

## SPECIMEN LABEL

TEBUSTAR<sup>®</sup> 45 WSP**ACTIVE INGREDIENT:**

Tebuconazole, a-[2-(4-chlorophenyl)ethyl]a-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol ..... 45.0%

**OTHER INGREDIENTS:** ..... 55.0%

**TOTAL:** ..... 100.0%

Contains 0.028 lbs Tebuconazole per ounce.

**KEEP OUT OF REACH OF CHILDREN /**  
**MANTÉNGASE FUERA DEL ALCANCE DE LOS NIÑOS**

**CAUTION / PRECAUCIÓN**

See inside booklet for complete First Aid, Precautionary Statements, Directions For Use, Storage and Disposal, and Conditions of Sale and Warranty.

**For 24-hour chemical spill, leak, fire, or accident response information, call CHEMTREC toll free at 1-800-424-9300.**  
**Para obtener información sobre derrames, fugas, incendios, exposiciones o accidentes químicos las 24 horas, llame a CHEMTREC sin cargo al 1-800-424-9300.**

**STOP** - Read the label before use

**FOLIAR FUNGICIDE IN WATER SOLUBLE PACKETS FOR USE ON SPECIFIED TREE NUTS, POME FRUIT, STONE FRUITS, GRAPE AND BANANA.**

MANUFACTURED FOR:  
ALBAUGH, LLC  
1525 NE 36th Street, Ankeny, IA 50021



**FUNICIDE**

 **ALBAUGH<sup>®</sup>**  
your alternative

## FIRST AID / PRIMEROS AUXILIOS

|   |  |
|---|--|
| <b>IF IN EYES</b><br>/                    | <ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>  |
| <b>SI ENTRA EN CONTACTO CON LOS OJOS:</b> | <ul style="list-style-type: none"> <li>Mantenga los ojos abiertos y enjuáguelos lenta y cuidadosamente con agua, durante 15 a 20 minutos. Si utiliza lentes de contacto, retírelos después de los primeros 5 minutos, luego continúe enjuagando los ojos.</li> <li>Llame al centro de control de envenenamientos o a un médico para consejo de tratamiento.</li> </ul>   |
| <b>IF SWALLOWED</b><br>/                  | <ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li><b>DO NOT</b> induce vomiting unless told to do so by a poison control center or doctor.</li> <li><b>DO NOT</b> give anything by mouth to an unconscious person.</li> </ul>   |
| <b>SI SE INGIERE:</b>                     | <ul style="list-style-type: none"> <li>Llame de inmediato a un centro de control de envenenamientos o a un médico para consejo de tratamiento.</li> <li>Si la persona puede tragar, haga que beba un vaso de agua lentamente.</li> <li>No induzca el vómito a menos que así se lo indique un centro de control de envenenamientos o un médico.</li> <li>No administre nada por boca a una persona que haya perdido el conocimiento.</li> </ul> |
| <b>IF ON SKIN OR CLOTHING</b><br>/        | <ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>   |
| <b>SI CAE EN LA PIEL O ROPA:</b>          | <ul style="list-style-type: none"> <li>Quítese la ropa contaminada.</li> <li>Enjuague la piel inmediatamente con bastante agua por 15-20 minutos.</li> <li>Llame al centro de control de envenenamientos o a un médico para consejo de tratamiento.</li> </ul>   |
| <b>IF INHALED</b><br>/                    | <ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>  |
| <b>SI ES INHALADO:</b>                    | <ul style="list-style-type: none"> <li>Traslade a la persona al aire fresco.</li> <li>Si la persona no está respirando llame al 911 o a una ambulancia, luego dé respiración artificial, preferiblemente de boca a boca, si es posible.</li> <li>Llame al centro de control de envenenamientos o a un médico para consejo de tratamiento.</li> </ul>   |

**HOTLINE NUMBER:** For non-emergency questions regarding exposure to this product, call 1-888-347-6732 (7 days/week, 24-hr/day). For medical emergencies, call the poison control center at 1-800-222-1222. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**NÚMERO DE LÍNEA DIRECTA:** Para información sobre la exposición a este producto que nos sea emergencia, llame al 1-888-347-6732 (7 días/semana, 24-hr). Para emergencias médicas, llame al centro de control de intoxicaciones al 1-800-222-1222. Cuando llame a un centro de control de envenenamiento, o a un médico, o intente obtener tratamiento, tenga a la mano el envase o la etiqueta del producto.

**Note To Physician:** No specific antidote. Treat symptomatically. **Symptoms of Poisoning:** The compound does not cause any definite symptoms that would be diagnostic. Contact with the eyes may cause irritation.

**Nota para el Médico:** No hay antídoto específico disponible. Tratar al paciente sintomáticamente. Síntomas de intoxicación: El compuesto no provoca ningún síntoma definido que pueda ser diagnóstico. El contacto con los ojos puede causar irritación.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Causes moderate eye irritation. Harmful if swallowed, inhaled or absorbed through the skin. **DO NOT** get in eyes or on clothing. Avoid contact with skin. Avoid breathing dust or spray mist.

