



GROUP 33 FUNGICIDE

DISC.

Flanker[®] WDG



STATE OF HAWAII
Department of Agriculture

ACCEPTED

LICENSE NO. **8046.3**

Ornamental Fungicide

SPECIMEN LABEL

ACTIVE INGREDIENT:

Aluminum tris (O-ethyl phosphonate) 80.0%

OTHER INGREDIENTS: 20.0%

TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCIÓN

Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.
(If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

FIRST AID	
If in eyes:	<ul style="list-style-type: none"> • 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 eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • 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 swallowed:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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 (866) 374-1975 for emergency medical treatment information.	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed or absorbed through the skin or inhaled. Causes moderate eye injury. Avoid contact with skin, eyes or clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic and estuarine invertebrates. Drift and runoff may be hazardous to aquatic and estuarine organisms in neighboring areas. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters.

EPA Reg. No. 61842-9

EPA Est. No. 81134-CHN-001

Manufactured for:
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Phoenix, AZ 85008-3279
1-888-732-8246

NSV1SPUS11/09



USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove PPE clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long-sleeved shirt and long pants, chemical-resistant gloves, shoes plus socks, and protective eyewear. Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry. 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.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read entire label before using this product. 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 agency responsible for pesticide regulation.

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 interval. 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 of 12 hours.

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, such as plants, soil or water, is: coveralls, chemical-resistant gloves, shoes plus socks, and protective eyewear.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep unprotected persons out of the treated areas until sprays have dried.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container and keep tightly closed. Store in a cool dry area.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Flanker WDG Fungicide contains Aluminum tris (O-ethyl phosphonate), the same active ingredient found in Aliette®.

Flanker WDG Fungicide is not manufactured or distributed by Bayer Crop Science, seller of Aliette®.

NOT FOR HOME OR RESIDENTIAL USE

DIRECTIONS THROUGH SPRINKLER IRRIGATION SYSTEMS

Apply this product only through sprinkler irrigation systems including microjet, drip, solid set and center pivot. Do not apply this product through any other type of irrigation system.

SET UP: Clean all tanks, hoses, fittings and other parts of the injector system. Be sure to remove residues of prior applications, salt residues or other foreign substances. Flush using clean water.

APPLICATION INSTRUCTIONS: First mix **Flanker WDG Fungicide** in a tank filled with 1/2 to 3/4 the prescribed amount of water. Begin agitation. Add **Flanker WDG Fungicide** to the tank, and then add the remaining volume of water. Set sprinkler to irrigate 0.1 to 0.3 inch of water per acre. Start sprinkler and inject the concentrated mixture of **Flanker WDG Fungicide** into the irrigation system, checking to be sure the proper rate per acre is being applied. The **Flanker WDG** mixture should be injected using a positive displacement pump into the main line in front of a right angle turn to achieve proper incorporation. If you should have any other questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

NOTE: For Microjet and Drip Irrigation Systems: After treatment with **Flanker WDG Fungicide** has been completed, prevent additional irrigation for 24 to 48 hours.

For Solid Set and Center Pivot Irrigation Systems: After treatment with **Flanker WDG Fungicide** has been completed, prevent additional irrigation until foliage is dry to avoid washing **Flanker WDG Fungicide** off the plants.

GENERAL PRECAUTIONS FOR APPLICATIONS THROUGH SPRINKLER IRRIGATION SYSTEMS

Maintain continuous agitation in mix tank during mixing and application to assure a uniform suspension.

The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must also contain a functional, normally closed solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shutdown. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, such as a positive displacement injection pump (e. g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift. Do not apply if any system connections or fittings leak, or if nozzles are not uniformly distributing spray. Do not apply if lines containing the product must be drained or dismantled for any reason. Crop injury, lack of effectiveness or illegal pesticide residues in the crop may result from nonuniform distribution of treated water. Allow adequate time for the pesticide to be flushed from the lines and nozzles with water before stopping irrigation. A person knowledgeable of the chemigation system and responsible for its operation shall shut the system down and make necessary adjustments should the need arise. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the label-prescribed safety devices for public water supplies are in place.

This product may cause staining of surfaces such as side-walks, patios, driveways, pavers or other areas. Avoid spraying off target. It is best to clean equipment thoroughly using a detergent and warm water and then rinse.

ORNAMENTALS AND BEDDING PLANTS

Flanker WDG Fungicide may be applied to ornamentals and bedding plants grown in field nurseries, greenhouses, and landscaping and conifer nurseries for the control of diseases caused by *Pythium* and *Phytophthora*. **Flanker WDG Fungicide** may also be used to control downy mildew and fire blight and for the suppression of bacterial blight caused by certain pathovars of *Xanthomonas campestris*.

For best results application of **Flanker WDG Fungicide** must be made before disease develops. Apply when conditions favor disease development and follow sound IPM and cultural management practices. When disease pressure is severe, use higher rates. Plant injury may occur if recommended rates are exceeded or applications are made at more frequent intervals than listed here.

