

SUMMER STRESS MASTER

With "UTE"

0-0-31

GUARANTEED ANALYSIS

Soluble Potash (K₂O) 31.00%

Derived from: potassium phosphite . Contains no available phosphate

FL 1852

KEEP OUT OF REACH OF CHILDREN - CAUTION

<p>30 gal. (18.93 liters) Net Wt.: 399.0 lbs. (180kg) Wt. Per Gal. 13.3 lbs</p>	<p>2 x 2.5 gal. (18.92 liters) Net Wt. per Gal. 13.3 lbs. or 6.0 kg 66.50 lbs. case weight (30.16 kg)</p>	<p>55 gal (208.19 liters) Net Wt.: 732 lbs. (332. kg)</p>	<p>2.5 gal. Net Wt. 13.3 lb. per. Gal.</p>
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11712 230th St
Linwood, Kansas 66052
Phone 785-542-2577

PRECAUTIONARY STATEMENTS CAUTION

BEFORE USING THIS PRODUCT, READ ALL PRECAUTIONS, DIRECTIONS FOR USE, CONDITIONS OF SALE-LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES.

May cause irritation. May cause skin irritation. May be harmful if ingested. Avoid skin and eye contact. Wear suitable gloves and face shield when handling this product. Avoid contact with or inhalation of the spray mist. Do not apply this product in such a manner as to directly expose workers or other persons. If product is being mixed with pesticides and/or spray adjuvants, follow all precautionary statements on the accompanying product(s) labeling.

What To Do In Case Of Contact:

If Swallowed: If conscious, give milk or water to drink. Immediately call a doctor.

Eye Contact: Flush eyes with clean water for 15 minutes, holding eyelids open. Obtain medical attention immediately.

Skin contact: Remove contaminated clothing and wash skin thoroughly with soap and water. Obtain medical attention immediately.

If Inhaled: Move to fresh air and call a doctor if irritation develops or persists.

If there is contact made with the spray solution containing pesticides and/or spray adjuvants, follow the "Statement of Practical Treatment" (First Aid) statement on the product's labeling.

STORAGE AND DISPOSAL

Store in a cool, dry area, out of reach of children and livestock. Protect from freezing. Keep container tightly closed. Do not allow water to be introduced to the contents of this container. Store at temperatures above 32° F. Do not contaminate water sources by cleaning of equipment or disposal of spray waste. Dispose of empty containers by triple rinsing with detergent solution or puncture and discard empty containers in a landfill in accordance with current local, state, and federal regulations.

GENERAL INFORMATION

Applications of Stress Master can be beneficial to plant growth, including root development, flowering, and transplant establishment. This product may be applied through various application equipment and techniques, including air, ground, and conventional sprayers. This product, and phosphorus acid products, are intended to be used as a supplement to a well balanced fertilizer treatment program. It is not intended to be a

substitute for sound soil fertilization and conventional cultural practices. Thorough coverage of foliage is necessary for best results when used as a foliar treatment. Avoid foliar application under extremes of climate, e.g. rapid drying conditions, extremely slow drying conditions, frost, rain, or when frost or rain are anticipated. As a soil application to annual crops, a lesser response from the initial crop, with a corresponding superior response from succeeding crops, may be observed. In addition, placement close to seeds or root zones may be injurious to crops. The effect may be aggravated by a soil pH below 6.5. For additional information on product or programs or if you are unfamiliar with any of the application methods, contact your Quest Products Corp.

DIRECTIONS FOR USE

Precaution: Stress Master is a highly concentrated material. Exercise precautions to prevent potential root or foliar injury (including burning), or plant media pH changes, irrigation system damage or injector system damage. If applying Stress Master on its own, or in combination with other materials, a compatibility test is recommended to avoid potential incompatibilities. Prior to the addition of Stress Master to a spray mix, the user or application advisor must have experience with the combination or must have conducted a phytotoxicity trial. Use sufficient water to ensure thorough coverage.

GROUND APPLICATION : VEGETABLE CROPS

Suggested Rates: Beans: 1 pint to 4 pints/acre per application. First application after thinning or second true leaf stage, subsequent applications at 10 to 14 day intervals as required. A 2% solution of Stress Master by spray volume is the maximum permissible rate for foliar application or, for each 1 pint/acre Stress Mater Si, add 6 1/4 gallons water per acre.

