



Manufactured for:  
**Rotam North America, Inc.**  
1400 NW 107<sup>th</sup> Avenue, Suite 310  
Miami, FL 33172  
1-866-927-6826

# Toledo<sup>®</sup> 45WP Agricultural Fungicide

## In Water Soluble Packets

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### SUPPLEMENTAL LABEL

#### SUPPLEMENTAL DIRECTIONS FOR USE ON:

- **POME FRUITS** (crop group 11)
- **STONE FRUITS** (crop group 12)
- **TREE NUT CROPS** (crop group 14) **AND PISTACHIOS**

#### ACTIVE INGREDIENT

|                   |               |
|-------------------|---------------|
| Tebuconazole*     | 45.0%         |
| Other Ingredients | 55.0%         |
| <b>Total</b>      | <b>100.0%</b> |

\*alpha-[2-(4-chlorophenyl)ethyl]-alpha-(1,1-dimethylethyl)-H-1,2,4-triazole-1-ethanol  
(CASRN: 107534-96-3)

**EPA Reg. No. 83100-13-83979**

**EPA Est. No.: 069821-CHN-005**

**KEEP OUT OF REACH OF CHILDREN**

### CAUTION / PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if inhaled or if swallowed. Causes moderate eye irritation. Avoid breathing dust or spray mist. Avoid contact with eyes or clothing.

**Personal Protective Equipment (PPE):** Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA Chemical Resistant Category Selection Chart.

##### **Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- 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.

All applicable directions, restrictions and precautions on the EPA-registered label must be followed. Before using Toledo 45WP Agricultural Fungicide as permitted according to this supplemental label, read and follow all applicable directions, restrictions, and precautions on the label or attached to the pesticide container. This Supplemental Labeling contains revised use instructions and or restrictions that may be different from those that appear on the container label. The Supplemental Labeling must be in the possession of the user at the time of pesticide application. It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

## DIRECTIONS FOR USE

| GRAPES   |                             |                                  |
|--|-----------------------------|----------------------------------|
| CROP   | DISEASE                     | RATE OF TOLEDO 45WP AGRICULTURAL |
| Grape  | Black Rot<br>Powdery Mildew | 4 oz/acre                        |
| <p><b>Powdery Mildew:</b> Apply in a preventive spray schedule. Make the first application of TOLEDO 45WP AGRICULTURAL FUNGICIDE 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.</p> <p><b>Black Rot:</b> <u>Preventive Schedule:</u> 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. <u>Post-Infection Schedule:</u> 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. TOLEDO 45WP AGRICULTURAL FUNGICIDE applications should not be closer than 7 days apart. Continue TOLEDO 45WP AGRICULTURAL FUNGICIDE applications using the preventive schedule if the post-infection schedule is discontinued.</p> <p><b>Botrytis:</b> TOLEDO 45WP AGRICULTURAL FUNGICIDE, 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.</p> <p><b>GENERAL REMARKS:</b> TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied up to 14 days before harvest. A maximum of 2 pounds of TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied per acre per crop season. <b>The minimum interval between applications is 7 days.</b></p> <p>Apply product in sufficient water for thorough coverage of vines and fruit. Increase spray volume as vine growth increases.</p> <p><b>Restricted-entry Interval (REI): 12 hours</b></p> <p><b>RESISTANCE MANAGEMENT STRATEGY:</b> TOLEDO 45WP AGRICULTURAL FUNGICIDE is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy. Do not Tank-mixing TOLEDO 45WP AGRICULTURAL FUNGICIDE with other DMI fungicides.</p> |                             |                                  |