### PERSONAL PROTECTIVE EQUIPMENT (PPE):

Some materials that are chemical-resistant to this product are listed below.

Applicators and other handlers must wear:

1. Long-sleeved shirt and long pants
2. Chemical-resistant gloves made of barrier laminate, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, polyvinyl chloride  $\geq$  14 mils, or Viton  $\geq$  14 mils
3. Shoes plus socks
4. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

### User Safety Requirements

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.

## DECLARACIONES PREVENTIVAS

### RIESGOS PARA LOS SERES HUMANOS Y ANIMALES DOMÉSTICOS

**PRECAUCIÓN:** Causa irritación moderada en los ojos. Daño si se ingiere. Daño si se inhala. Daño si se absorbe por la piel. No permita que caiga en los ojos, la piel o la ropa. Evite respirar polvo o particulado, rociado o aerosol.

### EQUIPO DE PROTECCIÓN PERSONAL (PPE, por sus siglas en inglés)

Algunos materiales resistentes a este producto químico están hechos de cualquier material impermeable.

Aplicadores y otros manipuladores de pesticidas deben usar:

1. Camisa de manga larga, pantalones largos
2. Guantes resistentes a productos químicos como los laminados impermeables, o caucho de butilo o caucho de nitrilo o caucho de neopreno o cloruro de polivinilo o vitón
3. Calcetines y zapatos
4. Lávese con abundante agua y jabón luego de manejar (pesticidas) y antes de comer, beber, masticar chicle o tabaco, o ir al baño.

### Requisitos de seguridad del usuario

Siga las instrucciones del fabricante para limpiar/mantener el EPP. Si no existen instrucciones para los productos lavables, utilice detergente y agua caliente. Mantenga y lave el EPP por separado del resto de la ropa.

## ENGINEERING CONTROLS STATEMENTS

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Water soluble packets, when used correctly, qualify as a closed mixing/loading system under the Worker Protection Standard [40 CFR 170.607(d)]. Mixers and loaders handling this product while it is enclosed in intact water soluble packets may elect to wear reduced PPE of long-sleeved shirt, long pants, shoes, socks and chemical-resistant gloves.

When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, including a spill or equipment break-down.

### USER SAFETY RECOMMENDATIONS

Users should:

1. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
2. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible wash thoroughly and change into clean clothes.

### RECOMENDACIONES DE SEGURIDAD PARA EL USUARIO

Los usuarios deben usar:

1. Quite la ropa inmediatamente si el pesticida entra. Luego lávese bien y póngase ropa limpia.
2. Quite el EPP inmediatamente después de manipular este producto. Lave el exterior de los guantes antes de quitárselos. Tan pronto como sea posible, lávese bien y cámbiese a ropa limpia.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to estuarine and marine invertebrates. **DO NOT** apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. **DO NOT** contaminate water when disposing of equipment washwater or rinsate.

**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 ground-water contamination.

**Surface Water Advisory:** This product may contaminate water through drift of spray in wind. This product 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 including 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.

**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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### Instructions for Using Water Soluble Packages Directly into Spray tanks:

Water Soluble Packages (WSPs) are designed to dissolve in water. Agitation may be used, if necessary, to help dissolve the WSP. Failure to follow handling and mixing instructions can increase your exposure to the pesticide products in WSPs. WSPs, when used properly, qualify as a closed mixing/loading system under the Agricultural Worker Protection Standard [40 CFR 170.607(d)].

## 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), restricted-entry interval and notification to workers. 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 acres during the restricted entry interval (REI). The REI for each crop is listed in the application directions associated with each crop. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, including plants, soil, or water, is:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of barrier laminate, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, polyvinyl chloride  $\geq$  14 mils, or Viton  $\geq$  14 mils
- Shoes plus socks

## INSTRUCCIONES DE USO

El uso de este producto de forma contraria a lo indicado en su etiqueta constituye una infracción de la ley federal.

No aplique este producto de manera que entre en contacto con trabajadores u otras personas, ya sea directamente o por deriva. Solo los manipuladores protegidos pueden estar en el área durante la aplicación. Para cualquier requisito específico de su estado o tribu, consulte a la agencia estatal o tribal responsable de la regulación de pesticidas.

Instrucciones para usar paquetes solubles en agua directamente en los tanques de pulverización: Los paquetes solubles en agua (WSP) están diseñados para disolverse en agua. Se puede utilizar agitación, si es necesario, para ayudar a disolver el WSP. No seguir las instrucciones de manipulación y mezcla puede aumentar su exposición a los productos pesticidas en los WSP. Los WSP, cuando se usan correctamente, califican como un sistema cerrado de mezcla/carga según el Estándar de Protección de Trabajadores Agrícolas [40 CFR 170.607(d)].

