

CAUTION

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING



Velista[®]
Turf fungicide

syngenta[®]

ACTIVE CONSTITUENT: 500 g/kg PENTHIOPYRAD

GROUP **7** FUNGICIDE

For control of various diseases in turf as per the
Directions for Use

Syngenta Australia Pty Ltd
Level 1, 2-4 Lyonpark Road, Macquarie Park NSW 2113

In a transport emergency dial 000, Police or Fire Brigade
For specialist advice in an emergency only, call 1800 033 111 (24 hours)

APVMA Approval No: 65718/116273

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DIRECTIONS FOR USE

Restraints

- DO NOT apply by equipment carried on the back of the user
- DO NOT apply more than 2 consecutive applications
- DO NOT apply more than 7.5 kg of product/ha per year
- DO NOT use for more than a third of total fungicide applications for a given area

Spray Drift Restraints

- DO NOT apply with spray droplets smaller than a medium spray droplet size category according to nozzle manufacturer specifications that refer to the ASAE S572 Standard or the BCPC Guideline.
- DO NOT apply during surface temperature inversion conditions at the application site.
- DO NOT apply when wind speed is less than 3 or more than 20 km per hour, as measured at the application site.

Users of this product MUST make an accurate written record of the details of each spray application within 24 hours following application and KEEP this record for a minimum of 2 years.

The spray application details that must be recorded are:

1. Date with start and finish times of application
 2. Location address and paddock/s sprayed
 3. Full name of this product
 4. Amount of product used per hectare and number of hectares applied to
 5. Crop/situation and weed/pest
 6. Wind speed and direction during application
 7. Air temperature and relative humidity during application
 8. Nozzle brand, type, spray angle, nozzle capacity and spray system pressure measured during application
 9. Name and address of person applying this product
- (Additional record details may be required by the state or territory where this product is used).

Mandatory No-Spray Zones

DO NOT apply if there are aquatic or wetland areas including aquacultural ponds within 5 metres downwind from the application area.

Situation	Disease	Rate	Critical Comments
<p>DO NOT apply more than 2 consecutive applications of VELISTA Apply at least 2 applications of an alternative fungicide group before reapplying VELISTA</p>			
Turf	Anthracnose (<i>Colletotricum graminicola</i>), Brown Patch (<i>Rhizoctonia solani</i>), Curvularia Leaf Spot (<i>Curvularia</i> spp), Dollar Spot (<i>Sclerotinia homeocarpa</i>), Helminthosporium disease (<i>Bipolaris</i> spp, <i>Dreschlera</i> spp, <i>Exserohilum</i> spp), Red Thread (<i>Laetisaria fuciformis</i>)	1 to 1.5 kg/ha	Begin application prior to or at the early stages of disease development. Apply at intervals of 14 to 21 days. Use the higher rate and / or shorter interval when conditions continue to favour disease development.
	Spring Dead Spot (<i>Ophiosphaerella narmari</i>)	1.5 kg/ha	Apply as a preventative application in January to March. Make a second application 14 days later.
	Fairy Ring (basidiomycetes fungi)	1.5 kg/ha	Apply preventatively when conditions are favorable for disease development or as an early curative as soon as possible after first symptoms are detected. Make a second application 21 days later. The addition of a quality non-ionic surfactant is recommended. Refer to Application section for detailed information.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION

WITHHOLDING PERIOD: DO NOT GRAZE TREATED TURF/LAWN OR FEED TURF/LAWN CLIPPINGS FROM ANY TREATED AREA TO POULTRY OR LIVESTOCK

GENERAL INSTRUCTIONS

VELISTA is a water dispersible granule that is diluted with water and applied as a broadcast treatment to control certain diseases in turf. The active ingredient in VELISTA is penthiopyrad which 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 biosynthesis inhibitors, strobilurins and other complex III (QoI) inhibitors, anilinopyrimidines, dicarboximides, benzimidazoles and N-phenyl-carbamates.

VELISTA is a broad spectrum fungicide recommended for the control of many important diseases of turfgrass. For best results apply preventatively when conditions favour disease development. Higher doses can be used for curative control.

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.

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 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.

