



Super Foliar Phosphite

6-40-16

THIS PRODUCT IS NOT FOR SALE OR USE IN CALIFORNIA, GEORGIA, IDAHO, ILLINOIS, INDIANA, KENTUCKY, MICHIGAN, MINNESOTA, NEW MEXICO, NORTH CAROLINA, OKLAHOMA, OREGON, PENNSYLVANIA, TEXAS OR WASHINGTON STATE.

GUARANTEED ANALYSIS

Total Nitrogen (N)	6.00%
6.00% Ammoniacal Nitrogen	
Available Phosphoric Acid (P ₂ O ₅) (AOAC Method 960.02)	40.00%
Soluble Potash (K ₂ O)	16.00%

Derived from ammonium phosphite and potassium phosphite.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See Inside Panel for Additional Precautionary Statements

SN 1008/0509

NET CONTENTS:	<input type="checkbox"/> 2.5 gal. (9.46 L) Jug	<input type="checkbox"/> 55 gal. (208.19 L)
	2 x 2.5 gal. (2 x 9.46 L) Case	Net Wt. 679.80 lbs. (308.36 kg)
	Net Wt.: 30.90 lbs. (14.02 kg) Jug	
	61.80 lbs. (28.04 kg) Case	
	<input type="checkbox"/> 5 gal. (18.92 L)	<input type="checkbox"/> Bulk
	Net Wt. 61.80 lbs. (28.03 kg)	Wt. Per Gal. 12.36 lbs. (5.61 kg)

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, TENNESSEE 38017

PEEL BACK BOOK HERE AND RESEAL AFTER OPENING

A formulated product for the treatment of Nitrogen, Phosphate and Potash deficiencies by foliar and soil applications.

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 faceshield 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.
- IF IN EYES:** Flush eyes with clean water for 15 minutes, holding eyelids open. Obtain medical attention immediately.
- IF ON SKIN:** Remove contaminated clothing and wash skin thoroughly with soap and water. Obtain medical attention immediately, if irritation persists.
- 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" on the product(s) labeling.

STORAGE AND DISPOSAL

Keep in a cool, dry chemical store, out of reach of children and livestock. Protect from frost. 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

Super Foliar Phosphite is a formulated treatment for Nitrogen, Phosphate and Potash deficiencies in a wide range of vegetable, permanent and ornamental crops and in turf. Applications of **Super Foliar Phosphite** 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 phosphorous 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.

Upon foliar application, the phosphite ions are taken up directly by the plant foliage and may undergo a degree of conversion to phosphate ions, or will be used directly by the plants as phosphite ions. 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: **Super Foliar Phosphite** 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 **Super Foliar Phosphite** in combination with other materials, a compatibility test is recommended to avoid potential incompatibilities. Prior to the addition of **Super**

Foliar Phosphite to a spray mix, the a phytotoxicity trial. **Do not mix with pH.** Use sufficient water to ensure th

GROUND APPLICATION VEGETABLE CROPS

Suggested Rates:

Beans: 1 pint to 4 pints/acre per app to 14-day intervals as required. A 2% application, or for each 1 pint/acre **S**

Cole Crops (Broccoli, Brussels Sp cation post-transplanting, thinning, o solution of **Super Foliar Phosphite** **Super Foliar Phosphite** add 6-1/4

Lettuce, Spinach, Other Leafy Ve subsequent applications at 10- to 14 maximum permissible rate for foliar a

Cucurbits – Cucumbers, Melons: quent applications at 10- to 14-day i mum permissible rate for foliar applic

Peas: 1 pint to 4 pints/acre per appli intervals as required. A 2% solution c tion, or for each 1 pint/acre **Super F**

Potatoes, Root, Bulb or Tuber Cr sequent applications at 10- to 14-day imum permissible rate for foliar appli

Strawberries: 1 pint to 4 pints/acre to 14-day intervals as required. A 2% application, or for each 1 pint/acre **S**

Sugarbeets: 1 pint to 4 pints/acre. as required. A 2% solution of **Super** each 1 pint/acre **Super Foliar Phos**

Tomatoes, Peppers, Eggplant: 1 applications at 10- to 14-day interval; missible rate for foliar application, or

GROUND APPLICATION FIELD CROPS

Suggested Rates:

Corn: 1 to 4 pints per acre.

