

CHERRY

General Information

Chemigation: Do not apply this product through any type of irrigation system.

Spray Volume: ORIUS 45DF may be applied in 50 gallons or more of spray solution per acre by ground spray equipment or in 15 gallons or more per acre by aircraft equipment except as noted under "REMARKS" for each crop. Increase spray volume as crop growth increases to ensure thorough coverage of the foliage and fruit.

Check equipment calibration frequently. Complete coverage and uniform application are essential for the most effective results, especially when lower spray volumes are applied.

No aerial application is allowed on Long Island, New York.

Mixing: Add recommended amount of ORIUS 45DF into the spray tank while filling with water to the desired level. Operate the agitator while mixing. If other materials are added to the spray tank, the ORIUS 45DF should be thoroughly dispersed prior to the addition of other materials.

Compatibility: To determine the compatibility of ORIUS 45DF with other products, the following procedure should be followed: Pour the recommended proportions of the products into a suitable container of water, mix thoroughly, and allow to stand at least five (5) minutes. If the combination remains mixed or can be remixed readily, the mixture is considered physically compatible. For further information, contact your local Makhteshim Agan representative.

Limitations, Restrictions, and Exceptions

Leaf spot: Begin application at petal fall or when first leaves unfold and continue applications at 7- to 14-day intervals.

Applications should be made at 7-day intervals early in the growing season when terminal growth is rapid and/or under severe disease conditions. A postharvest application may be made to maintain control and reduce overwintering inoculum.

Powdery mildew: Follow leaf spot schedule until terminal growth ceases.

GENERAL USE DIRECTIONS:

ORIOUS 45DF may be applied up to and including the day of harvest (0-day PHI).

ORIOUS 45DF is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in tank-mix or alternated (every other spray application) with a non-DMI (protectant) fungicide as a resistance management strategy. Do not mix ORIOUS 45DF with other DMI fungicides.

When using the 2 oz/100 gal rate, use at least 4 oz of ORIOUS 45DF per acre.

4 to 8 oz/acre: The amount of ORIOUS 45DF required per acre will depend on tree size and volume of foliage present. The rate per acre is based on a standard of 400 gallons of dilute spray solution per acre for large trees. For smaller trees, multiply 2 oz times the number of 100 gallons of spray solution required to thoroughly wet, to the point of runoff, one acre of the trees being treated. For concentrate sprays, apply the same amount of product per acre as would be applied in a dilute spray based on tree size and foliage volume, but not less than 4 ounces of ORIOUS 45DF per acre. Apply 6 to 8 ounces per acre of ORIOUS 45DF when severe disease conditions exist.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Foliar spray](#)

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Foliar spray](#)

Rates

[field_rates 0](#)

[field_rates 1](#)

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Restricted Entry Interval

12 hours

Timings

[At petal fall or when first leaves unfold and continue applications at 7- to 14-day](#)

intervals.

Powdery mildew: Follow leaf spot schedule until terminal growth ceases.