

FRUIT AND NUT CROPS - BLUEBERRIES - FIRE ANTS

General Information

GENERAL INFORMATION

Diazinon AG500 is an emulsifiable solution which, when diluted with water according to the directions, is intended for the control of insect pests of agricultural crops and other plants. Do not use in greenhouses. Do not use in barns or dwellings. Do not use on livestock. Aerial application is prohibited, except as allowed on the label for use on lettuce.

In the directions for use which follow, best control is obtained when application is made when infestation is noticed.

To avoid spray drift, do not apply under windy conditions. Avoid spray overlap, since crop or plant injury may result.

Do not use water from treated cranberry beds for drinking purposes or to irrigate crops other than those appearing on EPA approved diazinon labels.

Note: The California Department of Pesticide Regulation has set a 5-day reentry period for diazinon on peaches and nectarines. Five days should elapse between the time of application and the time a worker may enter the field to engage in any activity requiring substantial contact with treated foliage. When a mixture of two or more organophosphate pesticides are applied in combination, the interval should be prolonged by adding to the largest applicable interval an additional 50% of that interval.

Failure to follow the directions for use and precautions on the label may result in poor insect control, crop injury, or illegal residues.

SPRAY EQUIPMENT

Applications of Diazinon AG500 using sufficient water volume to provide thorough and uniform coverage generally provide the most effective pest control.

To avoid spray drift, do not apply when conditions favor drift from beyond the target area. Avoid overlap because crop injury may occur.

Equip sprayers with nozzles that provide accurate and uniform application. Be certain that nozzles are the same size and uniformly spaced across the boom. Calibrate sprayer before use.

For more information on spray equipment and calibration, consult sprayer manufacturers and state recommendations. For specific local directions and spray schedules, consult your local or state agricultural authorities.

Limitations, Restrictions, and Exceptions

FRUIT AND NUT CROPS

Diazinon AG500 may be applied using ground application equipment as specified in the following table. This table indicates the minimum amount of water that can be used for application. The rate of Diazinon AG500 for concentrated spray applied to fruit trees by ground equipment is based on a dilute full cover spray applied with conventional ground equipment at a rate of 300 – 400 gals. of water per acre. The specific amount of product to be used appears under the separate directions for use for each crop. If the rate calls for 1 pt. of Diazinon AG500 in 100 gals. of water, this amounts to 3 – 4 pts. of product per acre when applied at the usual dilute ground spray volumes of 300 – 400 gals. of water per acre. In no case should the amount of product used per acre exceed the maximum amount per acre per application that is specified in the COMMENTS section for individual crops.

Note: To protect bees, do not apply this product to fruit trees when trees or substantial numbers of weeds in the orchard are in bloom.

- To aid in the control of fire ants, slowly apply 1 gal. of diluted mixture over and 6 inches around each mound. Apply gently to avoid disturbing ants. Use equipment capable of delivering the diluted product as a gentle rain. High pressure sprays may disturb the ants and cause migration reducing product effectiveness. For best results, apply in cool weather (65 – 80°F) or in early morning or late evening hours.

- A maximum of two applications are allowed per year: 1) a maximum of one as an in-season foliar application regardless of target pest and 2) a maximum of one for control of fire ant.

Method

[Broadcast/Foliar Ground](#)

Pre-Harvest Interval

7 days

Rates

[field_rates 0](#)

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Restricted Entry Interval

5 days

Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard under certain circumstances allows workers to enter the treated area if there will be no contact with anything that has been treated.

Timings

[Early morning or late evening hours.](#)

[In cool weather \(65 - 80°F\).](#)