

# 18-3-4

Liquid Fertilizer with 10%  
Slow Release Nitrogen

Contains Patented  
Krystal Klear  
Micronutrients

United States Patent No. 6,870,026



## Guaranteed Analysis:

Total Nitrogen (N) . . . . .	18%
10.0% Other Water Soluble Nitrogen*	
0.5% Ammoniacal nitrogen	
7.5% Urea nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) . . . . .	3%
Soluble Potash (K <sub>2</sub> O) . . . . .	4%
Boron (B) . . . . .	0.025%
0.025% Water Soluble Boron (B)	
Iron (Fe) . . . . .	1.0%
1.0% Chelated Iron (Fe)	
Manganese (Mn) . . . . .	0.1%
0.1% Chelated Manganese (Mn)	
Zinc (Zn) . . . . .	0.1%
0.1% Chelated Zinc (Zn)	

Derived From: Monopotassium phosphate, potassium hydroxide, urea, methylene urea, dimethylene urea, iron EDTA, iron IDS, manganese EDTA, manganese IDS, zinc EDTA, zinc IDS and boric acid.

\* 10% Slowly available nitrogen from methylene urea

### CAUTION: KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Avoid breathing spray mist. May cause irritation of nose, throat or skin. Avoid contact with eyes, skin and clothing.

**WARNING:** Some crops may be injured by the application of boron. Contact your county agent or field representative before making application.



This product is manufactured and distributed by:  
LidoChem, Inc. • 20 Village Court, Hazlet, NJ 07730 • 732-888-8000

Vibrant, Krystal Klear and Performance Nutrition are registered trademarks of LidoChem, Inc.

**WEIGHT PER GALLON: 10.5 pounds**

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm> or by writing to LidoChem, Inc. at the address on this label and referring to the lot/batch # on this container.

## Product Description:

Vibrant™ Green 18-3-4 speciality fertilizer is formulated with premium sources of NPK and organic supplements to support healthy turf, trees and ornamentals throughout the growing season. Vibrant Green 18-3-4 is formulated with slow release nitrogen. Vibrant fertilizers contain only patented Krystal Klear™ chelated micronutrients. Vibrant products are ideal for soil or foliar spray applications for turf and ornamentals. Vibrant Green 18-3-4 is compatible with fungicides, herbicides and insecticides and can be mixed and sprayed in one application.

## Application Recommendations:

**Turf applications:** Vibrant Green 18-3-4 can be applied throughout the growing season beginning in early spring and continuing through the late fall.

### Cool Season Grasses

Maintenance applications: 4 to 5 oz per 1,000 sq. ft.  
Severe deficiencies: 6 to 8 oz per 1,000 sq. ft.

### Warm Season Grasses

Maintenance applications: 4 to 8 oz per 1,000 sq. ft.  
Severe deficiencies: 6 to 8 oz per 1,000 sq. ft.

**Trees, Shrubs and Ornamentals:** Vibrant Green 18-3-4 can be applied as needed throughout the year. Applications should be made at rates of 1.0 - 1.5 gallons of Vibrant Green 18-3-4 per 100 gallons of spray solution. Apply 5 gallons of spray solution per diameter inch. Applications should be made as needed throughout the growing season.

## Mixing Instructions:

**Tank Mixes:** Do not mix with pesticides or other chemicals without a compatibility test. An adequate test for compatibility involves mixing in a small container the proper proportions of the product with water and the other ingredients. Agitate and let stand for one hour. If a precipitate forms, then apply the products separately.

Vibrant Green 18-3-4 will disperse in water with little or no agitation. Many pesticides can be applied with Vibrant Green 18-3-4. Follow this mixing sequence: Water, Vibrant Green 18-3-4 and pesticide.

**Conditions of Sale:** Seller warrants this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions and use. No one other than an officer of the seller is authorized to make any warranty, guarantee or direction concerning this product. Because time, place, rate of application and other conditions of use are beyond the seller's control, the seller's liability from handling, storage, and use of this product is limited to replacement of the product or a refund of the purchase price.

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