

# **FUNGUS GNATS, SHOREFLIES - FOR BED, BENCH AND CONTAINER GROWN PLANTS - HIGHER VOLUME DRENCH APPLICATION TO INDIVIDUAL CONTAINERS**

General Information

## **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

## **GENERAL INFORMATION**

### **ORNAMENTALS**

ADEPT provides an effective means for controlling a variety of insect pests found in and around ornamental plants. ADEPT can be used in repeat applications as a soil treatment or foliar spray in enclosed commercial structures only, such as greenhouses, shadehouses, and interiorscapes.

Because of its mode of action, which results in a disruption of the normal molting process of the insect larvae, the action of ADEPT is slow and several days may elapse before the full effect is seen. Because of its specificity, ADEPT has shown little or no effect on beneficial insects and is therefore an excellent product for use in IPM programs.

Mixing Instructions: Do not allow bags to become wet before adding to the spray tank. Wear dry gloves when handling watersoluble bags. Minimize handling of bags since excessive handling may cause rupture. Fill the mixing tank with half the required amount of water and add water-soluble bag(s) of ADEPT. Then fill the tank with the remaining amount of required water. Wait two minutes for bag(s) to dissolve. Close tank and shake or agitate before and during use in order to ensure

proper suspension of the wettable powder. Shake or reagitater sprayer before use if application is interrupted. Make up only the amount of application volume as required.

Compatibility: For broad spectrum insect control, ADEPT can be tank mixed with other insecticide products. However, do not mix with other products unless prior use has proven compatibility.

#### GENERAL PRECAUTIONS AND RESTRICTIONS

##### Application Restriction:

Do not apply this product to bodies of water where swimming is likely.

PLANT TOLERANCE: Neither the manufacturer nor the seller has determined whether or not ADEPT can be used safely on all ornamental plants. Prior to any large scale application on such plants, the user must determine the safety of ADEPT by testing a small number of the type of plants to be treated at the recommended rates and under the desired growing conditions. Observe the treated plants for symptoms of phytotoxicity, which may occur as interveinal chlorosis and/or marginal necrosis on sensitive plants. This may take up to three months for applications made to the soil. The user assumes all risks arising out of application to untested plants.

##### Precautions for water soluble package:

Do not sell individual water soluble packages.

Do not handle inner package with wet hands or gloves.

Do not allow packages to become wet prior to adding to the spray tank.

Handle outer container carefully to avoid breakage of inner water soluble packages.

Always reseal outer container in a manner that protects remaining water soluble packages from moisture.

Do not remove the water soluble packages from the container except for immediate use.

Use the entire contents of a water soluble package, do not break open to use partial contents of water soluble package.

#### Limitations, Restrictions, and Exceptions

#### APPLICATION INSTRUCTIONS

##### SOIL INHABITING INSECTS - FUNGUS GNATS, SHOREFLIES:

For control of certain soil inhabiting insects such as fungus gnats and shoreflies, ADEPT can be applied to potting media as a coarse spray (sprenc) or higher volume drench application through conventional equipment or through chemigation. When applied according to the recommendations below, ADEPT will provide control for a period of 30 to 60 days. Repeat applications can be made at 4 to 8 weeks intervals as necessary to maintain control, but do not make more than four applications per crop. For optimum control throughout the production area and to prevent re-infestation of crops, it is recommended that breeding areas under benches and other non-crop areas be treated at the same time that the crop is treated.

Attention: Exceeding label rates, volumes or number of applications of ADEPT can cause serious foliar injury to crops, particularly to poinsettias, hibiscus and Reiger begonia. Do not apply ADEPT to poinsettias, hibiscus and Reiger begonia. No sensitivity has been observed with other bedding or pot crops including plugs and liners, however tests should be conducted to insure safety to any crop before extensive use.

NOTE: For optimum results, applications should be made to moist potting media.

Do not re-use potting media which has been treated with ADEPT.

Do not apply to plants grown on capillary water mats.

For bed, bench and container grown plants:

#### Higher Volume Drench Applications to Individual Containers

For drench applications to individual containers, ADEPT can be applied in water volumes higher than those recommended for coarse soil spray / sprenc applications as long as the higher volumes can be reliably metered into each pot and evenly distributed over the soil surface to insure uniform treatment.

NOTE: The volumes recommended in the table above are based on average drench volumes used for application of commercial fungicides in the production of greenhouse ornamental crops. Based on these averages, each 100 gallon mix of ADEPT should treat the specified number of pots listed in the table above.

For soil drench applications which use a final volume either greater or less than those specified above, the user must alter the concentration of ADEPT in water in

order to maintain the same amount of active ingredient applied to the given surface area of media. The table below outlines dilution rates for applications using alternate drench volumes.

Refer to section table in the label for the gallons of water required per 1 oz. (1 bag) of Adept.

Method

[Soil drench](#)

Rates

[field\\_rates 0](#)

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Restricted Entry Interval

12 hours

Timings

[N.A.](#)