

CHERRY, PEACH, NECTARINE

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

Blossom blight: Begin application at white bud on cherry or pink bud on peach and nectarine. Apply again at 50% bloom and at petal fall if conditions continue to be favorable for disease development.

Fruit rot: Begin application at two to three weeks before harvest and continue at 7-day intervals through the day of harvest. The blossom and fruit stages must be protected for optimum control of brown rot. If ORIUS 45DF is applied during only

one of these stages, another registered fungicide should be applied to the other stage to provide optimum protection. Additional cover sprays during the early postbloom period are also important for preventing quiescent fruit infections in sweet cherry and peach.

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

Blossom blight: Begin application at white bud on cherry or pink bud on peach and nectarine.

Fruit rot: Begin application at two to three weeks before harvest and continue at 7-day intervals through the day of harvest.