Cole Crops (Broccoli, Brussels Sprouts, Cabbage, Calabrese, Cauliflower): 1 pint to 4 pints/acre per application. First application post transplanting, thinning, or second true leaf stage, subsequent applications at 10 to 14 day intervals as required. A 2% solution of Stress Master by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre Stress Master add 6 1/4 gallons water per acre.

Lettuce, Spinach, Other Leafy Vegetables: 1 pint to 4 pints/acre per application. First application post transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. A 2% solution of Stress Master by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre Stress Master add 6 1/4 gallons water per acre.

Cucurbits – Cucumbers, Melons: 1 pint to 4 pints/acre per application. First application post transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. A 2% solution of Stress Master by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre Stress Master add 6 1/4 gallons water per acre.

Peas: 1 pint to 4 pints/acre per application. First application post transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. A 2% solution of Stress Master by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre Stress Master add 6 1/4 gallons water per acre.

Potatoes, Root, Bulb or Tuber Crops: 1 pint to 4 pints/acre per application. First application post transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. A 2% solution of Stress Master by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre Stress Master add 6 1/4 gallons water per acre.

Strawberries: 1 pint to 4 pints/acre per application. First application post transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. A 2% solution of Stress Master by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre Stress Master add 6 1/4 gallons water per acre.

Sugar beets: 1 pint to 4 pints/acre per application. First application post transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. A 2% solution of Stress Master by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre Stress Master add 6 1/4 gallons water per acre.

Tomatoes, Peppers, Eggplant: 1 pint to 4 pints/acre per application. First application post transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. A 2% solution of Stress Master by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre Stress Master add 6 1/4 gallons water per acre.

GROUND APPLICATION :FIELD CROPS

Suggested Rates: **Cotton:** 1 to 4 pints per acre.

PERMANENT CROPS

Suggested Rates:

Apples, Pears (Pome Fruit): 1 pint to 4 pints/acre. First application at green tip, subsequent treatments at 30 day intervals or as needed. A 2% solution of Stress Master by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre Stress Master add 6 1/4 gallons water per acre.

Almonds: 1 pint to 4 pints/acre. First application at green tip, subsequent treatments at 30 day intervals up to nut fill or as needed. A 2% solution of Stress Master by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre Stress Master add 6 1/4 gallons water per acre.

Avocado: 1 pint to 4 pints/acre. First application at pre-bloom, subsequent treatments at 30 day intervals or as needed.

A 2% solution of Stress Master by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre Stress Master add 6 1/4 gallons water per acre.

Cranberries, Blackberries, Raspberries & Other Berries: 1 pint to 4 pints/acre. First application at pre-bloom, subsequent treatments at 30 day intervals or as needed. A 2% solution of Stress Master by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre Stress Master add 6 1/4 gallons water per acre.

Citrus: 1 pint to 4 pints/acre. First application at pre-bloom, subsequent treatments at 30 day intervals or as needed. A 2% solution of Stress Master by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre Stress Master add 6 1/4 gallons water per acre.

Grapes: 1 pint to 4 pints/acre. Table Grapes: Apply first application at bloom, subsequent applications at bunch pre-closing, veraison and two to three weeks prior to harvest, or as needed. Wine Grapes: Apply first application at approximately 5% bloom, subsequent applications at bunch pre-closing, veraison and two to three weeks prior to harvest, or as needed. A 2% solution of Stress Master by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre Stress Master add 6 1/4 gallons water per acre.

Hops: Apply 2 pints to 4 pints/acre. First application at 1 inch to 4 inches of shoot growth, subsequent applications at 8 inches to 10 inches of shoot growth and 5 feet to 6 feet after trellising, and during bloom, or as needed. A 2% solution of Stress Master by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre Stress Master add 6 1/4 gallons water per acre.

Kiwi Fruit: 1 pint to 4 pints/acre. First application at pre-bloom, subsequent treatments at 30 day intervals or as needed. A 2% solution of Stress Master by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre Stress Master add 6 1/4 gallons water per acre.

Olives: 1 pint to 4 pints/acre. First application at pre-bloom, subsequent treatments at 30 day intervals or as needed. A 2% solution of Stress Master by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre Stress Master add 6 1/4 gallons water per acre.

