Viathon®

A systemic fungicide for the control of almond, barley*, corn, grasses grown for seed, onion, peanut*, pecan, pistachio, soybean, walnut, watermelon, and wheat diseases

**ACTIVE INGREDIENTS:**

Potassium phosphite\(^1\) ................................................... 49.0%

Tebuconazole: \(\alpha-\text{-}[2-(4\text{-chlorophenyl})\text{-eth}y]l\)-\(\alpha-\text{-}(1,1\text{-dimethyl}e\text{thyl})\)-1H-1,2,4-triazole-1-ethanol\(^2\) .......... 3.3%

**OTHER INGREDIENTS:** ............................................... 47.7%

**TOTAL:** ..........................................................................

1 30.4% (3.66 lbs/gal) phosphorous acid equivalent

2 0.42 lbs/gal tebuconazole

*Not for use in California

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**FIRST AID**

**IF SWALLOWED:**

Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

**IF IN EYES:**

Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:**

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes. Call a poison control center or doctor for treatment advice.

**IF INHALED:**

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**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 information.

**NOTE TO PHYSICIAN:**

No specific antidote. Treat symptomatically. For additional information, call: 1-800-424-9300.

**SHAKE WELL BEFORE USE**

**FOR CHEMICAL SPILL, LEAK, FIRE OR EXPOSURE CALL TOLL FREE:** 1-800-424-9300.

**AGRICULTURAL CHEMICAL:** DO NOT SHIP OR STORE WITH FOODS, FEEDS, DRUGS OR CLOTHING.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION.** Harmful if swallowed or if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

**USER SAFETY RECOMMENDATIONS:**

**Users should:** Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing/PPE immediately if pesticide gets inside, then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the State or tribal agency responsible for pesticide regulation. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a dry, secure, cool place.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into the application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip, Repeat this procedure two more times. Offer for recycling, if available, or puncture or dispose of in a sanitary landfill, or by incineration. Do not burn unless allowed by state and local ordinances. If burned, stay out of smoke.

EPA Reg. No. 42519-35-5905

EPA Est. No. 5905-GA-1

**NET CONTENTS:** 2.5 Gallons

Manufactured For

HELENA CHEMICAL COMPANY
225 SCHILLING BOULEVARD, SUITE 300
COLLIERVILLE, TENNESSEE 38017

5043-6/160825_14/14
A systemic fungicide for the control of almond, barley*, corn, grasses grown for seed, onion, peanut*, pecan, pistachio, soybean, walnut, watermelon, and wheat diseases

ACTIVE INGREDIENTS:
Potassium phosphite\(^1\) ................................................................. 49.0%
Tebuconazole: \(\alpha\)-[2-(4-chlorophenyl)ethyl]-\(\alpha\)-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol\(^2\) ....................................... 3.3%
OTHER INGREDIENTS: .......................................................................................................................... 47.7%
TOTAL: .................................................................................................................................................. 100.0%
\(^1\) 30.4% (3.66 lbs/gal) phosphorous acid equivalent; \(^2\) 0.42 lbs/gal tebuconazole
*Not for use in California

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID

IF SWALLOWED:
• Call a poison control center or doctor immediately for treatment advice.
• Have person sip a glass of water if able to swallow.
• Do not induce vomiting unless told to by a poison control center or doctor.
• Do not give anything to an unconscious person.

IF IN EYES:
• Hold eye open and rinse slowly and gently with water for 15 - 20 minutes.
• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
• Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING:
• Take off contaminated clothing.
• Rinse skin immediately with plenty of water for 15 - 20 minutes.
• Call a poison control center or doctor for treatment advice.

IF INHALED:
• Move person to fresh air.
• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
• Call a poison control center or doctor for further treatment advice.

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 information.

NOTE TO PHYSICIAN: No specific antidote. Treat symptomatically. For additional information, call: 1-800-424-9300.

SEE INSIDE BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND FOR DIRECTIONS FOR USE

SHAKE WELL BEFORE USE
FOR CHEMICAL SPILL, LEAK, FIRE OR EXPOSURE CALL TOLL FREE: 1-800-424-9300.
AGRICULTURAL CHEMICAL: DO NOT SHIP OR STORE WITH FOODS, FEEDS, DRUGS OR CLOTHING.

