



Supplemental Labeling
For use on wheat and barley
(Not for use in New York or California)

ORIUS[®] 3.6F
FOLIAR FUNGICIDE
EPA Reg. No. 264-752-66222

DIRECTIONS FOR USE

- It is a violation of Federal law to use this product inconsistent with its labeling.
- This supplemental labeling must be in the possession of the user at the time of pesticide application.
- Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA registered label.
- These new uses can be found on the EPA label dated May 2, 2008.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to mammals, fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

Ground Water Advisory: Tebuconazole is known to leach through soil into ground under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination.

Surface Water Advisory: This product may contaminate water through drift of spray in wind. This product has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted within 48 hours.

DIRECTIONS FOR USE

Spray Volume: Orius 3.6 F may be applied in a minimum of 10 gallons of spray solution per acre by ground sprayer or in a minimum of 5 gallons of spray solution per acre by aircraft spray equipment. Check equipment calibration frequently. Complete coverage and uniform application are essential for the most effective results, especially when lower spray volumes are applied. If necessary, increase the spray volume per acre for complete crop coverage.

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

Mixing: Add recommended amount of Orius 3.6 F 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 3.6 F should be thoroughly dispersed prior to the addition of other materials. Do not tank mix with products containing a prohibition against tank mixing. Follow the most restrictive labeling requirements of any tank mix product.

Compatibility: To determine the compatibility of Orius 3.6 F 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 re-mixed readily, the mixture is considered physically compatible. For further information contact your local Makhteshim Agan of North America, Inc. representative.



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APPLICATION DIRECTIONS- BARLEY	
DISEASE	RATE OF ORIOUS 3.6 F
Rusts (<i>Puccinia</i> spp.) Head blight (<i>Fusarium</i> spp.) – Suppression	4 fl. oz. per acre
<p>Notes: Apply ORIOUS 3.6 F in a minimum of 10 gallons of spray solution per acre by ground or in a minimum of 5 gallons of spray solution per acre by air. A maximum of 4 fl. oz. of ORIOUS 3.6 F may be applied per acre per crop season. Do not apply within 30 days of harvest. Straw cut after harvest may be fed or used for bedding. Grazing livestock or feeding of green forage is permitted 6 or more days after the last application of ORIOUS 3.6 F. Barley fields should be observed closely for early disease symptoms, particularly when susceptible varieties are planted and/or under prolonged conditions favorable for disease development.</p> <p>Application timing directions: Rusts: Apply ORIOUS 3.6 F at the earliest sign of rust pustules on foliage. Fusarium head blight: Optimal timing of ORIOUS 3.6 F for Fusarium head blight suppression is when main stem heads have fully emerged (Feekes 10.5) on 50% of the plants.</p> <p>General Comments: For optimum disease control, the lowest specified rate of a spray surfactant should be tank-mixed with ORIOUS 3.6 F. ORIOUS 3.6 F must have two to four hours of drying time on plant foliage for the active ingredient to move systemically into plant tissue before rain or irrigation occurs. After this period of time, ORIOUS 3.6 F will be resistant to weathering. ORIOUS 3.6 F is a demethylation inhibitor (DMI) fungicide (Group 3).</p>	

APPLICATION DIRECTIONS-WHEAT	
DISEASE	RATE OF ORIOUS 3.6 F
Rusts leaf, stem, and stripe (<i>Puccinia</i> spp.) Head blight or scab (<i>Fusarium</i> spp.) – Suppression	4 fl. oz. per acre
<p>Notes: Wheat fields should be observed closely for early disease symptoms, particularly when susceptible varieties are planted and/or under prolonged conditions favorable for disease development. A maximum of 4 fl. oz. of ORIOUS 3.6 F may be applied per acre per crop season. Do not apply within 30 days of harvest. Straw may be fed or used for bedding. Do not allow livestock to graze or feed green forage to livestock prior to 6 days after treatment with ORIOUS 3.6 F. Apply ORIOUS 3.6 F in a minimum of 10 gallons of spray solution per acre by ground, or in a minimum of 5 gallons of spray solution per acre by air.</p> <p>Application timing directions: Rusts: Apply ORIOUS 3.6 F at the earliest sign of rust pustules on foliage. Fusarium head blight: Optimal timing of ORIOUS 3.6 F for Fusarium head blight suppression is the beginning of flowering on main stem heads (Feekes 10.51).</p> <p>General Comments: For optimum disease control, the lowest specified rate of a spray surfactant should be tank-mixed with ORIOUS 3.6 F. ORIOUS 3.6 F must have two to four hours of drying time on plant foliage for the active ingredient to move systemically into plant tissue before rain or irrigation occurs. After this period of time, ORIOUS 3.6 F will be resistant to weathering. ORIOUS 3.6 F is a demethylation inhibitor (DMI) fungicide (Group 3).</p>	

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