

POME FRUIT

General Information

PRODUCT INFORMATION

Scholar EZ is a protective fungicide used to aid in the control of post-harvest diseases in storage facilities.

RESISTANCE MANAGEMENT

Scholar EZ contains fludioxonil which is in the phenylpyrrole class of chemistry and has a unique mode of action, which prevents fungal respiration (Fungicide Action Group 12). Fungal isolates with acquired resistance to Group 12 may eventually dominate the fungal population if Group 12 fungicides are used repeatedly in the same field or packing facility or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by fludioxonil or other Group 12 fungicides. A disease management program that includes alternation or tank mixes between Scholar EZ and other labeled fungicides that have a different mode of action may prevent pathogen populations from developing resistance. Use sanitation and other cultural practices to minimize pathogen populations in order to control disease and prevent or delay resistance development.

APPLICATION RESTRICTIONS

- Only apply 1 post-harvest application of fludioxonil-containing product.
- Do not apply to fruit previously treated with fludioxonil via drench or dip/wash.
- Apply only with a thermal fogging machine.

Application Procedures

- Do not breathe the fog.
- Turn off room cooling systems and humidifiers 12 hours prior to and during treatment.

- Turn off room circulation fans immediately prior to and during treatment.
- Open a small vent in the room during fogging, if necessary, to avoid back-pressure.
- Turn on room circulation fans one hour after the treatment.
- Visually check that the fog has totally disappeared (about 5 hours post-treatment) before restarting the cooling systems.

Posting

Notify workers of application by warning them orally and posting warning signs at entrances to treated areas.

Re-Entry

Entry into the treatment area by another person other than properly trained and equipped handlers is prohibited from the start of application until the treated area is ventilated as follows:

- 8 hours with no ventilation followed by 1 hour of mechanical ventilation
- 24 hours with no ventilation

In case it is necessary to enter the treatment area during treatment or before ventilation requirements have been met, handlers must wear chemical resistant headgear and a self-contained breathing apparatus (SCBA, MSHA/NIOSH approval number prefix TC-13F) in addition to PPE listed under the PRECAUTIONARY STATEMENTS. Follow all applicable safety precautions for entering a controlled atmosphere storage facility, such as monitoring oxygen and carbon monoxide meters to assure proper levels before re-entry.

Limitations, Restrictions, and Exceptions

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Use Scholar EZ as a post-harvest thermal-fog aerosol application to reduce damage from post-harvest diseases.

- Ensure proper distribution of the product on the fruit.

- Treat only dry fruit.
- Apply to fruit as soon after harvest as possible but no more than 15 days after harvest.
- Load bins in the storage room with normal spacing between bins and head space.
- Do not cover top bins.
- Cover the front face of the bins directly in front of the fogging nozzle.

For maximum decay control during storage, treat fruit before storage with Scholar EZ.

Specific Use Restrictions

- Do not apply to fruit previously treated with fludioxonil via drench or dip/wash.
- Apply only with a thermal fogging machine.
- Only apply 1 post-harvest application of fludioxonil-containing product.

Method

[Fogging](#)

Timings

[Post-harvest](#)