

# **CONIFERS IN NURSERIES - SEEDBEDS AND PLUG-PLANTINGS (FOLIAR APPLICATIONS)**

## General Information

### PRODUCT INFORMATION

Quali-Pro Mefenoxam 2 AQ is an aqueous flowable systemic fungicide for use on selected turf, nursery, and ornamental crops to control certain diseases caused by members of the Oomycete class of fungi. Other fungicides must be used to control diseases incited by other classes of fungi.

### RESISTANCE MANAGEMENT

Quali-Pro Mefenoxam 2 AQ is a systemic fungicide having a specific mode of action and its use could be subject to development of insensitive strains of fungi. Development of insensitivity cannot be predicted. If treatment is not effective following the use of Quali-Pro Mefenoxam 2 AQ as instructed, an insensitive strain of fungi may be present. If the treatment is ineffective due to the presence of an insensitive strain of fungi, neither Quali-Pro Mefenoxam 2 AQ nor any other fungicide with similar action will effectively control that disease. Consideration should then be given to the prompt use of other types of suitable fungicides. Consult with your State Agricultural Experiment Station or Extension Service Specialist for guidance on your particular disease control situation.

Do not make foliar applications unless specified since this practice may encourage more rapid development of insensitivity.

### APPLICATION INSTRUCTIONS

Quali-Pro Mefenoxam 2 AQ may be applied through traditional spray equipment or through irrigation systems such as a soil drench, soil surface (broadcast or banded), or as a stem and foliar spray. Quali-Pro Mefenoxam 2 AQ may also be incorporated into a pre-potting growing media for subsequent seeding or transplanting of ornamentals.

### ORNAMENTALS

Quali-Pro Mefenoxam 2 AQ is a systemic fungicide that provides control of damping off, root and stem diseases caused by *Pythium* and *Phytophthora* spp., and foliar diseases such as downy mildew and foliar diseases caused by *Phytophthora* spp. including *Phytophthora ramorum*.

Use Quali-Pro Mefenoxam 2 AQ on ornamentals grown in greenhouse, lath and shadehouses, outdoor field and container nurseries (including nonbearing fruit and nut trees), conifer plantations, and in commercial and residential landscapes.

Quali-Pro Mefenoxam 2 AQ may be applied through traditional spray equipment or through irrigation systems as a soil drench or as a soil surface spray (broadcast or banded), or as a stem and foliar spray. Quali-Pro Mefenoxam 2 AQ may also be incorporated into a pre-potting growing media for subsequent seeding or transplanting of ornamentals.

**Rate Selection:** Within a rate range given for a specific group of ornamentals, use the lower rate for the shortest interval listed and the higher rate for the longest interval. Under severe disease conditions, use the highest rate and the shortest interval.

**Soil Surface Sprays:** For best efficacy with soil surface applications, irrigate in with at least 1/2 inch of water within 24 hours. If applications are banded, calculate the amount of Quali-Pro Mefenoxam 2 AQ needed by using the formula for banded application under APPLICATION INSTRUCTIONS in the PRODUCT INFORMATION section of the label.

**Growing Medium Drench:** Use enough of the specified Quali-Pro Mefenoxam 2 AQ water solution to wet the root zone of plants. As part of a sound resistance management program, do not make more than two (2) sequential applications of Quali-Pro Mefenoxam 2 AQ before alternating with a fungicide of a different mode of action.

**Foliar and Stem Sprays:** Apply thoroughly to all parts of the foliage and stems. For *Phytophthora* spp. and *Pythium* spp., apply Quali-Pro Mefenoxam 2 AQ alone. For downy mildew control (and following resistance management practices), you must apply in a tank mixture with a non-Group 4 fungicide. As part of a sound resistance management program, apply only one (1) foliar application of Quali-Pro Mefenoxam 2 AQ before alternating with a non-Group 4 fungicide for sequential foliar

applications.

Pre-Potting growing Media Mix: Combine 0.12 to 0.24 fl oz Quali-Pro Mefenoxam 2 AQ into 1.0 gallon of water. Uniformly mix this solution onto one (1) cubic yard of potting media. Uniform mixing can be accomplished by placing the potting mix in a rotating drum and spraying the Quali-Pro Mefenoxam 2 AQ solution onto the mix while the drum is rotating. Prepare this media treatment just prior to use.

NOTICE TO USER: Due to the large number of species and varieties of ornamentals and nursery plants, it is impossible to test every one for tolerance to Quali-Pro Mefenoxam 2 AQ. Neither the manufacturer nor the seller has determined whether or not Quali-Pro Mefenoxam 2 AQ can be used safely on ornamental and nursery plants not specified on the label. The user should determine if Quali-Pro Mefenoxam 2 AQ can be used safely prior to commercial use. In a small area, test the specified rates for a particular group of unlabeled plants, i.e., bedding plants, foliage, flowers, or woody ornamentals, for phytotoxicity prior to widespread use.

Limitations, Restrictions, and Exceptions

CONIFERS IN NURSERIES AND PLANTATIONS (INCLUDING CHRISTMAS TREES)

Quali-Pro Mefenoxam 2 AQ provides control of Phytophthora root, stem, and foliar disease of conifers.

FOLIAR APPLICATION:

Use 0.98 fl oz Quali-Pro Mefenoxam 2 AQ per 100 gals of water and apply to runoff.

RESISTANCE MANAGEMENT:

Apply only one (1) foliar application of Quali-Pro Mefenoxam 2 AQ before alternating with a non-Group 4 fungicide for sequential foliar applications.

Method

[Foliar application](#)

Rates

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Timings

[N.A.](#)