

Manganese Dextro-Lac[®]

Science-Driven NutritionSM

THE DEXTRO-LAC[®] ADVANTAGE

Agro-K's Manganese Dextro-Lac[®], a foliar micronutrient, is derived from manganese carbonate. A series of proprietary manufacturing processes are used to separate the manganese from the carbonate molecule and link it to a polysaccharide molecule creating a nutrient product linked to a sugar base. The term Dextro-Lac[®] is used to convey the process and resulting product.

The Dextro-Lac[®] process creates a foliar manganese product that can quickly penetrate plant tissue – leaves, buds, fruit skin and bark. Nutrient uptake happens directly through the cell walls. Once inside the cell, the manganese polysaccharide molecule is easily metabolized and mobilized by the plant system.

Guaranteed Analysis

Manganese (Mn) 5.0%

Derived From

Manganese Carbonate

Availability

1, 2.5, 5, 55 and 250 gallon
10, 20 and 200 liter

Directions For Use

Foliar: Apply 1 to 4 quarts per acre (2.5 to 10 liters per hectare) with sufficient water for thorough coverage. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops. For best results spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is above 85°F/30°C. Ground: Apply 2 to 4 quarts per acre (5 to 10 liters per hectare). Ground application can be via conventional ground sprayer or metered through irrigation. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

FOLIAR NUTRIENTS



Suggested Uses

Tomatoes, Peppers, Cucumbers

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply the first application 7 days after transplanting, thinning or at second true leaf stage. Apply subsequent applications at 14 day intervals as needed to correct deficiencies or supplement nutritional requirements.

Lettuce, Spinach and Other Leafy Vegetables as well as Broccoli, Cauliflower and Other Brassica Varieties

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply the first application 7 days after transplanting, thinning, or at second true leaf stage. Apply one or two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Corn, Beans and Peas

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. A first application can be ground applied with starter fertilizers if carefully mixed in a dilute solution (contact Agro-K for more information). Otherwise, apply the first application at the second or third leaf. Apply one to two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Strawberries

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply the first application 7-10 days after transplanting. Reapply at 7-14 day intervals or as needed to supplement nutritional requirements.

Potatoes, Onions and Other Vegetable Root, Bulb or Tuber Crops

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply the first application 2-3 weeks post emergence. Apply one to two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

Almonds, Walnuts and Other Nut Crops

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply first application at bud break. Apply subsequent applications at petal fall and nut fill or as needed to supplement nutritional requirements.

Plums, Peaches, Cherries and Other Stone Fruits

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply first application at green tip on plums and at pink bud on nectarines and other stone fruit. Apply subsequent applications at 30 day intervals up to pit hardening or as needed to supplement nutritional requirements.

Apples, Pears and Other Pome Fruits

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply first application at green tip or bud break. Apply subsequent applications at petal fall and post thinning as needed to supplement nutritional requirements.

Citrus and Avocados

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at 30 day intervals up to harvest or as needed to supplement nutritional requirements.

Grapes

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply first application two weeks prior to bloom. Apply subsequent applications as needed and determined by leaf analysis.

Raspberries, Blackberries and Other Caneberries

Apply 1 to 4 pints per acre (1 to 5 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at 7-14 day intervals as needed to supplement nutritional requirements.

