

Supplemental Labeling

Flint[®]

Fungicide

EPA Reg. No. 3125-559

This supplemental labeling contains additional or revised application information for use on Almonds, Cucurbit Vegetables, Fruiting Vegetables, and Grapes.

The labeling notification as accepted for registration follows.

This labeling must be in the possession of the user at time of pesticide application.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

USE DIRECTIONS FOR SPECIFIC CROPS

Flint provides control or suppression of several important diseases of almonds, cucurbit vegetables, fruiting vegetables, grapes, hops, and pome fruits. When reference is made to disease suppression, suppression can mean either erratic control from good to fair, or consistent control at a level below that obtained with the best commercial disease control products.

ALMONDS			
Disease Control	Rate Oz./Acre	Application Timing	Notes
Anthracnose (<i>Colletotrichum acutatum</i>) Shot hole (<i>Wilsonomyces carpophilum</i>) Scab (<i>Cladosporium carpophilum</i>)	3.0-4.0	Begin applications preventively and continue as needed on a 7 to 14-day interval.	Use the higher rates and shorter intervals when disease pressure is severe.
Disease Suppression	Rate Oz./Acre	Application Timing	Notes
Blossom Blight (<i>Monilinia spp.</i>)	2.0-3.0	Begin applications at pink bud stage (about 5% bloom). If conditions are favorable for disease development, apply again at full bloom and at petal fall, or on a 14-21 day spray schedule.	Use the higher rates and shorter intervals when disease pressure is severe.
Restrictions: Do not apply more than 12 oz. of Flint per acre per season. Do not apply Flint within 60 days of harvest or after hull-split. Do not exceed more than 3 total applications of Flint or other strobilurin fungicides per acre per season. To limit the potential for resistance to develop, do not apply more than 3 sequential applications of Flint or other strobilurin fungicides.			

CUCURBIT VEGETABLES: Chayote, Chinese Waxgourd, Citron Melon, Cucumber, Gherkin, Edible Gourds, Momordica spp., Muskmelon, Pumpkin, Summer Squash, Winter Squash, Watermelon.			
Disease Control	Rate Oz./Acre	Application Timing	Notes
Powdery Mildew (<i>Sphaerotheca fuliginea</i>) (<i>Erysiphe cichoracearum</i>)	1.5-2.0	Begin applications preventively when conditions are favorable for disease and continue as needed on a 7 to 14-day interval.	Use the higher rates and shorter intervals when disease pressure is severe.
Disease Suppression	Rate Oz./Acre	Application Timing	Notes
Downy Mildew (<i>Pseudoperonospora cubensis</i>)	4.0	Begin applications preventively when conditions are favorable for disease. Alternate applications of Flint with Ridomil Gold® Bravo® at the labeled rate and continue as needed on a 7 to 14-day interval.	Use the shorter intervals when disease pressure is severe.
<p>The crop safety of all potential tank mixes including additives and other pesticides on all crops has not been tested. Before applying any tank mixture not specifically recommended on this label, the safety to the target crop should be confirmed. To test for crop safety, apply Flint to the target crop in a small area and in accordance with label instructions for the target crop.</p> <p>Restrictions: Do not apply more than 8 oz. of Flint per acre per season. Flint may be applied up to the day of harvest (0-day preharvest interval). Do not exceed more than 4 total applications of Flint or other strobilurin fungicides per acre per season. To limit the potential for resistance to develop, do not apply more than one application of Flint or other strobilurin fungicides before alternating with a non-strobilurin fungicide.</p>			