Plums, Peach, (Stone Fruit): 1 pint to 4 pints/acre. First application at green tip or pink bud, subsequent treatments at fruit set, thinning, and two to three weeks prior to harvest, or as needed. A 2% solution of Stress Master by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre Stress Master add 6 1/4 gallons water per acre.

Walnuts and Other Nut Crops: 2 pints to 4 pints/acre. First application at green tip, subsequent treatments at 30 day intervals or as required. A 2% solution of Stress Master by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre Stress Master add 6 1/4 gallons water per acre.

APPLICATION TO TURF, ORNAMENTALS, NURSERY, COMMERCIAL LANDSCAPE, AND GOLF COURSES

Stress Master may be applied through various application equipment including air, ground, and conventional sprayers at 10 to 500 gallons of water per acre. For each pint of Stress Master Si, use 6 1/4 gallons of water per 1,000 sq. ft. A

2% solution of Stress Master by spray volume is the maximum permissible rate for foliar applications.

Suggested Rates:

Evergreen Species (including trees, shrubs, foliage plants) Plant Health Program: Apply as a foliar application on a 10-14 day schedule or as necessary to maintain plant vigor using a 0.5% v/v solution (6.4 oz. per 10 gal. water).

Deciduous Species (including trees, shrubs, foliage plants) Plant Health Program: Apply as a foliar application on a 10-14 day schedule or as necessary to maintain plant vigor using a 0.5% v/v solution (6.4 oz. per 10 gal. water).

General Application Timing: First application at bud break, continue plant vigor program until plant senescence. Do not apply during dormancy.

Perennial and Annual Species (including bedding plants, annuals, and perennial plantings)

Bedding Plants: Apply as a foliar application at the fourth true leaf stage. Continue applications at 10-14 day intervals or as necessary to maintain plant vigor.

Transplanting: Prior to transplanting, apply as a foliar spray, using a 0.5% v/v solution or temporarily immerse the transplant.

Plant Health Program: Apply as a foliar application on a 10-14 day schedule or as necessary to maintain plant vigor using a 0.5% v/v solution (6.4 oz. per 10 gal. water).

Turf: Warm and cool season turf including commercial landscape, golf course, lawn care and sod farms growing the following: Bent grass, Blue grass, Rye grass, Zoysia grass, Bermuda grass, Fescue grass, St. Augustine grass, Centipede grass, and Poa Annua. Rate: 3 oz.-8 oz. per 1,000 sq. ft. every 14-21 days. Rate and frequency of application may vary due to active growth periods and grass cultivars.

Plant Health Program: Application of Stress Master containing potassium may aid in reducing summer stress due to increased potassium levels if soil medium is not sufficient to meet the need. Stress Master is recommended for use as a supplement to a well balanced fertilizer program only.

MIXING INSTRUCTIONS

Prior to any fertilizer or pesticide application, all spray mixing and application equipment must be cleaned. A tank cleaner is recommended. Carefully observe all cleaning directions on the pesticide label. Fill the spray or mix tank one half full of water and begin agitation. Add pesticides and/or fertilizers as directed by labeling or in the following sequence.

1. *Dry flowables or water dispersible granules*
2. *Wettable powders*
3. *Flowables*
4. *Emulsifiable concentrates*
5. *Water based solutions*
6. *Compatibility agents*
7. *Micronutrients and fertilizers*
8. *Spray adjuvants*

CONDITIONS OF SALE

1. All goods supplied are made from high grade materials and are believed to be suitable for use.
2. As no control can be exercised over storage, handling, mixing application or use, or weather, plant or soil conditions before, during, or after application, (and all of which may affect the performance of the goods), NO RESPONSIBILITY for or liability for any failure in performance, losses, damages, or injuries (consequential or otherwise) arising from such storage, mixing, application, or use will be accepted under any circumstances whatsoever, and buyer assumes all responsibility for use of the product.
3. These conditions cannot be modified, varied, or waived by our staff, distributors, or retailers, whether or not they advise or assist in the storage, handling, mixing, or use of the goods, and such persons shall be entitled to the benefit of Clause 2.
4. MAXIMUM LIABILITY. Limited to replacement of faulty goods only.