POUNDS PER CUBIC YARD-PLANT NUTRIENT REQUIREMENTS			KILOGRAMS PER CUBIC METRE-PLANT NUTRIENT REQUIREMENTS		
LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
3	5	8	1.5	3	4.5

PLANTING BED: FIELD (incorporate if possible or use lower rates.) APEX 19-6-13 / 19-2.5-10.7 BLOOM as follows:

POUNDS PER 100 SQ.FT.-PLANT NUTRIENT REQUIREMENTS			KILOGRAMS PER 100 SQUARE METRES-PLANT NUTRIENT REQUIREMENTS		
LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
1	2	3	5	10	15

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 Micro-nutrient Formulation.
- 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)*	19.00%	TOTAL NITROGEN (N)**	19.00%
10.30% Ammoniacal Nitrogen		10.30% Ammoniacal Nitrogen	
8.70% Nitrate Nitrogen		8.70% Nitrate Nitrogen	
AVAILABLE PHOSPHATE (P ₂ O ₅)*	6.00%	TOTAL PHOSPHORUS (P)**	2.50%
SOLUBLE POTASH (K ₂ O)*	13.00%	TOTAL POTASSIUM (K)**	10.70%
SULFUR (S)*	4.00%	SULFUR (S)**	4.00%
4.00% Combined Sulfur			

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

POLYON is a registered trademark of RLC Technologies, L.L.C., Sylacauga, Alabama. Used by permission.

* All nutrients have been polymer coated to provide 19.00% coated slow release Nitrogen (N), 6.00% coated slow release Available Phosphate (P₂O₅), 13.00% coated slow release Potash (K₂O), and 4.00% coated slow release Sulfur (S).

** All nutrients have been polymer coated to provide 19.00% coated slow release Nitrogen (N), 2.50% coated slow release Phosphorus (P), 10.70% coated slow release Potassium (K), and 4.00% coated slow release Sulfur (S).

PRODUCT COVERAGE: 50 LB. BAGS / 22.68 Kg.

74223 (APEX/TB R1-9-06)

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