# **PLEASE NOTE**

# This image contains more than one label approved for this product on this date.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

AUG 9 2010

Mr. Michael Kellogg Tessenderlo Kerley Inc C/O Pyxis Regulatory Consulting, Inc 4110 136<sup>th</sup> St. NW Gio Harbor, WA 98332

Subject: Notification(s) for Label Revisions under PRN 98-10 Request Alternate Brand Name "Gimme"

Dear Registrant:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated September 29, 2008 for:

# EPA Registration 61842-10

Autograph

The Registration Division (RD) has conducted a review of this request for applicability under PRN 98-10 and finds that the label change(s) requested falls within the scope of PRN 98-10. The label has been date-stamped "Notification" and will be placed in our records.

If you have any questions, please contact me directly at 703-305-5335 or Banza Djapao of my staff at 703-305-7269.

Sincerely,

Paul Mastradone, Acting Leader Notifications & Minor Formulations Team Leader Registration Division (7505P) Office of Pesticide Programs

Please read instructions on reverse before con	ing form.		Form Ap	void	OMB No. 2	070-0060	204 1
SEPA Environmental	nited States <b>Protection Ag</b> ngton, DC 20460	gency		<ul> <li>Image: A start of the start of</li></ul>	Registrat Amendm Other		OPP Identifier Number
	Application fo	r Pestici	de - Sec	tion	1		
1. Company/Product Number 61842-10		2. EPA I T. Kist	Product Man	ager		3. Pro	posed Classification
4. Company/Product (Name) Tessenderlo Kerley Inc. / Autograph		PM#		22			
<ol> <li>Name and Address of Applicant (Include ZIP Coor Tessenderlo Kerley Inc. c/o Pyxis Regulatory Consulting, Inc. 4110 136th St. NW Gig Harbor. WA 98332</li> </ol>	de)	(b)(i), m to:	y product	is sim		al in coi	FIFRA Section 3(c)(3) mposition and labeling
Check if this is a new address		Produ	ct Name				
	Se	ection - I					
<ul> <li>Amendment - Explain below.</li> <li>Resubmission in response to Agency letter of</li> <li>✓ Notification - Explain below.</li> </ul>	dated		Final printe Agency lett "Me Too" / Other - Exp	ter dat Applica	ation.	NOT	FICATION 5 - 9 2010
of PR Notice 98-10 and EPA regulations at 40 CFR 1 this product. I understand that it is a violation of 18 U not consistent with the terms of PR Notice 98-10 and penalties under sections 12 and 14 of FIFRA.	J.S.C. Sec. 1001 to wi 40 CFR 152.46, this p	Ilfully make a product may	ny false state be in violation	ment	to EPA. I furthe	er underst	and that if this notification is
	Se	ction - II	ł				
1. Material This Product Will Be Packaged In:         Child-Resistant Packaging         Yes         ✓         No         * Certification must	No. per if "Y	er Soluble Pr Yes No Yes" Kage wgt	No. per containe		2. Type of C	ontainer Metal Plastic Glass Paper Other (S	posited poly lined foil bag
be submitted		age age					
3. Location of Net Contents Information           ✓         Label         ✓         Container	4. Size(s) Retail Con 5.7	teiner 71 lbs.		5. Lo	Cation of Labe		
6. Manner in Which Label is Affixed to Product	Lithograph Paper glued Stenciled		Othe	'	· · · · · · · · · · · · · · · · · · ·		······
	Se	ction - IV	/				J
1. Contact Point <i>(Complete items directly below fo</i>	or identification of inc	lividual to be	contacted,	if nec	essary, to proc	ess this	appilcation.)
Name Michael Kellogg	Title Agen	t				elephone 253-853	No2(Include Area Code) -7369 ,
I certify that the statements I have made on t I acknowledge that any knowlinglly false or n both under applicable law.					irate and com		6. Date Application Received (Stamped)
2. Signature	3. Title Agen					ر	
4. Typed Name Michael Kellogg	5. Date	Ale	7		PA File Conv (		, , , ,

Previous editions are obsolete.

6184 PYXIS REGULATORY CONSULTING, INC. for "Tessenderto Kerley, Inc. 4110 136<sup>th</sup> St. NW Phone: 253-853-7369 Gig Harbor, WA 98332 Fax: 253-853-5516

Email: www.PyxisRC.com

September 29, 2008

Tony Kish (PM 22) Document Processing Desk (NOTIF) Office of Pesticide Programs (7504P) U.S. Environmental Protection Agency Room S-4900, One Potomac Yard 2777 S. Crystal Drive Arlington, VA 22202-4501

RE: Tessenderlo Kerley Inc. - Autograph<sup>™</sup> (EPA Reg. No. 61842-10) Submission of Alternate Brand Name per PR Notice 98-10

Dear Mr. Kish,

On behalf of Tessenderlo Kerley Inc. please find the enclosed notification of the addition of an alternate brand name per PR Notice 98-10 for Autograph™ (EPA Reg. No. 61842-10). The alternate brand name is "Gimme<sup>®</sup>,"

In support of this notification, please find the following:

- 1. Completed Application for Registration (EPA Form 8570-1)
- One (1) copy of the Gimme<sup>®</sup> labeling with changes tracked
   One (1) copy of the Gimme<sup>®</sup> labeling with changes incorporated
- 4. Letter of Authorization

Please feel free to call me if you have any questions or need any additional information.

Sincerely.

Michael Kellogg

Enclosures

cc: Brian Thomassen; Tessenderlo Kerley Inc.



# Gimme<sup>®</sup>

**GROUP 33 FUNGICIDE** 

ACTIVE INGREDIENT:	
Aluminum tris (O-ethyl phosphonate)	70.0%
OTHER INGREDIENTS:	
TOTAL	

Gimme contains aluminum tris (O-ethyl phosphonate), the same active ingredient found in Chipco<sup>®</sup> Signature<sup>®</sup>.

