



PALM PRO 12-4-12

FOR ALL TROPICAL LANDSCAPE PLANTS & TURF

With 60% SRN + MG, MN, FE, CU, ZN, B, PLUS HUMIC ACID And SUGARS

- FOR USE ON ALL PALMS
- WITH MG, MN & ORGANICS PALMS NEED

GUARANTEED ANALYSIS:

Total Nitrogen (N)	12%
2.8% Urea Nitrogen	
2% Ammoniacal Nitrogen	
7.2% Slowly Available Water Soluble Nitrogen*	
Available Phosphate (P ₂ O ₅)	4%
Soluble Potash (K ₂ O)	12%
Magnesium (Mg)	3%
3% Chelated Magnesium (Mg)	
Boron (B)	0.005%
Copper (Cu)	0.03%
0.03% Chelated Copper (Cu)	
Iron (Fe)	1%
1% Chelated Iron (Fe)	
Manganese (Mn)	2%
2% Chelated Manganese (Mn)	
Zinc (Zn)	0.05%
0.05% Chelated Zinc (Zn)	

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

2%	Humic Acid (derived from Leonardite)
2%	Sugars
0.1%	Yucca schidigera Extract

Derived From: Urea, Methylene Urea, Potassium Carbonate, Ammonium Polyphosphate, Potassium Humate, Simple/complex Sugars, Iron EDTA, Manganese EDTA, Magnesium EDTA, Zinc EDTA, Copper EDTA, Boric Acid. Chelating Agent: EDTA
 *7.2% slowly available Nitrogen from Methylene Urea
 Weight per gallon (Liter) 11 lbs.(1.31 Kg)
 pH 8
 1 gallon contains 1.3 lbs nitrogen

PRODUCT DESCRIPTION:

Palm Pro 12-4-12 can be used on all palm varieties. Many palm species that are not native have special fertility needs and are more susceptible to developing nutrient deficiencies and diseases. Palm Pro can be used for a low water volume palm program as recommended for urban plantings where paved areas make it difficult to apply large volumes of water. Palm Pro has been formulated and tested for low salts so that it will not injure palms. This program utilizes five times less water than a standard program. Be sure to follow all mixing instruction carefully.

Established Palms: The vast majority of palms planted are planted in sandy soils, which have a very low cation capacity and tend to quickly leach nutrients. Established palms require fertilization a minimum of twice per year, ideally four times per year. Palm Pro has an ideal ratio of nitrogen to potassium, which is essential for healthy palms. Palm Pro contains 60% slow release nitrogen, which is important to maintain a continuous feed of nitrogen.

Soil Injection: Begin root injection approximately 2-4 ft. away

- FEEDS SMART N FOR THREE TO FOUR MONTHS
- 100% CHELATED MICROS FOR FAST RESULTS

Palm Program		
Application	Rate	Notes
Established Palms Landscape Areas & Transplant Palms	Soil Injection: Mix 1 gal Palm Pro in 100 gal water.	Inject 1 qt mix per injection hole under canopy. Keep 2'-4' away from trunk. Apply 2-4 times per year.
	Foliar Feeding: 1 oz in 1 gal water. For larger sprays mix 3/4 gal in 100 gal water	Spray to run off. Apply 2-4 times per year.
Containerized and Field Grown Crops, (including but not limited to): Deciduous and Evergreen Trees, Foliage, Ornamental Grasses, Perennials, Tropicals, Woody Ornamentals	Foliar Spray: 1 gallon per 100 gal of water (78- in 100 L water) Rate Per Gallon: 2 1/2 - 5 oz per gal water Injector Ratio: 10 fl oz per gallon of stock tank water. Set injector ratio at 1:100 (78 ml per liter)	Thoroughly spray to point of run-off. Apply every 2-4 weeks. Apply monthly or as needed to supplement nutritional requirements.
Low Water Volume Program	Soil injection for urban areas: Mix 1/2 gal Palm Pro in 40 gals water.	This programs allows you to do a greater number of trees with less water.
All Types of Warm and Cool Season Grasses	Mix 8 fluid ounces per 1,000 square feet.	Apply every 14-28 days.
Interiorscape	Hand watering: 1 oz in 1 gal water.	Drench pot or planter. Fertilize 4 - 6 times per year.

from trunk. Fertilizer under entire canopy in grid pattern. Inject to a depth of 6" – 8" for trees. Inject at a rate of 1 qt. of tank mix per injection site.

Transplant Fertilization: Drench the root ball and soil where

planting the palm with Palm Pro. Palms do not like heavy muck or clay soils and soon become water logged. Palm Pro contains humic acid and yucca which will help loosen the clay structure and allow more drainage.

Foliar Fertilization: Palm Pro can be used as a foliar supplemental program for normal soil fertilization. Foliar applications will correct deficiencies, however, soil fertilization will provide more long lasting results.

STORAGE & HANDLING:

Storage: Freezing does not affect the performance of this product. **Ice crystals** can form below 32° F, but will melt when Palm Pro is restored to room temperature after several hours, or is diluted with water. K-Builder is not corrosive or abrasive. This product has a strong ammonia smell, which is normal.

Mixing: Palm Pro must be first diluted with water prior to mixing with other nutrients or pesticides. When adding acidic materials first dilute with water and then slowly add acidic materials. Always use a jar test before mixing pesticides in your tank. Add products to mix in this order: 1. Wettable powders 2. Flowables. 3. Water solubles 4. Surfactants 5. Emulsifiable concentrates. Be sure to agitate during each addition. Be sure each product is mixed well before adding the next. It is recommended to apply all of the mixture in one day.

CAUTION: Keep out of reach of children. In case of contact with eyes, flush immediately with copious amounts of water. Contact a physician. Do not take internally.

Manufactured By:

