



# 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. **BEST 13-5-8 / 13-2.1-6.6 PALM PLUS** IS SPECIFICALLY FORMULATED FOR USE ON PALMS IN NURSERIES OR LANDSCAPED AREAS.

### BENEFITS: BEST 13-5-8 / 13-2.1-6.6 PALM PLUS

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

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 or under high soil temperatures.  
 Use **medium** rate for medium to moderately heavy feeding plants.  
 Use **high** rate only for heavy feeding 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 **BEST** products available at [www.bestfertilizer.com](http://www.bestfertilizer.com)



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	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) **BEST 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 **BEST 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 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: Application of fertilizer materials containing Molybdenum (Mo) may result in forage crops containing levels of molybdenum (Mo) that are toxic to ruminant animals.
- 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: 13-5-8 US STANDARD

TOTAL NITROGEN (N) .....	13.00%
4.80% Ammoniacal Nitrogen (N)	
8.20% Urea Nitrogen (N) *	
AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> ) .....	5.00%
AVAILABLE POTASH (K <sub>2</sub> O) .....	8.00%
Calcium (Ca) .....	4.50%
Magnesium (Mg) .....	2.80%
Sulfur (S) .....	7.00%
Copper (Cu) .....	0.05%
Iron (Fe) .....	1.50%
Manganese (Mn) .....	2.30%
Molybdenum (Mo) .....	0.0005%
Zinc (Zn) .....	0.10%

Derived from Monoammonium Phosphate, Ammonium Sulfate, Polymer-Coated Urea, Sulfate of Potash, Muriate of Potash, Calcium Carbonate, Calcium Sulfate, Magnesium Carbonate, Magnesium Oxide, Magnesium Sulfate, Copper Oxide, Copper Sulfate, Iron Oxy-sulfate, Ferric Oxide, Ferrous Sulfate, Manganese Sulfate, Manganese Oxide, Manganese Sulfate, Sodium Molybdate, Zinc Oxide, and Zinc Sulfate.

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 \* 8.20% slowly available urea nitrogen from polymer-coated urea nitrogen.

### GUARANTEED ANALYSIS: 13-2.1-6.6 ELEMENTAL

TOTAL NITROGEN (N) .....	13.00%
4.80% Ammoniacal Nitrogen (N)	
8.20% Urea Nitrogen *	
TOTAL PHOSPHORUS (P) .....	2.10%
TOTAL POTASSIUM (K) .....	6.60%
Calcium (Ca) .....	4.50%
Magnesium (Mg) .....	2.80%
Sulfur (S) .....	7.00%
Copper (Cu) .....	0.05%
Iron (Fe) .....	1.50%
Manganese (Mn) .....	2.30%
Molybdenum (Mo) .....	0.0005%
Zinc (Zn) .....	0.10%

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

74167 (PRO/TB R1-17-08)

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