



# ARBORJET NUTRITION

## MINJET IRON with Manganese

A balanced source of micro-elements to treat for Iron Chlorosis in hardwood trees. MIN-jet Iron is specifically designed for tree injection and quick distribution in the vascular system of trees. MIN-jet Iron is used with Arborjet's injection systems which ensure proper dosage and immediate activity. MIN-jet Iron contains a balanced source of iron, manganese, zinc, boron, and copper.

### GUARANTEED ANALYSIS:

Boron (B) .....	0.10%	Manganese (Mn) .....	0.38%
Copper (Cu) .....	0.10%	0.38% Water Soluble Manganese (Mn)	
0.10% Water Soluble Copper (Cu)		Zinc (Zn) Zinc .....	0.20%
Iron (Fe) .....	0.75%	0.20% Water Soluble Zinc (Zn)	
0.75% Water Soluble Iron (Fe)			

Derived from: Boric Acid, Copper Sulfate, Ferrous Sulfate, Manganese Sulfate, Zinc Sulfate

## ROOTJET IRON with Manganese

ROOT-jet Iron is formulated to supply phosphorus, iron and manganese, essential minerals for root growth and leaf greening. ROOT-jet Iron helps to promote root growth and is recommended for trees in high pH soils that have chronic symptoms of chlorosis (leaf yellowing). ROOT-jet Iron helps to acidify calcareous soils.

### GUARANTEED ANALYSIS:

Total Nitrogen (N) .....	2.0%	Iron (Fe) .....	2.0%
0.28% Urea Nitrogen (N)		2.0% Water Soluble Iron (Fe)	
1.72% Other Water Soluble Nitrogen		Manganese (Mn) .....	1.0%
Available Phosphate as (P <sub>2</sub> O <sub>5</sub> ) .....	4.0%	2.0% Water Soluble Manganese (Mn)	
Soluble Potash (K <sub>2</sub> O) .....	4.0%		

Derived from: Urea Nitrogen, Mono-potassium phosphate, Ferrous Sulfate, Manganese Sulfate.

## PALMJET

**NEW Formulation**

PALM-jet is a water-soluble, buffered fertilizer specifically formulated for Palms and other Monocots. This product provides the essential micronutrients to alleviate mineral disorders of palms. 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.

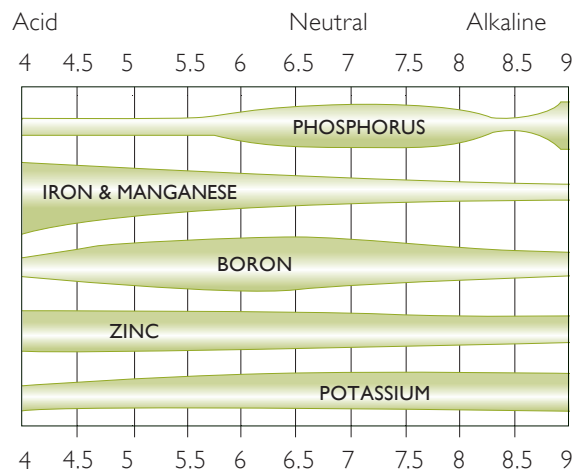
### GUARANTEED ANALYSIS:

Total Nitrogen (N) .....	1.0%	Iron (Fe) .....	2.1%
1.0% Urea Nitrogen (N)		2.1% Water Soluble Iron (Fe)	
Soluble Potash (K <sub>2</sub> O) .....	3.0%	Manganese (Mn) .....	2.2%
Sulfur (S) .....	1.5%	2.2% Water Soluble Manganese (Mn)	
1.5% Water Soluble Sulfur (S)		Zinc (Zn) .....	0.2%
Boron (B) .....	0.2%	0.2% Water Soluble Zinc (Zn)	

Derived from: Urea Nitrogen, Potassium hydroxide, Boric Acid, Ferrous Sulfate, Manganese Sulfate, Zinc Sulfate

### THE EFFECT OF SOIL pH ON NUTRIENT AVAILABILITY IN PLANTS

*The thinner the bar, the less nutrient is available to the plant\**



*"The equipment, products, service, and support from the Arborjet team has been most dependable and appreciated."  
- Rick Roehm, Helena Chemical Aurora, Colorado*

\*Arborjet recommends immediately addressing nutrient deficiencies, and then developing the long-term soil health plan.





