

An airborne fungus causes queen palm fronds to appear misshaped. Queen palms use large amounts of manganese to fight diseases, and build strong fronds. Normal palm tree fertilizers don't provide enough manganese. Over time this manganese deficiency may cause queen palm death.

#### What to do: Plan A

Have us inject the palms yearly with Manganese. Use the Ultra Tree Spike twice a year.



### Plan B do it yourself:

Use the Lutz Manganese Spik now.

Then in 6 months use the Ultra Tree Spike.

Use one spike for every 2 inches of tree diameter.

Repeat yearly.

Manganese Spike #30190		
Manganese (Mn)	20	%
20% Water Soluble Manganese		
Sulfur (S)	16	%
16% Combined Sulfur (S)		
Total Nitrogen (N)	49	6
4% Ammoniacal Nitrogen		
Derived From: Manganese Sulfate, Sulfat	e of Ammonia.	

https://www.lutzcorp.com/t-feedingpalmtrees.aspx This spik is only for queen palms. Be sure to store in a cool place.

#### Watering:

In the summer (May to October), both Whitfield Nursery and Moon Valley Nursery recommend 30 gallons of water twice a week for mature queen palms. For the rest of the year cut back 1/2 to 1/3 of this amount.

## Trimming:

Only trim dead frowns, sterilize saws before cutting frowns, use any household disinfectant spray. When removing dead husks never use a chain saw. When trimming never allow someone to use climbing spikes, (Pole saws or ladder only).

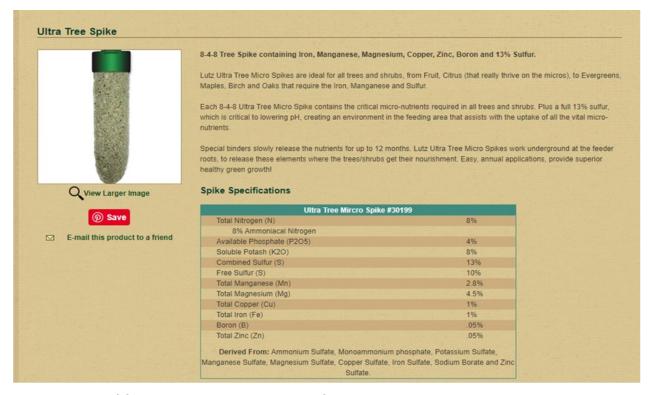
Do it yourself, invest in the best, Silky Telescoping Landscaping Pole Saw Get it on Amazon. Believe me you'll be glad you did.

Warner's Tree Surgery (480) 969-8808

https://warnerstreesurgery.com/



# The advice on this page is good for all palm trees.



https://www.lutzcorp.com/p-24-ultra-tree-spike.aspx

Use the Lutz Manganese Spik now for your Queen Palms. Then in 6 months use the Ultra Tree Spike. Use one spike for every 2 inches of tree diameter. Store in a cool place. sheds and garage's get to hot in the summer time. Repeat yearly.



Palmetto weevils can sense tree sap, and travel from 1/2 mile away to eat your palm trees tops.

To protect your palms treat yearly with Bio Advanced Tree And Shrub.

The Granular is the safest for you to use. You can get it at Home Depot