PLANT TOLERANCE

- Plant tolerances to **Flanker WDG Fungicide** have been found to be acceptable in the specific genera and species listed on this label. There are far too many species and varieties of ornamental plants to determine the plant tolerance of every one to **Flanker WDG Fungicide**. If using **Flanker WDG Fungicide** for the first time or plant tolerance is not known, test for possible phytotoxicity by treating a small area at the recommended rate. Wait 3-7 days and inspect for visual damage. If damage is present, do not use.

ORNAMENTAL AND BEDDING PLANT TANK MIXTURES

Additional Disease Control: Flanker WDG Fungicide is compatible with most commonly used fungicides, and thus may be tank-mixed with fungicides labeled for control of additional diseases. For control of diseases such as aerial web blight, *Alternaria* leaf blight, *Botrytis* blight, *Fusarium* leaf spot, *Helminthosporium* leaf spot, and ray blight, **Flanker WDG Fungicide** can be tank-mixed with other fungicides labeled for control of these diseases.

If a tank-mix with other fungicides is used, follow label directions for the use of that product and apply at the recommended rate for control of the target disease organism. **Flanker WDG Fungicide** is not physically compatible with some flowable formulations of pesticides such as chlorothalonil or mancozeb fungicides. These products must NOT be combined for application.

COMPATIBILITY

Do NOT tank-mix **Flanker WDG Fungicide** with copper compounds. Tessenderlo Kerley Inc. has determined that the mixing of copper-containing compounds with **Flanker WDG Fungicide** may cause phytotoxicity. In addition, the application of **Flanker WDG Fungicide** to foliage with copper residues may cause phytotoxicity from solubilized copper on the leaf surface. Allow at least a 14-day interval between applications of **Flanker WDG Fungicide** and any copper-based products.

Flanker WDG Fungicide may not be compatible with foliar fertilizers.

- Some adjuvants such as stickers, wetting agents and those that enhance pesticide leaf penetration may not be compatible or may cause phytotoxicity when mixed with **Flanker WDG Fungicide**.

To test the mixing compatibility of **Flanker WDG Fungicide** with any tank mix partner, conduct a "jar test" by mixing a small amount of the tank mix components in a small container. Mix the ingredients with water in the concentration, and in the order of addition desired for the final spray application. Wait 15 minutes. Check for any indication of incompatibility such as separation or curdling. If any indication of incompatibility exists, do not use this application mixture.

Flanker WDG Fungicide is not physically compatible with some flowable pesticide formulations such as chlorothalonil or mancozeb fungicides. These products must NOT be combined for application.

- If using a **Flanker WDG Fungicide** tank mix for the first time or if the plant tolerance to the tank mix is not known, test for possible phytotoxicity by treating a small area at the recommended rate. Wait 3-7 days and inspect for visual damage. If damage is present, do not use.

ALWAYS READ AND FOLLOW THE LABEL DIRECTIONS OF ALL TANK MIX COMPONENTS.

ORNAMENTALS

FOLIAR APPLICATIONS to plants such as Aglaonema, Aphelandra, Azalea, Bougainvillea, Boxwood, Cattleya skinneri, Cissus, Dieffenbachia, Hibiscus, Juniper, Leather-leaf Fern, Pittosporum, Philodendron, Pothos, Rhododendron, Spathiphyllum and Taxus media.

Use Precautions:

- Do NOT apply more than 400 gallons of spray solution per acre.
- Do NOT make more than one application every 30 days.

Application Instructions: Mix 2.5-5.0 lbs. of **Flanker WDG Fungicide** with 100 gallons of water and spray to wet. When using a spray solution of less than 100 gallons per acre, be sure to apply at least 2.5-5.0 lbs. of **Flanker WDG Fungicide** per acre. Make repeat applications as necessary to control disease but do not apply more than one spray every 30 days.

DRENCH APPLICATIONS to plants such as Aphelandra, Azalea, Boxwood, Cissus, Dieffenbachia, Japanese Holly, Juniper, Monterey Pine, Philodendron, Pieris, Pittosporum, Rhododendron, Schefflera, Spathiphyllum, and Taxus media.

Use Precautions:

- Do NOT apply more than once every 30 days.

Application Instructions: Mix 0.4-0.8 lbs. (6.4-12.8 oz.) of **Flanker WDG Fungicide** with 100 gallons of water and apply to 400 sq. ft. (2 pints of solution per sq. ft.). Repeat as necessary to control disease. Do not apply more than one spray every 30 days.

SOIL INCORPORATION to plants such as Rhododendron, Azalea or Pieris for control of Phytophthora species **only**.

Use Precautions:

- Incorporate Flanker WDG Fungicide into soil media. Use for plants with established root systems only.

Application Instructions: Immediately before potting, mix 0.5-0.8 lbs. (8-12.8 oz.) of **Flanker WDG Fungicide** per cubic yard of soil mix. Further applications as a foliar spray or drench may be made as needed. Do NOT make more than one application every 30 days.

BEDDING PLANTS

FOLIAR APPLICATIONS to plants such as Begonia, Pansy, Vinca, Marigold, Zinnia, Petunia, Geranium and Impatiens.

Use Precautions:

- Do NOT apply more than 400 gallons spray per acre.
- Do NOT make more than one application every 14 days.