NET CONTENTS: 2.5 Gallons

Manufactured For
HELENA CHEMICAL COMPANY
225 SCHILLING BOULEVARD, SUITE 300 • COLLIERVILLE, TENNESSEE 38017 5043-6/160825_1/14
PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if swallowed or if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Natural rubber and polyvinyl chloride are chemical-resistant to this product.

Applicators and other handlers must wear:
• long-sleeved shirt and long pants
• chemical-resistant gloves (nitrile, butyl, neoprene, and/or barrier laminate)
• shoes plus socks

Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:
• Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
• Remove clothing/PPE immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.
• Remove PPE immediately after handling this product. Wash the outside of gloves before removing.
• As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Tebuconazole is toxic to mammals, fish, and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean highwater mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas.

GROUND WATER ADVISORY

Tebuconazole is known to leach through soil into groundwater under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

SURFACE WATER ADVISORY

Tebuconazole may contaminate water through drift of spray in wind. It has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to runoff that contains this product. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted within 48 hours.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the State or tribal agency responsible for pesticide regulation. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.
Failure to follow the USE DIRECTIONS and PRECAUTIONS on this label may result in crop injury or poor disease control and/or illegal residues.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry intervals (REI). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE requirement for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is:

- coveralls
- chemical-resistant gloves (nitrile, butyl, neoprene, natural rubber, and/or barrier laminate)
- shoes plus socks

**CHEMIGATION**

Do not apply this product through any type of irrigation system.

**REQUIREMENTS FOR GROUND APPLICATIONS**

For ground applications, adjust nozzle height and droplet size with wind speed according to the following table:

<table>
<thead>
<tr>
<th>Wind speed</th>
<th>Nozzle height</th>
<th>Droplet size for standard nozzles (ASAE standard 572)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 10 mph</td>
<td>Up to 2 feet</td>
<td>medium or coarser</td>
</tr>
<tr>
<td></td>
<td>2-4 feet</td>
<td>coarse or coarser</td>
</tr>
<tr>
<td></td>
<td>4-6 feet</td>
<td>very coarse or coarser</td>
</tr>
<tr>
<td>10 to 15 mph</td>
<td>0-2 feet</td>
<td>coarse or coarser</td>
</tr>
<tr>
<td></td>
<td>2-4 feet</td>
<td>very coarse or coarser</td>
</tr>
<tr>
<td></td>
<td>4-6 feet</td>
<td>extremely coarse</td>
</tr>
</tbody>
</table>

Do not apply when the wind speed exceeds 15 mph. Do not apply at a nozzle height of greater than 6 feet above the ground or crop canopy. Apply as a medium or coarser spray (ASAE standard 572).

**REQUIREMENTS FOR AERIAL APPLICATIONS**

For aerial applications, apply only when the wind speed is less than or equal to 15 mph using a release height of no more than 10 feet above the ground or crop canopy. If the wind speed is less than 10 mph, apply as a medium or coarser spray (ASAE standard 572). If the wind speed is between 10 mph and 15 mph, apply as a coarse or coarser spray (ASAE standard 572). The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter. Do not make aerial applications into temperature inversions. When aerial applications are made with a cross-wind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind. No aerial application in New York State.
For the following row crops (barley, corn, soybeans, and wheat), make applications by air in a minimum of 2 gallons of water per acre. For fruit and vegetable crops specified on this label, as well as grasses grown for seed, use a minimum of 5 gallons of water per acre for aerial applications. For almond, pistachio, and walnut, use a minimum of 10 gallons of water per acre for aerial applications. Approved adjuvants and other additives may be added to the spray solution to improve spray coverage. VIATHON® can be tank-mixed with most recommended fungicides, insecticides, herbicides, liquid fertilizers, biological control products, adjuvants and other additives. Under some conditions, the use of additives or adjuvants may improve the performance of VIATHON®. However, all varieties and cultivars have not been tested with all possible tank-mix combinations. Physical incompatibility, reduced disease control, or crop injury may result from mixing VIATHON® with other products. Therefore, before using any tank-mix, test the combination on a small portion of the crop to ensure that a phytotoxic response will not occur as a result of the tank-mix application.

