

352-835

05/29/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

Lesley Palmer Czochor, Ph. D.  
Senior Product Registration Manager  
DuPont Crop Protection  
Stine-Haskell Research Center  
P.O. Box 30  
Newark, DE 19714-0030

MAY 29 2013

Subject: Product Name: DuPont Velista Fungicide  
EPA Reg. No. 352-835  
Submission date: 4/30/2013  
Notification of Primary Brand Name change per PRN 98-10: Velista  
OPP Decision Number: 478459

Dear Dr. Czochor:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The Agency accepts changing the primary brand name from DuPont Velista Fungicide to "Velista". The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions concerning this letter, please contact Kaitlin Keller at 703-308-8172 or [keller.kaitlin@epa.gov](mailto:keller.kaitlin@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Tony Kish".

Tony Kish  
Product Manager 22  
Fungicides Branch  
Registration Division (7504P)

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 05-31-98



United States  
Environmental Protection Agency  
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 352-835	2. EPA Product Manager Tony Kish	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) DuPont™ Velista™ fungicide	PM# 22	
5. Name and Address of Applicant (Include ZIP Code) DuPont Crop Protection Stine Haskell Research Center Attn: Lesley P. Czochoz (S300/414) P.O. Box 30 Newark, DE 19714 Lesley.P.Czochoz@usa.dupont.com <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)  
Notification of Change to Primary Brand Name per PR Notice 98-10

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Metal Plastic Glass Paper Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label: <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Lesley Palmer Czochoz	Title Senior Product Registration Manager	Telephone No. (Include Area Code) (302) 366-5268
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received  (Stamped)
2. Signature <i>Lesley Palmer Czochoz</i>	3. Title Senior Product Registration Manager	
4. Typed Name Lesley Palmer Czochoz	5. Date April 30, 2013	

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DuPont Crop Protection  
Stine-Haskell Research Center  
P.O. Box 30  
Newark, DE 19714-0030

**ACTION: Notification of Change to Primary Brand Name for DuPont™ Velista™ fungicide  
(EPA Reg. No. 352-835)**

**FEE CATEGORY: Not Applicable**

**REGISTRATION FEE: Not Applicable**

By Courier

April 30, 2013

Mr. Tony Kish, PM-22, Fungicide Branch  
Registration Division  
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

**Subject: DuPont™ Velista™ fungicide (EPA Reg. No. 352-835)  
Notification of Change to Primary Brand Name per PR Notice 98-10**

Dear Mr. Kish:

Please accept this Notification of a change to the primary brand name for DuPont™ Velista™ fungicide product (EPA Reg. No. 352-835) per PR Notice 98-10, section II.A. The new primary brand name will be Velista™.

Enclosed please find one (1) completed EPA Form 8570-1.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling *or the confidential statement of formula\** of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

*\*Please note that an updated Confidential Statement of Formula form will be submitted as a separate registration action to reflect the new brand name of the product.*

If you have any questions or need additional information, please contact me by phone at (302) 366-5268 or by email at [Lesley.P.Czochor@DuPont.com](mailto:Lesley.P.Czochor@DuPont.com).

Sincerely,

*Lesley Palmer Czochor*

Lesley Palmer Czochor, Ph. D.  
Senior Product Registration Manager

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Professional Products

GROUP 7 FUNGICIDE

NOTIFICATION

MAY 29 2013

INTENDED FOR USE BY COMMERCIAL APPLICATORS ONLY

A water dispersible granular fungicide for turf disease control on golf courses, residential, institutional, commercial and municipal lawns, park and recreation areas, and sod farms and for disease control on landscape flowering plants and trees.

<i>Active Ingredient</i>	<i>By Weight</i>
Penthiopyrad	50%
<i>Inert Ingredients</i>	50%
TOTAL	100%

EPA Reg. No. 352-835 EPA Est. No. \_\_\_\_\_

[Refillable]

or

[Nonrefillable]

Net Contents: \_\_\_\_\_

E. I. du Pont de Nemours and Company  
1007 Market Street  
Wilmington, Delaware 19898

FIRST AID

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

IF 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 a doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-441-3637 for emergency medical treatment information.

