

GROUP 7 FUNGICIDE



Fungicide

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.

<i>Active Ingredient:</i>	
Penthiopyrad	50.0%
<i>Other Ingredients:</i>	
	50.0%
<i>Total:</i>	100.0%

Contains 0.5 pound Penthiopyrad per pound of product.

Velista™ is a water-dispersible granule.

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.)

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-1534

EPA Est. 67545-AZ-1

Product of Japan

Formulated in USA

SCP 1534A-L1A 1114

22 ounces

Net Weight

syngenta®

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.

HOT LINE NUMBER

For 24-Hour Medical Emergency Assistance
(Human or Animal) or Chemical Emergency Assistance
(Spill, Leak, Fire, or Accident),
Call
1-800-888-8372

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.

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.

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.

PRECAUTIONARY STATEMENTS (*continued*)

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

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

RESTRICTIONS

- Do not apply this product in commercial nurseries and greenhouses.
- 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 lb of Velista (equivalent to 3 lb 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.

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 turf use sites specified on this label.

Velista may be used on turfgrasses of home lawns, residential dwellings, business and office complexes, shopping complexes, multi-family residential complexes, institutional buildings, airports, cemeteries, 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 carbamate 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 biosynthesis inhibitors, strobilurins and other complex III (QoI) inhibitors, anilinopyrimidines, 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 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 varieties, cultivars, or under all environmental conditions and growing circumstances. To test for turf safety, apply the product in accordance with the label instructions to a small area of the target turf 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, re-agitate 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.

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

Syngenta 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.

GROUP 7 FUNGICIDE

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 USE - 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 lb 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 (Sclerotinia homeocarpa)	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	

continued...

Table 2: SPECIFIC USE RATES FOR VELISTA TO CONTROL DISEASES OF TURFGRASS (continued)

Disease	Applications Sites	Ounces of Velista /1,000 sq ft	Application Interval (days)	Comments
Brown Patch (Rhizoctonia solani)	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	
Anthrachnose (Colletotrichum cereale, Colletotrichum graminicola)	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.
Large Patch (Rhizoctonia solani)	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 Bipolaris spp.)	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 (Laetisaria fuciformis) Pink Patch (Limonomyces roseipellis)	All turfgrass	0.3 – 0.5	14	Apply when conditions are favorable for disease development.
Powdery Mildew (Erysiphe graminis) Rust (Puccinia graminis)	All turfgrass	0.3 – 0.5	14	Apply when conditions are favorable for disease development.
Gray Snow Mold (Typhula spp.)	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.

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

[Plastic; less than or equal to 50 pounds]

Non-refillable 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 offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Syngenta Crop Protection, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold Syngenta and Seller harmless for any claims relating to such factors.

Syngenta warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or Syngenta, and, (2) Buyer and User assume the risk of any such use. To the extent permitted by applicable law, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

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SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

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For non-emergency (e.g., current product information), call Syngenta Crop Protection at 1-800-334-9481

Manufactured for:
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, North Carolina 27419-8300

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