SPRAY DRIFT MANAGEMENT

Aerial applications: Mount the spray boom on the aircraft so as to minimize drift caused by wing tip vortices. Use the minimum practical boom length, which must not exceed 75 percent of the wingspan or rotor diameter. Use the largest droplet size consistent with pest control. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray boom pressure. Apply in a minimum of 2 gallons of spray solution per acre by aircraft spray equipment. Release spray at the lowest possible height consistent with good pest control and flight safety. Do not apply more than 10 feet above the crop canopy. Make aerial and ground applications when wind velocity favors on-target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph (miles per hour). Avoid applications when wind gusts approach 15 mph. Risk of exposure to sensitive aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area. Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of spray drift to aquatic areas. Do not spray during conditions of low humidity and/or high temperature. Do not make aerial or ground applications during temperature inversions. Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

OBSERVE THE FOLLOWING RESTRICTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES, RESERVOIRS, RIVERS, PERMANENT STREAMS, MARSHES OR NATURAL PONDS, AND ESTUARIES.

Apply only during alternate years in fields adjacent to aquatic areas listed above.
Do not apply by ground or air within 100 feet of aquatic areas listed above.
Do not cultivate within 10 feet of an aquatic area to allow growth of a vegetative filter strip.

Rotational Crop Restrictions:
Treated areas may be replanted with any crop specified on this label as soon as practical after last application. Any other crop may be planted into treated areas 120 days after last application.

PRODUCT INFORMATION

VIATHON® is a systemic product. When used in conjunction with good cultural management practices and as part of a complete disease control program, VIATHON® will control/suppress specified diseases associated with almond, barley, corn, grasses grown for seed, onions, peanuts, pecans, pistachio, soybeans, walnut, watermelons, and wheat. In order to achieve maximum results in controlling/suppressing the diseases, carry out spraying before the appearance of the diseases or when diseases are first observed. Initiate applications when environmental conditions are favorable for disease development. Not approved for use on corn in New York State.

Resistance Management: As VIATHON® contains a demethylation inhibitor (DMI), it is best applied in alternation with a non-DMI fungicide as a resistance management strategy.
MIXING AND APPLICATION INSTRUCTIONS

For barley, corn, soybeans, and wheat: Apply VIATHON® in a minimum of 10 gallons of water per acre by ground sprayer or in a minimum of 2 gallons of spray solution per acre by aircraft.

For fruit and vegetable crops, as well as grasses grown for seed: VIATHON® is best applied in 50-100 gallons per acre by ground sprayer or in a minimum of 5 gallons or more of water per acre by aircraft.

For almonds, pistachios, and walnuts: Apply VIATHON® in a minimum of 50 gallons per acre by ground sprayer or in a minimum of 10 gallons per acre by aircraft. Ground applications are best applied after petal fall.

Check equipment calibration frequently. Complete coverage and uniform application are essential for the most effective results, especially when lower spray volumes are applied. If necessary, increase the volume of water in the spray tank for complete crop coverage. Do not exceed specified application rates. Fill spray tank halfway with clean water. Add the required amount of VIATHON® to the tank, as indicated in the application instructions. While agitating, add the remaining amount of water. Apply solution directly to the foliage. For optimum control, thorough coverage is required. VIATHON® spray must have a minimum of 2 hours of drying time on plant foliage for the active ingredients to move into the plant tissue before rain or irrigation occurs.

Compatibility:
Conduct a tank spray compatibility test when you plan to mix this product with other products. To determine the physical compatibility of this product with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add dry formulations first, then flowables, and then emulsifiable concentrates last. After thorough mixing, allow this mixture to stand for 5 minutes. If the combination remains mixed or can be readily remixed, it is physically compatible. Once compatibility has been proven, use the same procedure for adding products to the spray tank. Follow the more restrictive labeling requirements of any tank mix partner. Do not tank mix with products whose label prohibits tank mixing.

