



REFLECTIONS™

Liquid Calcium Acetate & Carbonate

Patent # US7695541B1
F000501

GUARANTEED ANALYSIS

Calcium (Ca).....30%
Derived from: Calcium Acetate, Calcium Carbonate

NUTRITIONAL USE

REFLECTIONS provides a high calcium load that combines immediately available calcium with a longer, gradual release. **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.

FRUIT AND VEGETABLE CROPS

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.

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.

SHAKE WELL BEFORE USE

KEEP OUT OF REACH OF CHILDREN

Manufactured For

SCIENCE PRODUCTS DIVISION
P.O. Box 333, Hanover, PA 17331

Guaranteed By

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

Net Weight per gallon 10.6 lb
Contents: 2x2.5 gallon (53 lb net weight)

Tote 275 gallon (2,940 lb net weight)

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.

HEAT STRESS REDUCTION

REFLECTIONS small micron sized deposits provide excellent coverage on leaf and fruit surfaces. Deposits not immediately absorbed help regulate plant temperatures and ultra violet radiation from the sun. 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. **REFLECTIONS** is not cure for sun scald. **REFLECTIONS** may also be used on black plastic mulch to reduce temperatures.

DIRECTIONS FOR USE

Apply 1 to 2 gallons of **REFLECTIONS** in 5 to 20 gallons per acre for row and vegetable crops and 50 to 100 gallons of water for tree crops.

Black Plastic Mulch - **REFLECTIONS** should be applied at 1 to 2 gallons per acre in sufficient water for coverage. A sticker such as Nu Film® 17 should be applied to allow prolonged adhesion and heat stress reduction on the plastic mulch.

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**.

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.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.

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.