Cotton: 1 to 4 pints per acre.

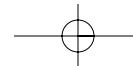
GROUND APPLICATION PERMANENT CROPS

Suggested Rates:

Apples, Pears (Pome Fruit): 1 pin needed. A 2% solution of **Super Fo** each 1 pint/acre **Super Foliar Phos**

Almonds: 1 pint to 4 pints/acre, first A 2% solution of **Super Foliar Phc** pint/acre **Super Foliar Phosphite** a

Avocado: 1 pint to 4 pints/acre, first tion of **Super Foliar Phosphite** by s **Foliar Phosphite** add 6-1/4 gallons



ih deficiencies

IONS OF SALE – LIMITED

t. Wear suitable gloves and
is product in such a manner
avants, follow all precaution-

tention immediately.
tain medical attention imme-

Statement of Practical Treat-

ainer tightly closed. Do not
contaminate water sources

ainers in a landfill in accor-

vide range of vegetable, per-
plant growth, including root
ication equipment and techn-
re intended to be used as a
soil fertilization and conven-
treatment.

egree of conversion to phos-
s of climate, e.g., rapid dry-
application to annual crops,
ay be observed. In addition,
pH below 6.5. For additional
your local Helena Chemical
actants and/or adjuvants

potential root or foliar injury
Super Foliar Phosphite in
rior to the addition of **Super**

Foliar Phosphite 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.

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 **Super Foliar Phosphite** by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre **Super Foliar Phosphite** 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 **Super Foliar Phosphite** by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre **Super Foliar Phosphite** 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 **Super Foliar Phosphite** by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre **Super Foliar Phosphite** 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 **Super Foliar Phosphite** by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre **Super Foliar Phosphite** 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 **Super Foliar Phosphite** by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre **Super Foliar Phosphite** 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 **Super Foliar Phosphite** by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre **Super Foliar Phosphite** 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 **Super Foliar Phosphite** by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre **Super Foliar Phosphite** add 6-1/4 gallons water per acre.

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

GROUND APPLICATION FIELD CROPS

Suggested Rates:

Corn: 1 to 4 pints per acre.

Cotton: 1 to 4 pints 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 **Super Foliar Phosphite** by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre **Super Foliar Phosphite** 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 **Super Foliar Phosphite** by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre **Super Foliar Phosphite** 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 **Super Foliar Phosphite** by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre **Super Foliar Phosphite** add 6-1/4 gallons water per acre.

Caneberries, Blackberries, 1
at 30-day intervals or as needed
foliar application, or for each 1

Citrus: 1 pint to 4 pints/acre, f
of **Super Foliar Phosphite** by
Foliar Phosphite add 6-1/4 g

Grapes: 1 pint to 4 pints/acre.
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quent applications at bunch pr
Foliar Phosphite by spray vol
phite add 6-1/4 gallons water

Hops: 2 pints to 4 pints/acre. F
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spray volume is the maximum p
lons water per acre.

Kiwi Fruit: 1 pint to 4 pints/aci
tion of **Super Foliar Phosphite**
Foliar Phosphite add 6-1/4 g

Olives: 1 pint to 4 pints/acre, f
of **Super Foliar Phosphite** by
Foliar Phosphite add 6-1/4 g

Plums, Peach (Stone Fruit):
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imum permissible rate for foliar

Walnuts & Other Nut Crops:
required. A 2% solution of **Sup**
each 1 pint/acre **Super Foliar**

AERIAL APPLICATION VEGETABLE CROPS

Suggested Rates:

Beans: 1 pint to 4 pints/acre p
day intervals as required. Dilute

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Lettuce, Spinach, Other Lea
subsequent applications at 10-

Cucurbits – Cucumbers, Me
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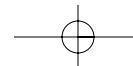
Peas: 1 pint to 4 pints/acre per
intervals as required. Dilute 1 tc

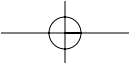
Potatoes, Root, Bulb or Tub
sequent applications at 10- to 1

Strawberries: 1 pint to 4 pints
to 14-day intervals as required.

