



# Copper oxychloride

Copper oxychloride is one of the most important broad-spectrum fungicides offering traditional, low-cost disease control. In several countries it has approval for organic farming. The Copper-deposits must be on the crop before the fungal spores begin to germinate, because during germination the Copper-ion is accumulated until a sufficiently high concentration kills the spore. Sprouts can also be suppressed.



- Action:**
- systemic
  - protective and curative
- FRAC classification:** M
- CAS No.:** 1332-40-7
- Technical grade:** min. 57 % Cu
- Formulations:** 50 Cu WP
- Packaging<sup>1</sup>:**
- 25 kg bags (tech.)
  - 25 kg bags (form. WP)

Crops	Diseases	Dose rate <sup>2</sup> g a.i./ha
Apple	Scab ( <i>Venturia inequalis</i> )	1500 – 3000
Citrus	Anthraxnose ( <i>Colletotrichum gloeosporioides</i> ), Black spot ( <i>Phoma citricarpa</i> ), Gummosis ( <i>Phytophthora parasitica</i> ), Leaf spot, Black rot ( <i>Alternaria citri</i> ), Melanose, stem end rot ( <i>Phomopsis citri</i> , <i>Diaporthe citri</i> )	1500 – 2000
Coffee	Rust ( <i>Hemileia vastatrix</i> ) Coffee berry disease ( <i>Colletotrichum coffeanum</i> ) Brown eye spot ( <i>Cercospora coffeicola</i> ), Mealy pod disease ( <i>Trachysphaera fructigena</i> ), Eye spot, Leaf spot	1500 – 4000
Grapes	Anthraxnose ( <i>Gloeosporium ampelophagum</i> ), Downy mildew ( <i>Plasmopora viticola</i> )	2000
Ornamentals	Downy mildew ( <i>Peronospora sparsa</i> ), Leaf spots & blights ( <i>Septoria</i> spp.), Rusts ( <i>Phragmidium mucronatum</i> , <i>Puccinia</i> spp.), Grey mould ( <i>Botrytis</i> spp.)	2000
Potato, Tomato	Early blight ( <i>Alternaria solani</i> ), Late blight ( <i>Phytophthora infestans</i> ), Tomato leaf spot ( <i>Septoria lycopersici</i> )	2500 – 3000
Tobacco	Brown spot ( <i>Alternaria longipes</i> ), Tobacco blight ( <i>Phytophthora parasitica</i> ), Wild fire ( <i>Pseudomonas tabaci</i> ), <i>Cercospora nicotianae</i>	2500 – 3000
Vegetables	Downy mildew ( <i>Peronospora</i> spp.), Leaf spots ( <i>Alternaria brassicae</i> ), Rusts ( <i>Puccinia</i> spp., <i>Uromyces fabae</i> )	2500 – 3000

<sup>1</sup>upon request we provide customized packaging

<sup>2</sup>always follow national label recommendations