# NOTIFICATION

# KEEP OUT OF REACH OF CHILDREN CAUTION

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	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 do so by the poison control center or doctor.
	Do not give anything by mouth 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
	eye.
	Call a poison control center or doctor for treatment advice.
If on skin or	Take off contaminated clothing.
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 by mouth-to-mouth, if possible.
	Call a poison control center or doctor for further treatment advice.
· · · · · · · · · · · · · · · · · · ·	HOT LINE NUMBER
Have the produ	ct container or label with you when calling a poison control center or doctor, or going for
	may also contact 1-800-877-1737 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.

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EPA Reg. No. 61842-10

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Manufactured for: Tessenderlo Kerley, Inc. 2255 North 44<sup>th</sup> Street, Suite 300 Phoenix, AZ 85008-3279 1-888-732-8246



**Net Weight:** 

# 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 resistance gloves made of any waterproof material such as polyethylene or polyvinyl chloride, shoes plus socks, and protective eyewear. Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables, 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.

# 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 washwaters or rinsate.

Users should:

# USER SAFETY RECOMMENDATIONS

- 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.

# **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 the agency responsible for pesticide regulation.

# Not for use on home or residential lawns.

# 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, waterproof 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.

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# 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 place.

**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:** Completely empty bag into application equipment. Then 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.

# 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.

**SPRAY PREPARATION:** Remove scale, pesticide residues, and other foreign matter from the chemical tank and entire injector system. Flush with clean water.

**APPLICATION INSTRUCTIONS:** First prepare a suspension of Gimme in a mix tank. Fill tank with 1/2 to 3/4 the desired amount of water. Start mechanical or hydraulic agitation. Add the required amount of Gimme, and then the remaining volume of water. Then set sprinkler to deliver 0.1 to 0.3 inch of water per acre. Start sprinkler and uniformly inject the suspension of Gimme into the irrigation water line so as to deliver the desired rate per acre. The suspension of Gimme should be injected with a positive displacement pump into the main line ahead of a right angle turn to insure adequate mixing. 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:** When treatment with Gimme has been completed, further field irrigation over the treated area should be avoided for 24 to 48 hours.

For Solid Set and Center Pivot Irrigation Systems: When treatment with Gimme has been completed, further field irrigation over the treated area should be avoided until foliage is dry to prevent washing the chemical 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 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 displacer and infection 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, when system connection or fittings leak, when nozzles do not provide uniform distribution or when lines containing the product must be dismantled and drained.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop may result from nonuniform distribution of treated water. Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. 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.** Avoid off-target sites such as side-walks, patios, driveways, pavers, or similar materials. Rinse spray equipment thoroughly with warm water and detergent.

# ORNAMENTALS AND BEDDING PLANTS

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

Applications should be made prior to disease development and in conjunction with good cultural management practices. Use the higher rates listed below when disease pressure is severe; however, do not exceed recommended rates or apply more frequently than at specified intervals or plant injury may occur.

# PLANT TOLERANCE

Plant tolerances to Gimme have been found to be acceptable in the specific genera and species listed on this label. It is not possible to evaluate every species or variety of ornamental plant for its tolerance to Gimme. The user should test for possible phytotoxic responses in other plants on a small areas basis using recommended rates prior to commercial use.

# **ORNAMENTAL AND BEDDING PLANT TANK MIXTURES**

Additional Disease Control: If ornamentals are threatened by additional diseases, Gimme is compatible with most commonly used fungicides. For control of diseases such as Aerial Web Blight, Alternaria Leaf Blight, Botrytis Blight, Fusarium Leaf Spot, Helminthosporium Leaf Spot, and Ray Blight, Gimme can be tankmixed with Chipco<sup>®</sup> 26019 brand fungicide.

Consult the Chipco<sup>®</sup> 26019 label for a complete listing of diseases controlled and for application rates.

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. Gimme is not compatible with the flowable formulation of Daconil<sup>®</sup> 2787. These products should not be combined for application.

# COMPATIBILITY

Gimme may not be compatible with foliar fertilizers or with copper based fungicides. To avoid undesirable copper phytotoxicity, do not apply Gimme and copper-based compounds at less than 14-day intervals. Also, if copper based products and Gimme are included in the same foliar spray program, it is advised to avoid application with air blast equipment.

Do not mix Gimme with any sticker, extender or wetting agent.

To determine the physical compatibility of Gimme with any other product, use a small container to mix a small amount (e.g. 1 pint) of spray solution, containing all ingredients in the same order and ratio as the anticipated use. If any indication of physical incompatibility develops, do not use this mixture for spraying. Indication of incompatibility usually appears within 5-15 minutes after mixing. Read and follow all directions and precautions on this label and on the labels of any products for which a tank mixture is being considered.

Gimme is not physically compatible with flowable formulations of Daconil<sup>®</sup> 2787 or Fore<sup>®</sup> fur gioides as a tank mixture. These products should not be combined for application.

# ORNAMENTALS

<u>FOLIAR APPLICATIONS</u> to Aglaonema, Aphelandra, Azalea, Bougainvillea, Boxwood, *Cattelya skinneri*, Cissus, Dieffenbachia, Hibiscus, Juniper, Leather-leaf Fern, Pittosporum, Philodendron, Pothos, Rhododendron, Spathiphyllum and Taxus media.

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Use Precautions:

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

נ , ננננ Application Instructions: Mix 2.85 - 5.7 lbs. of Gimme with 100 gallons of water and spray to wet. If applying less than 100 gallons of spray solution per acre, apply 2.85 - 5.7 lbs. of Gimme per acre. Make repeat applications as necessary but do NOT make more than on application every 30 days.

<u>DRENCH APPLICATIONS</u> to Aphelandra, Azalea, Boxwood, Cissus, Dieffenbachia, Japanese Holly, Juniper, Monterey Pine, Philodendron, Pieris, Pittosporum, Rhododendron, Schefflera, Spathiphyllum, and Taxus media.

Use Precautions:

Do NOT make more than one application every 30 days.

Application Instructions: Mix 0.46 - 0.91 lbs. (7.4 - 14.6 oz.) of Gimme with 100 gallons of water and apply to 400 sq. ft. (2 pints of solution per sq. ft.). Repeat as necessary but do NOT make more than one application every 30 days.