Phytotoxicity indications:
The components of this product have been evaluated for phytotoxicity on a large variety of crops under various normal field conditions. However, testing all plant varieties, in all mixtures and combinations is not feasible. Test a small portion of the area to be treated for phytotoxicity, before treating the entire area. Test tank-mix combinations on a small number of plants before treating large areas, as crop sensitivity to these mixtures may vary. Do not apply to plants under stress.
## DISEASE CONTROL AND APPLICATION INSTRUCTIONS

**VIATHON®** is for use on the following crops, all of which have an REI of 12 hours.

<table>
<thead>
<tr>
<th>CROP</th>
<th>DISEASE</th>
<th>RATE</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ALMONDS, WALNUTS</strong></td>
<td>Brown rot blossom blight (<em>Monilinia</em> spp.)</td>
<td>2-4 pints/acre</td>
<td>Begin applications before infection. Apply on a 7-14 day spray interval. Use the higher specified rate and shorter interval when disease pressure is severe. Refer to guidelines below for the best application timing for each disease. Brown rot blossom blight: Treat at pink bud (5-10% bloom) and full bloom. One application at full bloom is sufficient in most orchards in most years if there is no rain. If brown rot has been severe or in years of extended bloom accompanied by rainfall, a second or third application near full bloom may be necessary. Anthracnose: Apply <strong>VIATHON®</strong> sprays beginning at 5-10% bloom or pink bud and repeat every 10-14 days if rains persist. Late spring rains may necessitate additional applications. Powdery mildew: Make applications at jacket-split (late petal fall) and mid-spring. Scab: One application up to 5 weeks after petal fall is effective, but an earlier application (2 weeks after petal fall) is best. Leaf rust: Apply 5 weeks after petal fall and follow 4 to 5 weeks later in late spring and summer. Apply before rust symptoms are visible.</td>
</tr>
<tr>
<td><strong>ALMONDS, WALNUTS</strong></td>
<td>Anthracnose (<em>Colletotrichum gleosporoides</em>)</td>
<td>2.5-4 pints/acre or 2 pints <strong>VIATHON®</strong> + 4 pints chlorothalonil/acre</td>
<td>Alternaria: Make applications in May-June-July. Use the higher rate with increased disease pressure. For <strong>VIATHON®</strong> + chlorothalonil applications, make the first application in May, followed by <strong>VIATHON®</strong> applications alone in June and July.</td>
</tr>
<tr>
<td><strong>ALMONDS, WALNUTS</strong></td>
<td>Powdery mildew* (<em>Podosphaera tridactyla</em>)</td>
<td>2 pints <strong>VIATHON®</strong> + 4 pints chlorothalonil/acre</td>
<td>Alternaria: Make applications in May-June-July. Use the higher rate with increased disease pressure. For <strong>VIATHON®</strong> + chlorothalonil applications, make the first application in May, followed by <strong>VIATHON®</strong> applications alone in June and July.</td>
</tr>
<tr>
<td><strong>ALMONDS, WALNUTS</strong></td>
<td>Scab (<em>Cladosporium carpophilus</em>)</td>
<td>4 pints/acre</td>
<td>Botryosphaeria: Most effective when applied in May, June, July, and August.</td>
</tr>
<tr>
<td><strong>ALMONDS, WALNUTS</strong></td>
<td>Leaf rust* (<em>Tranzchelia discolor</em>)</td>
<td>2 pints <strong>VIATHON®</strong> + 4 pints chlorothalonil/acre</td>
<td>Botryosphaeria: Most effective when applied in May, June, July, and August.</td>
</tr>
</tbody>
</table>

**Specific Use Restrictions:**
1) Apply a maximum of 16.5 pints per acre per season.
2) Do not cut the cover crop in treated areas, or allow grazing by livestock in treated areas.
3) The PHI is 35 days.
* Not for use in California for powdery mildew and leaf rust.
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<tbody>
<tr>
<td>BARLEY*</td>
<td>Rusts Head blight suppression</td>
<td>2 pints/acre</td>
<td>Make a single application per season by air or ground at the earliest sign of rust (<em>Puccinia</em> spp.). Optimal timing for <em>Fusarium</em> head blight suppression is when heads are fully emerged on 50% of the plants (growth stage 10.5). Do not apply within 30 days of harvest.</td>
</tr>
</tbody>
</table>

**Specific Use Restrictions:**
1) Straw cut after harvest may be fed or used for bedding.
2) Grazing or feeding forage to livestock is permitted 6 days after the last application.
3) Do not exceed 1 application per season.
* Not for use in California.