## REQUISITOS DE USO AGRICOLA

Utilice este producto solo de acuerdo con su etiqueta y el Estándar para la Protección del Trabajador Agrícola (WPS, por sus siglas en inglés), 40 CFR Parte 170. Esta ley contiene los requisitos para la protección de los trabajadores agrícolas en granjas, bosques, viveros e invernaderos, y para las personas que manipulan pesticidas agrícolas. Contiene requisitos para la capacitación, descontaminación, notificación y asistencia de emergencia. También contiene instrucciones específicas y excepciones relacionadas con las indicaciones en esta etiqueta acerca del equipo de protección personal (PPE, por sus siglas en inglés), y el intervalo de ingreso restringido. Los requisitos en esta sección de la etiqueta (requisitos para uso agrícola) aplican únicamente a los usos de este producto que están cubiertos por el Estándar para la Protección del Trabajador Agrícola.

No ingrese o permita el ingreso de trabajadores a las áreas tratadas durante el intervalo de acceso restringido (REI, por sus siglas en inglés).

El equipo de protección personal requerido para el acceso anticipado a áreas tratadas de acuerdo con el Estándar para la Protección del Trabajador Agrícola, y que involucra el contacto con material tratado, como plantas, tierra o agua, es:

- Camisa de manga larga, pantalones largos
- Guantes resistentes a productos químicos como los laminados impermeables, o caucho de butilo o caucho de nitrilo o caucho de neopreno o cloruro de polivinilo o vitón
- Calcetines y zapatos

OBSERVE THE FOLLOWING PRECAUTIONS AND RESTRICTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS INCLUDING LAKES; RESERVOIRS; RIVERS; PERMANENT STREAMS, MARSHES OR NATURAL PONDS; ESTUARIES AND COMMERCIAL FISH FARM PONDS.

## MANDATORY SPRAY DRIFT MANAGEMENT

### **Aerial Applications:**

- **DO NOT** release spray at a height greater than 10 ft above the ground or vegetative canopy, unless a greater application height is necessary for pilot safety.
- Applicators are required to use a medium or coarser droplet size (ASABE S572 and S641).
- If the windspeed is 10 miles per hour or less, applicators must use  $\frac{1}{2}$  swath displacement upwind at the downwind edge of the field. When the windspeed is between 11-15 miles per hour, applicators must use  $\frac{3}{4}$  swath displacement upwind at the downwind edge of the field.
- **DO NOT** apply when wind speeds exceed 15 mph at the application site. If the windspeed is greater than 10 mph, the boom length must be 65% or less of the wingspan for fixed-wing aircraft and 75% or less of the rotor diameter for helicopters. Otherwise, the boom length must be 75% or less of the wingspan for fixed-wing aircraft and 90% or less of the rotor diameter for helicopters
- **DO NOT** apply during temperature inversions.

### **Ground Boom Applications:**

- User must only apply with the release height recommended by the manufacturer, but no more than 4 feet above the ground or crop canopy.
- Applicators are required to select the nozzle and pressure that deliver a medium or coarser droplet size (ASABE S572).
- **DO NOT** apply when wind speeds exceed 15 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

### **Boomless Ground Applications:**

- Applicators are required to select the nozzle and pressure that deliver a medium or coarser droplet size (ASABE S572) for all applications.
- **DO NOT** apply when wind speeds exceed 15 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

## SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

### **IMPORTANCE OF DROPLET SIZE**

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

### **Controlling Droplet Size – Ground Boom**

- Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure – Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

### **Controlling Droplet Size – Aircraft**

- Adjust Nozzles - Follow nozzle manufacturers' recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

### **BOOM HEIGHT – Ground Boom**

- For ground equipment, the boom should remain level with the crop and have minimal bounce.

### **RELEASE HEIGHT – Aircraft**

- Higher release heights increase the potential for spray drift.

### **SHIELDED SPRAYERS**

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

### **TEMPERATURE AND HUMIDITY**

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

### **TEMPERATURE INVERSIONS**

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

### **WIND**

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

### **BOOMLESS GROUND APPLICATIONS:**

- Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

### **Handheld Technology Applications:**

- Take precautions to minimize spray drift.

**Runoff Management:**

**RESTRICTION: DO NOT** cultivate within 10 feet of the aquatic areas to allow growth of a vegetative filter strip. When used on erodible soils, best management practices for minimizing runoff must be employed. Consult your local Soil Conservation Service for directions in your use area.

**ROTATIONAL CROPS RESTRICTION**

Any crop not specified on this label may be planted into treated areas 120 days after last application.

**CHEMIGATION**

**DO NOT** apply this product through any type of irrigation system.

**SPRAY VOLUME**

TEBUSTAR® 45 WSP may be applied in 50 gallons or more of spray solution per acre by ground spray equipment or in 15 gallons or more per acre by aircraft equipment except as noted under "APPLICATION INSTRUCTIONS" for each crop. Increase spray volume as crop growth increases to ensure thorough coverage of the foliage and fruit. Check equipment calibration frequently. Complete coverage and uniform application are essential for the most effective results, especially when lower spray volumes are applied.