FRUITING VEGETABLES: Eggplant, Groundcherry, Pepino, Peppers, Tomatillo, Tomatoes.			
Disease Control	Rate Oz./Acre	Application Timing	Notes
Peppers Only - Powdery Mildew (<i>Oidiopsis taurica</i>)	1.5-2.0	Begin applications preventively and continue as needed on a 7 to 10-day interval.	Use the higher rates and shorter intervals when disease pressure is severe.
Early Blight (<i>Alternaria solani</i>)	2.0-3.0	Begin applications preventively and continue as needed on a 7 to 10-day interval.	Use the higher rates and shorter intervals when disease pressure is severe.
Gray Leaf Spot (<i>Stemphyllium</i> spp.)	4.0	Begin applications preventively and continue as needed on a 7 to 10-day interval.	Use the shorter interval when disease pressure is severe.
Late Blight (<i>Phytophthora infestans</i>)	Flint WG tank mixture: 4.0	Begin applications preventively. Apply Flint WG in a tank mixture with 75% of the labeled rate of protectant fungicide registered for control of late blight making applications on a 7 to 10-day interval. Alternate Flint (every other application) with a protectant fungicide registered for use against late blight on a 7 to 10-day interval.	Use the shorter interval when disease pressure is severe.
Disease Suppression	Rate Oz./Acre	Application Timing	Notes
Anthraxnose (<i>Colletotrichum</i> spp.) Septoria leaf spot (<i>Septoria lycopersici</i>)	3.0-4.0	Begin applications preventively and continue as needed on a 7 to 10-day interval.	Use the higher rates and shorter interval when disease pressure is severe.
<p>The crop safety of all potential tank mixes including additives and other pesticides on all crops has not been tested. Before applying any tank mixture not specifically recommended on this label, the safety to the target crop should be confirmed. To test for crop safety, apply Flint to the target crop in a small area and in accordance with label instructions for the target crop.</p> <p>Restrictions: Do not apply more than 16 oz. of Flint per acre per season. Do not apply Flint within 3 days of harvest. Do not exceed more than 4 total applications of Flint or other strobilurin fungicides per acre per season. To limit the potential for resistance to develop, do not apply more than 3 sequential applications of Flint or other strobilurin fungicides (Flint must be tank mixed and alternated with a protectant fungicide for control of late blight).</p>			

GRAPES: Do not apply Flint to Concord grapes or crop injury may occur.			
Disease Control	Rate Oz./Acre	Application Timing	Notes
Powdery Mildew (<i>Uncinula necator</i>)	1.5	Begin applications preventively and continue as needed on a 14-day interval.	Use the shorter intervals and higher rates when disease pressure is severe. When used at 2 oz./A, Flint will provide suppression of Botrytis bunch rot (<i>Botrytis</i> spp).
	2.0	Begin applications preventively and continue as needed on a 14 to 21-day interval.	
Botrytis Bunch Rot (<i>Botrytis cinerea</i>)	3.0	Refer to timings listed above for grape powdery mildew. Research data shows a trend toward better control if fungicides are applied at bloom, preclose, and veraison. Continue on a 14 to 21 day schedule.	Use the shorter intervals when disease pressure is severe.
Phomopsis Cane and Leaf Spot (<i>Phomopsis viticola</i>)	3.0	Applications should begin at bud break and continue on a 14 to 21 day schedule and before 0.5 inch shoot length and again when shoots are 5 to 6 inches in length.	
Black Rot (<i>Guignardia bidwellii</i>)	2.0	Begin applications when shoots are 1-3 inches in length and continue as needed on a 10 to 14-day interval.	
Disease Suppression	Rate Oz./Acre	Application Timing	Notes
Botrytis Bunch Rot (<i>Botrytis cinerea</i>) Phomopsis Cane and Leaf Spot (<i>Phomopsis viticola</i>)	2.0	Refer to timings listed above for grape powdery mildew.	Use the shorter intervals when disease pressure is severe.
Downy Mildew (<i>Plasmopara viticola</i>)	4.0	Begin applications preventively when conditions are favorable for disease and continue on a 7 to 10-day interval as needed.	
Restrictions: Do not apply more than 8 oz. of Flint per acre per season. Do not apply Flint within 14 days of harvest. Do not apply more than 4 applications of Flint or other strobilurin fungicides to table or wine grapes per season. On grapes for all other uses, do not apply more than 3 applications of Flint or other strobilurin fungicides per season. To limit the potential for resistance to develop, do not apply more than 3 sequential applications of Flint or other strobilurin fungicides before alternating to a non-strobilurin fungicide.			

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FLSU01_029 031302

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