



# Phosphite MAX

## 0-0-30

### GUARANTEED ANALYSIS

Soluble Potash (K<sub>2</sub>O) ..... 30.00%

Derived from potassium phosphite and kelp. This product is obtained when phosphorus acid is neutralized with potassium hydroxide. Contains 4.77 lbs/gal phosphorous acid. Contains no available phosphate as (P<sub>2</sub>O<sub>5</sub>).

### KEEP OUT OF REACH OF CHILDREN

### WARNING

- May be harmful if swallowed
- May be harmful in contact with skin
- Causes eye irritation
- Causes mild skin irritation
- May be harmful if inhaled

WEIGHT PER GALLON: 13.3 lbs (6.03 kg) @ 68°F SN 101614/0516G

- NET CONTENTS:  2.5 gal. (9.46 L)  
 55 gal. (208.19 L)  
 250 gal. (946.35 L)  
 Bulk

Formulated with 

Information about the components of this lot of fertilizer may be obtained by writing to Helena Chemical Company, 225 Schilling Boulevard, Suite 300, Collierville, TN 38017 and giving the lot number which is found on the container.

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

F224

MANUFACTURED FOR  
 HELENA CHEMICAL COMPANY  
 225 SCHILLING BOULEVARD, SUITE 300  
 COLLIERVILLE, TN 38017  
 901-761-0050

### PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### WARNING

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

May be harmful if swallowed. May be harmful in contact with skin. Causes eye irritation. Causes mild skin irritation. May be harmful if inhaled. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or smoking tobacco. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE): Wear protective eyewear (goggles or face shield), chemical-resistant gloves, long-sleeved shirt and long pants, and shoes plus socks. Do not smoke, drink, or eat while using this product. Take off any contaminated clothing and wash before reuse.

### FIRST AID

IF IN EYES:	<ul style="list-style-type: none"> <li>• Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
IF SWALLOWED:	<ul style="list-style-type: none"> <li>• Call a POISON CENTER or doctor immediately.</li> <li>• Rinse mouth. Do NOT induce vomiting.</li> <li>• Do not give anything by mouth to an unconscious person.</li> <li>• Immediately call a POISON CENTER or doctor.</li> </ul>
IF INHALED:	<ul style="list-style-type: none"> <li>• Move person to fresh air and keep at rest in a position comfortable for breathing if they feel unwell.</li> <li>• If not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> </ul>

**Disclaimer:** Always refer to the label on the product before using Helena or any other product.

	<p>possible.</p> <ul style="list-style-type: none"> <li>• Call a POISON CENTER or doctor for treatment advice.</li> </ul>
IF ON SKIN OR HAIR:	<ul style="list-style-type: none"> <li>• Take off immediately all contaminated clothing. Rinse skin with water or shower.</li> <li>• Get medical attention if irritation develops or persists.</li> <li>• Wash contaminated clothing before reuse.</li> </ul>
<b>HOT LINE NUMBER</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.	

### STORAGE AND DISPOSAL

Keep container tightly closed. May be stored in unheated area, but keep from freezing. Do not contaminate water sources by cleaning of equipment or disposal of rinse-water. Dispose of empty containers by triple rinsing (or equivalent) with water and pouring rinsate into spray tank. Recycle rinsed containers whenever possible or puncture and discard empty containers in a landfill in accordance with current local, state, International and federal regulations.

### GENERAL INFORMATION

ELE-MAX PHOSPHITE MAX 0-0-30 is a formulated treatment for Potash deficiencies in a wide range of vegetable, permanent and ornamental crops. Applications of ELE-MAX PHOSPHITE MAX 0-0-30 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 is 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 local Helena Chemical Company representative or authorized Helena dealer. It is not recommended to use additional surfactants and/or adjuvants with this product.

### DIRECTIONS FOR USE

**Precaution:** ELE-MAX PHOSPHITE MAX 0-0-30 is a highly concentrated material. Exercise precautions to prevent potential root or foliar injury (including burning), plant media pH changes, irrigation system or injection system damage. If applying ELE-MAX PHOSPHITE MAX 0-0-30 or in combination with other materials, a compatibility test is recommended to avoid potential incompatibilities. Prior to the addition of ELE-MAX PHOSPHITE MAX 0-0-30 to a spray mix, the user or application advisor must have experience with the combination or must have conducted a phytotoxicity trial. Do not mix with fixed copper or copper based fungicides if the pH of the spray solution is below 6 pH. Use sufficient water to ensure thorough coverage. It is not recommended to use additional surfactants and/or adjuvants with this product.

