



# PhoZ B Mag WP

## 0-5-1

Foliar Nutritional Wettable Powder

A formulated powder mixture of magnesium, phosphorus and potassium with zinc and boron.

### GUARANTEED ANALYSIS

Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	5.0%
Soluble Potash (K <sub>2</sub> O) .....	1.0%
Magnesium (Mg) .....	24.0%
24.0% Water Soluble Magnesium (Mg)	
Boron (B) .....	3.0%
Molybdenum (Mo) .....	0.00139%
Zinc (Zn) .....	10.0%

Derived from Zinc Phosphate, Kelp Extracts (*ascophyllum nodosum*), Magnesium Hydroxide, Sodium Borate, and Sodium Molybdate.

**KEEP OUT OF REACH OF CHILDREN**

### DANGER

May be harmful if swallowed  
 May be harmful in contact with skin  
 Causes eye irritation  
 Causes mild skin irritation  
 Harmful if inhaled  
 May damage fertility  
 May damage the unborn child  
 Very toxic to aquatic life  
 Toxic to aquatic life with long lasting effects



Contains disodium octaborate.

Contains **Boron** and **Molybdenum**. Do not use on plants sensitive to **Boron**. Use of **Boron** on plants/crops other than those recommended may result in serious injury to the plants/crops. Plants/crops containing high amounts of **Molybdenum** are toxic to grazing ruminant animals.

NET WEIGHT: 20 lbs (9.07 kg)

YCASN 052115/0815

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>

Contents Made In Great Britain

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

### DANGER

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. Harmful if inhaled. May damage fertility. May damage the unborn child. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects. Keep product locked up and out of the reach of children. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or smoking tobacco. Remove and wash contaminated clothing before reuse. Do not take internally. Avoid contact with or inhalation of spray application mist if present.

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

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. Not for human or animal consumption.

**Personal Protective Equipment (PPE):** Wear protective eyewear (goggles or face shield), chemical-resistant gloves, long-sleeved shirt and long pants, and shoes plus socks when 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> <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>

**HOT LINE NUMBER:** 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

Store in original container protected from direct sunlight in a cool, dry chemical store, out of reach of children and livestock. Protect from frost (39°F) and other climatic extremes (temperatures exceeding 100°F). Keep container tightly closed. Do not allow water to be introduced to the contents of this container. 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

This product is recommended for use in conjunction with a complete fertilization program based on soil or tissue analysis. Contact your county agent or field consultant for specific information.

### DIRECTIONS FOR USE

#### ALWAYS FOLLOW THESE LABEL INSTRUCTIONS.

Pre-mix with water at a rate of 5 lbs. to 1.5 gallons/water. Always add powder to water. Filter the pre-mix into the partly-filled tank, while agitating. As an alternative to pre-mixing, the product may be slowly added into the partly-filled tank, through a very fine filter. Fill up the tank with water and continue to agitate until spraying is completed.

### APPLICATION RATES AND TIMINGS

**Apples:** 5 to 10 lbs/acre applied post-harvest before leaf fall. Also, 5 to 10 lbs/acre applied at bud burst. Water rate: 50 to 100 gallons/acre.

**Apricots:** 10 lbs/acre applied post-harvest before leaf fall. Repeat if necessary leaving 10 to 14 days between applications. Also, 5 to 10 lbs/acre applied from bud burst to start of flowering. Water rate: 50 to 100 gallons/acre.

**Beans:** 5 lbs/acre at the 4 to 6 leaf stage. Repeat applications may be necessary at 10 to 14 day intervals. Water rate: 50 gallons per acre. N.B. Do not apply during flowering.

**Blueberries:** Apply 3 to 5 lbs/acre just before onset of leaf drop. Repeat the application at bud separation the following fruiting season. Water rate: 20 gallons/acre.

**Brassicas:** 5 to 10 lbs per acre at the 4 to 6 leaf stage, with repeat applications at the above rate at 10 to 14 day intervals for moderate to severe deficiency. Water rate: 50 gallons per acre.

**Caneberries:** 5 lbs/acre applied from green bud to just prior to start of flowering. Also, 5 lbs/acre post-harvest, pre-leaf senescence. Water rate: 20 to 50 gallons/acre.