**Handling Instructions**

Follow these steps when handling pesticide products in WSPs.

1. Mix in spray tank only.
2. Handle WSP(s) in a manner that protects package from breakage and/or unintended release of contents. If package is broken, put on PPE required for clean-up and then continue with mixing instructions.
3. Keep the WSP(s) in outer packaging until just before use.
4. Keep the WSP dry prior to adding to the spray tank.
5. Handle with dry gloves and according to the label instructions for PPE.
6. Keep WSP intact. **DO NOT** cut or puncture WSP.
7. Reseal the WSP outer packaging to protect any unused WSP(s).

**MIXING**

The enclosed packets are water soluble. **DO NOT** allow packets to become wet prior to mixing spray solution. **DO NOT** handle with wet hands or wet gloves. Reseal outer bag to protect remaining packets.

**Mixing Instructions**

Follow the steps below when mixing this product, including if tank mixed with other pesticide products. If being tank mixed, the mixing directions 1 through 9 below take precedence over the mixing directions of the other tank mix products.

WSPs may, in some cases, be mixed with other pesticide products so long as the directions for use of all mixed products **DO NOT** conflict. **DO NOT** tank mix this product with products that prohibit tank mixing or have conflicting mixing directions.

1. If a basket or strainer is present in the tank hatch, remove prior to adding the WSP to the tank.
2. Fill tank with water to approximately one-third to one-half of the desired final volume of spray.
3. Stop adding water and stop any agitation.
4. Place intact/unopened WSP(s) into the tank.
5. **DO NOT** spray water from a hose or fill pipe to break or dissolve the WSP(s).
6. Start mechanical and recirculation agitation from the bottom of tank without using any overhead recirculation, if possible. If overhead recirculation cannot be turned off, close the hatch before starting agitation.
7. Dissolving the WSP(s) may take up to 5 minutes or longer, depending on water temperature, water hardness and intensity of agitation.
8. Stop agitation before tank lid is opened.
9. Open the lid to the tank, exercising caution to avoid contact with dusts or spray mix, to verify that the WSPs have fully dissolved and the contents have been thoroughly mixed into the solution.
10. **DO NOT** add other allowed products or complete filling the tank until the bags have fully dissolved and pesticide is thoroughly mixed.
11. Once the WSP have fully dissolved and any other products have been added to the tank, resume filling the tank with water to the desired level, close the tank lid, and resume agitation.
12. Use the spray solution when mixing is complete.
13. Maintain agitation of the diluted pesticide mix during transport and application.
14. It is unlawful to use any registered pesticide, including WSPs, in a manner inconsistent with its label.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

**RESTRICTIONS: DO NOT** use PVA packets in a tank mix with products that contain boron or release free chlorine. The resultant reaction of PVA and boron or free chlorine is a plastic which is not soluble in water or solvents including diesel oils, kerosene, gasoline or alcohol. TEBUSTAR® 45 WSP is compatible with chlorinated water. **DO NOT** attempt to use the PVA packet directly in diesel oils or summer spray type oils as in ULV or LV uses. PVA packets are water soluble, not oil soluble.

**RESTRICTION: DO NOT** apply by aerial application in New York State.

## RESISTANCE MANAGEMENT

TEBUCONAZOLE | GROUP 3 FUNGICIDE

TEBUSTAR® 45 WSP is in the Group 3 class fungicides. TEBUSTAR® 45 WSP acts as a demethylation inhibitor of sterol biosynthesis (DMI) which disrupts membrane synthesis by blocking demethylation.

Because resistance development cannot be predicted, the use of this product must follow appropriate resistance-management strategies. To delay fungicide resistance, use must be based on an IPM program that includes the following steps:

- Rotate the use of TEBUSTAR® 45 WSP or other Group 3 fungicides within a growing season sequence with different groups that control the same pathogens. Avoid application of more than 3 and consecutive sprays of TEBUSTAR® 45 WSP or other fungicides in the same group in a season.
- Use tank mixtures with fungicide from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM guidance for specific crops and pathogens.
- For further information or to report suspected resistance contact Albaugh, LLC at 1-800-247-8013. You can also contact your pesticide distributor or university extension specialist to report resistance.

## CROP SPECIFIC APPLICATION INSTRUCTIONS

| CROP (Group 14) | DISEASE   | RATE OF TEBUSTAR® 45 WSP |
|-----------------|---|--------------------------|
| Almond          | Brown Rot Blossom Blight<br>( <i>Monilinia tax</i> , <i>M. fructicola</i> ) | 8 oz./A<br>(0.23 lbs Al) |

Apply TEBUSTAR® 45 WSP in a minimum spray volume of 15 gallons per acre by air or 50 gallons per acre by ground. Reduce the application interval for varieties that are highly susceptible to the indicated diseases or when severe disease conditions exist. The use of ground application after petal fall is preferred because of difficulty in penetrating the canopy and obtaining thorough coverage of the foliage and fruit by air.

