



Espoma Organic[®] Palm-tone[®] 4-1-5

**All Natural Plant Food with
Bio-tone[®] Microbes**

- ✓ Complex blend of 100% natural & organic ingredients to provide complete & balanced feeding
- ✓ Enhanced with Bio-tone[®] beneficial microbes
- ✓ Long-lasting, slow release
- ✓ Won't burn or leach away
- ✓ The leading choice for palms, hibiscus and tropical plants

Palm-tone[®]

FACT SHEET

Espoma Organic[®] Palm-tone[®] 4-1-5 GUARANTEED ANALYSIS

Total Nitrogen (N).....	4.0%	ALSO CONTAINS NON PLANT FOOD INGREDIENTS Contains a total of 6,000,000 Colony Forming Units (CFU) per gram of the following species:	
0.3% Ammoniacal Nitrogen			
1.2% Other Water Soluble Nitrogen			
2.5% Water Insoluble Nitrogen*			
Available Phosphate (P ₂ O ₅).....	1.0%	Bacillus amyloliquefaciens	1,000,000 CFU/gram
Soluble Potash (K ₂ O).....	5.0%	Bacillus licheniformis	1,000,000 CFU/gram
Calcium (Ca).....	5.0%	Bacillus megaterium	1,000,000 CFU/gram
Magnesium (Mg).....	0.5%	Bacillus pumilus	1,000,000 CFU/gram
0.2% Water Soluble Magnesium (Mg)		Bacillus subtilis	1,000,000 CFU/gram
Sulfur (S).....	1.0%	Paenibacillus polymyxa	1,000,000 CFU/gram
		1% Humic Acids derived from Leonardite	

Derived from: Feather Meal, Poultry Manure, Bone Meal, Alfalfa Meal, Greensand, Sulfate of Potash, and Sulfate of Potash Magnesia.

*Contains 2.5% Slow Release Nitrogen

Directions

1 lb. = 3 Cups

We recommend wearing gardening gloves when feeding your plants

Established Plants

When to Feed: Feed 4 times per year at three month intervals.

How to Apply: For Palms calculate the area beneath the branches of the tree and feed at a rate of 3 lbs. per 100 square feet of area (1 cup per 10 square feet).

For Hibiscus follow rates in the chart below.

For both sprinkle the plant food evenly around the drip line of the plant and mix into the soil.



Potted Plants

New Plants:

When preparing soil for the new plants, mix 2 cups of Palm-tone per cubic foot of soil (1.5 tbsp. per quart).

Established Plants:

Sprinkle 1 tsp. of Palm-tone[®] for every 4 inches of pot diameter into the soil along the outer edge of the pot. Double the rate for pots over 12 inches. Water thoroughly.

Rates for Hibiscus:

Plant Size	Rate (lbs.)	Rate (cups)
Very Small	1/4 lb.	3/4 Cup
Small	1/2 lb.	1 1/2 Cups
Medium	1 lb.	3 Cups
Large	1 1/2 lbs.	4 1/2 Cups

