



All Natural Plant Food with Bio-tone Microbes

- Complex blend of 100% natural organics to provide complete & balanced feeding.
- Enhanced with Bio-tone beneficial microbes.
- Long-lasting, slow release. Won't burn or leach away.
- Environmentally safe. No sludges, hazardous or toxic ingredients.
- The leading choice for palms, hibiscus and tropical plants.

Palm-tone® Plant Food

FACT SHEET

Palm-tone® 4-1-5

GUARANTEED ANALYSIS

Total Nitrogen	4.0%
0.3% . . . Ammoniacal Nitrogen	
1.2% . . . Water Soluble Nitrogen	
2.5% . . . Water Insoluble Nitrogen	
Available Phosphate (P ₂ O ₅)	1.0%
Soluble Potash (K ₂ O)	5.0%
Calcium (Ca)	1.0%
Magnesium (Mg)	0.5%
0.2% . . . Water Soluble Magnesium	
Sulfur (S)	1.0%
Derived from: Hydrolyzed Feather Meal, Pasteurized Poultry Manure, Cocoa Meal, Bone Meal, Alfalfa Meal, Greensand, Humates, Sulfate of Potash, and Sulfate of Potash Magnesia.	
*Contains 2.5% Slow Release Nitrogen.	

ALSO CONTAINS NON PLANT FOOD INGREDIENTS:

Contains 895 colony forming units (CFU's) per gram of the following species:

Acidovorax facilis	21 CFU's per gram
Bacillus licheniformis	208 CFU's per gram
Bacillus megaterium	208 CFU's per gram
Bacillus pumilus	208 CFU's per gram
Bacillus subtilis	208 CFU's per gram
Cellulomonas flavigena	21 CFU's per gram
Paenibacillus polymyxa	21 CFU's per gram

While fertilizer materials have unlimited shelf life, the beneficial microbes in this product are best used within two years of the production date (see side panel for production date). After that time their numbers may be reduced.

The Espoma Company • 6 Espoma Road, Millville, NJ 08332

Directions

One pound equals 3 cups!

Feed four times each year

- Early Spring
- Late Spring
- Mid-Summer
- Fall

Palm Feeding Schedule & Rates

Palm trees should be fed 4 times per year; once every three months. Calculate the area beneath the leaf canopy of the tree and feed at a rate 3 lbs. per 100 square feet of area.

Feed hibiscus four times each year at the rates below.

Plant Size	Amount to Apply	Cups to Apply
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

- For potted plants, use one teaspoon per 4" of pot diameter. Double for pots over 12".
- With frequent watering of potted plants, nutrients may be lost and more frequent application may be required. Feed every 60 days late winter to fall.

For more information about our products and services please contact our customer support department at:

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