**Blossom blight:** Begin application at pink bud. If the bloom period is extended, and/or severe disease conditions exist, make a second application at full bloom. If conditions remain favorable for disease, make another application at petal fall.

### RESTRICTIONS:

- TEBUSTAR® 45 WSP may be applied up to 35 days before harvest (PHI=35 days).
- Restricted-entry interval (REI) = 12 hours
- Re-treatment interval (RTI) = 10 days
- **DO NOT** apply more than 8 ounces of TEBUSTAR® 45 WSP (0.23 lbs Al) per acre per application.
- A maximum of 32 ounces TEBUSTAR® 45 WSP (0.90 lbs Al) may be applied per acre per year.
- **DO NOT** make more than 4 applications per acre per year.
- **DO NOT** cut cover crops in treated areas for feed or allow livestock to graze treated areas.

| CROP                             | DISEASE   | RATE OF TEBUSTAR® 45 WSP         |
|----------------------------------|---|----------------------------------|
| Banana<br>Plantain<br>(Group 24) | Black Leaf Streak ( <i>Mycosphaerella funiensis</i> )<br>Yellow Sigatoka ( <i>Mycosphaerella musicola</i> ) | 3.2 oz per acre<br>(0.09 lbs Al) |

Apply specified dosage as a foliar spray in a minimum of 20 gallons or more of water per acre to assure thorough coverage of the plants. A spray oil advised for use on banana or plantain must be utilized at 4.3 pints per acre in tank-mix with TEBUSTAR® 45 WSP. Thoroughly mix TEBUSTAR® 45 WSP in the spray solution prior to the addition of a spray oil. Make the first application before disease becomes established and repeat applications at 14-day intervals if necessary, to maintain disease control.

### RESTRICTIONS:

- TEBUSTAR® 45 WSP may be applied up to 0 days before harvest (PHI=0 days).
- Restricted-entry interval (REI) = 12 hours.
- **DO NOT** apply more than 3.2 ounces of TEBUSTAR® 45 WSP (0.09 lbs Al) per acre per application.
- **DO NOT** apply more than 16 oz of TEBUSTAR® 45 WSP (0.45 lbs Al) per acre per year.
- **DO NOT** make more than 5 applications per acre per year.
- **DO NOT** apply TEBUSTAR® 45 WSP to non-bagged bananas.

| CROP (Group 12)  | DISEASE   | RATE OF TEBUSTAR® 45 WSP                                   |
|--|---|--|
| <b>Cherry (Post-Harvest)</b>   | Brown rot ( <i>Monilinia</i> spp.)<br>Grey Mold ( <i>Botrytis cinerea</i> )<br>Rhizopus rot ( <i>Rhizopus</i> spp.) | 8.0-16.0 oz. per 25,000 lb. of fruit<br>(0.23-.046 lbs Al) |
| Mix specified rate of TEBUSTAR® 45 WSP in 100 gallons of water or wax/oil emulsion (or aqueous dilution of a wax/oil emulsion). Apply through a spray or flood system on a commercial packing line after stem cutting, sizing, sorting or washing. For spray treatments, use conventional spray equipment including T-Jet, flat-fan, or flood jet spray nozzles. Use enough fruit coating fruit coating material to fully coat fruit. Workers handling treated fruit need to wear waterproof gloves. |   |  |

**RESTRICTIONS:**

- **DO NOT** apply more than once prior to boxing and **DO NOT** rinse.
- **DO NOT** apply more than 16 oz. (0.46 lb ai) per 25,000 lb. of fruit per application.

| CROP (Group 14)   | DISEASE  | RATE OF TEBUSTAR® 45 WSP |
|---|--|--------------------------|
| <b>Filbert (Hazelnut)</b>   | Eastern filbert blight<br>( <i>Anisogramma anomala</i> ) | 8 oz./A<br>(0.23 lbs Al) |
| Apply TEBUSTAR® 45 WSP in a preventive spray schedule when conditions are favorable for disease (including budbreak when the first green tissue is visible). Continue applications of TEBUSTAR® 45 WSP at 7- to 14-day intervals if weather conditions are conducive to disease development. Use shorter spray intervals during budbreak and rapid shoot elongation. The expanding shoot tip must be protected. Reduce the application interval for varieties that are highly susceptible to the indicated disease or when severe disease conditions exist. |  |                          |
| Apply TEBUSTAR® 45 WSP in sufficient spray volume for thorough coverage. Tank mixing the lowest labeled rate of a spray surfactant with TEBUSTAR® 45 WSP may improve spray coverage and penetration of the active ingredient into plant tissue. The use of ground application is preferred because of the difficulty in penetrating the canopy and obtaining thorough coverage of the foliage and stems by air.   |  |                          |

