



**Palm
Nutrition**



1-866- ARBORJT (272-6758)
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www.arborjet.com

PALM-jet is formulated for palm and other monocots. This product provides the essential micro-elements to alleviate mineral disorders of palms. PALM-jet is highly water-soluble and compatible with plant sap. PALM-jet is formulated from OMRI listed organic chelates which contain the highest quality plant-derived minerals. These minerals are immediately available for use by the plant for growth and development. PALM-jet helps to promote development and function of roots, stem and foliage. PALM-jet supplies 5,000ppm of Manganese to alleviate symptoms of Frizzle Top, a Manganese deficiency.

Guaranteed Analysis:

Iron (Fe).....	0.50%
Manganese (Mn).....	0.50%
Zinc (Zn).....	0.25%
Boron (B).....	0.10%
Copper (Cu).....	0.10%
Other.....	98.55%
Total.....	100.00%

RESTRICTIONS

- ✓ Do not inject trees more than three times annually.
- ✓ Not recommended for newly planted trees.
- ✓ Do not inject drought stressed trees.
- ✓ Do not treat trees that are damaged by herbicides.
- ✓ Do not inject trees within two weeks of any other spray or soil chemical treatment.
- ✓ Do not inject trees during temperature extremes (<40F or >90F)
- ✓ Do not inject trees during leaf expansion.

NOTE: This product is NOT a pesticide

APPLICATION & USES

PALM-jet is formulated for plants growing in poor soils or under high pH water regimens. PALM-jet is for use on landscape ornamentals and interior plantscapes including plantations. To assure optimum effectiveness, this product must be injected or Micro-infused into the active sapwood (xylem).

APPLICATION RATES

**Below shows an example of 1 part PALM-jet : 1 part Water.
PALM-jet may also be diluted with more water, up to 3 parts water.**

Plant Size (height in feet)	PALM-jet Dose (mLs) / Palm	Water (mLs) / Palm	Total Mix Volume (mLs)/ Palm	Number of PRO-Caps or Tree I.V.s	Number of Injection Sites
1-3'	10	10	20	1	1
4-6'	20	20	40	1	1
7-9'	30	30	60	1	1
10-12'	40	40	80	1	1
13-15'	50	50	100	1	1
16-18'	60	60	120	1	1
19-21'	70	70	140	1	1
22-24'	80	80	160	1	1
25-27'	90	90	180	1	1
28-30'	100	100	200	1	1
31-33'	110	110	220	1	1
34-36'	120	120	240	1	1
37-39'	130	130	260	1	1

Note: Tank mix only what you intend to use per tree, or use within 24 hours of mixing.

GENERAL DIRECTIONS

PALM-jet is designed for use with Arborjet Tree Injection Systems, or with injection devices that meet the application and label requirements.

Tree diameter at breast height (DBH) must be measured to determine application rate, and number of injection sites. It's recommended to perform applications to actively growing trees in full leaf. Conditions that favor transpiration are optimal for injection uptake. (i.e., warm soil temperatures >45F, moist, humid conditions). Transpiration in conifers is favored by humid conditions that occur early morning, overcast, rainy or on relatively cool days. Irrigate trees prior to treatment for optimal product uptake.

ARBORJET MICRO-INFUSION™ PROCEDURES

Inject into the trunk tissue immediately above the trunk flare, typically within 12" of the soil. Fully read equipment training manuals before performing Micro-infusions. The STINGER Method using the PRO-cap is recommended for Micro-infusing Palms.

Monocots (ex. Palms) STINGER or VIPER Method

STINGER Method: Use a 7/32" diameter drill bit. Drill bits should be clean and sharp. Drill the hole into the vascular bundle, typically 1/3 the depth of the trunk diameter (e.g., If 12" DBH, Drill 4" deep). Only 1 injection site is required. Push the STINGER needle into the pilot hole. Arborjet recommends this method using the PRO-cap as the equipment for Micro-infusing Palms.

VIPER Method: Use a 7/32" diameter drill bit. Drill bits should be clean and sharp. Drill the hole into the vascular bundle, typically 1/3 the depth of the trunk diameter (e.g., If 12" DBH, Drill 4" deep). Only 1 injection site is required. Then, use a 3/8" diameter drill bit, and drill 5/8" deep into the pilot hole. Set a #4 Arborplug™. Use the VIPER needle. The Arborplug™ will remain in the tree.

Resinous Conifers (ex. Pine, Spruce) PALM-jet is not recommended for conifers

Hardwoods (ex. Oak, Ash, Maple) PALM-jet is not recommended for hardwoods

CLEAN-UP

IMPORTANT! It is critical to rinse the Arborjet Tree Injection System thoroughly after use. Use **CLEAN-jet** or isopropyl alcohol. Residues left in the device may gum, clog or corrode the internal components.

COMPATIBILITY

PALM-jet is formulated to be used alone. PALM-jet cannot be mixed with IMA-jet. Use MICRO-jet Mixable nutrition for IMA-jet compatibility. The physical compatibility of PALM-jet should be tested before use with other products.

To determine the physical compatibility of PALM-jet with other products, use a jar test as described below.

1. Add proportionate amounts of the two products to 1 pint of water, and thoroughly mix.
2. Wait at least 5 minutes. If the combination remains mixed it is physically compatible. If precipitates form, it's not.
3. If compatible, use the same procedure for adding required ingredients to the formulation tank.

NOTE: The safety of all potential tank mixes on all trees listed on this label may not have been tested. Before applying any tank mixture not specifically recommended on this label, the safety to the target tree should be tested. It is not advisable to apply pesticides via trunk injection or infusion applications that do not completely dissolve or disperse in solution. Application of liquid flowables, suspension concentrates, or dispersible granules that do not completely dissolve is NOT recommended.

RESTRICTIONS

Keep away from children
Keep away from heat and open flame

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal
Keep from freezing and store in a cool, dry place.

DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Dispose of empty bottles in a sanitary landfill or by incineration if approved by State and Local authorities.

NOTICE OF WARRANTY

ARBORJET, Inc makes no warranty of fitness of this product for any other purpose, beyond its uses under normal conditions in keeping with the statements made on this label.



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