Application Instructions: Mix 1.25-4 lbs. of **Flanker WDG Fungicide** with 100 gallons of water and spray to wet. Repeat as necessary. Do NOT apply more than once every fourteen days.

PHYTOPHTHORA ROOT ROT PREVENTION FOR CONIFERS IN NURSERIES

NOTE: This type of application is **NOT** registered for use in California.

DIP TREATMENTS to conifers such as Douglas fir, spruce and pines.

Use Precautions: Be sure to wear chemical/water-resistant gloves, goggles or face shield, long pants (coveralls), long-sleeved shirt, shoes and socks when making dip applications.

Application Instructions: Thoroughly immerse plant, including roots, by dipping transplants in a solution of 2.5 lbs. of **Flanker WDG Fungicide** per 100 gallons of water. Dip immediately before transplanting.

FOLIAR APPLICATIONS to conifers such as Douglas fir, spruce and pines.

Application Instructions: Mix 2.5-5.0 lbs. of **Flanker WDG Fungicide** with 100 gallons of water and spray to wet. When using a spray solution of less than 100 gallons per acre be sure to apply at least 2.5-5.0 lbs. of **Flanker WDG Fungicide** per acre. Make repeat applications as necessary to control disease but do not apply more than one spray every 30 days.

DOWNY MILDEW CONTROL IN ROSES

FOLIAR APPLICATIONS to field, container, landscape and mini varieties to control downy mildew (*Peronospora sparsa*). NOTE: Follow sound disease sanitation practices to reduce the spread of disease.

Use Precautions:

- Do NOT apply more than 400 gallons of spray solution per acre.
- Do NOT make more than one application every seven days.

Application Instructions: Mix 2.5 lbs. of **Flanker WDG Fungicide** with 100 gallons of water and spray to wet. When using a spray solution of less than 100 gallons per acre, be sure to apply at least 2.5-5.0 lbs. of **Flanker WDG Fungicide** per acre. Repeat as necessary but do NOT make more than one spray every seven days.

FIRE BLIGHT SUPPRESSION

FOLIAR APPLICATIONS to plants such as ornamental pear, pyracantha, and hawthorn. Apply before disease is present. **Flanker WDG Fungicide** works only as a preventive treatment in this type of application. NOTE: Follow sound disease sanitation practices to reduce the spread of disease.

Use Precautions:

- Do NOT apply more than 400 gallons of spray solution per acre.
- Do NOT make more than one application every seven days.

Application Instructions: Mix 2.5 lbs. of **Flanker WDG Fungicide** in 100 gallons of water and spray to wet. If applying less than 100 gallons of spray solution per acre, then apply 2.5-5.0 lbs. of **Flanker WDG Fungicide** per acre. Start applications at the pre-bloom stage and reapply at 7-day intervals throughout the bloom period

If tank mixing **Flanker WDG Fungicide** be sure to read the compatibility statements at the beginning of this section.

BACTERIAL BLIGHT SUPPRESSION

NOTE: This type of application is NOT registered for use in California.

FOLIAR APPLICATIONS to plants such as English ivy, schefflera, anthurium, dieffenbachia, spathaphyllum, syngonium, and ficus to suppress *Xanthomonas campestris* pathovars *hederae*, *dieffenbachiae*, *syngonii* and *fici*. NOTE: Follow sound disease sanitation practices to reduce the spread of disease.

Use Precautions:

- Do NOT apply more than 400 gallons of spray solution per acre.
- Do NOT make more than one application every seven days.

Application Instructions: Mix 2-4 lbs. of **Flanker WDG Fungicide** with 100 gallons of water and spray to wet. When using a spray solution of less than 100 gallons per acre, be sure to apply at least 2.5-5.0 lbs. of **Flanker WDG Fungicide** per acre. Make repeat applications as necessary but do NOT make more than one application every 7 days.

If tank-mixing **Flanker WDG Fungicide** be sure to read the compatibility statements at the beginning of this section.

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

The directions on this label are believed to be reliable and must be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions. The failure to follow the label directions, or good application practices, all of which are beyond the control of Tessenderlo Kerley, Inc., or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. Tessenderlo Kerley, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use, subject to the factors noted above which are beyond the control of Tessenderlo Kerley, Inc. Except as warranted by this label, Tessenderlo Kerley, Inc. makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose. To the extent allowed by applicable law, the exclusive remedy against Tessenderlo Kerley, Inc. for any cause of action relating to the handling or use of this product is a claim of damage, and in no event shall damages or any other recovery of any kind against Tessenderlo Kerley, Inc. exceed the price of the product which causes the alleged loss, damage, injury, or other claim. To the extent allowed by applicable law, Tessenderlo Kerley, Inc. shall not be liable and any and all claims against Tessenderlo Kerley, Inc. are waived, for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income, whether or not based on the negligence of Tessenderlo Kerley, Inc., breach of warranty, strict liability in tort, or any other cause of action. Tessenderlo Kerley, Inc. and the seller offer this product, and the buyer and users accept it, subject to the foregoing conditions of sale and limitations of warranty, liability and remedies.

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