### 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 ELE-MAX PHOSPHITE MAX 0-0-30 by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre ELE-MAX PHOSPHITE MAX 0-0-30, add 6-¼ 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 ELE-MAX PHOSPHITE MAX 0-0-30 by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre ELE-MAX PHOSPHITE MAX 0-0-30 add 6-¼ 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 ELE-MAX PHOSPHITE MAX 0-0-30 by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre ELE-MAX PHOSPHITE MAX 0-0-30, add 6-¼ 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 ELE-MAX PHOSPHITE MAX 0-0-30 by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre ELE-MAX PHOSPHITE MAX 0-0-30 add 6-¼ 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 ELE-MAX PHOSPHITE MAX 0-0-30 by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre ELE-MAX PHOSPHITE MAX 0-0-30 add 6-¼ 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 ELE-MAX PHOSPHITE MAX 0-0-30 by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre ELE-MAX PHOSPHITE MAX 0-0-30 add 6-¼ 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 ELE-MAX PHOSPHITE MAX 0-0-30 by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre ELE-MAX PHOSPHITE MAX 0-0-30 add 6-¼ gallons water per acre.

Sugarbeets: 1 pint to 4 pints/acre. First application post-transplanting or thinning, subsequent applications at 10-14 day intervals as required. A 2% solution of ELE-MAX PHOSPHITE MAX 0-0-30 by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre ELE-MAX PHOSPHITE MAX 0-0-30 and 6-¼ 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 ELE-MAX PHOSPHITE MAX 0-0-30 by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre ELE-MAX PHOSPHITE MAX 0-0-30 add 6-¼ gallons water per acre.

#### GROUND APPLICATION

##### FIELD CROPS

Such crops listed below (but not limited to):

Barley, Corn, Oats, Peanuts, Rice, Soybeans, Sugar Beets and Wheat

Suggested Rates:

Use 1-4 pints per acre. Apply at flag leaf emergence or early bloom or early reproductive stage and repeat in 14-21 day intervals. A 2% solution of ELE-MAX PHOSPHITE MAX 0-0-30 by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre ELE-MAX PHOSPHITE MAX 0-0-30 add 6-¼ gallons water per acre.

#### GROUND APPLICATION

##### 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 ELE-MAX PHOSPHITE MAX 0-0-30 by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre ELE-MAX PHOSPHITE MAX 0-0-30 add 6-¼ 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 ELE-MAX PHOSPHITE MAX 0-0-30 by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre ELE-MAX PHOSPHITE MAX 0-0-30 add 6-¼ gallons water per acre.

Avocado: 1 pint to 4 pints/acre, first application at prebloom, subsequent treatments at 30 day intervals or as needed. A 2% solution of ELE-MAX PHOSPHITE MAX 0-0-30 by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre ELE-MAX PHOSPHITE MAX 0-0-30 add 6-¼ gallons water per acre.

Caneberries, Blackberries, Raspberries & Others: 1 pint to 4 pints/acre, first application at prebloom, subsequent treatments at 30 day intervals or as needed. A 2% solution of ELE-MAX PHOSPHITE MAX 0-0-30 by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre ELE-MAX PHOSPHITE MAX 0-0-30 add 6-¼ 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 ELE-MAX PHOSPHITE MAX 0-0-30 by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre ELE-MAX PHOSPHITE MAX 0-0-30 add 6-¼ 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 ELE-MAX PHOSPHITE MAX 0-0-30 by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre ELE-MAX PHOSPHITE MAX 0-0-30 add 6-¼ 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 ELE-MAX PHOSPHITE MAX 0-0-30 by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre ELE-MAX PHOSPHITE MAX 0-0-30, add 6-¼ 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 ELE-MAX PHOSPHITE MAX 0-0-30 by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre ELE-MAX PHOSPHITE MAX 0-0-30 add 6-¼ 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 ELE-MAX PHOSPHITE MAX 0-0-30 by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre ELE-MAX PHOSPHITE MAX 0-0-30 add 6-¼ gallons water per acre.