Mixing

For the treatment of **Fairy Ring** (basidiomycetes fungi), the addition of a non-ionic surfactant at a rate of 0.25% v/v (1000 g ai/L products) or 0.42% v/v (600 g ai/L products) such as Agral is recommended.

DO NOT pour VELISTA into an empty tank

Fill spray tank $\frac{1}{4}$ to $\frac{1}{2}$ full of water. Add VELISTA to the spray tank and disperse thoroughly using mechanical or hydraulic agitation. Continue agitation while topping up to the correct volume with water. Maintain constant agitation while mixing and applying the product. **DO NOT** store the diluted solution. If the solution sits in the tank for a period of hours, agitate vigorously prior to application.

Compatibility

VELISTA is compatible with many commonly used fungicides, liquid fertilisers, herbicides, insecticides, and biological control products. However, as formulations of other manufacturers products are beyond the control of Syngenta, all mixtures should be tested before addition to a spray tank and before application to turf to establish safety. When tank mixing VELISTA with other pesticides, observe all precautions and limitations on each separate product label.

Mixing Order: The mixing sequence recommended is water soluble bags, VELISTA, other dry flowable or water dispersible granules, wettable powders, water based suspension concentrates, water soluble concentrates, oil based suspension concentrates, emulsifiable concentrates, adjuvants, surfactants, oils soluble fertilisers, drift retardants.

Application

Apply using well maintained and accurately calibrated spray equipment. Maintain constant agitation while applying the product. Apply evenly and in sufficient water, to ensure thorough coverage and uniform disease control. Apply after mowing or allow treated area to dry before mowing.

Foliar and Crown Diseases (Anthracnose, Brown Patch, Dollar Spot, Red Thread, Helminthosporium Diseases, Leaf Spots): Apply in a minimum of 400 L water/ha using air induction 04 nozzles and allow the treated area to dry before irrigation.

Root Infecting Diseases (Brown Patch, Spring Dead Spot): Apply in a minimum of 750 L water/ha using air induction 08 nozzles and irrigate within 1 hour of application to wash the VELISTA into the upper root zone.

Fairy Ring (basidiomycetes fungi): Apply in approximately 1000 L water/ha using air induction 08 nozzles and irrigate within 1 hour of application to wash the VELISTA into the upper root zone. Irrigate with 6-10mm of water.

Fungicide Resistance Warning

GROUP 7 FUNGICIDE

For fungicide resistance management VELISTA Turf Fungicide is a Group 7 fungicide. Some naturally occurring individual fungi resistant to VELISTA and other Group 7 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi will not be controlled by VELISTA or other Group 7 fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi is difficult to detect prior to use, Syngenta Australia Pty Ltd accepts no liability for any losses that may result from the failure of VELISTA to control resistant fungi. VELISTA may be subject to specific resistance management strategies. To help prevent the development of resistance to VELISTA, use in accordance with the current Fungicide Resistance Management (IRM) strategy for your region. For further information contact your farm chemical supplier, consultant, local Department of Agriculture or Primary Industries or local Syngenta Representative.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. DO NOT contaminate streams, rivers, waterways with the chemical or used container.

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray drift onto nearby non-target plants/crops, cropping lands or pastures.

PROTECTION OF LIVESTOCK

DO NOT graze treated areas or feed turf clippings from treated areas to animals including poultry.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well ventilated area out of direct sunlight. Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with the relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.

SAFETY DIRECTIONS

Will irritate the eyes. Avoid contact with eyes. When opening the container, mixing and loading and preparing spray, wear cotton overalls buttoned to the neck and wrist and a washable hat (or equivalent clothing) and goggles. Wash hands after use. If product in eyes, wash immediately with water.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 131 126.

SAFETY DATA SHEET

If additional hazard information is required refer to the Safety Data Sheet. For a copy phone 1800 067 108, or visit our website at www.greencast.com.au or www.syngenta.com.au

DISCLAIMER

This product complies with the specifications in its statutory registration. Implied terms and warranties are excluded. Syngenta’s liability for breach of the express or any non-excludable implied warranty is limited to product replacement or purchase price refund. The purchaser must determine suitability for intended purpose and take all proper precautions in the handling, storage and use of the product including those on the label and/or safety data sheet failing which Syngenta shall have no liability.

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* Trademark

Batch No	
Date of Manufacture	

