



CALCIUM CHELATE

(CHELATING AGENT-EDTA)



A chelate for use only on agricultural and horticultural crops and ornamentals.

GUARANTEED ANALYSIS

Calcium (Ca) 9.5%
 9.5% Chelated Calcium (Ca)
 Chelating agent is EDTA (ethylenediaminetetraacetic acid).
 F501

FOR TREATMENT OF SOILS AND CROPS WHERE CALCIUM DEFICIENCY IS DIAGNOSED OR SUSPECTED.

To improve foliage absorption and effectiveness, add Nu-Film-17 to all foliar applied sprays. **Miller Calcium Chelate** is particularly suitable for foliar application, inclusion in liquid feeds and hydroponic mixes and for soil application.

MIXING

Miller Calcium Chelate is soluble in water. Add the weighed amount of the powder, slowly, to the bulk of the water and stir or agitate until dissolved. If pesticides are to be used in the spray mix, add them after the Calcium Chelate has dissolved.

SYMPTOMS OF CALCIUM DEFICIENCY

Calcium deficiency usually appears in the young leaves and near the growing points of stems and in the roots. The young leaves may be severely distorted with the tips hooked back and the margins curled backward or forward. The leaf margins may show brown scorching or spotting effects with spectacular die-back of stems near the growing points. These effects are most pronounced in tomato and celery crops.

CROPS SUSCEPTIBLE TO CALCIUM DEFICIENCY

Miller Calcium Chelate is recommended for crops such as alfalfa, almonds, avocados, apples, broccoli, cabbage, cauliflower, carrots, celery, citrus, corn, lettuce, milo, melons, nectarines, rice, pears, peaches, pecans, peppers, plums, prunes, potatoes, peanuts, sorghum, sugar beets, sweet corn, sugar cane, strawberries, tomatoes, turnips, walnuts, watermelons, wheat and most other crops.

GENERAL INFORMATION

Calcium deficiencies are becoming more and more prevalent. They normally appear during the rapid growing, flowering and/or fruiting stages. No source of calcium can completely overcome these problems. Because of the nature of calcium deficiency (growing point disorders), **Miller Calcium Chelate** should be applied in multiple applications.

APPLICATION RATES OF MILLER CALCIUM CHELATE

- 1. FIELD CROPS:** Before sowing or planting—soil application
 Apply at the rate of 1 to 2 lbs. per acre (1 to 2 kg. per hectare) as a soil application.
 Apply by sprayer in a convenient volume of water and cultivate into the soil. **Miller Calcium Chelate** may often be mixed with a nitrogen solution or with pre-planting herbicide sprays.
- 2. VEGETABLE CROPS:** Standing crops—foliar spraying
 Apply **Miller Calcium Chelate** at the rate of 1/2 to 1 lb. per acre per week in the normal spray program. The higher rates should be used prior to the time that the deficiency usually shows up.
- 3. FRUIT TREES:** Apply 1/2 to 1 lb. **Miller Calcium Chelate** per acre in a suitable amount of water for coverage.
- 4. STRAWBERRIES:** To improve the size, shelf-life and firmness, use 1 lb. **Miller Calcium Chelate** when berries are marble size. Repeat using 1 lb. per acre when the berries are mature size, but still green; and a third application at 1 lb. per acre when the berries are pink to red.
- 5. PEANUTS:** Spanish and small seeded varieties of peanuts: 1 lb. per acre at early bloom. Florunner variety: 1 lb. per acre. The application may be split into two applications. Large seeded Virginia varieties: in addition to land plaster, apply 1 lb. per acre, at early bloom.

Miller Calcium Chelate is physically compatible in spray tanks with most Peanut Leaf Spot Control fungicides *i.e.*, Benlate, Bravo, Manzate, etc. Do not apply **Miller Calcium Chelate** with oil. When adding **Miller Calcium Chelate** to Leaf Spot programs, allow for additional water in spray tank.

6. FOLIAR SOLUBLE SPRAYS: The addition of Miller Nutri-Leaf or Sol-U-Gro may improve absorption and efficiency of micronutrient uptake. The recommended rate of Miller Nutri-Leaf or Sol-U-Gro should be used at 2 to 3 lbs. per acre. For maximum effect and to reduce the potential for crop injury from any foliar spray, apply during early morning or late evening, not in bright sunshine.

CAUTION: Do not apply more than 1 lb. per acre of any single chelate or mixture of chelates per foliar application as crop injury may occur. Multiple chelate applications should be made at no less than 10 to 14 day intervals to reduce the potential for crop injury.

PRECAUTIONS

Wash hands with soap and water before meals and after work. Store in the original container, tightly closed, in a dry place. Store away from children, pets, livestock and foodstuffs.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>

Use this product in accordance with good agronomic practices, which include utilizing proven spray equipment set for proper coverage. Do not make applications when temperatures are too hot, as crop damage may occur. Applications should be made at temperature levels and when other environmental conditions in your area are such that your experience indicates the application will be compatible and will accomplish the desired result.

NOTICE OF WARRANTY: Miller warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Miller. In no case shall Miller be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. MILLER MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

Information concerning the raw materials composing this product can be obtained by writing to Miller Chemical & Fert. Corp., P.O. Box 333, Hanover, PA 17331. Please refer to the product/batch number found on this container.

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Product No. 21865

KEEP OUT OF REACH OF CHILDREN
CAUTION

Manufactured For
MILLER CHEMICAL & FERTILIZER CORPORATION
 P.O. Box 333
 Hanover, Pennsylvania 17331, USA
 Product of Netherlands

Net Weight 55 lb (24.95 kg)