

flusilazole

ALWAYS READ AND FOLLOW THE LABEL

Information on this page is not to be substituted for label directions

Active Ingredient (a.i.):
flusilazole

Target Pest Category:
fungicide



Examples of Trade Names:
Nustar

Chemical Family:
Triazole

What it is:

Systemic fungicide with protective and curative action. Flusilazole is redistributed by rainfall, and resistant to wash off. Vapour phase activity contributes to its effectiveness.

How it works/Mode of Action:

Flusilazole is a sterol synthesis inhibitor, which interferes with fungal membrane structure and function.

Types of Formulation:

dry flowable

Toxicity based on pure active ingredient:

Species	LD ₅₀ /LC ₅₀	Relative Toxicity*
Mammal (female rat)	LD ₅₀ Oral : 674 mg/kg	Slightly toxic
Mammal (rabbit)	LD ₅₀ Dermal: >2000 mg/kg	Slightly toxic
Bird (mallard)	LD ₅₀ >1590 mg/kg	Slightly toxic
Bees	LD ₅₀ >150 µg/bee	Moderately toxic
Fish (trout) (96 hour)	LC ₅₀ 1.2 mg/L	Highly toxic

*For description of relative toxicity categories please click [here](#).

What it controls:

For use on apples for control of apple scab and powdery mildew.

Application Timing:

Begin applications at green tip stage and repeat at 7 to 10 day intervals. Use a shorter interval on susceptible varieties or when environmental conditions are conducive to frequent infection periods. Do not apply more than 4 times per season or within 77 days of harvest. Read the label for more details.

Mixing Instructions:

Add the required amount pesticide to about one-half the necessary volume of water to spray tank agitated by hydraulic or mechanical means. Allow thorough mixing and finish filling tank with additional water. Before mixing with other pesticides, test mix small quantities of each to ensure compatibility. Ensure that it is fully dissolved in the tank before adding any other product to the tank.



BRITISH
COLUMBIA

Application Tips:

- For worker protection during mixing, loading and application, wear a hat, long-sleeved shirt, long legged trousers or overalls and rubber gloves.

Storage:

- Store product in original container only, away from fertilizer, food or feed.
- Do not use or store in or around the home.
- Keep away from heat, sparks and open flame.

Applicator Safety and Re-entry:

- Restrict entry to treated areas for 12 hours following application. Re-entry after 4 hours is permitted if personal protective equipment is worn.
- Causes temporary eye injury. Do not get in eyes. Wear goggles or a face shield when handling. In case of eye contact, flush immediately with plenty of water for at least 15 minutes.
- Harmful if swallowed, or absorbed through the skin. Avoid contact with skin or clothing. Avoid breathing dust or spray mist.
- Please read the label for more information on applicator safety.

Restrictions:

- Do not graze or feed forage or hay from treated orchards to livestock.
- Do not apply by air.
- Do not expose workers or bystanders to spray or drift.

Pesticide Labels:

- To find labels for pesticides registered in Canada, please link to the Pest Management Regulatory Agency (PMRA) label search web page:
<http://www.eddenet.pmra-arla.gc.ca/4.0/4.01.asp>

Environmental Considerations:

- Do not apply within 30 metres of water bodies used as drinking water sources.
- Avoid overspray, drift or runoff to environmentally sensitive habitats such as ponds, wetlands, and streams.
- A buffer zone of 5 meters should be established between areas to be sprayed and environmentally sensitive aquatic habitats.
- Avoid exposure to bare (fallow) soil during application.

Resistance Management:

- Flusilazole is a Group 3 fungicide.
- Rotate flusilazole or other Group 3 fungicides with fungicides from different groups that control the same diseases.
- Tank mixes with fungicides from different groups are recommended. See label for details.

Last Updated: August/2004