



A HUBER COMPANY



A SUPERIOR SHADE PRODUCT

Liquid Calcium Acetate & Calcium Carbonate

GUARANTEED ANALYSIS

Calcium (Ca).....30%

Derived from: Calcium Acetate, Calcium Carbonate

Patent # US7695541B1

F000501

GENERAL INFORMATION

REFLECTIONS is a patented blend of soluble calcium acetate combined with micro sized particles of calcium carbonate. The combination provides plant and fruit surfaces with a dual nutrient-reflectant benefit.

SHAKE WELL BEFORE USE
KEEP OUT OF REACH OF CHILDREN

Guaranteed By: MILLER CHEMICAL & FERTILIZER, LLC
P.O. Box 333, Hanover, PA 17331

Density per gallon: 10.6 lbs. @ 68°
Contents: 275 gallons (1,040 liters)
Net Weight: 2,915 lbs.

DIRECTIONS FOR USE

HEAT STRESS REDUCTION

REFLECTIONS small, micro-sized deposits provide excellent coverage on leaf and fruit surfaces. Proper nutritional and heat stress reduction requires applications be made prior to high heat or solar stress conditions. Multiple applications may be required to achieve and maintain adequate results. The use of REFLECTIONS has been shown to reduce sunburn incidence but is not a cure for sun scald.

USE RATES: GROUND

Vegetables, Small Fruit, and Row Crops: Apply 1 to 2 gallons of REFLECTIONS per acre in a suitable volume of water for good coverage based on plant canopy density. Typical application volume rates may be from 20 to 100 GPA.

All Crops: In order to minimize potential visible residue at harvest apply REFLECTIONS at 2 to 3 quarts per acre up to 14 days before harvest with adequate water for good coverage.

Tree Crops: Apply 1 to 4 gallons of REFLECTIONS per acre in a suitable volume of water for good coverage. Typical application volume rates may be from 50 to 150 GPA based on plant density. Enhancement of brightening reflectance may be obtained by using lower water volumes relative to product use rate.

USE RATES: BY AIR

All Crops: Apply REFLECTIONS at a ratio of 1 gallon of product per 10 gallons of water. Larger tree crops may require 2 gallons of REFLECTIONS in 20 gallons of water for maximum coverage and benefit.

BLACK PLASTIC MULCH: To reduce black plastic mulch temperatures apply REFLECTIONS at 1 to 2 gallons in a minimum of 50 gallons of water and spray on black plastic. A sticker such as NU FILM® 17 should be used at 1/2 pint per tank to improve prolonged adhesive and retention of REFLECTIONS. Maintain agitation during the spray application.

GENERAL DIRECTIONS (NUTRIENT USE)

REFLECTIONS provides a high calcium load that combines immediately soluble calcium acetate with calcium carbonate.

REFLECTIONS may be used on all growing crops. Soil applications should be made at 1 to 3 gallons per acre early in the season for best results.

RECOMMENDED RATES

DRIP IRRIGATION: Use REFLECTIONS at the rate of 1-2 pints per acre through the drip line on a 5 to 7 day schedule or as needed.

FOLIAR APPLIED: Use REFLECTIONS at the rate of 1-2 pints per acre in a minimum of 20 gallons of water applied every 7 to 10 days as needed.

SOIL APPLIED: Use REFLECTIONS at the rate of 1-3 gallons per acre mixed with 10-25 gallons of water per acre applied to the soil after planting and up to four weeks before harvest.

VINE AND TREE CROPS

SOIL APPLIED: Use REFLECTIONS at the rate of 1-3 gallons in 10-25 gallons of water applied to the soil within the drip line to provide needed calcium to the roots. Apply after petal drop and up to four weeks before harvest.

PEANUTS AND POTATOES

SOIL APPLIED: Use REFLECTIONS at the rate of 1-3 gallons per acre mixed with 10-25 gallons of water per acre applied to the soil before or after planting and up to 50% ground coverage of foliage. It may also be applied after first hilling on potatoes. Spray REFLECTIONS on hill and allow irrigation or rainfall to incorporate.

MIXING DIRECTIONS

REFLECTIONS is compatible with most insecticides and fungicides. Jar test ALL materials to be used with REFLECTIONS prior to mixing. Add water to mixing tank and begin agitation THEN add REFLECTIONS. REFLECTIONS is a suspension concentrate. To facilitate ease of application through spray equipment we highly recommend using a 16 to 30 mesh screen. Agitation should be maintained throughout the application.

STORAGE AND DISPOSAL: Store product in the original container in a warm, dry place. Do not open product containers in fields and leave them for extended periods of time. The product will be reactive to heat. Avoid product freezing, warranty will be voided. Do not refill or re-use empty container. Recycle empty container after use in accordance with federal, state, and local regulations. Information regarding the contents and levels of metals in this product is available on the internet at:

http://www.aapfc.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. The use of this material being beyond our control and involving elements of risk to human beings, animals and vegetation, we do not make any warranty, express or implied, as to the effects of such use, when this product is not used in accordance with the direction as stated on this label.

Information concerning the raw materials composing this product can be obtained by calling 800-233-2040.