For information on the use of this product call DuPont Professional Products at 1-888-6-DUPONT (1-888-638-7668).

PERSONAL PROTECTIVE EQUIPMENT

Mixers/loaders/applicators and other handlers must wear:

- Long-sleeved shirt
- Long pants
- Shoes plus socks

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

ENGINEERING CONTROL STATEMENTS

When handlers use closed systems or enclosed cabs 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.

KEEP OUT OF REACH OF CHILDREN  
CAUTION

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

Refer to back/side panels for additional precautionary statements and First Aid.

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC  
ANIMALS  
CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. May be harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

### USER SAFETY RECOMMENDATIONS

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

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. For terrestrial uses: Do not apply directly to water, or 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 washwater or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for reaching surface water via runoff several weeks after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of this chemical from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

### 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.

VELISTA™ (i.e., VELISTA™), must be used only in accordance with specifications on this label. DuPont will not be responsible for losses or damages resulting from the use of this product in any manner not specifically recommended by DuPont. User assumes all risks associated with such non-specified use.

Do not formulate this product into other end-use products without written permission of DuPont Professional Products.

**RESTRICTIONS:** [optional restrictions based on use sites included]

- Do not apply this product in commercial nurseries and greenhouses.
- [Not for use on ornamental plants being grown for sale or other commercial use, or for commercial seed production.]
- [Do not use this product on any bearing fruit and nut trees.]
- Do not apply this product through any type of irrigation system.
- Do not apply more than 2.2 oz of VELISTA™ per 1,000 sq ft per year or 6 lbs. of VELISTA™ (equivalent to 3 lbs. of active ingredient) per acre per year.
- Keep people and pets away from areas treated with VELISTA™ until treated area has dried.
- Do not apply this product using aerial application.

### 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 (WPS) for agricultural pesticides, 40 CFR Part 170. The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries and greenhouses.

Professional applications to golf courses, residential, industrial, institutional and commercial lawns/landscape areas and sports fields are not within the scope of the Worker Protection Standard.

For applications to turfgrass, do not enter or allow others to enter the treated area until treatments have dried.

### 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 (sod farms included), 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 the label about personal protective equipment (PPE), and restricted-entry interval, and notification to workers (as applicable). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. PPE 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
- Shoes and socks
- Chemical resistant gloves (made of any waterproof material)

### PRODUCT INFORMATION

VELISTA™ is a water dispersible granule applied as a foliar or broadcast treatment to control listed diseases on the landscape flowering plants, turf/turf use sites, and non-bearing fruit/nut trees which are specified on this label.

VELISTA™ may be used on landscape flowering plants and trees or turfgrasses that are being grown for aesthetic or recreational purposes or climatic modification in or around home lawns, residential dwellings, business and office complexes, shopping complexes, multi-family residential complexes, institutional buildings, airports, cemeteries, interior plantscapes, ornamental gardens, parks, playgrounds, schools, day care centers, golf courses (tee box areas, roughs, fairways, greens, collars), athletic fields and commercial sod farms.

The active ingredient in VELISTA™ is penthiopyrad and it is a carboxamide fungicide. Penthiopyrad inhibits fungal respiration by binding to mitochondrial respiratory complex II. Penthiopyrad is not cross-resistant with other classes of fungicide chemistry, like triazoles and other ergosterol

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biosynthesis inhibitors, strobilurins and other complex III (QoI) inhibitors, anilino-pyrimidines, dicarboximides, benzimidazoles and N-phenylcarbamates.

VELISTA™ is in GROUP 7 of the EPA's Fungicide groups based on Target Site of Action and may be used in rotational and mixture resistance management programs. VELISTA™ must be diluted with water before application according to the following use directions.