**RESTRICTIONS:**

- TEBUSTAR® 45 WSP may be applied up to 35 days before harvest (PHI=35 days).
- Restricted- entry interval (REI) = 12 hours
- Re-treatment interval (RTI) = 7 days
- **DO NOT** apply more than 8 ounces of TEBUSTAR® 45 WSP (0.23 lbs Al) per acre per application.
- A maximum of 32 ounces of TEBUSTAR® 45 WSP (0.90 lbs Al) may be applied per acre per year.
- **DO NOT** make more than 4 applications per acre per year.
- **DO NOT** cut cover crops in treated areas for feed or allow livestock to graze treated areas.

| CROP (Group 13) | DISEASE  | RATE OF TEBUSTAR® 45 WSP            |
|-----------------|--|-------------------------------------|
| <b>Grape</b>    | Black rot ( <i>Guignardia bidwellii</i> )<br>Powdery mildew ( <i>Uncinula necator</i> )<br>Botrytis (Suppression only) | 4 ounces per acre<br>(0.112 lbs Al) |

Apply product in sufficient water for thorough coverage of vines and fruit. Increase spray volume as vine growth increases.

**Powdery Mildew** - Apply in a preventive spray schedule. Make the first application of TEBUSTAR® 45 WSP before bloom and continue applications using spray intervals of Up to 21 days in low to moderate disease pressure. Use a 14-day schedule when disease pressure is severe.

**Black Rot** - Preventive Schedule: Make the first application at 1- to 3-inches of new shoot growth and continue at 7- to 14-day intervals through 5° Brix stage or until veraison (berry coloring) is complete. Apply at 1-inch new shoot growth and at 7- to 10-day intervals on highly susceptible varieties or under severe disease conditions.

**Post-Infection Schedule:** A post-infection schedule may be followed from 1-inch new shoot growth through 5° Brix stage. Apply within 72 hours after the beginning of an infection period. Continue TEBUSTAR® 45 WSP applications using the preventive schedule if the post-infection schedule is discontinued.

**Botrytis** - TEBUSTAR® 45 WSP, applied in a powdery mildew spray schedule, will enhance the activity of registered fungicides used for control of Botrytis bunch rot. Applications must be made on a 14-day schedule for suppression of Botrytis.

**RESTRICTIONS:**

- TEBUSTAR® 45 WSP may be applied up to 14 days before harvest (PHI=14 days).
- Restricted-entry interval (REI) = 12 hours.
- The minimum retreatment interval is 7 days.
- **DO NOT** apply more than 4 ounces of TEBUSTAR® 45 WSP (0.112 lbs Al) per acre per application.
- **DO NOT** apply more than 32 ounces of TEBUSTAR® 45 WSP (0.9 lbs Al) per acre per year.
- **DO NOT** make more than 8 applications per acre per year.
- **DO NOT** apply by aerial application in the State of New York.

| CROP (Group 14)  | DISEASE  | RATE OF TEBUSTAR® 45 WSP |
|------------------|--|--------------------------|
| <b>Pistachio</b> | Botryosphaeria panicle and shoot blight ( <i>Botryosphaeria dothidea</i> ) | 8 oz./A<br>(0.23 lbs Al) |

Apply TEBUSTAR® 45 WSP in a minimum spray volume of 15 gallons per acre by air or 50 gallons per acre by ground. Reduce the application interval for varieties that are highly susceptible to the indicated diseases or when severe disease conditions exist. The use of ground application after flowering is preferred because of difficulty in penetrating the canopy and obtaining thorough coverage of the foliage and fruit by air.

**Botryosphaeria:** Begin application at 25 to 50% bloom and repeat again 10 to 14 days later to protect young flower clusters and fruit. Make two additional applications of TEBUSTAR® 45 WSP 14 days apart beginning 49 days before harvest.

Control of insect vectors and a thorough pruning program to remove plant tissue infected by Botryosphaeria are critical for optimum control of this disease.

**RESTRICTIONS:**

- TEBUSTAR® 45 WSP may be applied up to 35 days before harvest (PHI=35 days)
- Restricted-entry interval (REI) = 12 hours
- Re-treatment interval (RTI) = 10 days
- **DO NOT** apply more than 8 ounces of TEBUSTAR® 45 WSP (0.23 lbs Al) per acre per application.
- A maximum of 32 ounces of TEBUSTAR® 45 WSP (0.90 lbs Al) may be applied per acre per year.
- **DO NOT** make more than 4 applications per acre per year.
- **DO NOT** cut cover crops in treated areas for feed or allow livestock to graze treated areas.

| CROP (Group 12)  | DISEASE   | RATE OF TEBUSTAR® 45 WSP                          |
|--|---|---|
| <b>Plums (Post-Harvest)</b><br>Including Chickasaw, Damson, Japanese, Plumcot, Prune (Fresh) | Brown rot ( <i>Monilinia</i> spp.)<br>Grey Mold ( <i>Botrytis cinerea</i> )<br>Rhizopus rot ( <i>Rhizopus</i> spp.) | 8.0 oz. per 200,000 lb. of fruit<br>(0.23 lbs Al) |

Mix specified rate of TEBUSTAR® 45 WSP in 100 gallons of water, with or without wax. Maintain TEBUSTAR® 45 WSP suspension by direct or by-pass agitation sufficient to prevent settling of product in spray mixture. Apply as spray to fruit as they travel along packing line. After sizing, sorting or washing, TEBUSTAR® 45 WSP application may be incorporated into a waxing system using conventional equipment that provides for even and complete coverage of fruit. **DO NOT** apply more than once prior to boxing and **DO NOT** rinse.