| POME FRUITS   |  |  |                |
|---|--|--|----------------|
| CROP  | DISEASE                                    | RATE OF TOLEDO 45WP AGRICULTURAL FUNGICIDE |                |
| Apple<br>Crabapple<br>Loquat<br>Mayhaw<br>Pear<br>Pear oriental<br>Quince   | Scab<br>Cedar-apple rust<br>Powdery mildew | 4 to 8 oz/acre*                            | 2 oz/100 gal** |
| <p><b>Scab:</b> <u>Preventative Schedule:</u> Apply at 7 to 10-day intervals from green tip through the second cover spray. <u>Post-Infection Schedule:</u> Apply within 72 hours after the beginning of a scab infection period. TOLEDO 45WP AGRICULTURAL FUNGICIDE applications must not be closer than 7 days apart. Continue TOLEDO 45WP AGRICULTURAL FUNGICIDE applications using the preventative schedule if the post-infection schedule is discontinued.</p> <p><b>Cedar-apple rust:</b> Apply at 7 to 10-day intervals from pink stage through the second cover spray.</p> <p><b>Powdery mildew:</b> Apply at 7 to 10-day intervals from tight cluster through the second cover spray.</p> <p><b>GENERAL REMARKS:</b><br/>           *The amount of TOLEDO 45WP AGRICULTURAL FUNGICIDE 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.<br/>           **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.<br/>           TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied up to 75 days before harvest. A total of 3 pounds of TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied per acre per crop season.</p> <p><b>Restricted-entry Interval (REI) = 5 days.</b></p> <p><b>RESISTANCE MANAGEMENT STRATEGY:</b> TOLEDO 45WP AGRICULTURAL FUNGICIDE is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy. Do not Tank-mixing TOLEDO 45WP AGRICULTURAL FUNGICIDE with other DMI fungicides.</p> |  |  |                |

| STONE FRUITS  |  |  |                |
|---|--|--|----------------|
| CROP  | DISEASE  | RATE OF TOLEDO 45WP AGRICULTURAL FUNGICIDE |                |
| Apricot<br>Cherry<br>Nectarine<br>Peach<br>Plum<br>Plumcot<br>Prune (fresh)   | Brown Rot<br>(blossom blight, fruit rot)<br>Powdery mildew | 4 to 8 oz/acre*                            | 2 oz/100 gal** |
| Plum<br>Plumcot<br>Prune (fresh)<br>Peach   | Rust   | 6 to 8 oz/acre*                            |                |
| <p><b>Blossom Blight:</b> Begin application at white bud on cherry or pink bud on peach and nectarine. Apply again at 50% bloom and at petal fall if conditions continue to be favorable for disease development.</p> <p><b>Fruit Rot:</b> 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 TOLEDO 45WP AGRICULTURAL FUNGICIDE is applied during only one of these stages, another registered fungicide should be applied to the other stage to provide optimum protection. Additional cover sprays during the early postbloom period are also important for preventing quiescent fruit infections on sweet cherry and peach.</p> <p><b>Leaf Spot:</b> Begin application at petal fall or when first leaves unfold and continue applications at 7 to 14-day intervals. Applications should 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.</p> <p><b>Powdery Mildew:</b> Follow leaf spot schedule until terminal growth ceases.</p> <p><b>Rust:</b> Begin applications after canker emergence and continue applications at 14-day intervals under severe disease conditions.</p> |  |  |                |

### STONE FRUITS (Continued)

**GENERAL REMARKS:**

TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied up to and including the day of harvest (0-day PHI). Do not apply more than 3 lb of product per acre per crop season.

- \* The amount of TOLEDO 45WP AGRICULTURAL FUNGICIDE 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, but not less than 4 ounces of TOLEDO 45WP AGRICULTURAL FUNGICIDE per acre. Apply 6 to 8 ounces per acre of TOLEDO 45WP AGRICULTURAL FUNGICIDE when severe disease conditions exist.
- \*\* When using the 2 oz/100 gal rate, use at least 4 oz of TOLEDO 45WP AGRICULTURAL FUNGICIDE per acre.

