

ORNAMENTAL PLANTS: GROWN IN NURSERIES, GREENHOUSES (ZINNIA) - (POWDERY MILDEWS)

General Information

APPLICATION INSTRUCTIONS

Quali-Pro Chlorothalonil 500 ZN, a flowable product containing chlorothalonil, is recommended for use as a spray for the control of many important plant diseases.

RESISTANCE MANAGEMENT

To avoid the development of tolerant or resistant strains of fungi, Quali-Pro Chlorothalonil 500 ZN should always be tank mixed with a fungicide of different chemistry, and/or a fungicide of different chemistry should be alternated with Quali-Pro Chlorothalonil 500 ZN at each application. If after using Quali-Pro Chlorothalonil 500 ZN as recommended and the treatment is not effective, a tolerant or resistant strain of fungi may be present. Discontinue the use of Quali-Pro Chlorothalonil 500 ZN for at least one season.

Quali-Pro Chlorothalonil 500 ZN is effective for use in programs that attempt to minimize disease resistance to fungicides. Quali-Pro Chlorothalonil 500 ZN has a multi-site mode of action and may be used to delay or prevent the development of resistance to single-site fungicides. Consult with your Federal or State Cooperative Extension Service representatives for guidance on the proper use of Quali-Pro Chlorothalonil 500 ZN in programs that seek to minimize the occurrence of disease resistance to other fungicides.

GENERAL PRECAUTIONS

Quali-Pro Chlorothalonil 500 ZN can be used effectively in dilute or concentrate sprays. Thorough, uniform coverage is essential for disease control. Do not combine Quali-Pro Chlorothalonil 500 ZN in a spray tank with pesticides, surfactants, or fertilizers, unless prior use has shown the combination to be physically compatible, effective, and noninjurious under your conditions of use. Do not combine Quali-Pro Chlorothalonil 500 ZN with DiPel 4L, Foil, Triton AG-98, Triton B-1956, or Latron B-1956 as phytotoxicity may result from the combination when applied to crops listed

on the label.

Note: Prior to pouring, slowly invert container several times to assure uniform mixture.

Dosage rates on the label indicate pints of Quali-Pro Chlorothalonil 720 SFT per acre, unless specified otherwise. Under conditions favoring disease development, the high rate specified and shortest application interval should be used.

APPLICATION PRECAUTIONS AND REQUIREMENTS

This product must not be applied within 150 feet for aerial and air-blast applications or 25 feet for ground applications of marine/estuarine water bodies unless there is an untreated buffer area of that width between the area to be treated and the water body.

Limitations, Restrictions, and Exceptions

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Do not use mistblowers or high pressure spray equipment when making applications of Quali-Pro Chlorothalonil 500 ZN in greenhouses. Apply Quali-Pro Chlorothalonil 500 ZN at the recommended rate given unless other directions are given. Apply in a spray until foliage runoff occurs when conditions are favorable for disease development. Repeat applications at 7 to 14 day intervals until conditions are no longer favorable. During periods when conditions favor severe disease incidence, generally cloudy or wet weather, apply Quali-Pro Chlorothalonil 500 ZN at 7 day intervals. Quali-Pro Chlorothalonil 500 ZN should be applied to plants when both foliage and flowers are dry or nearly dry.

Do not combine Quali-Pro Chlorothalonil 500 ZN in the spray tank with pesticides, surfactants, or fertilizers unless prior use has shown the combination to be physically compatible, effective, and noninjurious under your conditions of use.

The user should test for possible phytotoxic responses, using recommended rates on ornamental plants on a small area prior to commercial treatments and observe for 7 to 10 days for symptoms of phytotoxicity. Applications made during bloom may damage flowers and/or fruits.

NOTE: Fruits and other treated foliage must not be eaten or fed to livestock.

Avoid applications during bloom periods for those plants where flower injury is unacceptable.

Method

[Spray](#)

Rates

[field rates 0](#)

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Restricted Entry Interval

12 hours

Timings

[When conditions are favorable for disease development](#)

[When both foliage and flowers are dry or nearly dry](#)