



GLACIER

AGRICULTURAL
FROST PROTECTION

CRYOPRECTANT INGREDIENTS60.0%
INERT INGREDIENTS40.0%

GENERAL INFORMATION

GLACIER is designed as a tool in frost protection and should be used in conjunction with other protection controls and practices.

GLACIER works as an anti-freeze solution within the plant structures which allows the plant to withstand colder temperatures. The cryoprotectant material contained in GLACIER acts as an ice nucleation inhibitor to the natural bacteria on the plant surface.

APPLICATION INFORMATION:

GLACIER should be applied alone. Do not mix GLACIER with other chemicals unless you have tested for compatibility both in the tank and on the plant surface. Because of its ability to translocate within the plant, GLACIER should not be applied close to the application of other materials not intended to be taken into the plant. Do not apply to plants with known susceptibility to zinc toxicity. Always clean spray tank with approved tank cleaner before mixing GLACIER.

CAUTION:

Do not apply to runoff as it may cause phytotoxicity on leaf surface. Do not add GLACIER within 7 days before or after applications of copper based products. Do not add a spray adjuvant with GLACIER. It is recommended that a limited field test with GLACIER be performed to determine suitability of GLACIER for the specific crop under the particular local conditions which exist. This product should be applied 24-48 hours before anticipated frost. If rain occurs within 24 hours, a re-application may be necessary. Do not apply during full bloom.

DIRECTIONS FOR USE

FRUIT AND NUT CROPS: Broadcast Application

Almonds, Pecans, Pistachios, Walnuts, Apples, Cherries, Apricots, Peaches, Plums, Nectarines, Pears: Apply 4 quarts per acre at bud break to first bloom. Do not apply during full bloom. If necessary, apply again after petal fall but before husk drop. Do not make later applications on apples after the fruit is present.

Grapes: Apply 2-4 quarts per acre between bud break and when canes reach 12 inches (6th leaf). Apply again at 1-2 week intervals if needed. Do not apply more than 8 quarts per acre over a single season. Consult your farm advisor about varieties which may be sensitive to GLACIER.

Citrus and Avocados: Apply 4-6 qt/ac before frost danger and repeat as needed in 3-4 week intervals as needed.

Berries: Apply 4 qt/ac before frost and at 2-3 week intervals as needed.

VEGETABLE CROPS

Beans, Peas, Seed Crops, Broccoli, Brussels Sprouts, Cauliflower, Celery, Cucumber, Onions, Melons, Spinach, Squash: Apply 2-4 qt/ac before frost and repeat at 2-3 week intervals as needed.

Potatoes, Yams: Apply 4 qt/ac before frost and repeat at 2-3 week intervals as needed.

Tomatoes, Peppers: Apply 3-4 quarts per acre to established plants and repeat every 1-2 weeks as needed. Do not apply when plants are in full bloom.

FIELD CROPS

Hops, Jojoba: Apply 4 quarts per acre before frost danger and repeat in 3-4 week intervals as needed.

Sugar Beets: Apply 4 qt/ac before frost danger and repeat at 1-2 week intervals

ADJUST RATE TO APPROPRIATE LEVEL FOR A "SPRAYED ACRE" APPLICATION.

CONDITIONS OF SALE:

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use. Weather, crop conditions, timing and methods of application, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

CAUTION: KEEP OUT OF REACH OF CHILDREN

If this product gets into eyes, wash with water for 15 minutes. If irritation persists, seek medical attention. If this product gets onto skin, wash immediately with water and seek medical attention for prolonged irritation. Do not induce vomiting if this product is swallowed. Give large amounts of water and seek medical attention. Wear protective goggles and impervious gloves and clothing as appropriate for this or other agricultural sprays.

BACKPACK SPRAYER INFORMATION

If applying with a backpack sprayer, it is critical to use a consistent and even spray pattern for proper distribution of material. Calculate rates to a "sprayed acre" basis. Make sure sprayer has been cleaned with an approved tank cleaner before using to mix GLACIER.

CUSTOM AGRICULTURAL FORMULATORS
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