



13-5-8 PALM PLUS

13-2.1-6.6 ELEMENTAL AND METRIC

DESCRIPTION: A PROFESSIONAL, HIGH QUALITY 3 TO 4 MONTH* CONTROLLED RELEASE FERTILIZER FORMULATED FOR PALMS. **APEX 13-5-8 / 13-2.1-6.6 PALM PLUS** IS SPECIFICALLY FORMULATED FOR USE ON PALMS IN NURSERIES OR LANDSCAPED AREAS.

BENEFITS: APEX 13-5-8 / 13-2.1-6.6 PALM PLUS

- Provides the safety and longevity of POLYON® Reactive Layers Coating (RLC™) controlled release technology.
- Release of the nitrogen is controlled by osmosis and is not affected by soil type, moisture level, pH or microbial activity.
- Osmotic release of nitrogen is predictable and reliable.
- Includes an extensive package of minor elements.

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, sensitive plants.

Use **medium** rate for medium to moderately heavy feeding plants.

Use **high** rate only for heavy feeding hardy plants.

TOP DRESSING - Rates Per Container

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

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

CONVERSION TABLE

Rounded Measure	Grams	Oz. (Wt.)
1 teaspoon (tsp.)	7.6	.18
1 Tablespoon (tbs.)	23	.56
1/4 cup	69	2.4
1/2 cup	130	4.6
1 cup	262	9.2

CONTAINER VOLUME (gal.)	CONTAINER DIAMETER (in.)	GRAMS TOPDRESS PER CONTAINER Plant Nutrient Requirements		
		LOW	MEDIUM	HIGH
1 gallon	6 inches	7 g	10 g	13 g
2 gallons	8 inches	15 g	20 g	30 g
3 gallons	10 inches	25 g	40 g	55 g
5 gallons	12 inches	40 g	60 g	80 g
7 gallons	14 inches	55 g	83 g	110 g
10 gallons	16 inches	95 g	145 g	195 g
15 gallons	18 inches	130 g	195 g	260 g

CONTAINER DIAMETER (mm)	GRAMS TOPDRESS PER CONTAINER Plant Nutrient Requirements		
	LOW	MEDIUM	HIGH
100 mm	1.0 g	2.0 g	3.0 g
125 mm	2.0 g	4.0 g	6.0 g
150 mm	4.0 g	6.0 g	8.0 g
175 mm	7.0 g	11.0 g	15.0 g
200 mm	11.0 g	17.0 g	23.0 g
250 mm	25.0 g	38.0 g	50.0 g
300 mm	34.0 g	50.0 g	66.0 g

INCORPORATION: Uniformly mix (incorporate) **APEX 13-5-8 / 13-2.1-6.6 PALM PLUS** into potting media as follows:

POUNDS PER CUBIC YARD—PLANT NUTRIENT REQUIREMENTS		
LOW	MEDIUM	HIGH
7	10	13

KGS. PER CUBIC METRE—PLANT NUTRIENT REQUIREMENTS		
LOW	MEDIUM	HIGH
4	6	8

SURFACE APPLICATION: Uniformly apply **APEX 13-5-8 / 13-2.1-6.6 PALM PLUS** around drip line of tree.

PALM SIZE	CUPS PER TREE		
	LOW	MEDIUM	HIGH
2-3 ft.	1/2	1	2
4-6 ft.	1	2	3
7-10 ft. & up	2	3	4+

PALM SIZE	GRAMS PER TREE		
	LOW	MEDIUM	HIGH
5-1 metre	130 g	260 g	520 g
1-2 metres	260 g	520 g	780 g
2-3 metres & up	520 g	780 g	1040 g

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.
- CAUTION: The product contains Molybdenum. Use of this product at rates other than those recommended* may cause injury to susceptible plants.
- 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.

GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)*	13.00%
4.60% Ammoniacal Nitrogen (N)	
8.40% Urea Nitrogen (N) ♦	
AVAILABLE PHOSPHATE (P ₂ O ₅)	5.00%
AVAILABLE POTASH (K ₂ O)	8.00%
Calcium (Ca)	4.50%
Magnesium (Mg)	2.80%
Sulfur (S)	7.40%
Copper (Cu)	0.05%
Iron (Fe)	1.50%
Manganese (Mn)	2.30%
Molybdenum (Mo)	0.0005%
Zinc (Zn)	0.10%

TOTAL NITROGEN (N)*	13.00%
4.60% Ammoniacal Nitrogen (N)	
8.40% Urea Nitrogen ♦	
TOTAL PHOSPHORUS (P)	2.10%
TOTAL POTASSIUM (K)	6.60%
Calcium (Ca)	4.50%
Magnesium (Mg)	2.80%
Sulfur (S)	7.40%
Copper (Cu)	0.05%
Iron (Fe)	1.50%
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Derived from Monoammonium Phosphate, Ammonium Sulfate, Polymer Coated Urea, Sulfate of Potash, Muriate of Potash, Calcium Phosphates, Copper Sulfate, Calcium Carbonate, Magnesium Carbonate, Ferrous Oxide, Ferrous Sulfate, Magnesium Oxide, Manganese Oxide, Sodium Molybdate, Zinc Sulfate, and Zinc Oxide.

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* The nitrogen in this product have been coated to provide: 8.40% coated slow release nitrogen.

- ♦ 8.40% slowly available nitrogen from polymer coated urea nitrogen.

PRODUCT COVERAGE: 50 LB. BAGS / 22.68 Kg. **MANUFACTURED IN U.S.A.** 74167 (APEX TB R12-7-04)

HANDLING PRECAUTIONS: CAUTION: KEEP OUT OF REACH OF CHILDREN

MSDS: See Reverse HARMFUL IF SWALLOWED— DO NOT INHALE

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