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<tr>
<td>CORN</td>
<td>Rust (<em>Puccinia</em> spp.)</td>
<td>2-3 pints/acre or 2 pints/acre *VIATHON® + 6 fl. oz./acre Quilt Fungicide</td>
<td>Apply preventatively when weather favors disease development. Repeat on a 7-14 day interval. Apply the higher rate under heavier disease pressure. For tank mixes with Quilt: Quilt is usually compatible with all tank mix partners. To determine the physical compatibility of this product with Quilt, use a jar test as described in the Compatibility section of this label. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank.</td>
</tr>
<tr>
<td></td>
<td>Northern leaf blight (<em>Exserohilum turcicum</em>)</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Southern leaf blight (<em>Bipolaris maydis</em>)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Northern leaf spot* (<em>Bipolaris zeicola</em>)</td>
<td></td>
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<tr>
<td></td>
<td>Gray leaf spot* (<em>Cercospora zeae-maydis</em>)</td>
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</tbody>
</table>

**Specific Use Restrictions:**
1) Do not apply more than 12 pints *VIATHON®* per acre per season.
2) The PHI is 7 days for applications of this product alone.
3) When tank mixing, no label dosage rate may be exceeded, and the most restrictive label precautions and restrictions must be followed.
* Not for use in California for Northern leaf spot and gray leaf spot.
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<tr>
<td>GRASSES GROWN FOR SEED</td>
<td>Rust (Puccinia spp.)</td>
<td>2-4 pints/acre</td>
<td>Apply when weather conditions favor disease development. Repeat on a 14-day interval. Apply the higher rate under heavier disease pressure. Thorough coverage is important for disease control.</td>
</tr>
<tr>
<td></td>
<td>Powdery mildew</td>
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<td></td>
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</tbody>
</table>

**Specific Use Restrictions:**
1) A maximum of 8 pints/acre may be applied per season.
2) The PHI is 4 days.
3) Chaff, screenings and straw from treated areas may be used for feed purposes; do not forage, cut green crop, or use seed for feed purposes.
4) Regrowth may be grazed starting at 17 days after the last application.

| ONIONS                   | Rust* (Puccinia spp.)    | 2-3 pints/acre| Use VIATHON® as a preventative treatment. Repeat applications on a 10-14 day interval. |
| Green onions             | Purple blotch (Alternaria porii) |               |                                                                         |
| Dry bulb onions          | Downy mildew (Peronospora destructor) |               |                                                                         |

**Specific Use Restrictions:**
1) Do not apply more than 6 pints per acre per season.
2) The PHI is 7 days.
* Not for use in California for rust.
<table>
<thead>
<tr>
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</table>
| **PEANUTS** | Soil-borne: White mold, southern blight *(Sclerotium rolfsii)*  
Rhizoctonia limb rot  
Pythium pod rot  
Foliar: Early and Late Leaf spot  
Leaf rust  
Web blotch | 3-3.5 pints/acre | Apply in a seven application program in sprays 3, 4, 5, and 6 on a preventative 14-day schedule. Make applications of chlorothalonil prior to and following VIATHON® (sprays 1, 2, and 7) to control foliar diseases. Irrigate to carry the spray into the root and pod zone for soil-borne diseases. Use VIATHON® in conjunction with IPM practices to reduce severity of soil-borne diseases. |

**Specific Use Restrictions:**  
1) Do not exceed a maximum of 14 pints product per acre per year.  
2) The PHI is 14 days.  
* Not for use in California.