Not all turf and landscape flowering plant and tree varieties, cultivars, or hybrids, have been individually tested for plant safety. It is not possible to evaluate for plant safety all applications of VELISTA™ on all turf and landscape flowering plants and trees, or their varieties, cultivars, or hybrids, or under all environmental conditions and growing circumstances. To test for turf and plant safety, apply the product in accordance with the label instructions to a small area of the target turf or landscape flowering plant or tree to ensure that a phytotoxic response will not occur, especially where the application is a new use of the product by the applicator.

#### **APPLICATION TIMING**

VELISTA™ is a broad spectrum fungicide recommended for the control of many important listed diseases. Apply VELISTA™ preventatively. Begin applications when conditions favor disease development. Apply curatively according to the instructions in Table 2.

#### **MIXING DIRECTIONS**

Apply VELISTA™ alone or in tank mixes with other registered fungicides. Do not exceed the recommended application rates for VELISTA™ and/or the tank mix partners given in the label(s). Follow the use directions provided in the Resistance Management section of this label. Follow all use directions given in this label. Failure to follow the use directions can result in injury to the plant and/or inadequate disease control.

#### **Basic Mixing Instructions:**

Important: Application equipment must be clean and free of previous pesticide deposits before mixing VELISTA™.

1. Use clean, well maintained application equipment.
2. Fill sprayer tank 1/4 to 1/2 full of water.
3. Start agitation, then add VELISTA™ directly to the mixing or sprayer tank. Use mechanical or hydraulic agitation.
4. Mix thoroughly to fully disperse the VELISTA™ and continue filling the tank with water while agitating to keep the product in suspension.
5. It is recommended that the treatment mixture not be stored in the mixing or spray tank overnight. If treatment mixture sits in the tank for extended periods, reagitrate prior to application.

#### **Tank-mixtures:**

VELISTA™ may be tank-mixed with other pesticides and/or spray additives. When tank-mixing VELISTA™ with other pesticides, observe all precautions and limitations on each separate product label. No label application rates may be exceeded. VELISTA™ cannot be mixed with any product containing a label prohibition against such mixing. The physical compatibility of VELISTA™ may vary with

different sources of pesticide products and local cultural practices. Any tank-mixture that has not been previously tested should be prepared on a small scale (pint or quart jar) using the proper proportions of pesticides and water to ensure the physical compatibility of the mixture and for potential phytotoxicity on turf and landscape ornamentals.

#### **Tank-mixing Sequence:**

Add different formulation types in the sequence indicated below. Allow time for complete mixing and dispersion after the addition of each product.

1. Water soluble bags
2. VELISTA™ and other water dispersible granules
3. Wettable powders
4. Water-based suspension concentrates
5. Water soluble concentrates
6. Oil-based suspension concentrates
7. Emulsifiable concentrates
8. Adjuvants, surfactants, oils
9. Soluble fertilizers
10. Drift retardants

#### **APPLICATION EQUIPMENT CLEANING**

Prior to application, start with clean, well maintained application equipment. Immediately following application, thoroughly clean all application equipment to reduce the risk of forming hardened deposits that might become difficult to remove. Drain application equipment. Thoroughly rinse application equipment and flush hoses, boom and nozzles with clean water. Clean all other associated application equipment. Take all necessary safety precautions when cleaning equipment. Do not clean equipment near wells, water sources or desirable vegetation. Dispose of waste rinse water in accordance with local regulations.

#### **INTEGRATED PEST MANAGEMENT**

DuPont recommends the use of Integrated Pest Management (IPM) programs to control diseases. VELISTA™ may be used as part of an Integrated Disease and Pest Management (IPM) program which can include biological, cultural, and genetic practices aimed at reducing potential disease incidence. Follow cultural practices known to reduce disease development. Application of this product should be based on IPM principles and practices including but not limited to field scouting or other detection methods, correct target disease identification, population monitoring, advisory (disease forecasting) programs that recommend treatment timing based on environmental factors favorable for disease development, and treating when disease pressure reaches locally determined action levels. Consult your state cooperative extension service, professional consultants, or other qualified authorities to determine the appropriate management, cultural practice and treatment threshold levels for the specific crop, geography and diseases.