Sugarbeets: 1 pint to 4 pints/z
14-day intervals as required. Di

Tomatoes, Peppers, Eggplai
applications at 10- to 14-day in





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ntervals or as needed. A 2% solu-
tion, or for each 1 pint/acre **Super**

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

Hops: 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 **Super Foliar Phosphite** by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre **Super Foliar Phosphite** 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 **Super Foliar Phosphite** by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre **Super Foliar Phosphite** 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 **Super Foliar Phosphite** by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre **Super Foliar Phosphite** 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 **Super Foliar Phosphite** by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre **Super Foliar Phosphite** add 6-1/4 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 **Super Foliar Phosphite** by spray volume is the maximum permissible rate for foliar application, or for each 1 pint/acre **Super Foliar Phosphite** add 6-1/4 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** in 10 to 20 gallons water.

AERIAL APPLICATIO FIELD CROPS

Suggested Rates:

Corn: 1 to 4 pints per acre

Cotton: 1 to 4 pints per acre

AERIAL APPLICATIO PERMANENT CROPS

Suggested Rates:

Apples, Pears (Pome F
required. Dilute 1 to 4 pints

Almonds: 1 pint to 4 pints
4 pints **Super Foliar Phc**

Avocado: 1 pint to 4 pint
to 4 pints **Super Foliar F**

Caneberries, Blackberri
at 30-day intervals or as r

Citrus: 1 pint to 4 pints/a
pints **Super Foliar Phos**

Grapes: 1 pint to 4 pints/
son and two to three wee
sequent applications at bu

Foliar Phosphite in 10 ti

Hops: Apply 2 pints to 4
10 inches of shoot growth

Phosphite in 10 to 20 ga

Kiwi Fruit: 1 pint to 4 pir
to 4 pints **Super Foliar F**

Olives: 1 pint to 4 pints/a
pints **Super Foliar Phos**

Plums, Peach (Stone F
intervals or as required. D

Walnuts & Other Nut C
required. Dilute 1 to 4 pint

APPLICATION THRC VEGETABLE CROPS

Suggested Rates:

Beans: 1 pint to 4 pints/a
day intervals as required. I

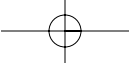
Cole Crops (Broccoli, B
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Foliar Phosphite per 10l

Lettuce, Spinach, Othe
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ions water or 2% by volur

Cucurbits – Cucumber:
quent applications at 10-
or 2% by volume per app

Peas: 1 pint to 4 pints/acr
intervals as required. Do r



on at pre-bloom, subsequent treatments are the maximum permissible rate for per acre.

ly intervals or as needed. A 2% solution application, or for each 1 pint/acre **Super**

pplications at bunch pre-closing, veraison at approximately 5% bloom, subse-or as needed. A 2% solution of **Super** or each 1 pint/acre **Super Foliar Phos-**

ent applications at 8 inches to 10 inches solution of **Super Foliar Phosphite** by **uper Foliar Phosphite** add 6-1/4 gal-

-day intervals or as needed. A 2% solu- application, or for each 1 pint/acre **Super**

ly intervals or as needed. A 2% solution application, or for each 1 pint/acre **Super**

subsequent treatments at fruit set, thin- **Phosphite** by spray volume is the max- add 6-1/4 gallons water per acre.

ent treatments at 30-day intervals or as nmissible rate for foliar application, or for

), subsequent applications at 10- to 14- ter.

4 pints/acre per application. First appli- quired. Dilute 1 to 4 pints **Super Foliar**

pplication post-transplanting or thinning, **ar Phosphite** in 10 to 20 gallons water.

1 post-transplanting or thinning, subse- **iosphite** in 10 to 20 gallons water.

ubsequent applications at 10- to 14-day

tion post-transplanting or thinning, sub- **Phosphite** in 10 to 20 gallons water.

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hning, subsequent applications at 10- to water.

st-transplanting or thinning, subsequent **ite** in 10 to 20 gallons water.

AERIAL APPLICATION FIELD CROPS

Suggested Rates:

Corn: 1 to 4 pints per acre.

Cotton: 1 to 4 pints per acre.

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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** per 100 gallons water or 2% by volume per application.

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

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

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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** 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 **Super Foliar Phosphite** per 100 gallons water or 2% by volume per application.

