



PIVOTAL
AGRO-SERVICES



Cuperdem®

A systemic copper solution for control of bacterial and fungal diseases as well as correction of copper deficiencies in various crops.

Trade Name: CUPERDEM
Active Ingredients: Water soluble organic copper 60g/l
Registration No: 19-B-2-86
Target crops & Pests: See Below Table

APPLICATION RATES AND RECOMMENDATIONS

Crop	Disease/Problem	Rate/100L of Water	Application
Apples Pears	Black Spot Powdery Mildew Scab	200-300 ml	Apply in 500-1000L of water per hectare at green tip and spur burst at 10 to 14-day intervals up to a maximum of 6 sprays per season.
Apricots Peaches Plums	Bacterial Canker Bacterial Spot Gum Spot	200-300 ml	Apply in 500-1000L of water per hectare at 75% leaf drop and at bud movement. Repeat at 14-day intervals if necessary up to a maximum of 6 sprays per season.
Avocado	Anthraxnose Fruit Spot Phytophthora	200-300 ml	Apply at 14 to 28-day intervals from flowering to harvest. Use shorter intervals in prolonged wet weather up to a maximum of 6 sprays per season. Apply as stem paint at 1:1 mix with water for control of Phytophthora.
Banana	Sigatoka Leaf Spot	200-300 ml	Apply as a full cover spray at 10 to 14-day intervals. Repeat as necessary up to a maximum of 6 sprays per season.
Blue Berries Strawberries	Bacterial Blight	200-300 ml	Apply in 500-1000L of water per hectare before rains and repeat at 50% leaf fall and thereafter at 14-day intervals up to a maximum of 5 sprays per season.
Brassicas Celery	Downy Mildew Leaf spot Early Blight	200-300 ml	Spray seedlings in 200-300L of water per hectare at 7-day intervals up to a maximum of 3 sprays. Apply to transplanted crops in 300-500L of water at 10 to 14-day intervals up to a maximum of 5 sprays per season.
Citrus Mango	Citrus Black spot Anthraxnose	150-200 ml	Apply in 500-1000L of water per hectare at 75% petal drop. Repeat at 21 to 28-day intervals up to a maximum of 6 sprays per season.

Cucumbers Pumpkins Melons Squash	Anthrachnose Alternaria Bacterial wilt Downy mildew	200-400 ml	Apply in 300-500L of water per hectare as a full cover spray at 10 to 14-day intervals up to a maximum of 6 sprays per season.
Coffee	Berry Blotch Leaf Spot Rust	200-300 ml	Apply in 500-1000L of water per hectare at 21 to 30-day intervals or 14-day intervals under heavy disease pressure. Apply a maximum of 6 sprays per season
Grapes Granadilla	Downy mildew Powdery mildew Leaf & fruit spot	200-300 ml	Apply in 500-1000L of water per hectare at pre-bloom and post-bloom at 14-day intervals up to a maximum of 6 sprays per season.
Chillies Paprika Peppers	Alternaria Cercospora Powdery mildew	200-300 ml	Apply as a full cover spray in 300-500L of water per hectare and repeat at 7 to 10-day intervals up to a maximum of 6 sprays per season.
Macadamia	Botrytis Husk Spot Phytophthora	150-200 ml	Apply as a full cover spray in 1000L of water per hectare at beginning of flowering. Repeat at 14-day intervals up to a maximum of 3 sprays per season. Apply as stem paint at 1:1 mix with water for control of Phytophthora.
Ornamentals Carnations Roses	Fire Blight Leaf Spot Rust	200-300 ml	Apply in 500-1000L of water per hectare during blooming and in summer up to 6 sprays per season. Rotate with fungicides with a different mode of action if more than 6 applications are required per season.
Onions	Downy mildew	200-300 ml	Apply in 300-500L of water per hectare at 14-day intervals up to a maximum of 6 sprays per season. Rotate with fungicides with a different mode of action to manage resistance.
Peas	Ascochyta, Scab Downy mildew Powdery Mildew	200-300 ml	Apply in 300-500L of water per hectare as a full cover spray at 21-day intervals up to a maximum of 6 sprays per season in rotation with fungicides with a different mode of action.
Potatoes	Early Blight Late Blight	200-300 ml	Apply as a preventative spray before the onset of the disease at 14-day intervals up to a maximum of 6 sprays per season in rotation with fungicides with a different mode of action.
Tea	Copper deficiency Red Rust	200-300 ml	Apply as a mist spray in 30-50L of water per hectare at 14 to 21-day intervals during the harvesting period up to a maximum of 4 sprays per season.
Tomatoes	Bacterial canker Early Blight Late Blight Leaf Spot	200-300 ml	Apply as a preventative spray in 300-500L of water per hectare before onset of diseases at 7 to 10-day intervals up to a maximum of 6 sprays per season. Alternate with fungicides with a different mode of action to manage resistance.
Sugar beans	Bacterial Blight Brown Spot Botrytis, Rust Halo Blight	200-300 ml	Apply as a full cover spray in 300-500L of water per hectare before onset of the diseases at 10 to 14-day intervals up to a maximum of 4 sprays per season.

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