

Fluxapyroxad	Group	7	Fungicide
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Pyraclostrobin	Group	11	Fungicide
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FIFRA Sec. 24(c) Special Local Need Label

Merivon[®]

Xemium[®] Brand Fungicide

For distribution and use only within the state of California

For aerial application to pome fruits, stone fruits, and tree nuts with standing water

EPA Reg. No. 7969-310

EPA SLN No. CA-200004

This label expires and must not be distributed or used in accordance with this SLN registration after **June 30, 2025**

Directions For Use

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- The state-specific Section 24(c) labeling must be in the possession of the user at the time of application.
- Follow all applicable directions, restrictions, and precautions on the EPA-registered main product label for **Merivon[®] Xemium[®] Brand Fungicide**, EPA Reg. No. 7969-310 and this label.

Application Instructions

Aerial application can be made to pome fruits, stone fruits, and tree nuts when orchards are inaccessible by ground application because of excessive rainfall resulting in saturated soil conditions and/or standing water.

- Use no less than 10 gallons of spray solution per acre.

Thorough coverage is required to obtain optimal disease control. Poor canopy penetration may result in reduced disease control. Avoid applications under conditions when uniform coverage cannot be obtained or when spray drift may occur.

Specific Use Restrictions

- **DO NOT** contaminate state waterways where fish and wildlife are likely to be affected.

Crop-specific Requirements

Crop	Target Disease	Product Use Rate per Application (fl ozs/A)	Maximum Number of Applications per Season	Maximum Product Rate per Year (fl ozs/A)	Minimum Time from Application to Harvest (PHI) (days)
<p>Pome fruits</p> <p>Apple Crabapple Oriental pear Pear</p>	<p>Alternaria blotch (<i>Alternaria mali</i>)</p> <p>Apple scab (<i>Venturia inaequalis</i>)</p> <p>Bitter rot (<i>Colletotrichum</i> spp.)</p> <p>Black rot/Frogeye leaf spot (<i>Botryosphaeria obtusa</i>)</p> <p>Blue mold* (<i>Penicillium</i> spp.)</p> <p>Brooks spot (<i>Mycosphaerella pomii</i>)</p> <p>Flyspeck (<i>Zygophiala jamaicensis</i>)</p> <p>Gray mold rot* (<i>Botrytis cinerea</i>)</p> <p>Pear scab (<i>Venturia pirina</i>)</p> <p>Powdery mildew (<i>Podosphaera leucotricha</i>)</p> <p>Sooty blotch (disease complex)</p> <p>White rot (<i>Botryosphaeria dothidea</i>)</p> <p><u>Suppression only</u></p> <p>Cedar apple rust (<i>Gymnosporangium juniperi-virginianae</i>)</p> <p>Quince rust (<i>Gymnosporangium clavipes</i>)</p>	4 to 5.5	4	22	0
<p>Application Directions. For scab, powdery mildew, frogeye leafspot and rust, begin applications of Merivon® Xemium® brand fungicide prior to disease development and continue on a 7 to 10 day interval.</p> <p>For sooty blotch, flyspeck, white rot, black rot, bitter rot and Alternaria blotch, begin applications of Merivon prior to disease development and continue on a 7 to 14 day interval.</p> <p>Use of Adjuvants and Other Products as Mixes with Merivon.</p> <p>The use of adjuvants or additives may improve the performance of Merivon on pome fruits. However, under certain conditions, mixtures of Merivon with adjuvants, additives and/or other products may cause crop injury. Caution should be exercised if Merivon is tank mixed with products formulated as emulsifiable concentrates (EC) or containing high amounts of solvents since injury may occur. Consult your local BASF representative for more information specific to your area.</p>					

(continued)

Crop-specific Requirements *(continued)*

Pome fruits *(continued)*

DO NOT use **Merivon® Xemium® Brand Fungicide** with:

- Crop oil concentrate (COC), methylated seed oil (MSO) adjuvants

For **pears**, **DO NOT** use **Merivon** with horticultural mineral oil as crop response to foliage and/or fruit can occur under certain conditions.

BASF has not tested all varieties and cultivars with all possible tank mix combinations and rates of additives or adjuvants. Local environmental conditions also influence crop tolerance and may not match those under which BASF has conducted testing. Physical incompatibility, reduced disease control, crop injury, or incompatibility due to additives, adjuvants or other products used in combination with **Merivon** may result from mixing **Merivon** with other products. Refer also to the **Conditions of Sale and Warranty** section of this label.

