

F1129



5% Manganese



Performance Nutrition is a division of LidoChem, Inc.

Patented Chelated Micronutrients

United States Patent No. 6,870,026

GUARANTEED ANALYSIS

Manganese (Mn) 5%
 5% Chelated Manganese (Mn)
 Derived from manganese IDS and manganese EDTA

GENERAL INFORMATION

Krystal Klear 5% Manganese IS FORMULATED TO BE USED IN FERTILIZER SOLUTIONS. Broadcast, band or row applications are acceptable, although greater efficiency may be expected from band applications. Micronutrient deficiencies usually occur when plants are small; therefore, micronutrient should be added to the fertilizer at / or before planting. This product is recommended as a supplement to a well-balanced fertilizer program only.

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.

STORAGE INSTRUCTIONS

Krystal Klear 5% Manganese is a chelate with low corrosivity. It is recommended that Krystal Klear 5% Manganese be stored in fiberglass, polyethylene, or polyolefin. Do not stack pallet.

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.

Krystal Klear 5% Manganese will disperse in water with little or no agitation. Many pesticides can be applied with Krystal Klear 5% Manganese. Follow this mixing sequence: Water, Krystal Klear 5% Manganese and pesticide.

TANK BUFFERING: Water with a pH greater than 6 may diminish pesticide efficacy by way of alkaline hydrolysis. Nutrol™, a registered buffer, may be used to lower and maintain the pH of a spray tank and improve application efficacy.

For fertilizer application rates suitable for your geographical area or the maximum allowable annual application rate per acre, consult a trained soil specialist or write to LidoChem, Inc. 20 Village Court, Hazlet, NJ, 07730

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.

APPLICATION INSTRUCTIONS

FOLIAR SPRAY APPLICATION:

When foliar spraying Krystal Klear 5% Manganese through a conventional sprayer, use a minimum of 20 gallons of water per acre, per quart of Krystal Klear Manganese.

When foliar spraying Krystal Klear 5% Manganese in low volume equipment, a maximum of 1 quart per acre is recommended. In low volume sprays with little water, burning may occur.

For best results, spray when the crop is in an active growing stage after irrigation or rainfall. Spray early mornings or late afternoons.

VEGETABLES: Apply 1/2 to 1 quart per acre each spray. Krystal Klear 5% Manganese can be incorporated into the normal spray program.

FIELD CROPS: Apply 1 quart per acre when plants are young. This is the time when the most severe deficiencies occur.

TREE and VINE CROPS: Apply 1 quart per 125 gallons of spray mixture. If concentrated spray is used, increase the concentration in direct proportion to the dilution. The above amount can be split into several applications. Split applications are more beneficial than a single application.

TURF APPLICATION: Apply 1/2 to 1 quart per acre each spray. Krystal Klear 5% Manganese can be incorporated into the normal spray program. Start applications in early spring, and repeat every 14-21 days.

AERIAL APPLICATION:

Consult your local agronomist for aerial application rates and dilutions.

SOIL APPLICATION:

Krystal Klear 5% Manganese is recommended for use on all types of soils. Dilute before use to ensure uniform coverage. The product can be incorporated into liquid fertilizers or applied separately. Soil applications may be made by drip, sprinkler or band application. If you do not have a soil or leaf analysis then apply the following rates:

Maintenance Application - 1 quart per acre.

Moderate Deficiency - 2 to 3 quarts per acre.

Heavy Micronutrient Deficiency - 4 quarts per acre.

If you have a soil or leaf analysis recommendation apply Krystal Klear 5% Manganese at the following rates:

Elemental Manganese required by soil or leaf test (lbs./acre)	Quarts of Krystal Klear 5% Manganese	Pounds of Krystal Klear 5% Manganese
1	0.75	2
2	1.50	4
3	2.25	6
4	3.00	8

WEIGHT PER GALLON: 10.8 pounds

NET CONTENTS: 5 Gallons **NET WEIGHT:** 18.9 Liters 54 Lbs. 24.5 Kgs.

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.

This product is manufactured and distributed by:

LidoChem, Inc. • 20 Village Court • Hazlet, NJ 07730 • 732-888-8000

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