SOIL INCORPORATION to Rhododendron, Azalea, or Pieris for control of Phytophthora species only.

Use Precautions:

Make soil incorporation applications to well-rooted plants only.

Application Instructions: Immediately before potting, mix 0.57 – 0.91 lbs. (9.1 – 14.6 oz.) of Gimme per cubic yard of soil mix. If conditions are favorable for disease development, follow-up applications as a foliar spray or drench may be made as needed being sure to follow the instructions for foliar or drench applications above.

# **BEDDING PLANTS**

FOLIAR APPLICATIONS to 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 1.4 – 4.6 lbs. of Gimme with 100 gallons of water and spray to wet. Repeat as necessary but do NOT make more than one application 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: Immediately before transplanting, thoroughly wet plant and root mass by dipping transplants in 2.85 lbs. of Gimme per 100 gallons of water.

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

Application Instructions: Mix 2.85 – 5.7 lbs. of Gimme with 100 gallons of water and spray to wet. If applying less than 100 gallons of spray solution per acre, apply 2.85 – 5.7 lbs. of Gimme per acre. Make repeat applications as necessary but do NOT make more than one application every thirty days.

# DOWNY MILDEW CONTROL IN ROSES

FOLIAR APPLICATIONS to field, container, landscape and mini varieties to control downy mildew (*Peronospora sparsa*). NOTE: Applications should be made in conjunction with a disease sanitation program to reduce the spread of the disease to uninfected plants.

Use Precautions:

• Do NOT apply more than 400 gallons of spray solution per acre.

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• Do NOT make more than one application every seven days.

Application Instructions: Mix 2.85 lbs. of Gimme with 100 gallons of water and spray to wet. If applying less than 100 gallons of spray solution per acre, then apply 2.85 - 5.7 lbs. of Gimme per acre. Repeat as necessary but do NOT make more than one application every seven days.

# FIRE BLIGHT SUPPRESSION

<u>FOLIAR APPLICATIONS</u> to ornamental pear, pyracantha, and hawthorn. Gimme works solely as a preventive treatment in this type of application. NOTE: Applications should be made in conjunction with a disease sanitation program to reduce the spread of the disease to uninfected plants.

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 2.85 lbs. of Gimme in 100 gallons of water and spray to wet. If applying less than 100 gallons of spray solution per acre, then apply 2.85 – 5.7 lbs. of Gimme per acre. Start spray treatments at the pre-bloom stage and reapply at 7-day intervals until the bloom period ends.

# BACTERIAL BLIGHT SUPPRESSION

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

<u>FOLIAR APPLICATIONS</u> to English ivy, schefflera, anthurium, dieffenbachia, spathaphyllum, syngonium, and ficus to suppress *Xanthomonas campestris* pathovars *hederae*, *dieffenbachiae*, *syngonii*, and *fici*. NOTE: Applications should be made in conjunction with a disease sanitation program to reduce the spread of the disease to uninfected plants.

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 2.3 - 4.6 lbs. of Gimme with 100 gallons of water and spray to wet. If applying less than 100 gallons of spray solution per acre, then apply 2.85 - 5.7 lbs. of Gimme per acre. Make repeat applications as necessary but do NOT make more than one application every 7 days.

If tank mixing Gimme with coppers or other compounds, be sure to refer to compatibility statements at the beginning of this section.

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# TURF

# NOTE: DO NOT apply to home or residential lawns.

Gimme is a systemic fungicide for use in a seasonal program for the control of Pythium diseases (such as blight and root rot, and yellow tuft) on turfgrass in golf courses, sod farms and other commercial turf areas. A maintenance program that includes Gimme encourages the development of thick, vigorous turf that is better able to tolerate various stresses (heat, humidity, drying winds, traffic, etc) that can negatively impact turf health. A thick vigorous Gimme treated turf is better able to resist disease development and suppress the development of other pests such as weeds and algae.

# **Use Precautions:**

- Do not graze animals on treated turf.
- Do not feed clippings from treated turf to livestock and poultry.
- Do not mow and/or water treated areas until foliage is completely dry.

**Application Instructions:** Start preventive applications when conditions first favor disease and repeat at the interval recommended in the table below. Apply as a foliar spray using a properly calibrated sprayer at the rate recommended below in 1 - 5 gallons of water per 1,000 sq. ft. Be sure to maintain agitation while mixing and spraying.

Application Interval	Application Rate (Oz. per 1,000 S q. F t.)
14 days	4.6
21 days	9.1

# COMPATIBILITY

NOTE: Do NOT mix Gimme with any sticker, extender or wetting agent.

Gimme may not be chemically compatible with foliar fertilizers or copper based fungicides. Mixing with these products may result in phytotoxicity. Gimme is NOT physically compatible with flowable formulations of Daconil 2787<sup>®</sup> or Fore<sup>®</sup> fungicides, Bayleton<sup>®</sup> 50W, Rubigan<sup>™</sup> A.S. and Spectro<sup>™</sup> 90 WDG and these products should NOT be used in tank mixes with Gimme.

To determine the physical compatibility of Gimme with another product, use a small container to mix a small amount (for example, 1 pint) of spray solution, containing all of the desired ingredients in the same order and ratios as the anticipated use. If any indication of physical incompatibility develops within 5 to 15 minutes of mixing (such as separation, clumping, etc.), do not use this mixture for spraying. Be sure to read and follow all directions and precautions on this label and on the labels of any tank mix partner products.

# TANK MIXTURES FOR TURF DISEASES

**Summer Stress Complex / Summer Decline: Gimme** may be tank mixed with products labeled to control Summer Stress Complex / Summer Decline caused by a complex of *Pythium* and *Rhizoctonia* diseases on common turfgrass on golf courses, sod farms, industrial or municipal turf areas. Do NOT mix **Girtume** with any product containing a label prohibition against such mixing.

Anthracnose: Gimme may be tank mixed with products listed for use on common turgrass on golf courses, sod farms, and industrial or municipal turf areas for improved control of anthracnose. A preventative, raulti-application (repeat every 14 days) program is suggested prior to the appearance of the disease and the conditions favorable to anthracnose development. Be sure to follow the most restrictive of itabel limitations and precautions and do not exceed label dosage rates.