To minimize the likelihood of crop injury, BASF recommends testing **Merivon** in combination with other products for crop safety on a small portion of the crop. However, environmental variability precludes direct and consistent projection of small area test results to future use.

Consult a BASF representative for more information concerning additives or adjuvants.

No restriction on livestock grazing or feeding.

For aerial application to pome fruit trees, use no less than 10 gallons of spray solution per acre.

Resistance Management. To limit the potential for development of resistance, **DO NOT** exceed the maximum limits in the table above.

DO NOT make more than two (2) sequential applications of **Merivon** before alternating to a labeled **non-Group 7** or **non-Group 11** fungicide.

*Not registered for use in California.

Crop-specific Requirements *(continued)*

Crop	Target Disease	Product Use Rate per Application (fl ozs/A)	Maximum Number of Applications per Season	Maximum Product Rate per Year (fl ozs/A)	Minimum Time from Application to Harvest (PHI) (days)
Stone fruits Apricot Cherry (sweet and tart) Nectarine Peach Plum (all varieties) Prune	Alternaria leaf spot (<i>Alternaria</i> spp.) Anthracnose (<i>Colletotrichum</i> spp.) Blossom blight (<i>Monilinia</i> spp.) Blue mold (<i>Penicillium</i> spp.) Brown rot (<i>Monilinia</i> spp.) Gray mold (<i>Botrytis</i> spp.) Leaf spot (<i>Blumeriella jaapii</i>) Powdery mildew (<i>Sphaerotheca</i> spp., <i>Podosphaera</i> spp.) Ripe fruit rot (<i>Monilinia fruticola</i> , <i>Monilinia laxa</i> , <i>Botrytis cinerea</i> , <i>Rhizopus</i> spp.) Rust (<i>Tranzschelia discolor</i>) Scab (<i>Cladosporium carpophilum</i>) Shothole (<i>Wilsonomyces carpophilus</i>)	4 to 6.7	3	20.1	0

Application Directions. For optimal disease control, begin application of **Merivon® Xemium® Brand Fungicide** at pink bud or prior to the onset of disease development and continue on a 7 to 14 day interval. Use the shorter interval and/or the higher rate when disease pressure is high.

Use of Adjuvants and Other Products as Mixes with Merivon.

The use of adjuvants or additives may improve the performance of **Merivon** on stone fruits. However, under certain conditions, mixtures of **Merivon** with adjuvants, additives and/or other products may cause crop injury, particularly to fruit within two weeks of harvest. Caution should be exercised if **Merivon** is tank mixed with products formulated as emulsifiable concentrates (EC) or containing high amounts of solvents since injury may occur. Consult your local BASF representative for more information specific to your area.

(continued)

Crop-specific Requirements *(continued)*

Stone fruits *(continued)*

Up to Two Weeks Before Harvest

Merivon® Xemium® Brand Fungicide can be used with nonionic, organosilicone or **blended** MSO/OS (methylated seed oil/organosilicone) adjuvants.

DO NOT use **Merivon** with:

- Crop oil concentrate (COC), methylated seed oil (MSO) adjuvants.

Within Two Weeks of Harvest - Use on Cherries (See below for other Stone Fruit crops)

Merivon can only be used with nonionic adjuvants that **DO NOT** acidify and/or enhance penetration. **DO NOT** exceed 0.0625% (v/v) concentration when using these adjuvants.

DO NOT use **Merivon** with:

- Emulsifiable concentrate (EC) or solvent-based formulation products.
- Crop oil concentrate (COC), methylated seed oil (MSO), organosilicone (OS), MSO/OS blend adjuvants.
- Nonionic surfactant (NIS) adjuvant products that acidify or enhance plant penetration.

Within Two Weeks of Harvest - Use on Stone Fruit crops other than Cherries

DO NOT use **Merivon** with:

- Crop oil concentrate (COC), methylated seed oil (MSO), organosilicone (OS), MSO/OS blend adjuvants.

BASF has not tested all varieties and cultivars with all possible tank mix combinations and rates of additives or adjuvants. Local environmental conditions also influence crop tolerance and may not match those under which BASF has conducted testing. Physical incompatibility, reduced disease control, crop injury, or incompatibility due to additives, adjuvants or other products used in combination with **Merivon** may result from mixing **Merivon** with other products. Refer also to the **Conditions of Sale and Warranty** section of this label.