**RESISTANCE MANAGEMENT**

Repeated use of fungicides with the same mode of action for control of specific plant pathogens may lead to selection of resistant strains of fungi and result in a reduction of disease control. Penthiopyrad, the active ingredient in VELISTA™, is one of EPA's Target Site of Action Group 7 fungicides (carboxamides). A disease management program that includes rotation and/or tank mixing with non-Group 7 fungicides is essential to reduce the risk of fungicide resistance development. Do not make more than two successive applications of VELISTA™; these two applications should be followed by applications of fungicides from a different FRAC mode of action group. For mixture applications use the recommended rate of VELISTA™ mixed with a labeled rate of a fungicide from a different FRAC mode of action group. For guidance on a particular disease control situation, consult your Cooperative Extension specialist for the latest information on resistance management in your area.

**DIRECTIONS FOR TURFGRASS**

- Apply in sufficient water to ensure thorough coverage. Apply the recommended rates as indicated in Table 1 in up to 10 gallons of water per 1,000 sq. ft. Apply with a properly calibrated sprayer.
- Apply after mowing OR allow treated area to dry before mowing.
- Allow treated area to dry before irrigation.
- Evaluate spray additives prior to use for phytotoxicity or antagonism. Label directions are based on data obtained with no additives.
- Before use of any fungicide, proper diagnosis of the organism causing the disease is important. Use of diagnostic kits or other means of identification of the disease organism is essential to determine the best control measures.

**SPECIFIC USE RATES FOR TURFGRASS DISEASES**

- Use the low rate of 0.3 oz/1,000 sq. ft. for preventative and for light to moderate disease situations and for use in tank mixtures.
- Use the high rate of 0.5 oz/1,000 sq. ft. for high disease pressure situations and for use in curative situations and for use in tank mixtures.
- Do not apply more than 0.7 oz of VELISTA™ per 1,000 sq ft per application (equivalent to 0.95 lbs of active ingredient per acre per single application) to turf grass.
- Follow recommendations in the resistance management section above for instructions on how to use with successive applications ( e.g., no more than 2 applications followed by a different mode of action fungicide) or for use in mixtures (e.g., 0.3 oz/1,000 sq ft of VELISTA™ and the recommended label rate of the mixture partner).
- For broader spectrum control, VELISTA™ can be tank mixed with other fungicides. Check compatibility before tank mixing. Observe all directions, precautions, and limitations on labeling of all products used in tank mixes. Tank mixtures or other applications of products referenced on this label are permitted only in those states in which the referenced products are registered. Do not combine VELISTA™ in the spray tank with pesticides, surfactants, or fertilizers, unless your prior use has shown the combination is physically compatible.

**Table 1:  
APPLICATION DILUTION CHART FOR USE OF VELISTA™ IN TURFGRASS AREAS**

Application Volume (Gallons Water per 1,000 Square Feet)	Application Rate (Ounces of Product per Acre)	Application Rate (Ounces of Product per 1,000 Square Feet)	Application Rate (Lb of A.I. per Acre)	Ounces of VELISTA™ diluted to these volumes of finished spray			
				1 gallon	5 gallons	10 gallons	100 gallons
1	13.1	0.3	0.41	0.3	1.5	3.0	30.0
	21.8	0.5	0.68	0.5	2.5	5.0	50.0
	30.5	0.7	0.95	0.7	3.5	7.0	70.0
2	13.1	0.3	0.41	0.15	0.75	1.5	15.0
	21.8	0.5	0.68	0.25	1.25	2.5	25.0
	30.5	0.7	0.95	0.35	1.75	3.5	35.0
3	13.1	0.3	0.41	0.1	0.5	1.0	10.0
	21.8	0.5	0.68	0.17	0.85	1.7	17.0
	30.5	0.7	0.95	0.23	1.15	2.3	23.0
4	13.1	0.3	0.41	0.075	0.375	0.75	7.5
	21.8	0.5	0.68	0.125	0.625	1.25	12.5
	30.5	0.7	0.95	0.175	0.875	1.75	17.5