**Bentgrass Deadspot:** Gimme may be tank mixed with products used to control bentgrass deadspot in common turfgrass on golf courses, sod farms, and industrial or municipal turf areas. A preventative, multi-application (repeat every 14 days) program may be started prior to the appearance of the disease and the conditions favorable to bentgrass deadspot development. Be sure to follow the most restrictive of label limitations and precautions and do not exceed label dosage rates.

[Note to Reviewer: Text and table appearing on this page are OPTIONAL language and may not appear on final product labeling. If "TANK MIXTURES FOR TURF DISEASES" text from previous page appears on final label, language on this page will not appear on final label.]

# TANK MIXTURES FOR TURF DISEASES

**Summer Stress Complex / Summer Decline:** Tank mix Gimme with the products listed below to control Summer Stress Complex / Summer Decline caused by a complex of *Pythium* and *Rhizoctonia* diseases on common turfgrass on golf courses, sod farms, industrial or municipal turf areas. Do NOT mix Gimme with any product containing a label prohibition against such mixing.

**Anthracnose:** Tank-mix Gimme with the products listed for use on common turgrass on golf courses, sod farms, and industrial or municipal turf areas for improved control of anthracnose. A preventative, multi-application (repeat every 14 days) program must be started prior to the appearance of the disease and the conditions favorable to anthracnose development. Be sure to follow the most restrictive of label limitations and precautions and do not exceed label dosage rates.

**Bentgrass Deadspot:** Tank-mix Gimme with either Fore<sup>®</sup> Rainshield<sup>™</sup> or Daconil Ultrex<sup>®</sup> to control bentgrass deadspot in common turfgrass on golf courses, sod farms, and industrial or municipal turf areas. A preventative, multi-application (repeat every 14 days) program must be started prior to the appearance of the disease and the conditions favorable to bentgrass deadspot development. Be sure to follow the most restrictive of label limitations and precautions and do not exceed label dosage rates.

Disease Treated	Tank Mix Partner	Application Rate (Oz. / 1,000 FT <sup>2</sup> )	Application Interval
	Gimme	4.6 - 9.1	
	+	+	
	26GT™	3.0 - 4.0	
	or	or	
	Daconil Ultrex <sup>®</sup>	3.3	
	or	or	
Summer Stress Complex <sup>‡</sup>	Manicure™ DG	3.3	
(Pythium, Anthracnose,	or	or	
and Rhizoctonia spp.)	Dithane <sup>®</sup> T/O	8.0	
	or	or	
and/or	Protect T/O	8.0	
	or	or	
Anthracnose	Mancozeb DG	8.0	14 days
(Colletotrichum	or	or	14 days
graminicola)	Fore <sup>®</sup> WP	4.0 - 8.0	
	or	or	
	Heritage <sup>®</sup>	0.2 - 0.4	
	or	or	
	Banner <sup>®</sup> Maxx <sup>®</sup>	1.0 - 2.0	
	or	or	
	ProStar <sup>®</sup> 70 WP	1.5 - 3.0	
	Gimme	4.6	
Bentgrass Deadspot	+	+	1.2.4
(Ophiosphaerella agrostis)	Fore <sup>®</sup> Rainshield™	8.0	، د د د د ر
(Opinospilaerella agrostis)	or	or	
	Daconil Ultrex <sup>®</sup>	3.2	

<sup>‡</sup> The following fungicides are physically compatible with Gimme and may be substituted for the partner products listed above for use with Gimme in a Summer Stress Complex control program: Bayleton<sup>®</sup> 50<sup>†</sup>, Cavalier<sup>™</sup> 50<sup>°</sup>, WSB, Cavalier<sup>™</sup> Flowable, Chlorostar, Cleary's 3336<sup>™</sup> WP<sup>†</sup>, Cleary's 3336<sup>™</sup> F<sup>†</sup>, Compass<sup>™</sup>, Concorde<sup>™</sup> SST, Concorde<sup>™</sup> DF, Consyst, Curalan<sup>®</sup> EG, Daconil<sup>®</sup> Weather Stik<sup>®†</sup>, Daconil ZN<sup>®</sup>, Rainshield NT<sup>™</sup>, Eagle, Echo<sup>®</sup> 90 DF, Echo<sup>®</sup> Flowable, Endorse<sup>™</sup>, Fluid Fungicide, Fungo<sup>®</sup> Flo, Fungo<sup>®</sup> 50 WSB, MANhandle<sup>™</sup>, Manicure<sup>™</sup> 6 Flowable, Manicure<sup>™</sup> T/O Flowable, Manicure<sup>™</sup> Ultrex<sup>®</sup>, Medallion<sup>®</sup>, Pentathlon<sup>®</sup> DF, Revere<sup>™</sup> 4000, SysStar<sup>®</sup>, SysTec<sup>®</sup> 1998, SysTec<sup>®</sup> 1998 WDG, Systhane<sup>®</sup> WSP, Terrachlor<sup>®</sup> 75 WP and 400<sup>†</sup>, Terraguard<sup>®</sup> 50W, Terrazole<sup>®</sup> 35% WP, Touche<sup>™</sup> EG, Turfcide<sup>®</sup> 400, TwoSome<sup>™</sup> Flowable Fungicide.

<sup>†</sup> These products must be added to the tank first and allowed to disperse prior to the addition of Gimme.

IDAIL

# **Tank-Mix Mixing Instructions**

Because the order in which tank-mix products are added to the tank can affect this product's ability to go into the solution, it is generally best to add Gimme to the tank prior to its tank-mix partner unless otherwise indicated in this label.

If tank-mixing with other fungicides, follow the label directions for the use of the tank-mix partner product and apply at the recommended rate for control of the target disease organism. Be sure to maintain agitation while mixing and spraying.

# 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 consistent with 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 consistent with 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.

Bayleton<sup>®</sup> and Prostar<sup>®</sup> are registered trademarks of Bayer.

Chipco<sup>®</sup> and Signature<sup>®</sup> are registered trademarks of Baver Crop Science LP

Compass<sup>™</sup> is a trademark of Bayer.