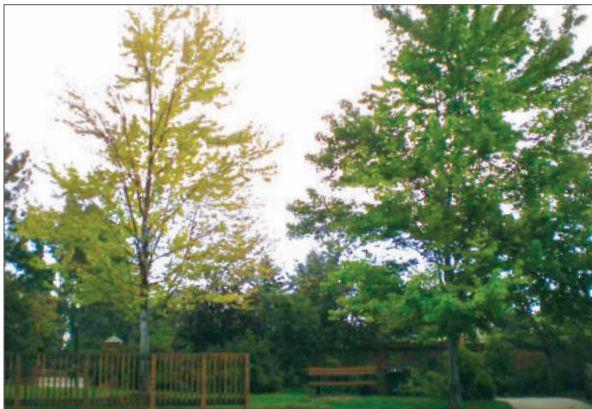
**MIN-jet Iron is effective for:** Hardwood trees including Maple, Ash, Birch, Beech, Cherry, Elms, Lindens and many others.

**PALM-jet is effective for:** Palms and other Monocots.

**ROOT-jet Iron is effective for:** Hardwood trees including Maple, Ash, Birch, Beech, Cherry, Elms, Lindens and many others.

## MINJET IRON with Manganese

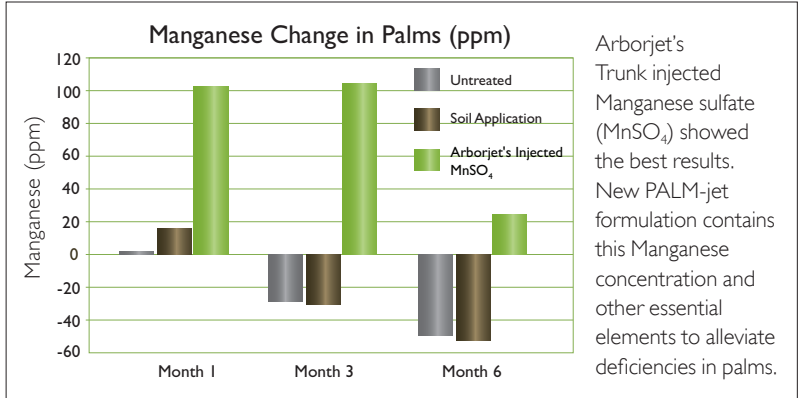
Studies have shown that MIN-jet Iron has alleviated chlorosis in hardwood trees including Maple, Birch, Beech, Cherry, Elms, Lindens and many others.



**UNTREATED VS. TREATED WITH MIN-JET IRON**  
Both Maples were chlorotic and the tree on the right was treated with MIN-jet Iron. Greening response occurred within 2 weeks after application.

## PALMJET

PALM-jet has shown efficacy in alleviating manganese deficiencies in Palms and other Monocots.



Journal: Arboriculture & Urban Forestry AUF-10-0017.R1



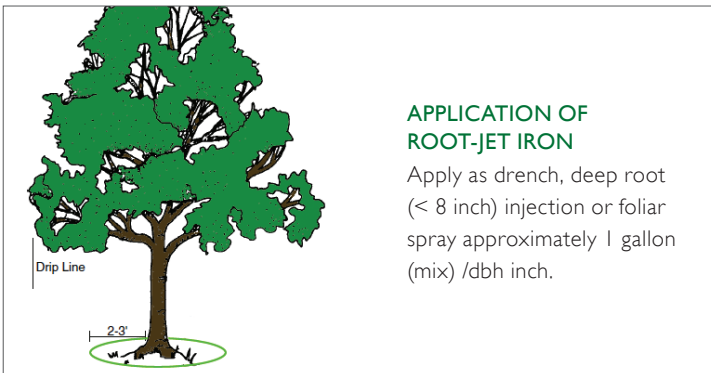
UNTREATED



TREATED WITH PALM-JET

## ROOTJET IRON with Manganese

ROOT-jet Iron supplies phosphorus, iron, and manganese for trees in high pH soils that have chronic symptoms of chlorosis.

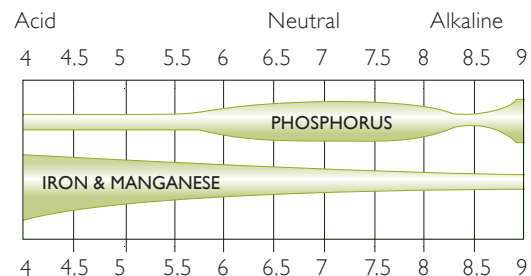


### APPLICATION OF ROOT-JET IRON

Apply as drench, deep root (< 8 inch) injection or foliar spray approximately 1 gallon (mix) /dbh inch.

### THE EFFECT OF SOIL pH ON NUTRIENT AVAILABILITY IN PLANTS

The thinner the bar, the less nutrient is available to the plant\*



©2011 Arborjet, Inc., 99 Blueberry Hill Rd. Woburn MA 01801.

100% Recyclable, 30% Post Consumer Waste

(781)-935-9070 • Visit us on the web today at [www.arborjet.com](http://www.arborjet.com)

99 Blueberry Hill Road, Woburn, MA 01801 ARBORJET, Inc. All Rights Reserved 2011