- To convert from ounces to grams, multiply by 28.35.
- 1 ounce = 28.35 grams.
- Do not use household utensils to measure VELISTA™.

**Table 2:**  
**SPECIFIC USE RATES FOR VELISTA™ TO CONTROL DISEASES OF TURFGRASS**

Disease	Applications Sites	Ounces of VELISTA™/1,000 sq ft	Application Interval (days)	Comments
Dollar Spot ( <i>Sclerotinia homeocarpa</i> )	Golf course tees and greens	0.3 - 0.5	14	Begin application prior to or at the early stages of disease development. Use the high rate for high disease pressure and/or for curative situations. When using 0.3 oz./1,000 sq. ft. rate, apply as a tank mix using a different FRAC group fungicide approved for this use site and disease.
	Golf course fairways, All other turfgrass	0.3 - 0.5	14-21	
Brown Patch ( <i>Rhizoctonia solani</i> )	Golf course tees and greens	0.3 - 0.5	14	Begin application at the early stages of disease development. Use high rate for high disease pressure or for curative situations.
	Golf course fairways, All other turfgrass	0.3 - 0.5	14-21	
Anthracnose ( <i>Colletotrichum cereale</i> , <i>Colletotrichum graminicola</i> )	All turfgrass	0.3 - 0.5	14	Begin application at the early stages of disease development- consider using tank mixtures with clorothalonil or strobilurin fungicides at label rates under heavy disease situations. Use high rate for high disease pressure or for curative situations.
Large Patch ( <i>Rhizoctonia solani</i> )	All turfgrass	0.7	14-28	Make 1-2 applications in the fall as a preventative. Apply an early spring application if disease pressure is high.
Leaf spots (such as <i>Bipolaris spp.</i> )	All turfgrass	0.3 - 0.5	14	Begin application at the early stages of disease development. Use high rate for high disease pressure or for curative situations.
Red Thread ( <i>Laetisaria fuciformis</i> ) Pink Patch ( <i>Limonomyces roseipellis</i> )	All turfgrass	0.3 - 0.5	14	Apply when conditions are favorable for disease development.
Powdery Mildew ( <i>Erysiphe graminis</i> ) Rust ( <i>Puccinia graminis</i> )	All turfgrass	0.3 - 0.5	14	Apply when conditions are favorable for disease development.
Gray Snow Mold ( <i>Typhula spp.</i> ) Pink Snow Mold ( <i>Microdochium nivale</i> )	All turfgrass	0.7	NA (only 1 application)	When using 0.7 oz./1,000 sq. ft. rate, apply as a tank mix using a different FRAC group fungicide approved for this use site and disease.



**DIRECTIONS FOR LANDSCAPE FLOWERING PLANTS AND TREES**

- VELISTA™ controls key diseases on landscape ornamental plants and other landscape plantings.
- Applications of VELISTA™ will control powdery mildews, rusts, leafspots, scabs, and other listed diseases of landscape ornamental plants and trees.

**Guidance on How to Use Tables 3a and 3b for Developing Disease Control Programs In Landscape Plantings**

1. Use VELISTA™ in a preventative disease control program.
2. To determine the use directions for controlling a disease on a landscape plant species, select the plant species and target disease in Table 3a (Landscape Trees and Non Bearing Fruit/Nut Tree Diseases) or Table 3b (Landscape Herbaceous Plants).
3. The treatment use directions for each table are given at the bottom of each table
4. Allow treated areas to dry before watering any ornamental plants growing in landscaped areas.
5. Optimum benefit of VELISTA™ is obtained when used in conjunction with sound disease management practices.