Endorse™ is a trademark of Avesta. Banner<sup>®</sup>, Maxx<sup>®</sup>, Heritage<sup>®</sup>, Daconil<sup>®</sup>, Daconil Ultrex<sup>®</sup>, Weather Stik<sup>®</sup>, Daconil Zn<sup>®</sup>, and Medallion<sup>®</sup> are registered trademarks of Syngenta.

Dithane<sup>®</sup>, Systhane<sup>®</sup> and Fore<sup>®</sup> are registered trademarks of Dow AgroSciences Company.

Cavalier™, Manicure™, MANhandle™, Revere™, TwoSome™ and Lesco™ are trademarks of Lesco, Inc. Curalan<sup>®</sup> is a registered trademark of BASF Corporation.

3336<sup>™</sup> and Spectro<sup>™</sup> are trademarks of Cleary Chemical Company. Systec<sup>®</sup> and Systar<sup>®</sup> are registered trademarks of Regal Chemical Company.

Echo<sup>®</sup> is a registered trademark of SIPCAM AGRO USA, Inc.

Fungo<sup>®</sup> is a registered trademark of the Scotts Company. Terrachlor<sup>®</sup>, Terraguard<sup>®</sup>, Terrazole<sup>®</sup> and Turfcide<sup>®</sup> are registered trademarks or Uniroyal Chemical Company, Inc.

Concorde<sup>™</sup> is a trademark and Pentathlon<sup>®</sup> is a registered trademark of Griffin L.L. C. Sorreg Gimme is a registered trademark of Tessenderlo Kerley, Inc.

Gimme is not manufactured or distributed by Bayer Crop Science LP, seller of Chipco® Signature®

5.00

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# NEXT

LABEL

81912010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

> OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

AUG 9 2010

Mr. Michael Kellogg Tessenderlo Kerley Inc C/O Pyxis Regulatory Consulting, Inc 4110 136<sup>th</sup> St. NW Gio Harbor, WA 98332

Subject: Notification(s) for Label Revisions under PRN 98-10 Request Alternate Brand Name "FlagStick"

Dear Registrant:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated September 29, 2008 for:

# EPA Registration 61842-10

Autograph

The Registration Division (RD) has conducted a review of this request for applicability under PRN 98-10 and finds that the label change(s) requested falls within the scope of PRN 98-10. The label has been date-stamped "Notification" and will be placed in our records.

If you have any questions, please contact me directly at 703-305-5335 or Banza Djapao of my staff at 703-305-7269.

Sincerely,

C. Halloman

Paul Mastradone, Acting Leader Notifications & Minor Formulations Team Leader Registration Division (7505P) Office of Pesticide Programs

	Environmenta	ing form. Jnited States Il Protection ington, DC 20460	Agency		Registra Amendr Other		OPP Identifier Number
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. Company/Product Numbe	r		1	Product Manage	r	3. Pro	posed Classification
61842-10			T. Kisl	h	······································		None Restricted
. Company/Product (Nama) Fessenderlo Kerley Inc			PM#	22			
Name and Address of Ap		ode)	6. Exp	edited Reveiv	v. In accorda	nce with	FIFRA Section 3(c)(3)
Tessenderlo Kerley Inc. c/o Pyxis Regulatory Co 4110 136th St. NW Gia Harbor, WA 98332	nsulting, Inc.		(b)(i), n to:		milar or ident	ical in cor	nposition and labeling
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EPA Form 8570-1 (Rev. 3-94) Previous editions are obsolete.

6184% PYXIS REGULATORY CONSULTING, INC. 41'10 136<sup>th</sup> St. NW Phone: 253-853-7369 for "Tessenderlo Kerley, Inc. Gig Harbor, WA 98332 Fax: 253-853-5516 Email: www.PyxisRC.com

September 29, 2008

Tony Kish (PM 22) Document Processing Desk (NOTIF) Office of Pesticide Programs (7504P) U.S. Environmental Protection Agency Room S-4900, One Potomac Yard 2777 S. Crystal Drive Arlington, VA 22202-4501

RE: Tessenderlo Kerley Inc. – Autograph<sup>™</sup> (EPA Reg. No. 61842-10) Submission of Alternate Brand Name per PR Notice 98-10

Dear Mr. Kish,

On behalf of Tessenderlo Kerley Inc. please find the enclosed notification of the addition of an alternate brand name per PR Notice 98-10 for Autograph<sup>™</sup> (EPA Reg. No. 61842-10). The alternate brand name is "FlagStick<sup>®</sup>".

In support of this notification, please find the following:

- 1. Completed Application for Registration (EPA Form 8570-1)
- 2. One (1) copy of the FlagStick<sup>®</sup> labeling with changes tracked
- 3. One (1) copy of the FlagStick<sup>®</sup> labeling with changes incorporated
- 4. Letter of Authorization

Please feel free to call me if you have any questions or need any additional information.

Sincerely

Michael Kellogg

Enclosures

cc: Brian Thomassen; Tessenderlo Kerley Inc.

# **FlagStick**<sup>®</sup>

**GROUP 33 FUNGICIDE** 

ACTIVE INGREDIENT:	
Aluminum tris (O-ethyl phosphonate)70	).0%
OTHER INGREDIENTS:	).0%
TOTAL	

FlagStick<sup>®</sup> contains aluminum tris (O-ethyl phosphonate), the same active ingredient found in Chipco<sup>®</sup> Signature<sup>®</sup>.

NOTIFICATION

AUG - 9 2010

# KEEP OUT OF REACH OF CHILDREN CAUTION

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	FIRST AID
If swallowed:	<ul> <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>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> </ul>
	<ul> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
If in eyes:	<ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> </ul>
	Call a poison control center or doctor for treatment advice.
lf on skin or clothing:	<ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
If inhaled:	<ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
	HOT LINE NUMBER
	ct container or label with you when calling a poison control center or doctor, or going for may also contact 1-800-877-1737 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.