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

Super Foliar Phosphite 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 **Super Foliar Phosphite**, use 6-1/4 gallons of water per 1,000 sq. ft. A 2% solution of **Super Foliar Phosphite** 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 0.35% v/v solution (4.6 oz. per 10 gal. water).

Transplanting: Prior to transplanting apply as a foliar spray using a 0.35% v/v solution or temporarily immerse the transplant tray in a 0.35% v/v solution (4.6 oz. per 10 gallons water).

Plant Health Program: Apply as a foliar application on a 10- to 14-day schedule or as necessary to maintain plant vigor using a 0.35% v/v solution (4.6 oz. per 10 gallons water).

Deciduous Species (including trees, Propagule):

Prior to planting, temporarily immerse cutting(s) into a 0.35% v/v solution (4.6 oz. per 10 gal. water).

Transplanting: Prior to transplanting, apply as a foliar spray using a 0.35% v/v solution (4.6 oz. per 10 gal. water).

Plant Health Program: Apply as a foliar spray using a 0.35% v/v solution (4.6 oz. per 10 gal. water).

General Application Timing: First application prior to planting.

Perennial and Annual Species (including trees, Bedding Plants):

Apply as a foliar application at the fourth plant vigor.

Transplanting: Prior to transplanting, apply as a foliar spray using a 0.35% v/v solution (4.6 oz. per 10 gal. water).

Plant Health Program: Apply as a foliar spray using a 0.35% v/v solution (4.6 oz. per 10 gal. water).

Cut Flowers:

For Propagule, Transplanting, and addition of cuttings after harvest in 0.35% v/v solution.

Turf:

Warm and cool season turf including cool Rye grass, Zoysia grass, Bermuda grass

Rate: Use 2.1-3.4 oz. in a minimum of 1 gallon of water per 1,000 sq. ft. of turf.

Golf Course: Greens height turfgrass: Use 2.1-3.4 oz. per 1,000 sq. ft. U way and Rough height turfgrass: Use 2.1-3.4 oz. per 1,000 sq. ft.

Plant Health Program: Application of **Super Foliar Phosphite** may increase potassium levels if soil medium supplement to a well balanced fertilizer program.

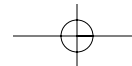
Prior to any fertilizer or pesticide application, **WipeOut®** is recommended. Carefully follow label directions for application and begin agitation. Add pesticide after agitation.

1. Dry flowables or water
2. Wettable powders
3. Flowables
4. Emulsifiable concentrates

CONDITIONS OF SALE AND LIMITATIONS

Read the Conditions of Sale – Warranties are not acceptable, return the product if not acceptable.

This label is believed to be reliable and is not a guarantee of performance. The occurrence of extraordinary or unusual conditions, all of which are beyond the control of the manufacturer, may cause injury to crops, and the chemical description on the label and is not a guarantee of performance.



planting or thinning, subsequent applications at 10- to 14-day intervals or as necessary to maintain plant vigor using a 0.35% v/v solution (4.6 oz. per 10 gal. water) or 2% by volume per application.

Subsequent applications at 10- to 14-day intervals or as necessary to maintain plant vigor using a 0.35% v/v solution (4.6 oz. per 10 gal. water) or 2% by volume per application.

Subsequent applications at 10- to 14-day intervals or as necessary to maintain plant vigor using a 0.35% v/v solution (4.6 oz. per 10 gal. water) or 2% by volume per application.

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Use conventional sprayers or other application equipment per 1,000 sq. ft. A 2% solution.

water).

Subsequent treatments at 10- to 14-day intervals or as necessary to maintain plant vigor using a 0.35% v/v solution (4.6 oz. per 10 gal. water) or 2% by volume per application.

Subsequent treatments at 10- to 14-day intervals or as necessary to maintain plant vigor using a 0.35% v/v solution (4.6 oz. per 10 gal. water) or 2% by volume per application.

Deciduous Species (including trees, shrubs, foliage plants)

Propagule: Prior to planting, temporarily immerse cutting(s) into a 0.35% v/v solution (4.6 oz. per 10 gal. water).

Transplanting: Prior to transplanting, apply as a foliar spray using a 0.35% v/v solution or temporarily immerse the transplant tray in a 0.35% solution (4.6 oz. per 10 gal. water).