**Specific Treatment Rate Recommendations for Landscape Flowering Plants and Trees**

VELISTA™ may be used at rates of 6 - 8 oz. of VELISTA™/100 gallons of water every 7-14 days. For most effective control, begin applications with VELISTA™ before disease development.

- Do not apply more than 8 oz of VELISTA™ per single application in 100 gallons of water per acre.
- Do not apply more than 6 lbs. of VELISTA™ product (equivalent to 3 lb of active ingredient) per acre per year.
- Plant tolerances to VELISTA™ have been found acceptable for the specific genera and species of plants listed under the Directions for Use.
- Other plant species may be sensitive to VELISTA™, and diseases other than those listed may not be controlled. Before using VELISTA™ on plants or for diseases that are not listed in the Directions for Use, test VELISTA™ on a small scale basis first. Apply the recommended rates for a particular type of disease, i.e., rust, powdery mildew, etc., and evaluate for phytotoxicity and disease control prior to widespread use.

**Table 3a:  
Landscape Trees and Non Bearing Fruit/Nut Tree Diseases**

Landscape Trees and Non-Bearing Fruit/Nut Trees	Target Diseases
Landscape Trees	Refer to diseases below:
<b>Non-bearing Pome fruits</b> Apple; crabapple; loquat; mayhaw; pear; pear, oriental; quince	Alternaria leafspots <i>Alternaria spp</i> Scab, apple or pear <i>Venturia inaequalis</i> , <i>Venturia pirina</i> Powdery mildew <i>Podosphaera leucotricha</i> Rusts <i>Gymnosporangium spp</i>
<b>Non-bearing Stone fruits</b> Apricot; cherry, sweet; cherry, tart; nectarine; peach; plum; plum, Chickasaw; plum, Damson; plum, Japanese; plumcot	Brown rot blossom blight <i>Monilinia spp</i> Cherry leafspot <i>Blumeriella jaapii</i> Powdery mildew, rusty spot on peaches <i>Podosphaera clandestina</i> , <i>Sphaerotheca pannosa</i> Rust <i>Tranzschelia discolor</i> Shot hole <i>Wilsonomyces carpophilus</i>
<b>Non-bearing Tree nuts</b> Almond; beech nut; Brazil nut; butternut; cashew; chestnut; chinquapin; filbert (hazelnut); hickory nut; macadamia nut; walnut, black and English; pistachio	Alternaria leafspot, blight <i>Alternaria spp</i> Anthracnose <i>Colletotrichum spp</i> Brown rot blossom blight <i>Monilinia spp</i> Botrytis blights <i>Botrytis cinerea</i> Panicle and shoot blight <i>Botryosphaeria dothidea</i> Powdery mildew <i>Podosphaera tridactyla</i> var. <i>tridactyla</i> , <i>Sphaerotheca pannosa</i> , <i>Phyllactinia angulata</i> , <i>Phyllactinia guttata</i> f. sp. <i>coryli</i> , <i>Microsphaera spp.</i> , <i>Oidium spp</i> Rust <i>Tranzschelia discolor</i> , <i>Uromyces spp.</i> , <i>Pucciniastrum coryli</i> Scab <i>Cladosporium carpophila</i> Sclerotinia shoot blight <i>Sclerotinia sclerotiorum</i> Seedling blight <i>Rhizoctonia solani</i> Septoria leafspot <i>Septoria spp</i> Shot-hole <i>Wilsonomyces carpophilu</i>

**Specific Treatment Rates and Application Information for Control of Diseases of Landscape Trees (including Non-Bearing Fruit/Nut Trees)**

- Mix 8 oz. of VELISTA™ in 100 gals. of water and apply 100 gallons per acre as a full coverage spray to the point of drip.
- Apply every 7-14 days during the period of primary infection or when conditions are favorable for disease development.
- Do not apply more than 8 oz of VELISTA™ per single application in 100 gallons of water per acre.