Plums, Peaches (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 ELE-MAX PHOSPHITE MAX 0-0-30 by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre ELE-MAX PHOSPHITE MAX 0-0-30 add 6-¼ gallons water per acre.

Walnuts & 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 ELE-MAX PHOSPHITE MAX 0-0-30 by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre ELE-MAX PHOSPHITE MAX 0-0-30, add 6-¼ gallons water per acre.

#### AERIAL APPLICATION

##### VEGETABLE CROPS

Suggested Rates:

Beans: 1 pint to 4 pints/acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. Dilute 1 to 4 pints ELE-MAX PHOSPHITE MAX 0-0-30 in 10 to 20 gallons water.

Cole Crops (Broccoli, Brussels Sprouts, Cabbage, Calabrese, Cauliflower): 1 pint to 4 pints/acre per application. First application post-transplanting, or thinning subsequent applications at 10 to 14 day intervals as required. Dilute 1 to 4 pints ELE-MAX PHOSPHITE MAX 0-0-30 in 10 to 20 gallons water.

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. Dilute 1 to 4 pints ELE-MAX PHOSPHITE MAX 0-0-30 in 10 to 20 gallons water.

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. Dilute 1 to 4 pints ELE-MAX PHOSPHITE MAX 0-0-30 in 10 to 20 gallons water.

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. Dilute 1 to 4 pints ELE-MAX PHOSPHITE MAX 0-0-30 in 10 to 20 gallons water.

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. Dilute 1 to 4 pints ELE-MAX PHOSPHITE MAX 0-0-30 in 10 to 20 gallons water.

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. Dilute 1 to 4 pints ELE-MAX PHOSPHITE MAX 0-0-30 in 10 to 20 gallons water.

Sugarbeets: 1 pint to 4 pints/acre per application. First application post-transplanting or thinning subsequent applications at 10 to 14 day intervals as required. Dilute 1 to 4 pints ELE-MAX PHOSPHITE MAX 0-0-30 in 10 to 20 gallons water.

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. Dilute 1 to 4 pints ELE-MAX PHOSPHITE MAX 0-0-30 in 10 to 20 gallons water.

#### AERIAL APPLICATION

##### FIELD CROPS

Such crops listed below (but not limited to):

Barley, Corn, Oats, Peanuts, Rice, Soybeans, Sugar Beets and Wheat

Suggested Rates:

Use 1-4 pints per acre. Apply at flag leaf emergence or early bloom or early reproductive stage and repeat in 14-21 day intervals. Dilute 1 pint to 4 pints ELE-MAX PHOSPHITE MAX 0-0-30 in 10 to 20 gallons water.

#### AERIAL APPLICATION

##### 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 required. Dilute 1 to 4 pints ELE-MAX PHOSPHITE MAX 0-0-30 in 10 to 20 gallons water.

Almonds: 1 pint to 4 pints/acre, first application at green tip, subsequent treatments at 30 day intervals or as required. Dilute 1 to 4 pints ELE-MAX PHOSPHITE MAX 0-0-30 in 10 to 20 gallons water.

Avocado: 1 pint to 4 pints/acre, first application at pre-bloom, subsequent treatments at 30 day intervals or as required. Dilute 1 to 4 pints ELE-MAX PHOSPHITE MAX 0-0-30 in 10 to 20 gallons water.

Caneberries, Blackberries, Raspberries & Others: 1 pint to 4 pints/acre, first application at pre-bloom, subsequent treatments at 30 day intervals or as required. Dilute 1 to 4 pints ELE-MAX PHOSPHITE MAX 0-0-30 in 10 to 20 gallons water.

Citrus: 1 pint to 4 pints/acre, first application at pre-bloom, subsequent treatments at 30 day intervals or as required. Dilute 1 to 4 pints ELE-MAX PHOSPHITE MAX 0-0-30 in 10 to 20 gallons water.

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. Dilute 1 to 4 pints ELE-MAX PHOSPHITE MAX 0-0-30 in 10 to 20 gallons water.

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. Dilute 2 pints to 4 pints ELE-MAX PHOSPHITE MAX 0-0-30 in 10 to 20 gallons water.

