CUEVA®

COPPER FUNGICIDE



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Cueva's active ingredient is "copper octanoate", a copper-based fungicide and bactericide in which copper is combined with a naturally occurring fatty acid (octanoic acid) to form a copper soap. Classified as FRAC Group M1, it is a multi-site protectant fungicide that works by releasing copper ions that disrupt essential cellular processes in fungi and bacteria, including enzyme activity, protein production, and cell development. Cueva is used across a wide range of fruit, vegetable, ornamental, and field crops to manage diseases such as powdery mildew, downy mildew, bacterial blights, fire blight, scab, leaf spots, early blight, and late blight.

Key features and benefits of Cueva include its broad-spectrum activity, low risk of resistance development due to its multi-site mode of action, and reduced phytotoxicity compared to many traditional copper products. The fatty-acid soap formulation helps provide effective disease control while using lower amounts of copper, often resulting in less visible residue on crops and improved crop safety. Cueva is compatible with many integrated pest management (IPM) programs, can be used on a wide variety of crops, and provides preventative protection against both fungal and bacterial pathogens. It is also valued for its flexibility in conventional and organic production systems, helping growers protect crop quality, yield, and marketability throughout the growing season.

Active Ingredient:

Copper present as copper octanoate 1.8%

Key Crops:

Grapes, apples, vegetables, pome fruit, stone fruit, berries, potatoes, legumes

Key Targets:

Bacterial pathogens, early blight, late blight, septoria, powdery mildew

FRAC Group:

Group M1

Packaging Size:

2 x 10L, 200L, 1000L

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CROP	DISEASE	PHI	REI	RATE	ADDITIONAL INFORMATION
Blackberries, Blueberries, Raspberries	Bacterial blight	1 day	4hr.	0.5 - 2% solution in 470 - 940 L/ha of water	Apply at the start of flowering.
Currants, Gooseberries	Rust	1 day	4hr.	0.5 - 2% solution in 470 - 940 L/ha of water	Apply at the start of flowering.
Cranberries	Leaf & twig blight	1 day	4hr.	0.5 - 2% solution in 470 - 940 L/ha of water	Apply at the start of flowering.
Grapes	Powdery mildew, Downy mildew	1 day	4hr.	0.5 - 2% solution in 470 - 940 L/ha of water	Apply at the start of flowering. Refer to label for variety restrictions in grapes.
Strawberries	Powdery mildew	1 day	4hr.	0.5 - 2% solution in 470 - 940 L/ha of water	Apply at the start of flowering. For strawberries, spray 1 month after planting (or before flowering on established plants) and twice more at 7 day intervals
Pome Fruit	Fireblight, Scab	1 day	4hr.	0.5 - 2% solution in 470 - 940 L/ha of water	Do not exceed 1% use rate for varieties susceptible to russeting. Use 0.8% when fruit is present. Do not exceed 10 applications / yr. For fireblight control, apply in dormant period, during bloom, or in season cover spray applications.
Stone Fruit	Peach leaf curl, Bacterial spot, Coryneum blight, Bacterial canker, brown rot, Leaf & fruit spot	1 day	4hr.	0.5 - 2% solution in 470 - 940 L/ha of water	Peaches-do not exceed 5 applications / yr. In Nectarines- do not exceed 10 applications / yr. Refer to label for crop specific application details.
Fruiting Vegetables	Early & Late blight (tomatoes), Septoria leaf spot, Bacterial speck, Bacterial leaf spot, Bacterial canker	1 day	4hr.	0.5 - 2% solution in 470 - 940 L/ha of water	For field & greenhouse
Cucurbits	Powdery mildew, downy mildew, Alterniaria leaf blight, Anthracnose, Angular leaf spot, Bacterial wilt, Septoria leaf spot	1 day	4hr.	0.5 - 2% solution in 470 - 940 L/ha of water	For field & greenhouse
Brassica Leafy Vegetables	Black rot	1 day	4hr.	0.5 - 2% solution in 470 - 940 L/ha of water	For Brussels sprouts, do not exceed more than 10 applications / yr.
Potatoes	Early blight, Late blight, Septoria leaf spot	1 day	4hr.	0.5 - 2% solution in 470 - 940 L/ha of water	
Beets	Septoria leaf spot	1 day	4hr.	0.5 - 2% solution in 470 - 940 L/ha of water	
Bulb Vegetables	Downy mildew, Botrytis leaf blight, Soft rot	1 day	4hr.	0.5 - 2% solution in 470 - 940 L/ha of water	
Legumes	Ascochyta blight, Halo blight, Common blight, Brown spot, Powdery mildew, Rust	1 day	4hr.	0.5 - 2% solution in 470 - 940 L/ha of water	
Walnut	Bacterial blight	1 day	4hr.	0.5 - 2% solution in 470 - 940 L/ha of water	Use a 0.5% - 2% solution, applied at 470 – 940 L / ha. Re-apply using 5 – 10 day intervals.
Greenhouse & Ornamentals	Corynespora leaf spot, Powdery mildew, Rust, Fireblight, Bacterial blight, Coryneum blight, Black spot	1 day	4hr.	0.5 - 2% solution in 470 - 940 L/ha of water	May cause copper toxicity on some rose varieties. Copper toxicity appears as purple spots. For black spot, use a 1% solution. In damp cool conditions (below 18°C), phytotoxicity is likely to occur.

Always read and follow label directions.

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