Plant Health Program: Apply as a foliar application on a 10- to 14-day schedule or as necessary to maintain plant vigor using a 0.35% v/v solution (4.6 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- to 14-day intervals or as necessary to maintain plant vigor.

Transplanting: Prior to transplanting, apply as a foliar spray using a 0.35% v/v solution or temporarily immerse the transplant tray in a 0.35% solution (4.6 oz. per 10 gal. water).

Plant Health Program: Apply as a foliar application on a 10- to 14-day schedule or as necessary to maintain plant vigor using a 0.35% v/v solution (4.6 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 0.35% v/v solution of **Super Foliar Phosphite** may be made, or immerse the cuttings after harvest in 0.35% v/v solution prior to shipping (4.6 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 2.1-3.4 oz. in a minimum of 1.75-2.0 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.

Golf Course: Greens height turfgrass: Use 1.0-2.1 oz. in 1.75-2.0 gallons total spray volume per 1,000 sq. ft. every 7-14 days. Fairway and Rough height turfgrass: Use 2.1-3.4 oz. in 1.75-2.0 gallons total spray volume per 1,000 sq. ft. every 14-21 days.

Plant Health Program: Application of **Super Foliar Phosphite** containing potassium may aid in reducing summer stress due to increased potassium levels if soil medium is not sufficient to meet the need. **Super Foliar Phosphite** 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 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 | 5. Water-based solutions |
| 2. Wettable powders | 6. Compatibility agents |
| 3. Flowables | 7. Micronutrients and Fertilizers |
| 4. Emulsifiable concentrates | 8. Spray adjuvants |

CONDITIONS OF SALE – LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

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 should 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 the factors noted above which are beyond

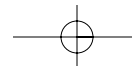
the control of the Company. The Company does not warrant the product, including no implied warranty, liability and remedies.

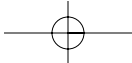
The exclusive remedy against the Company shall be the purchase price of the product.

1. Refund of the purchase price;
2. Replacement of the product.

To the extent allowed by law, the Company and the seller offer this warranty, liability and remedies.

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Ele-Max®, PRECISION NUTRITION





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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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Supe

**THIS PRODUCT I
 INDIANA, KEN
 OKLAHOM**

Total Nitrogen (N)
 6.00% Ammoniacal Nitr
 Available Phosphoric Acid (P,
 Soluble Potash (K₂O)
 Derived from ammonium pho

KI

See Inside

SN 1008/0509

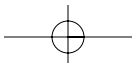
NET CONTENTS: 2.5
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Information regarding the con

225 SCHILLING

Job #41324



kind, express or implied, concerning use, and no such warranty shall be

se of this product shall be limited to,

he Company are waived for special, ed to, loss of profits or income. The oing conditions of sale and limitation

ling Company.



Super Foliar Phosphite 6-40-16

THIS PRODUCT IS NOT FOR SALE OR USE IN CALIFORNIA, GEORGIA, IDAHO, ILLINOIS, INDIANA, KENTUCKY, MICHIGAN, MINNESOTA, NEW MEXICO, NORTH CAROLINA, OKLAHOMA, OREGON, PENNSYLVANIA, TEXAS OR WASHINGTON STATE.

GUARANTEED ANALYSIS

Total Nitrogen (N)	6.00%
6.00% Ammoniacal Nitrogen	
Available Phosphoric Acid (P ₂ O ₅) (AOAC Method 960.02)	40.00%
Soluble Potash (K ₂ O)	16.00%

Derived from ammonium phosphite and potassium phosphite.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**
See Inside Panel for Additional Precautionary Statements

SN 1008/0509

NET CONTENTS:

- | | |
|--|---|
| <input type="checkbox"/> 2.5 gal. (9.46 L) Jug | <input type="checkbox"/> 55 gal. (208.19 L) |
| 2 x 2.5 gal. (2 x 9.46 L) Case | Net Wt. 679.80 lbs. (308.36 kg) |
| Net Wt.: 30.90 lbs. (14.02 kg) Jug | |
| 61.80 lbs. (28.04 kg) Case | |
| <input type="checkbox"/> 5 gal. (18.92 L) | <input type="checkbox"/> Bulk |
| Net Wt. 61.80 lbs. (28.03 kg) | Wt. Per Gal. 12.36 lbs. (5.61 kg) |

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, TENNESSEE 38017