- DO NOT apply more than 6 lbs. of VELISTA™ (equivalent to 3 lbs. of active ingredient) per acre per year.
- DO NOT apply to any fruit and nut trees that will bear harvestable fruit within 12 months.

**Table 3b:  
Landscape Flowering Plants**

Landscape Flowering Plants	Target Diseases
Geranium	<i>Botrytis cinera</i>
Daylily	<i>Puccinia hemerocallidis</i>
Gerber Daisy	<i>Erysiphe cichorearum</i>

**Specific Application Rates for Landscape Flowering Plants**

- Mix 6-8 oz. of VELISTA™ in 100 gals. of water and apply as a full coverage spray to the point of drip.
- Apply every 7-14 days during the period of primary infection or when conditions are favorable for disease development.
- Do not apply more than 8 oz of VELISTA™ per single application in 100 gallons of water per acre.
- DO NOT apply more than 6 lbs. of VELISTA™ (equivalent to 3 lbs. of active ingredient) per acre per year.
- Follow recommendations in the resistance management section for how to use with successive applications (no more than 2 successive applications followed by a different mode of action fungicide).

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store product in original container only in a location inaccessible to children and pets. Do not contaminate water, other pesticides, fertilizer, food or feed in storage.

**PESTICIDE DISPOSAL:** Do not contaminate water, food or feed by storage or 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 HANDLING: Refer to the Net Contents section of this product's labeling for the applicable "Nonrefillable Container" or "Refillable Container" designation.**

**Nonrefillable Plastic and Metal Containers (Capacity Equal to or Less Than 50 Pounds):** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities

**Nonrefillable Plastic and Metal Containers (Capacity Greater Than 50 Pounds):** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities

**Nonrefillable Plastic and Metal Containers, e.g., Intermediate Bulk Containers [IBC] (Size or Shape Too Large to be Tipped, Rolled or Turned Upside Down):** Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying the contents from this container into application equipment or mix tank and before final disposal using the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**Nonrefillable Paper or Plastic Bags, Fiber Sacks including Flexible Intermediate Bulk Containers (FIBC) or Fiber Drums With Liners:** Nonrefillable container. Do not reuse or refill this container. Completely empty paper or plastic bag, fiber sack or drum liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Then offer for recycling if available or dispose of empty paper or plastic bag, fiber sack or fiber drum and liner in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

**Refillable Fiber Drums With Liners:** Refillable container (fiber drum only). Refilling Fiber Drum: Refill this fiber drum with VELISTA™ containing penthiopyrad only. Do not reuse this fiber drum for any other purpose. Cleaning before refilling is the responsibility of the refiller. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Disposing of Fiber Drum and/or Liner: Do not reuse this fiber drum for any other purpose other than refilling (see preceding). Cleaning the container (liner and/or fiber drum) before final disposal is the responsibility of the person disposing of the container. Offer the liner for recycling if available or dispose of liner in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner. To clean the fiber drum before final disposal, completely empty the fiber drum by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Then offer the fiber drum for recycling if available or dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

**All Other Refillable Containers:** Refillable container. Refilling Container: Refill this container with VELISTA™ containing penthiopyrad only. Do not reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn out threads and closure devices. If damage is found, do not use the container, contact DuPont at the number below for instructions. Check for leaks after refilling and before transporting. If leaks are found, do not reuse or transport container, contact DuPont at the number below for instructions. Disposing of Container: Do not reuse this container for any other purpose other than refilling (see preceding). Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, use the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Do not transport if this container is damaged or leaking. If the container is damaged, leaking or obsolete, or in the event of a major spill, fire or other emergency, contact DuPont at 1-800-441-3637, day or night.

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