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| **PECANS** | Anthracnose*  
Brown leaf spot*  
Downy spot*  
Liver spot*  
Scab  
Vein spot*  
Zonate leaf spot*  
Scab  
Vein spot*  
Zonate leaf spot* | Early Season: 2 pints/acre  
Post pollination: 2-2.5 pints/acre | Apply in 100 gallons of water by ground or 5 gallons or more diluent by air in a preventative spray schedule beginning at budbreak and continue on a 10-14 day spray schedule through the pollination period.  
Alone or combination with labeled rates of Super Tin 80WP or Elast 400F. Do not add a surfactant when tank mixing. Apply the higher rate to scab-susceptible varieties or when weather conditions favor severe scab disease. |

**Specific Use Restrictions:**  
1) Do not apply after shucks split.  
2) Do not apply more than 16.5 pints of VIATHON® per acre per year.  
3) Do not feed or graze cover crops in treated areas to livestock.  
* Not for use in California for anthracnose, brown leaf spot, downy spot, liver spot, vein spot, and zonate leaf spot.
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<tr>
<td>PISTACHIOS</td>
<td>Botryosphaeria Panicle and shoot Blight, Alternaria late blight</td>
<td>4 pints/acre</td>
<td>Apply in 100 gallons of water per acre by ground or 5 gallons or more diluent by air. Begin applications at 25-50% bloom and repeat on a 10-14 day interval to protect flowers and fruit. Make two additional pre-harvest sprays 50 and 35 days prior to harvest. Use good sanitation measures and control insect vectors to limit the spread of Botryosphaeria. Alternaria: Start applications in June and continue on a 21 day schedule. Continue until early August.</td>
</tr>
<tr>
<td>SOYBEAN</td>
<td>Soybean rust (<em>Phakopsora pachyrizi</em>)</td>
<td>1.5-2 pints/acre</td>
<td>Apply when rust is forecast. Repeat applications on a 10-14 day interval. Use spray volumes of 2 gallons or more by air, and 10 gallons or more by ground. To prevent mixing issues, add BLENDEX VHC at 0.25% (1 quart/100 gallons). Keep under constant agitation during spraying. Use adjuvants at their lowest labeled rate. Do not apply to soybeans growing under stress conditions, or during extreme environmental conditions. Make applications between R1 and R5 (flowering through visible seed in the pod in the upper 4 nodes of the plant). Make a second application 21 days later if necessary.</td>
</tr>
</tbody>
</table>

Specific Use Restrictions:
1) Do not make more than 4 applications per season.
2) The PHI is 35 days.

Specific Use Restrictions:
1) Do not apply more than 0.225 pounds of the active ingredient tebuconazole (i.e., 4.3 pints of VIATHON®) per acre per year.
2) Do not apply within 21 days of harvest.
<table>
<thead>
<tr>
<th>CROP</th>
<th>DISEASE</th>
<th>RATE</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOYBEAN</td>
<td>Downy mildew* (&lt;i&gt;Peronospora manshurica&lt;/i&gt;),</td>
<td>1.5 pints/acre +</td>
<td>Quilt is usually compatible with all tank mix partners. To determine the</td>
</tr>
<tr>
<td></td>
<td>Powdery mildew* (&lt;i&gt;Microsphaera diffusa&lt;/i&gt;),</td>
<td>6 fl. oz./acre Quilt</td>
<td>physical compatibility of this product with Quilt, use a jar test as</td>
</tr>
<tr>
<td></td>
<td>Frogeye leaf spot (&lt;i&gt;Cercospora sojina&lt;/i&gt;),</td>
<td>Fungicide</td>
<td>described in the Compatibility section of this label. Once compatibility</td>
</tr>
<tr>
<td></td>
<td>Aerial blight (&lt;i&gt;Rhizoctonia solani&lt;/i&gt;), Brown</td>
<td></td>
<td>has been proven, use the same procedure for adding required ingredients</td>
</tr>
<tr>
<td></td>
<td>Leaf spot (&lt;i&gt;Septoria glycines&lt;/i&gt;)</td>
<td></td>
<td>to the spray tank.</td>
</tr>
</tbody>
</table>