Kiwi Fruit: 1 pint to 4 pints/acre, first application at pre-bloom, subsequent treatments at 30 day intervals or as required. Dilute 1 to 4 pints ELE-MAX PHOSPHITE MAX 0-0-30 in 10 to 20 gallons water.

Olives: 1 pint to 4 pints/acre, first application at pre-bloom, subsequent treatments at 30 day intervals or as required. Dilute 1 to 4 pints ELE-MAX PHOSPHITE MAX 0-0-30 in 10 to 20 gallons water.

Plums, Peach (Stone Fruit): 1 pint to 4 pints/acre, first application at green tip or pink bud, subsequent treatments at 30 day intervals or as required. Dilute 1 to 4 pints ELE-MAX PHOSPHITE MAX 0-0-30 in 10 to 20 gallons water.

Walnuts & Other Nut Crops: 1 pint to 4 pints/acre, first application at green tip, subsequent treatments at 30 day intervals or as required. Dilute 1 to 4 pints ELE-MAX PHOSPHITE MAX 0-0-30 in 10 to 20 gallons water.

#### APPLICATION THROUGH IRRIGATION

##### VEGETABLE CROPS

###### Suggested Rates:

Beans: 1 pint to 4 pints/acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. *Do not exceed* 2 gallons per 100 gallons water or 2% by volume per application.

Cole Crops (Broccoli, Brussels Sprouts, Cabbage, Calabrese, Cauliflower): 1 pint to 4 pints/acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. *Do not exceed* 2 gallons per 100 gallons water or 2% by volume per application.

Lettuce, Spinach, Other Leafy Vegetables: 1 pints to 4 pints/acre per application. First application post-transplanting or thinning subsequent applications at 10 to 14 day intervals as required. *Do not exceed* 2 gallons per 100 gallons water or 2% by volume per application.

Cucurbits – Cucumbers, Melons: 1 pints to 4 pints/acre per application. First application post-transplanting or thinning subsequent applications at 10 to 14 day intervals as required. *Do not exceed* 2 gallons per 100 gallons water or 2% by volume per application.

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. Irrigation applications should be a minimum of 1 gallon ELE-MAX PHOSPHITE MAX 0-0-30 to 100 gallons water or 1% by volume. *Do not exceed* 2 gallons per 100 gallons water or 2% by volume.

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. *Do not exceed* 2 gallons per 100 gallons water or 2% by volume per application.

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. *Do not exceed* 2 gallons per 100 gallons water or 2% by volume per application.

Sugarbeets: 1 pint to 4 pints/acre per application. First application post-transplanting or thinning subsequent applications at 10 to 14 day intervals as required. *Do not exceed* 2 gallons per 100 gallons water or 2% by volume per application.

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. *Do not exceed* 2 gallons per 100 gallons water or 2% by volume per application.

#### APPLICATION THROUGH IRRIGATION

##### PERMANENT CROPS

###### Suggested Rates:

Apples, Pears (Pome Fruit): 2 pints to 4 pints/acre, first application with the first spring irrigation, subsequent treatments at three month intervals or as needed. *Do not exceed* 2 gallons per 100 gallons water or 2% by volume per application.

Almonds: 2 pints to 4 pints/acre, first application with the first spring irrigation, subsequent treatments at three month intervals or as needed. *Do not exceed* 2 gallons per 100 gallons water or 2% by volume per application.

Avocado: 2 pints to 4 pints/acre, first application with the first spring irrigation, subsequent treatments at three month intervals or as needed. *Do not exceed* 2 gallons per 100 gallons water or 2% by volume per application.

Caneberries, Blackberries, Raspberries & Others: 2 pints to 4 pints/acre, first application with the first spring irrigation, subsequent treatments at three month intervals or as needed. *Do not exceed* 2 gallons per 100 gallons water or 2% by volume per application.

Citrus: 2 pints to 4 pints/acre, first application with the first spring irrigation, subsequent treatments at three month intervals or as needed. *Do not exceed* 2 gallons per 100 gallons water or 2% by volume per application.

Grapes: 2 pints to 4 pints/acre, first application with the first spring irrigation, subsequent treatments at three month intervals or as needed. *Do not exceed* 2 gallons per 100 gallons water or 2% by volume per application.

Kiwi Fruit: 2 pints to 4 pints/acre, first application with the first spring irrigation, subsequent treatments at three month intervals or as needed. *Do not exceed* 2 gallons per 100 gallons water or 2% by volume per application.