**RESTRICTIONS:**

- **DO NOT** apply more than once prior to boxing and **DO NOT** rinse.
- **DO NOT** apply more than 8.0 oz. (0.225 lb ai) per 200,000 lb. of fruit per application.

| CROP (Group 11)  | DISEASE  | RATE OF TEBUSTAR® 45 WSP                 |                                   |
|--|--|--|-----------------------------------|
| <b>Pome Fruits:</b><br>Apple<br>Crabapple<br>Loquat<br>Mayhaw<br>Pear<br>Pear Oriental<br>Quince | Scab ( <i>Venturia</i> spp.)<br>Cedar-apple rust ( <i>Gymno-sporangium juniperi-virginianae</i> )<br>Powdery mildew ( <i>Podosphaera leucotricha</i> ) | 4 to 8 oz./acre*<br>(0.11 – 0.23 lbs Al) | 2 oz./100 gal.**<br>(0.06 lbs Al) |

**Scab:**

**Preventive Schedule:** Apply at 7- to 10-day intervals from green tip through the second cover spray.

**Post-Infection Schedule:** Apply within 72 hours after the beginning of a scab infection period. TEBUSTAR® 45 WSP applications must not be closer than 7 days apart. Continue TEBUSTAR® 45 WSP applications using the preventive schedule if the post-infection schedule is discontinued.

**Cedar-apple rust:** Apply at 7- to 10-day intervals from pink stage through the second cover spray.

**Powdery mildew:** Apply at 7- to 10-day intervals from tight cluster through the second cover spray

\*The amount of TEBUSTAR® 45 WSP required per acre will depend on tree size and volume of foliage present. The rate per acre is based on a standard of 400 gallons of dilute spray solution per acre for large trees. For smaller trees, multiply 2 ounces times the number of 100 gallons of spray solution required to thoroughly wet, to the point of runoff, one acre of the trees being treated.

\*\*For concentrate sprays, apply the same amount of product per acre as would be applied in a dilute spray based on tree size and foliage volume.

**RESTRICTIONS:**

- Use on Pome Fruit is prohibited in New York state.
- TEBUSTAR® 45 WSP may be applied up to 75 days before harvest (PHI=75 days).
- Restricted-entry interval (REI)= 5 days
- Re-treatment interval (RTI) = 7 days.
- **DO NOT** apply more than 8 ounces of TEBUSTAR® 45 WSP (0.23 lbs Al) per application.
- **DO NOT** apply more 48 ounces of TEBUSTAR® 45 WSP (1.35 lbs Al) per acre per year.
- **DO NOT** make more than 12 applications per acre per year.

| CROP (Group 12)   | DISEASE   | RATE OF TEBUSTAR® 45 WSP                |                                   |
|---|---|---|-----------------------------------|
| <b>Stone Fruits:</b><br>Apricot<br>Cherry<br>Peach<br>Nectarine<br>Plum<br>Plumcot<br>Prune (fresh) | Brown rot<br>(blossom blight, fruit rot)<br>( <i>Monilinia laxa, M. fructicola</i> )<br><br>Cherry leaf spot<br>( <i>Blumeriella jaapii</i> )<br><br>Powdery mildew ( <i>Podosphaera spp., Sphaerotheca pannosa</i> ) | 4 to 8 oz/acre*<br>(0.11 – 0.23 lbs Al) | 2 oz / 100 gal**<br>(0.06 lbs Al) |
| Plum<br>Plumcot<br>Prune (fresh)<br>Peach   | Rust ( <i>Tranzschelia discolor</i> )   | 5 to 8 oz/acre*<br>(0.14 – 0.23 lbs Al) |                                   |

**Blossom blight:** Begin application at white bud on cherry or pink bud on peach and nectarine, and green tip on plums and prunes. Apply again at 50% bloom and at petal fall if conditions continue to be favorable for disease development.

**Fruit rot:** Begin application at two to three weeks before harvest and continue at 7-day intervals through the day of harvest. The blossom and fruit stages must be protected for optimum control of brown rot. If TEBUSTAR® 45 WSP is applied during only one of these stages, another registered fungicide must be applied to the other stage to provide optimum protection. Additional cover sprays during the early post-bloom period are also important for preventing quiescent fruit infections in sweet cherry and peach.

**Leaf spot:** Begin application at petal fall or when first leaves unfold and continue applications at 7- to 14-day intervals. Applications must be made at 7-day intervals early in the growing season when terminal growth is rapid and/or under severe disease conditions. A postharvest application may be made to maintain control and reduce overwintering inoculum.