**Specific Use Restrictions:**
1) Do not apply more than 0.225 pounds of the active ingredient tebuconazole (i.e., 4.3 pints of VIATHON®) per acre per year.
2) Do not apply within 21 days of harvest.
3) When tank mixing, no label dosage rate may be exceeded, and the most restrictive label precautions and restrictions must be followed.
* Not for use in California for downy mildew and powdery mildew.

| WATERMELON | Powdery mildew*                                          | 2-3 pints/acre        | Apply the specific dose in a protective spray schedule to foliage and   |
|            | Powdery mildew* suppression                             | 4 pints/acre          | fruit. Repeat on a 10-14 day interval.                                  |
|            | Gummy stem blight (<i>Didymella bryonae</i>) suppression|                       |                                                                         |
|            | Downy mildew*                                           | 4 pints/acre          |                                                                         |

**Specific Use Restrictions:**
1) Do not apply more than 12 pints/acre per season.
2) The PHI is 7 days.
* Not for use in California for powdery mildew and downy mildew.
<table>
<thead>
<tr>
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<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHEAT</td>
<td>Rusts, leaf, stem*, and stripe &lt;br&gt;(Puccinia) spp.)</td>
<td>2 pints/acre</td>
<td>Scout fields for symptoms. Apply at earliest sign of disease. For head blight, application is typically best made at growth stage 10.5.</td>
</tr>
<tr>
<td></td>
<td>Head blight* or scab* &lt;br&gt;(Fusarium) spp.) suppression</td>
<td></td>
<td>Rusts, leaf, stem, and stripe: Apply at first sign of pustules.</td>
</tr>
<tr>
<td></td>
<td>Septoria Glume Blotch* &lt;br&gt;(Stagonospora nodorum)</td>
<td></td>
<td>Head blight (suppression): Apply at beginning of flowering (\text{Feekes 10.51}).</td>
</tr>
<tr>
<td></td>
<td>Powdery mildew*&lt;br&gt;(Erysiphe graminis/&lt;br&gt;Blumeria graminis)</td>
<td></td>
<td>Septoria Glume Blotch: Apply when 50% of the heads on the main stem are in flower.</td>
</tr>
<tr>
<td></td>
<td>Tan spot* &lt;br&gt;(Pyrenophora triticirepenis)&lt;br&gt;Septoria Leaf Spot* &lt;br&gt;(\text{Septoria complex})</td>
<td></td>
<td>Powdery mildew: Apply at the onset of disease.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Tan spot and Septoria Leaf Spot: Apply at flag leaf emergence, or at the first sign of disease until end of flowering.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Monitor fields carefully for disease, especially during times of weather conducive for disease. Apply a surfactant at the lowest label rate to optimize control.</td>
</tr>
</tbody>
</table>

**Specific Use Restrictions:**

1) Grazing or feeding forage to livestock is permitted 6 days after the last application.
2) Do not apply within 30 days of harvest. Straw may be used for bedding.
3) Do not exceed 1 application per season (2 pints/acre/season).

* Not for use in California for stem rust, head blight or scab, Septoria glume blotch, powdery mildew, tan spot, or Septoria leaf spot.
STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in a dry, secure, cool place.
PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into the application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available, or puncture or dispose of in a sanitary landfill, or by incineration. Do not burn unless allowed by state and local ordinances. If burned, stay out of smoke.

WARRANTY LIMITATIONS AND DISCLAIMER
To the extent consistent with applicable law, Helena Chemical Company warrants that at the time of delivery, the product will conform to its chemical description on the label, that it will pass without objection in the trade under the contract description, that seller will convey good title thereto, and that such product will be delivered free from any lawful security interest, lien or encumbrance. This is the only warranty made on this product. Helena Chemical Company EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND, EXCEPT AS SET FORTH IN THE ABOVE PARAGRAPH, ANY OTHER EXPRESS OR IMPLIED WARRANTIES. To the extent consistent with applicable law, buyer assumes all risk of use of this material when such use is contrary to label instructions. Read and follow the label directions carefully.

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Elast (dodine) is a registered trademark of Aceto Agricultural Corp.
BLENDEx is a registered trademark of Helena Holding Company.
Quilt (propiconazole + azoxystrobin) is a registered trademark of Syngenta.