**Restricted-entry Interval (REI): 5 days**

**RESISTANCE MANAGEMENT STRATEGY:** TOLEDO 45WP AGRICULTURAL FUNGICIDE is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in tank mix or alternated (every other spray application) with a non-DMI (protectant) fungicide as a resistance management strategy. Do not mix TOLEDO 45WP AGRICULTURAL FUNGICIDE with other DMI fungicides.

| TREE NUT CROPS  |   |  |
|---|---|--|
| CROP  | DISEASE   | RATE OF TOLEDO 45WP AGRICULTURAL FUNGICIDE |
| Almond ( <i>see specific use directions</i> )<br>Beechnut<br>Brazil nut<br>Butternut<br>Cashew<br>Chestnut<br>Chinquapin<br>Filbert ( <i>see specific use directions</i> )<br>Hickory nut<br>Macadamia nut<br>Pistachios ( <i>see specific use directions</i> )<br>Walnut   | Brown rot blossom blight<br>Botryosphaeria panicle and shoot blight<br>Eastern filbert blight | 8 oz/acre                                  |
| <p>Begin applications when conditions are favorable for disease but before infection. Apply on a 7 to 10 day spray schedule.</p> <p>A maximum of 32 ounces of product may be applied per acre per crop season. Do not cut cover crops in treated areas for feed, or allow livestock to graze treated areas. TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied up to 35 days before harvest.</p> <p><b>Restricted-entry Interval (REI) = 12 hours.</b></p> <p><b>RESISTANCE MANAGEMENT STRATEGY:</b> TOLEDO 45WP AGRICULTURAL FUNGICIDE is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy. Do not Tank-mixing TOLEDO 45WP AGRICULTURAL FUNGICIDE with other DMI fungicides.</p>  |   |  |
| Almond  | Brown rot blossom blight  | 8 oz/acre                                  |
| <p><b>Blossom blight:</b> 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.</p> <p><b>GENERAL REMARKS:</b> Apply TOLEDO 45WP AGRICULTURAL FUNGICIDE 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.</p> <p>A maximum of 32 ounces of product may be applied per acre per crop season. Do not cut cover crops in treated areas for feed, or allow livestock to graze treated areas. TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied up to 35 days before harvest.</p> |   |  |

**Restricted-entry Interval (REI) = 12 hours.**

**RESISTANCE MANAGEMENT STRATEGY:** TOLEDO 45WP AGRICULTURAL FUNGICIDE is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy. Do not Tank-mixing TOLEDO 45WP AGRICULTURAL FUNGICIDE with other DMI fungicides.

|           |   |           |
|-----------|---|-----------|
| Pistachio | Botryosphaeria panicle and shoot blight | 8 oz/acre |
|-----------|---|-----------|

**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 TOLEDO 45WP AGRICULTURAL FUNGICIDE 14 days apart beginning 49 days before harvest.

**GENERAL REMARKS:** Apply TOLEDO 45WP AGRICULTURAL FUNGICIDE 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.

A maximum of 32 ounces of product may be applied per acre per crop season. Do not cut cover crops in treated areas for feed, or allow livestock to graze treated areas. TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied up to 35 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.

**Restricted-entry Interval (REI) = 12 hours.**

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|                    |                        |           |
|--------------------|------------------------|-----------|
| Filbert (Hazelnut) | Eastern filbert blight | 8 oz/acre |
|--------------------|------------------------|-----------|

Apply TOLEDO 45WP AGRICULTURAL FUNGICIDE in a preventive spray schedule when conditions are favorable for disease (such as budbreak when the first green tissue is visible). Continue applications of TOLEDO 45WP AGRICULTURAL FUNGICIDE 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 TOLEDO 45WP AGRICULTURAL FUNGICIDE in sufficient spray volume for thorough coverage. Tankmixing the lowest labeled rate of a spray surfactant with TOLEDO 45WP AGRICULTURAL FUNGICIDE 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. A maximum of 32 ounces of TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied per acre per crop season. Do not cut cover crops in treated areas for feed, or allow livestock to graze treated areas. TOLEDO 45WP AGRICULTURAL FUNGICIDE may be applied up to 35 days before harvest.

**Restricted-entry Interval (REI) = 12 hours.**

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