



# D & M Chem

## Eclipse™

Guaranteed Analysis

By weight

|   |        |
|---|--------|
| Calcium (Ca) .....                              | 25.00% |
| Derived from Calcium Carbonate                  |        |
| Contains 3.44 LB. Ca. per gallon                |        |
| Density: 14.00 Lbs. Per gallon @ 68 degrees F   |        |
| Do Not Store at Temperatures Below 32 degrees F |        |
| Sold in 250 gallon bulk shuttles                |        |

### GENERAL INFORMATION

This is a non-phytotoxic micronutrient solution for foliar and soil applications. The Calcium is highly available and absorbed by leaves and new woody shoots, or the root system, because of the sequestering agent's complexing ability.

Do not use aluminum or copper (including brass or bronze components in any handling or storage equipment for this product. Mild steel components should not be used except for emergency service. Use stainless steel (316 or better), polyolefin (polyethylene, polypropylene, etc.), fiberglass, or other high-quality acid-resistant plastic materials. Check with equipment manufacturer for compatibility of components prior to use with this product.

### General Recommendations

**FOLIAR APPLICATIONS:** For best absorption into the plant, apply this product in early morning or late evening. For aerial applications use at least 1 gallon of water for every pint of this product applied to the crop. Consult your local Farm advisor for information on sensitive varieties and hybrids.

D&M CHEM ECLIPSE is designed for use on crops grown on neutral to acid soils. D&M CHEM ECLIPSE is best used foliar or ground applied. Application of D&M CHEM ECLIPSE should begin prior to fruit formation and continue throughout harvest at 1 to 3 gallons per acre. **CAUTION:** This fertilizer is intended for use only on crops identified on this label. Its use on any other crops or under conditions other than those recommended may result in serious injury to crops.

### FRUIT AND NUT CROPS:

APPLES, PEARS, FILBERTS, PECANS, CITRUS, STONE FRUITS, GRAPES, AND OTHER FRUIT AND NUT CROPS: Foliage: Mix 1 to 3 gallons per acre with sufficient water and apply as a thorough cover spray. Applications should begin before bloom and continue through harvest at 1 to 3 gallons per acre.

### APPLICATION RECOMMENDATIONS

D&M CHEM ECLIPSE is recommended for application to the following crops:

|                  |             |             |              |              |
|------------------|-------------|-------------|--------------|--------------|
| Alfalfa          | Celery      | Milo        | Peppers      | Strawberries |
| Almonds          | Citrus      | Mint        | Plums        | Sugar Cane   |
| Apples           | Corn        | Nectarines  | Pomegranates | Sugar Beets  |
| Apricots         | Cotton      | Nursery     |              | Sweet Corn   |
| Asparagus        | Cranberries | Stock       | Potatoes     | Tomatoes     |
| Avocado          | Cucumbers   | Oats        | Pasture &    | Turf Grass   |
| Barley           | Figs        | Olives      | Range Grass  | Walnuts      |
| Beans (all)      | Garlic      | Onions      | Prunes       | Watermelons  |
| Boysenberries    | Grapes      | Ornamentals | Rape         | Wheat        |
| Broccoli         | Grass       | Peaches     | Rice         |              |
| Brussels sprouts | Hops        | Pears       | Safflower    |              |
| Carrots          | Lettuce     | Peanuts     | Soybeans     |              |
|                  | Melons      | Pecans      | Spinach      |              |

### FOR USE ON CROPS AND ORNAMENTALS

**BEAN FOLIAGE:** Apply 1 to 3 gallons per acre prior to bloom on determinate and indeterminate varieties with post emergence herbicide application. Continue applications at 1 to 3 gallons per acre until pods have formed.  
**COTTON FOLIAGE:** Apply 1 to 3 gallons per acre prior to bloom with existing pesticide program (includes post emergence herbicides.) Continue application at 1 to 3 gallons per acre until first boll split.  
**POTATOES FOLIAR:** Apply 1 to 3 gallons per acre prior to bloom. Continue application of 1 to 3 gallons per acre until 2 weeks prior to defoliation.  
**VEGETABLE CROPS:** Apply 1 to 3 gallons per acre before fruit has formed. Continue applications of 1 to 3 gallons per acre until 2 weeks prior to harvest.  
**COLE CROPS:** Same as Vegetable Crops.

### For Sunburn and heat stress protection

Apply Eclipse when or before fruit or vegetables are 1 1/4 inch in diameter and before temperatures and U.V. rays reach a critical level.

- #1. First application should be with 3 gallons Eclipse in enough water for good coverage on top fruit exposed and side fruit.
- #2. Second application should be 7 days after the first at 2.5 - 3 gallons of Eclipse per acre.
- #3. Third application at 1.5 to 2 weeks after second at 2.5 - 3 gallons of Eclipse per acre.
- #4. Subsequent sprays should be made based on heat stress & later maturing fruit. 2 - 3 gallons of Eclipse is necessary.
- #5. Eclipse should be repeated any time the fruit has outgrown the previous application until harvest.

### OTHER CROPS AND USES

**ORNAMENTALS, CONTAINER GROWN TREES AND SHRUBS, AND FIELD GROWN STOCK:** Soil: Apply 4 to 16 ounces per 100 sq. ft. Repeat application at fertilization or regular intervals. **Foliage:** Apply 1 to 3 gallons per acre as a thorough cover spray. **GREENHOUSE-GROWN CHRYSANTHEMUMS, ROSES, CARNATIONS, AND POTTED FLORAL PLANTS:** Soil only: Apply 4 to 12 ounces per 100 sq. ft. at regular intervals with fertilizer or drip irrigation. **TURF GRASSES:** Apply 1 gallon per acre or 4 to 8 ounces per 1000 sq. ft. Mix with water, liquid fertilizer solution or pesticide solution and apply in early spring. Repeat as needed.

### FOR APPLICATION IN IRRIGATION WATER

**PIVOT SPRINKLE, OVERHEAD AND SOLID SET IRRIGATION:** Apply 1 to 8 gallons per acre with irrigation water. The product may be incorporated into fertilizer and/or pesticide before injection. Use back-flow check valve to prevent material from running back into water system.

### NOTICE

D&M Chem Inc. Warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of the 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 D&M Chem. In no case shall D&M Chem be liable for consequential, special or indirect damages resulting from the use of handling of this product. All such risks shall be assumed by the buyer. D & M Chem make no warranties or Merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

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