**Powdery mildew:** Follow leaf spot schedule until terminal growth ceases.

**Rust:** Begin applications after canker emergence and continue applications at 14-day intervals under severe disease conditions.

\*The amount of TEBUSTAR® 45 WSP required per acre will depend on tree size and volume of foliage present. The rate per acre is based on a standard of 400 gallons of dilute spray solution per acre for large trees. For smaller trees, multiply 2 oz times the number of 100 gallons of spray solution required to thoroughly wet, to the point of runoff, one acre of the trees being treated. For concentrate sprays, apply the same amount of product per acre as would be applied in a dilute spray based on tree size and foliage volume, but not less than 4 ounces of TEBUSTAR® 45 WSP per acre. Apply 6 to 8 ounces per acre of TEBUSTAR® 45 WSP when severe disease conditions exist.

\*\*When using the 2 oz/100 gal rate, use at least 4 oz of TEBUSTAR® 45 WSP per acre.

**RESTRICTIONS:**

- TEBUSTAR® 45 WSP may be applied up to and including the day of harvest (0-day PHI).
- Restricted-entry interval (REI) = 5 days.
- Re-treatment interval (RTI) = 7 days (except rust RTI: 14 days)
- **DO NOT** apply more than 8 ounces of TEBUSTAR® 45 WSP (0.23 lbs Al) per application.
- **DO NOT** apply more 48 ounces of TEBUSTAR® 45 WSP (1.35 lbs Al) per acre per year.
- **DO NOT** make more than 12 applications per acre per year.

| CROP (Group 14)  | DISEASE   | RATE OF TEBUSTAR® 45 WSP |
|--|---|--------------------------|
| <b>Tree Nuts:</b><br>Almond (see specific use directions in table above)<br>Beechnut<br>Brazil nut<br>Butternut<br>Cashew<br>Chestnut<br>Chinquapin<br>Filbert (see specific use directions in table above)<br>Hickory nut<br>Macadamia nut<br>Pistachios (see specific use directions in table above)<br>Walnut | Brown rot blossom blight<br>( <i>Monilinia laxa, M. fructicola</i> )<br><br>Botryosphaeria panicle and shoot blight<br>( <i>Botryosphaeria dothidea</i> )<br><br>Eastern filbert blight<br>( <i>Anisogramma anomala</i> ) | 8 oz./A<br>(0.23 lbs Al) |

Begin applications when conditions are favorable for disease but before infection. Apply on a 7- to 14-day spray schedule.

**RESTRICTIONS:**

- TEBUSTAR® 45 WSP may be applied up to 35 days before harvest (PHI=35 days)
- Restricted- entry interval (REI) = 12 hours
- Retreatment Interval (RTI) = 7 days
- **DO NOT** apply more than 8 ounces of TEBUSTAR® 45 WSP (0.23 lbs Al) per acre per application.
- **DO NOT** apply more than 32 oz of TEBUSTAR® 45 WSP (0.90 lbs Al) per acre per year.
- **DO NOT** make more than 4 applications per acre per year.
- **DO NOT** cut cover crops in treated areas for feed or allow livestock to graze treated areas.

## STORAGE AND DISPOSAL

**DO NOT** contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Keep water soluble packets in this container and store in a cool dry place but not below freezing (32° F) and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If container is leaking or material is spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. **DO NOT** walk through spilled material. Dispose of pesticide as directed below. In spill or leak incidents, keep unauthorized people away.

**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. Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill, or by incineration.

## ALMACENAMIENTO Y DESECHO

No contamine agua, comida ni forrajes mediante el almacenamiento y desecheo.

**ALMACENAMIENTO DE PESTICIDAS:** Mantenga los paquetes solubles en agua en este recipiente y guárdelos en un lugar fresco y seco pero no bajo cero (32° F) y de tal manera que se evite la contaminación cruzada con otros pesticidas, fertilizantes, alimentos y piensos. Almacenar en el recipiente original y fuera del alcance de los niños, preferiblemente en un área de almacenamiento cerrada con llave.

Manipule y abra el recipiente de manera que se eviten derrames. Si el contenedor tiene fugas o se derrama material por cualquier motivo o causa, barra con cuidado el material y apílelo. Consulte las declaraciones de precaución en la etiqueta para conocer los peligros asociados con la manipulación de este material. NO camine sobre el material derramado. Deseche el pesticida como se indica a continuación. En caso de derrames o fugas, mantenga alejadas a las personas no autorizadas.

**ELIMINACIÓN DE PESTICIDA:** Los desechos resultantes del uso de este producto pueden eliminarse en el sitio o en una instalación de eliminación de desechos aprobada.

**MANEJO DEL ENVASE:** Envase no recargable. NO reutilice ni rellene este recipiente. Vaciar completamente el contenedor en el equipo de aplicación. Luego desechar el recipiente vacío en un vertedero sanitario o mediante incineración.

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