# EPA Reg. No. 61842-10

Manufactured for: Tessenderlo Kerley, Inc. 2255 North 44<sup>th</sup> Street, Suite 300 Phoenix, AZ 85008-3279 1-888-732-8246

Net Weight:







# 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 resistance gloves made of any waterproof material such as polyethylene or polyvinyl chloride, shoes plus socks, and protective eyewear. Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables, 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.

# 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 washwaters or rinsate.

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.

# **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 the agency responsible for pesticide regulation.

### Not for use on home or residential lawns.

# 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, waterproof gloves, shoes plus socks, and protective evewear.

# NON-AGRICULTURAL USE REQUIREMENTS

י ינו 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.

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# 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 place.

**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:** Completely empty bag into application equipment. Then 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.

# 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.

**SPRAY PREPARATION:** Remove scale, pesticide residues, and other foreign matter from the chemical tank and entire injector system. Flush with clean water.

**APPLICATION INSTRUCTIONS:** First prepare a suspension of FlagStick in a mix tank. Fill tank with 1/2 to 3/4 the desired amount of water. Start mechanical or hydraulic agitation. Add the required amount of FlagStick, and then the remaining volume of water. Then set sprinkler to deliver 0.1 to 0.3 inch of water per acre. Start sprinkler and uniformly inject the suspension of FlagStick into the irrigation water line so as to deliver the desired rate per acre. The suspension of FlagStick should be injected with a positive displacement pump into the main line ahead of a right angle turn to insure adequate mixing. 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:** When treatment with FlagStick has been completed, further field irrigation over the treated area should be avoided for 24 to 48 hours.

For Solid Set and Center Pivot Irrigation Systems: When treatment with FlagStick has been completed, further field irrigation over the treated area should be avoided until foliage is dry to prevent washing the chemical 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, when system connection or fittings leak, when not provide uniform distribution or when lines containing the product must be dismantled and drained.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop may result from nonuniform distribution of treated water. Allow sufficient time for pesticide to be flushed through all-lines and all hozzles before turning off irrigation water. 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.

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This product may cause staining. Avoid off-target sites such as side-walks, patios, driveways, pavers, or similar materials. Rinse spray equipment thoroughly with warm water and detergent.

# ORNAMENTALS AND BEDDING PLANTS

FlagStick may be applied to ornamentals and bedding plants grown in field nurseries, greenhouses, and landscaping and conifer nurseries to control of diseases caused by Pythium and Phytophthora. FlagStick may also be applied to ornamentals to control downy mildew and fire blight and for to suppress bacterial blight caused by certain pathovars of Xanthomonas campestris.

Applications should be made prior to disease development and in conjunction with good cultural management practices. Use the higher rates listed below when disease pressure is severe; however, do not exceed recommended rates or apply more frequently than at specified intervals or plant injury may occur.

# PLANT TOLERANCE

Plant tolerances to FlagStick have been found to be acceptable in the specific genera and species listed on this label. It is not possible to evaluate every species or variety of ornamental plant for its tolerance to FlagStick. The user should test for possible phytotoxic responses in other plants on a small areas basis using recommended rates prior to commercial use.

# **ORNAMENTAL AND BEDDING PLANT TANK MIXTURES**

Additional Disease Control: If ornamentals are threatened by additional diseases, FlagStick is compatible with most commonly used fungicides. For control of diseases such as Aerial Web Blight, Alternaria Leaf Blight, Botrytis Blight, Fusarium Leaf Spot, Helminthosporium Leaf Spot, and Ray Blight, FlagStick can be tank-mixed with Chipco<sup>®</sup> 26019 brand fungicide.

Consult the Chipco<sup>®</sup> 26019 label for a complete listing of diseases controlled and for application rates.

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. FlagStick is not compatible with the flowable formulation of Daconil<sup>®</sup> 2787. These products should not be combined for application.

# COMPATIBILITY

FlagStick may not be compatible with foliar fertilizers or with copper based fungicides. To avoid undesirable copper phytotoxicity, do not apply FlagStick and copper-based compounds at less than 14-day intervals. Also, if copper based products and FlagStick are included in the same foliar spray program, it is advised to avoid application with air blast equipment.

Do not mix FlagStick with any sticker, extender or wetting agent.

To determine the physical compatibility of FlagStick with any other product, use a small container to mix a small amount (e.g. 1 pint) of spray solution, containing all ingredients in the same order and ratio as the anticipated use. If any indication of physical incompatibility develops, do not use this mixture for spraying. Indication of incompatibility usually appears within 5-15 minutes after mixing. Read and follow all directions and precautions on this label and on the labels of any products for which a tank mixture is being considered.

FlagStick is not physically compatible with flowable formulations of Daconil® 2787 or Fore® fungicides as a tank mixture. These products should not be combined for application. .....

# ORNAMENTALS

FOLIAR APPLICATIONS to Aglaonema, Aphelandra, Azalea, Bougainvillea, Boxwood, Cattelya skinneri, Cissus, Dieffenbachia, Hibiscus, Juniper, Leather-leaf Fern, Pittosporum, Philodendron, Pothos, ر ، Rhododendron, Spathiphyllum and Taxus media. י י גר י גר גר גר . . . . . .

Use Precautions:

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

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Application Instructions: Mix 2.85 – 5.7 lbs. of FlagStick with 100 gallons of water and spray to wet. If applying less than 100 gallons of spray solution per acre, apply 2.85 – 5.7 lbs. of FlagStick per acre. Make repeat applications as necessary but do NOT make more than on application every 30 days.

<u>DRENCH</u> <u>APPLICATIONS</u> to Aphelandra, Azalea, Boxwood, Cissus, Dieffenbachia, Japanese Holly, Juniper, Monterey Pine, Philodendron, Pieris, Pittosporum, Rhododendron, Schefflera, Spathiphyllum, and Taxus media.

Use Precautions:

• Do NOT make more than one application every 30 days.

Application Instructions: Mix 0.46 – 0.91 lbs. (7.4 – 14.6 oz.) of FlagStick with 100 gallons of water and apply to 400 sq. ft. (2 pints of solution per sq. ft.). Repeat as necessary but do NOT make more than one application every 30 days.

<u>SOIL INCORPORATION</u> to Rhododendron, Azalea, or Pieris for control of Phytophthora species **only**.

