



FUNGICIDE

MASTERCOP®

Mastercop from ADAMA is a broad-spectrum fungicide that you know and trust and is OMRI Listed® for organic use.

What is Mastercop?

Mastercop is a 100% soluble, liquid copper sulfate pentahydrate fungicide for broad-spectrum protection and multi-site activity aimed at a wide variety of crops. It leverages a next-generation formulation technology called BioRetain™ which delivers a smaller copper particle. This means better, more uniform coverage of the copper ions and allows for a better uptake system, enhanced leaf adhesion and penetration, as well as retention within the leaf cuticle.

Benefits

- Broad-spectrum Disease Protection
- No Spotting or Burning of Crops
- OMRI Listed for Organic Use
- Less Environmental Impact

Best Application Practices

- Begin applications before or at first sign of disease and repeat as needed to maintain control but observe use limitations
- Can be applied as an aerial, ground-dilute or ground-concentrate spray unless complete coverage is essential to assure good product performance
- Required amount of product must be mixed with enough water to thoroughly cover the crop with spray mixture and be applied to the point of runoff
- Use the higher rates and shorter treatment intervals when conditions favor high disease pressure
- Use the higher rates for mature crop plants
- As varieties of stone fruit, pome fruits, grapes, and cucurbits differ in sensitivity to copper, always evaluate injury potential prior to treating orchard or field specifically directed otherwise in the specific crop use directions



Active Ingredient

Copper Sulfate Pentahydrate

Target Crops

Berries, Cucurbits, Grapes, Fruiting Vegetables, Onions, Pome, Potatoes, Tree Nuts

Target Pests

Anthraxnose, Bacterial Spot, Citrus Canker, Downy Mildew, Early Blight, Late Blight, Leaf Blight, Powdery Mildew and More





Mastercop[®]

What To Avoid Doing When Using Mastercop

When using or applying Mastercop, please:

- **Do Not** apply when wind speed favors drift beyond the area intended for treatment
- **Do Not** apply when wind exceeds 15 MPH at the application site
- **Do Not** spray this product if rain is coming soon
- **Do Not** apply during temperature inversions
- **Do Not** enter or allow worker entry into treated areas during the restricted entry interval of 48 hours
- **Do Not** apply this product in a way that will contact workers or other persons, either directly or through drift
- **Do Not** use carbon steel tanks for mixing; instead use plastic, bronze or stainless steel tanks
- **Do Not** connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label prescribed safety device for public water systems are in place
- **Do Not** release spray at a height greater than 10 ft. above the crop canopy, unless a greater application height is necessary for pilot safety
- **Do Not** contaminate water, food, or feed by storage or disposal

Resistance Management Guidelines

Mastercop is a Group M1 fungicide. Continual or repeated use in the same field over successive years as the primary disease control method can lead to acquired resistance to Group M1 fungicides.

Take the following steps to delay fungicide/bactericide resistance:

- Rotate the use of Mastercop or other Group M1 fungicides with other mode of actions with different groups that control the same pathogens
- Use tank mixtures from a different group that are equally effective on the target pest when such use is permitted
- Use at least the minimum application rate as labeled by the manufacturer
- Monitor treated fungal/bacterial populations for resistance development
- Adopt an integrated disease management program that utilizes scouting and includes historical information related to pesticide use, and crop rotation

OMRI Listed for organic use under the U.S. organic regulations

- Input producers can market their product to organic producers with confidence when it is OMRI Listed for organic use.
- Organic certifiers appreciate that OMRI Listed products have been checked for prohibited ingredients and the manufacturing process is allowed.
- Organic growers, processors and livestock producers know that OMRI Listed products only use ingredients and formulations that are allowed under the organic standards.

Always read and follow label directions. Data on file. OMRI Listed is registered trademark of the Organic Materials Review Institute. Mastercop is a registered trademark and BioRetain is a trademark of an ADAMA Group Company.

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