**Cherries:** 5 to 10 lbs/acre applied post-harvest before leaf fall. Repeat if necessary leaving 10 to 14 days between applications. Also, 5 to 10 lbs/acre applied from bud burst to start of flowering. Water rate: 50 to 100 gallons/acre.

**Citrus:** 5 to 10 lbs/acre applied post-harvest. Also, 5-10 lbs/acre applied from bud burst to start of flowering. N.B. Do not apply during flowering. Water rate: 50 gallons per acre.

**Conifers:** 2 applications of 5 to 10 pounds/acre once there is new season leaf production and again in early autumn. Water rate: 50 to 100 gallons/acre.

Ele-Max® and PRECISION NUTRITION® are registered trademarks of Helena Holding Company.

**Grapevines:** 1 to 2 applications of 5 lbs/acre applied pre-flowering at a 10 to 14 day interval. Also, 5 to 10 lbs/acre applied post-harvest before leaf fall. Water rate: 50 to 100 gallons/acre.

**Melon (Field Grown):** 5 lbs/acre at the 4 to 6 leaf stage. Repeat once or twice at 10 to 14 day intervals. Water rate: 50 gallons per acre.

**Nectarines:** 10 lbs/acre applied post-harvest before leaf fall. Repeat if necessary leaving 10 to 14 days between applications. Also, 5 to 10 lbs/acre applied from bud burst to start of flowering. Water rate: 50 to 100 gallons/acre.

**Nuts (Deciduous):** 5 to 10 lbs/acre applied post-harvest before leaf fall. Also, 5 to 10 lbs/acre applied from bud burst to start of flowering. Water rate: 50 to 100 gallons/acre.

**Peaches:** 5 to 10 lbs/acre applied post-harvest before leaf fall. Repeat if necessary leaving 10 to 14 days between applications. Also, 5 to 10 lbs/acre applied from bud burst to start of flowering. Water rate: 50 to 100 gallons/acre.

**Pears:** 5 to 10 lbs/acre applied post-harvest before leaf fall. Also, 5-10 lbs/acre applied at bud burst. Water rate: 50 to 100 gallons/acre.

**Pepper (Field Grown):** 1 to 3 lbs/acre at the 4 to 6 leaf stage. One or two repeat applications may be necessary at 10 to 14 day intervals. N.B. Do not apply during flowering. Water rate: 50 gallons per acre.

**Plums:** 5 to 10 lbs/acre applied post-harvest before leaf fall. Repeat if necessary leaving 10 to 14 days between applications. Also, 5 to 10 lbs/acre applied from bud burst to start of flowering. Water rate: 50 to 100 gallons/acre.

**Potatoes:** 3 lbs/acre one week after 100 percent emergence. Repeat once or twice at 10 to 14 day intervals for moderate to severe deficiency. Water rate: 20 gallons per acre.

**Strawberries (Field Grown):** 5 lbs/acre applied from green bud to just prior to start of flowering. Also, 5 lbs/acre post-harvest, pre-leaf senescence. Water rate: 20 to 50 gallons/acre.

**Tomato (Field Grown):** 1 to 3 lbs/acre at the 4 to 6 leaf stage. One or two repeat applications may be necessary at 10 to 14 day intervals. N.B. Do not apply during flowering. Water rate: 50 gallons per acre.

---

#### TANK MIXING/CO-APPLICATION

Read ALL labels carefully and adhere strictly to the instructions for use and advice regarding whether or not product(s) should be co-applied. Many variables can influence the performance of co-applied products and therefore co-application is entirely at the risk of the end-user. It is strongly recommended that a limited application is made initially when using unfamiliar product mixes. Before co-application of products you, or your advisor, must visit [www.tankmix.com/elemax](http://www.tankmix.com/elemax) for important information or do a jar test.

---

#### PRECAUTIONS

Only to be used on protected crops if specifically listed. Avoid application under extremes of climate, e.g. rapid drying conditions, extremely slow drying conditions, frost, rain, or when frost or rain are anticipated. Wear suitable gloves and faceshield when handling this product. Clean all equipment before and after use.

---

#### 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 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.

© Copyright Helena Holding Company, 2015

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