Use Precautions:

• Make soil incorporation applications to well-rooted plants only.

Application Instructions: Immediately before potting, mix 0.57 - 0.91 lbs. (9.1 - 14.6 oz.) of FlagStick per cubic yard of soil mix. If conditions are favorable for disease development, follow-up applications as a foliar spray or drench may be made as needed being sure to follow the instructions for foliar or drench applications above.

# **BEDDING PLANTS**

FOLIAR APPLICATIONS to 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 1.4 – 4.6 lbs. of FlagStick with 100 gallons of water and spray to wet. Repeat as necessary but do NOT make more than one application 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: Immediately before transplanting, thoroughly wet plant and root mass by dipping transplants in 2.85 lbs. of FlagStick per 100 gallons of water.

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

Application Instructions: Mix 2.85 – 5.7 lbs. of FlagStick with 100 gallons of water and spray to wet. If applying less than 100 gallons of spray solution per acre, apply 2.85 - 5.7 lbs. of FlagStick per acre. Make repeat applications as necessary but do NOT make more than one application every thirty days.

# **DOWNY MILDEW CONTROL IN ROSES**

<u>FOLIAR APPLICATIONS</u> to field, container, landscape and mini varieties to control, downy mildew (*Peronospora sparsa*). NOTE: Applications should be made in conjunction with a disease sanitation program to reduce the spread of the disease to uninfected plants.

**Use Precautions:** 

• Do NOT apply more than 400 gallons of spray solution per acre.

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Application Instructions: Mix 2.85 lbs. of FlagStick with 100 gallons of water and spray to wet. If applying less than 100 gallons of spray solution per acre, then apply 2.85 - 5.7 lbs. of FlagStick per acre. Repeat as necessary but do NOT make more than one application every seven days.

# FIRE BLIGHT SUPPRESSION

<u>FOLIAR APPLICATIONS</u> to ornamental pear, pyracantha, and hawthorn. FlagStick works solely as a preventive treatment in this type of application. NOTE: Applications should be made in conjunction with a disease sanitation program to reduce the spread of the disease to uninfected plants.

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 2.85 lbs. of FlagStick in 100 gallons of water and spray to wet. If applying less than 100 gallons of spray solution per acre, then apply 2.85 – 5.7 lbs. of FlagStick per acre. Start spray treatments at the pre-bloom stage and reapply at 7-day intervals until the bloom period ends.

# BACTERIAL BLIGHT SUPPRESSION

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

<u>FOLIAR APPLICATIONS</u> to English ivy, schefflera, anthurium, dieffenbachia, spathaphyllum, syngonium, and ficus to suppress *Xanthomonas campestris* pathovars *hederae, dieffenbachiae, syngonii,* and *fici.* NOTE: Applications should be made in conjunction with a disease sanitation program to reduce the spread of the disease to uninfected plants.

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 2.3 - 4.6 lbs. of FlagStick with 100 gallons of water and spray to wet. If applying less than 100 gallons of spray solution per acre, then apply 2.85 - 5.7 lbs. of FlagStick per acre. Make repeat applications as necessary but do NOT make more than one application every 7 days.

If tank mixing FlagStick with coppers or other compounds, be sure to refer to compatibility statements at the beginning of this section.

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# TURF

# NOTE: DO NOT apply to home or residential lawns.

FlagStick is a systemic fungicide for use in a seasonal program for the control of Pythium diseases (such as blight and root rot, and yellow tuft) on turfgrass in golf courses, sod farms and other commercial turf areas. A maintenance program that includes FlagStick encourages the development of thick, vigorous turf that is better able to tolerate various stresses (heat, humidity, drying winds, traffic, etc) that can negatively impact turf health. A thick vigorous FlagStick treated turf is better able to resist disease development and suppress the development of other pests such as weeds and algae.

# **Use Precautions:**

- Do not graze animals on treated turf.
- Do not feed clippings from treated turf to livestock and poultry.
- Do not mow and/or water treated areas until foliage is completely dry.

**Application Instructions:** Start preventive applications when conditions first favor disease and repeat at the interval recommended in the table below. Apply as a foliar spray using a properly calibrated sprayer at the rate recommended below in 1 - 5 gallons of water per 1,000 sq. ft. Be sure to maintain agitation while mixing and spraying.

Application Interval	Application Rate (Oz. per 1,000 S q . F t . )
14 days	4.6
21 days	9.1

# COMPATIBILITY

NOTE: Do NOT mix FlagStick with any sticker, extender or wetting agent.

FlagStick may not be chemically compatible with foliar fertilizers or copper based fungicides. Mixing with these products may result in phytotoxicity. FlagStick is NOT physically compatible with flowable formulations of Daconil 2787<sup>®</sup> or Fore<sup>®</sup> fungicides, Bayleton<sup>®</sup> 50W, Rubigan<sup>™</sup> A.S. and Spectro<sup>™</sup> 90 WDG and these products should NOT be used in tank mixes with FlagStick.

To determine the physical compatibility of FlagStick with another product, use a small container to mix a small amount (for example, 1 pint) of spray solution, containing all of the desired ingredients in the same order and ratios as the anticipated use. If any indication of physical incompatibility develops within 5 to 15 minutes of mixing (such as separation, clumping, etc.), do not use this mixture for spraying. Be sure to read and follow all directions and precautions on this label and on the labels of any tank mix partner products.

# TANK MIXTURES FOR TURF DISEASES

**Summer Stress Complex / Summer Decline: FlagStick** may be tank mixed with products labeled to control Summer Stress Complex / Summer Decline caused by a complex of *Pythium* and *Rhizoctonia* diseases on common turfgrass on golf courses, sod farms, industrial or municipal turf areas. Do NOT mix **FlagStick** with any product containing a label prohibition against such mixing.

Anthracnose: FlagStick may be tank mixed with products listed for use on common turfgrass on golf courses, sod farms, and industrial or municipal turf areas for improved control of anthracnose. A preventative, multi-application (repeat every 14 days) program is suggested prior to the appearance of the disease and the conditions favorable to anthracnose development. Be sure to follow the most restrictive of label limitations and precautions and do not exceed label dosage rates.