Olives: 2 pints to 4 pints/acre, first application with the first spring irrigation, subsequent treatments at three month intervals or as needed. *Do not exceed* 2 gallons per 100 gallons water or 2% by volume per application.

Plums, Peach (Stone Fruit): 2 pints to 4 pints/acre, first application with the first spring irrigation, subsequent treatments at three month intervals or as needed. *Do not exceed* 2 gallons per 100 gallons water or 2% by volume per application.

Walnuts & Other Nut Crops: 2 pints to 4 pints/acre, first application with the first spring irrigation, subsequent treatments at three month intervals or as needed. *Do not exceed* 2 gallons per 100 gallons water or 2% by volume per application.

#### APPLICATION TO ORNAMENTALS, NURSERY, TURF, AND COMMERCIAL LANDSCAPE

ELE-MAX PHOSPHITE MAX 0-0-30 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 ELE-MAX PHOSPHITE MAX 0-0-30, use 6 ¼ gallons of water per 1,000 sq. ft. A 2% solution of ELE-MAX PHOSPHITE MAX 0-0-30 by spray volume is the maximum permissible rate for foliar applications.

###### Suggested Rates:

###### Evergreen Species (including trees, shrubs, foliage plants)

Propagule: Prior to planting, temporarily immerse cutting(s) into a 0.5% v/v solution (6.4 oz. per 10 gal. water).

Transplanting: Prior to transplanting apply as a foliar spray using a 0.5% v/v solution or temporarily immerse the transplant tray in a 0.5% v/v solution (6.4 oz. per 10 gal. water).

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)

Propagule: Prior to planting, temporarily immerse cutting(s) into a 0.5% v/v solution (6.4 oz. per 10 gal. water).

Transplanting: Prior to transplanting, apply as a foliar spray using a 0.5% v/v solution or temporarily immerse the transplant tray in a 0.5% v/v solution (6.4 oz. per 10 gal. water).

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 tray in a 0.5% v/v solution (6.4 oz. per 10 gal. water).

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).

###### Cut Flowers:

For Propagule, Transplanting, and additional Plant Health Programs, refer to programs listed for Evergreen or Deciduous Species.

Plant Health Program: Two to three days prior to harvest a 0.5% v/v solution of ELE-MAX PHOSPHITE MAX 0-0-30 may be made, or immerse the cuttings after harvest in 0.5% v/v solution prior to shipping (6.4 oz. per 10 gal. water).

###### Turf

Warm and cool season turf including commercial landscape, 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: Use 3 oz.-5 oz. in a minimum of 1.75-2.00 gallons total spray volume per 1,000 sq. ft. every 14-21 days. Rate and frequency of application may vary due to active growth periods and grass cultivars.

Disclaimer: Always refer to the label on the product before using Helena or any other product.

Golf Course: Greens height turfgrass use 1.5 to 3.0 oz in 1.75 to 2.0 gallon total spray volume per 1,000 sq. ft. every 14 to 21 days.

Fairway and Rough height use 3.0 to 5.0 oz in 1.75 to 2.0 gallon total spray volume per 1,000 sq. ft. every 14-21 days.

Summer Fertilizer Program: ELE-MAX PHOSPHITE MAX 0-0-30 can be used as a foliar potassium fertilizer treatment for Turf to supplement a well balanced fertilizer program. This can be beneficial during certain times of the season when plants cannot uptake the potassium in the soil.

**FOR LAWN CARE: DO NOT APPLY NEAR WATER, STORM DRAINS, OR DRAINAGE DITCHES. DO NOT APPLY IF HEAVY RAIN IS EXPECTED. APPLY THIS PRODUCT ONLY TO YOUR LAWN/GARDEN, AND SWEEP ANY PRODUCT THAT LANDS ON THE DRIVEWAY, SIDEWALK, OR STREET, BACK ONTO YOUR LAWN/GARDEN.**

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#### MIXING INSTRUCTIONS

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Prior to any fertilizer or pesticide application all spray mixing and application equipment must be cleaned. A tank cleaner such as WipeOut® 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

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#### CONDITIONS OF SALE—LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

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Read the Conditions of Sale—Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

This label is believed to be reliable and must be followed carefully. Injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to subject to factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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