



PALM NUTRITION



PALM-jet Mg

GRADE: 1-2-2

(030-4130) PALM-jet Mg 1 Liter

(030-4135) PALM-jet Mg Case of 4 Liters

The new formulation of Arborjet's PALM-jet adds Magnesium to maintain green foliage and alleviate symptoms of Frizzle Top and seasonal nutrient deficiencies. Magnesium is an essential component of chlorophyll. PALM-jet Mg features lower rates and a new formulation that results in less wear & tear on equipment, saving you in labor costs and downtime.

GUARANTEED ANALYSIS:

| | |
|--|-------|
| Total Nitrogen (N) | 1.0% |
| 1.0% Urea Nitrogen (N) | |
| Available Phosphate (P ₂ O ₅) | 2.0% |
| Soluble Potash (K ₂ O) | 2.0% |
| Water Soluble Iron (Fe) | 1.0% |
| Water Soluble Manganese (Mn) | 2.2% |
| Water Soluble Magnesium (Mg) | 0.75% |
| Water Soluble Zinc (Zn) | 0.40% |
| Boron (B) | 0.07% |

Treatment Uses & Conditions

- Iron & Manganese Deficiencies
- Nutrient Deficiencies
- Leaf Yellowing
- Interveinal Chlorosis
- Alkaline Soils
- Sandy Soils
- Arid Soils



Untreated



Treated with PALM-jet

TOP TWELVE PALMS



Coconut Palm (*Cocos nucifera*)

Use #3 or #4 Arborplug and inject using QUIK-jet

Common issues: Can be difficult to inject in moist or irrigated soils

Too much applied pressure with QUIK-jet can cause product leak from around Arborplug causing leakage and staining. This is also common in Queen Palms.

Helpful hints: If leakage occurs from around Arborplug then tap Arborplug in slightly deeper into trunk. If leakage still occurs, then wait 5 minutes before continuing the process or move on to another palm. Moving on to another palm will allow time for product to move up in trunk thus creating space for more products. The use of tree flagging tape and a Sharpie to note the dosage will eliminate any misapplication.



Bismarck Palm (*Bismarckia nobilis*)

Use #3 / #4 Arborplug and inject using QUIK-jet

No real injection or uptake issues with this palm.



Royal Palm (*Roystonea oleracea*)

Use #3 / #4 Arborplug and inject using QUIK-jet

This palm has fast uptake in any condition. **Note:** The trunk has a very hard epidermal surface. When drilling into the palm the hole needs to be "rounded" out in the trunk's outer layer to accommodate the Arborplug.



Queen Palm (*Syagrus romanzoffiana*)

Use #3 / #4 Arborplug and inject using QUIK-jet

Note: Queens can be more difficult to inject under wet conditions. Bleeding from injection area can also be an issue when too much pressure is applied during injection process.



Areca Palm (*Chrysalidocarpus lutescens*)

Use #3 Arborplug and inject using QUIK-jet

This is a multi-stem palm and each trunk should be injected separately. Because the Areca trunks are generally small in diameter use the #3 Arborplug and inject only trunks over 3 DBH".



Mexican Fan Palm (*Washingtonia robusta*)

Use STINGER Needle (Palm Injector Kit) with the QUIK-jet or TREE I.V. and #3 / #4 Arborplug

Drill through the palm boot with either the 3/8" or 9/32" drill bit (depending on Arborplug size) until you feel the drill bit hit the trunk. Once you drill to the trunk continue to drill about 1/2" into the trunk. This hole will be the pilot hole for the Arborplug. Switch to the 3/16" drill bit and drill directly into the center of the pilot hole and drill into the trunk 1/3 of the total trunk diameter. Insert the STINGER until the tapered tip is seated into the trunk. Inject through the STINGER needle into the palm. When all the dose is in the palm, wait 30 seconds before removing the STINGER from the trunk to relieve any pressure built up in the trunk. Remove the STINGER and set Arborplug to seal the hole.



Cabbage Palm (*Sabal palmetto*)

Use STINGER Needle with the QUIK-jet or TREE I.V. and #3 / #4 Arborplug on "full boot" palms. Use #3 / #4 Arborplug and inject using QUIK-jet when boot has been removed.

Drill through the palm boot with either the 3/8" or 9/32" drill bit (depending on Arborplug size) until you feel the drill bit hit the trunk.

Once you drill to the trunk continue to drill about 1/2" into the trunk. This hole will be the pilot hole for the Arborplug. Switch to the 3/16" drill bit and drill directly into the center of the pilot hole and drill into the trunk 1/3 of the total trunk diameter. Insert the STINGER until the tapered tip is seated into the trunk. Inject through the STINGER needle into the palm. When the full dose is in the palm, wait 30 seconds before removing the STINGER from the trunk to relieve any pressure built up in the trunk. Remove the STINGER and set Arborplug to seal the hole.



Foxtail Palm (*Wodyetia bifurcate*)

Use #3 / #4 Arborplug and inject using QUIK-jet

This palm has fast uptake in any condition. **Note:** The trunk has a very hard epidermal surface. When drilling into the palm the hole needs to be "rounded" out in the trunk's outer layer to accommodate the Arborplug.



Christmas Palm (*Veitchia merrillii*)

Use #3 Arborplug and inject using QUIK-jet

No real issues with this palm. It is a smaller diameter palm so use the #3 Arborplug.



Canary Date Palm (*Phoenix canariensis*)

Use STINGER Needle with the QUIK-jet or TREE I.V. and #3 / #4 Arborplug

Using either the 3/8" or 9/32" drill bit (depending on Arborplug size); drill 1/2" into the trunk. This hole will be the pilot hole for the Arborplug. Switch to the 3/16" drill bit and drill directly into the center of the pilot hole and drill into the trunk 1/3 of the total trunk diameter. Insert the STINGER until the tapered tip is seated into the trunk. Inject through the STINGER needle into the palm. When the full dose is in the palm, wait 30 seconds before removing the STINGER from the trunk to relieve any pressure built up in the trunk. Remove the STINGER and set Arborplug to seal the hole.



Sylvester Date Palm Tree (*Phoenix sylvestris*)

Use STINGER Needle with the QUIK-jet or TREE I.V. and #3 / #4 Arborplug

Using either the 3/8" or 9/32" drill bit (depending on Arborplug size); drill 1/2" into the trunk between the leaf scars. This hole will be the pilot hole for the Arborplug. Switch to the 3/16" drill bit and drill directly into the center of the pilot hole and drill into the trunk 1/3 of the total trunk diameter. Insert the STINGER until the tapered tip is seated into the trunk. Inject through the STINGER needle into the palm. When the full dose is in the palm, wait 30 seconds before removing the STINGER from the trunk to relieve any pressure built up in the trunk. Remove the STINGER and set Arborplug to seal the hole.



Medjool Date Palm (*Phoenix dactylifera*)

Use STINGER Needle with the QUIK-jet or TREE I.V. and #3 / #4 Arborplug

Using either the 3/8" or 9/32" drill bit (depending on Arborplug size); drill 1/2" into the trunk between the leaf scars. This hole will be the pilot hole for the Arborplug. Switch to the 3/16" drill bit and drill directly into the center of the pilot hole and drill into the trunk 1/3 of the total trunk diameter. Insert the STINGER until the tapered tip is seated into the trunk. Inject through the STINGER needle into the palm. When the full dose is in the palm, wait 30 seconds before removing the STINGER from the trunk to relieve any pressure built up in the trunk. Remove the STINGER and set Arborplug to seal the hole.