**Bentgrass Deadspot:** FlagStick may be tank mixed with products used to control bentgrass deads ot in common turfgrass on golf courses, sod farms, and industrial or municipal turf areas. A preventative, multi-application (repeat every 14 days) program may be started prior to the appearance of the disease and the conditions favorable to bentgrass deadspot development. Be sure to follow the most restrictive of label limitations and precautions and do not exceed label dosage rates.

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# TANK MIXTURES FOR TURF DISEASES

**Summer Stress Complex / Summer Decline:** Tank mix FlagStick with the products listed below to control Summer Stress Complex / Summer Decline caused by a complex of *Pythium* and *Rhizoctonia* diseases on common turfgrass on golf courses, sod farms, industrial or municipal turf areas. Do NOT mix FlagStick with any product containing a label prohibition against such mixing.

**Anthracnose:** Tank-mix FlagStick with the products listed for use on common turfgrass on golf courses, sod farms, and industrial or municipal turf areas for improved control of anthracnose. A preventative, multi-application (repeat every 14 days) program must be started prior to the appearance of the disease and the conditions favorable to anthracnose development. Be sure to follow the most restrictive of label limitations and precautions and do not exceed label dosage rates.

**Bentgrass Deadspot:** Tank-mix FlagStick with either Fore<sup>®</sup> Rainshield<sup>™</sup> or Daconil Ultrex<sup>®</sup> to control bentgrass deadspot in common turfgrass on golf courses, sod farms, and industrial or municipal turf areas. A preventative, multi-application (repeat every 14 days) program must be started prior to the appearance of the disease and the conditions favorable to bentgrass deadspot development. Be sure to follow the most restrictive of label limitations and precautions and do not exceed label dosage rates.

Disease Treated	Tank Mix Partner	Application Rate (Oz. / 1,000 FT <sup>2</sup> )	Application Interval
	FlagStick	4.6 - 9.1	
	+	+	
	26GT™	3.0 - 4.0	
	or	or	
	Daconil Ultrex <sup>®</sup>	3.3	
	or	or	
Summer Stress Complex <sup>‡</sup>	Manicure™ DG	3.3	
(Pythium, Anthracnose,	or	or	
and Rhizoctonia spp.)	Dithane <sup>®</sup> T/O	8.0	
	or	or	
and/or	Protect T/O	8.0	
	or	or	
Anthracnose	Mancozeb DG	8.0	14 days
(Colletotrichum	lo	or	
graminicola)	Fore <sup>®</sup> WP	4.0 - 8.0	
	or	or	
	Heritage <sup>®</sup>	0.2 - 0.4	
1	or But B	or	
	Banner <sup>®</sup> Maxx <sup>®</sup>	1.0 - 2.0	
	or B	or	
	ProStar <sup>®</sup> 70 WP	1.5 - 3.0	4
	FlagStick	4.6	
Bentgrass Deadspot		+	
(Ophiosphaerella agrostis)	Fore <sup>®</sup> Rainshield™	8.0	
	or ®	or	
	Daconil Ultrex <sup>®</sup>	3.2	

<sup>‡</sup> The following fungicides are physically compatible with FlagStick and may be substituted for the partner products listed above for use with FlagStick in a Summer Stress Complex control program: Bayleton<sup>®</sup> 50<sup>†</sup>, Gayalier<sup>™</sup> 50 WSB, Cavalier<sup>™</sup> Flowable, Chlorostar, Cleary's 3336<sup>™</sup> WP<sup>†</sup>, Cleary's 3336<sup>™</sup> F<sup>†</sup>, Compass<sup>™</sup>, Concorde<sup>™</sup>, SST, Concorde<sup>™</sup> DF, Consyst, Curalan<sup>®</sup> EG, Daconil<sup>®</sup> Weather Stik<sup>®†</sup>, Daconil ZN<sup>®</sup>, Rainshield NT<sup>™</sup>, Eagle, Echo<sup>®</sup> 90' DF, Echo<sup>®</sup> Flowable, Endorse<sup>™</sup>, Fluid Fungicide, Fungo<sup>®</sup> Flo, Fungo<sup>®</sup> 50 WSB, MANhandle<sup>™</sup>, Manicure<sup>™</sup> 6 Flowable, Manicure<sup>™</sup> T/O Flowable, Manicure<sup>™</sup> Ultrex<sup>®</sup>, Medallion<sup>®</sup>, Pentathlon<sup>®</sup> DF, Revere<sup>™</sup> 4000, SysStar<sup>®</sup>, SysTec<sup>®</sup> 1998 WDG, Systhane<sup>®</sup> WSP, Terrachlor<sup>®</sup> 75 WP and 400<sup>†</sup>, Terraguard<sup>®</sup> 50W, Terrazolo<sup>©</sup> 35% WP, Touche EG, Turfcide<sup>®</sup> 400, TwoSome<sup>™</sup> Flowable Fungicide.

<sup>†</sup> These products must be added to the tank first and allowed to disperse prior to the addition of FlagStick.

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# **Tank-Mix Mixing Instructions**

Because the order in which tank-mix products are added to the tank can affect this product's ability to go into the solution, it is generally best to add FlagStick to the tank prior to its tank-mix partner unless otherwise indicated in this label.

If tank-mixing with other fundicides, follow the label directions for the use of the tank-mix partner product and apply at the recommended rate for control of the target disease organism. Be sure to maintain agitation while mixing and spraying.

# 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 consistent with 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 consistent with 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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Cavalier™, Manicure™, MANhandle™, Revere™, TwoSome™ and Lesco™`are trademarks of Lesco, Inc. Curalan<sup>®</sup> is a registered trademark of BASF Corporation.

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Concorde<sup>™</sup> is a trademark and Pentathlon<sup>®</sup> is a registered trademark of Griffin L.L. C. . . . . **ג** יגנו ر ر ر ر ر ر FlagStick is a registered trademark of Tessenderlo Kerley, Inc.

FlagStick is not manufactured or distributed by Bayer Crop Science LP, seller of Chipco<sup>®</sup> Signature<sup>®</sup>.

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