To minimize the likelihood of crop injury, BASF recommends testing **Merivon** in combination with other products for crop safety on a small portion of the crop. However, environmental variability precludes direct and consistent projection of small area test results to future use.

Consult a BASF representative for more information concerning additives or adjuvants.

For aerial application to stone fruit trees, use no less than 10 gallons of spray solution per acre.

Resistance Management. To limit the potential for development of resistance, **DO NOT** exceed the maximum limits in the table above.

DO NOT make more than two (2) sequential applications of **Merivon** before alternating to a labeled **non-Group 7** or **non-Group 11** fungicide.

Crop-specific Requirements *(continued)*

Crop	Target Disease	Product Use Rate per Application (fl ozs/A)	Maximum Number of Applications per Season	Maximum Product Rate per Year (fl ozs/A)	Minimum Time from Application to Harvest (PHI) (days)
Tree nuts crop group 14 Almond Beechnut Brazil nut Butternut Cashew Chestnut Chinquapin Filbert Hickory nut Macadamia nut Pecan Pistachio Walnut, black Walnut, English	Anthracnose <i>(Colletotrichum spp.)</i>	5 to 6.5	3	19.5	14
	Botrytis blossom and shoot blight <i>(Botrytis cinerea)</i> Brown rot/Blossom blight <i>(Monilinia spp.)</i> Eastern filbert blight* <i>(Anisogramma anomala)</i> Green fruit rot/Jacket rot <i>(Botrytis cinerea, Sclerotinia sclerotiorum, Monilinia laxa)</i> Leaf rust <i>(Tranzschelia discolor)</i> Panicle and shoot blight <i>(Botryosphaeria dothidea)</i> Scab <i>(Cladosporium carpophilum, C. caryigenum)</i> Shothole <i>(Wilsonomyces carpophilus)</i> <u>Suppression only</u> Hull rot <i>(Rhizopus stolonifer and Monilinia spp.)</i>	6.5			

Application Directions. For almond, begin applications of **Merivon® Xemium® Brand Fungicide** prior to the onset of disease development, and continue on a 7 to 14 day interval up to 14 days before harvest.

For filbert, begin applications at budswell to budbreak, or prior to infection and onset of disease development. Continue on a 7 to 14 day interval to cover and protect new growth.

For pecan, begin applications of **Merivon** prior to onset of disease development and continue on a 7 to 21 day interval for the control of scab. Use the shorter interval and/or the higher rate when disease pressure is high.

For pistachio, apply **Merivon** prior to onset of disease development and continue on a 10 to 30 day interval. Use the higher rate and shorter intervals when disease pressure is high.

For all other crops listed, apply **Merivon** prior to disease development and continue on a 7 to 28 day interval. In all cases use the shorter interval when shoot growth is rapid.

No restriction on livestock feeding of almond hulls.

For aerial application to tree nuts, **DO NOT** use less than 10 gallons of spray solution per acre.

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Crop-specific Requirements *(continued)*

Tree nuts crop group 14 *(continued)*

Resistance Management. To limit the potential for development of resistance, **DO NOT** exceed the maximum limits in the table above.

DO NOT make more than two (2) sequential applications of **Merivon® Xemium® Brand Fungicide** before alternating to a labeled **non-Group 7** or **non-Group 11** fungicide.

*Not registered for use in California.

Requirements:

1. For aerial applications to pome fruit, stone fruit, and tree nut orchards that have standing water due to a storm event(s).
2. Water must be standing and will not flow into state waterways where fish and wildlife are likely to be affected.
3. Applications are made in accordance with all other label directions.
4. The County Agricultural Commissioner must assure the required conditions are met.

Restrictions:

1. No fungicide application shall occur if:
 - a. Soil moisture is at field capacity and a storm event, forecasted by the National Oceanic and Atmospheric Administration (NOAA) or National Weather Service (NWS), is to occur within 48 hours following the application; or
 - b. A storm event likely to produce runoff from the treated area is forecasted by NOAA/NWS to occur within 48 hours following the application.
2. Applications are not allowed if water is flowing off the intended application site.
3. Standing water will not be pumped or removed from the orchard after the fungicide application.
4. Do not apply this product through any type of irrigation system.

The County Agricultural Commissioner's (or designee's) signature must be obtained prior to this use.

COUNTY AGRICULTURAL COMMISSIONER'S SIGNATURE

Date: _____

USER'S SIGNATURE

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

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