



# CUPRABLAUZ

Less copper, more efficiency!

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## Special features that make it competitive:

- Broad spectrum fungicide
- Bactericidal action
- Long – term resistance
- Does not affect population of beneficial organisms under normal field conditions
- Beneficial side effects – improved maturation of annual grapevine wood and improved grape berry skin hardening which minimizes the risk of infection, that results in grape decay.
- Highly recommended for conventional, integrated and organic farming pest control

Formulation: Wettable Powder (WP), green to bluis green

Contains: 350 g / kg Copper (Cu)

## Use

Cuprablau Z is a preventive contact fungicide used to control diseases of most important agricultural crops such as apples, grapevines, potatoes, tomatoes,...

## Spectrum of activity

Cuprablau Z is a fungicide used to control the following diseases:

### Vineyards:

#### Downy mildew

(*Plasmopara viticola*)

- recommended concentration is 0.3 %.

At the same time it controls **rot breunner** (*Pseudopeziza tracheiphila*) and **black rot** (*Guignardia bidwellii*).

### Field crops and garden vegetables:

#### Potato and tomato blight

(*Phytophthora infestans*)

- recommended dose is between 3 to 4 kg/ha. At the same time it controls tomato leaf and glume spots (*Alternaria solani*).

### Orchards:

#### Apple and pear scab

(*Venturia spp.*);

**apple canker** (*Nectria galligena*);

**collar rot** (*Phytophthora cactorum*) and

**bacterial disease called fireblight**

(*Erwinia amylovora*).

**Recommended treatment:**

first pre-spring spray in A - C

phenophase with recommended concentration of 0.8 %; second spray in C<sub>3</sub> with recommended concentration of 0.25 %.

#### Pear Fire blight

(*Erwinia amylovora*)

**Recommended treatment:**

in order to achieve best results, sprayings should be done in 7 - day intervals with recommended concentration of 0.06 %, when trees are starting to blossom and until they reach full blossom.

#### Shot hole on drupes

(*Stigmina carpophila*)

- recommended concentration is 0.8 %.

**Recommended treatment:** With spraying we start just before blossom with phenophase E2, in 3-5 days intervals, optimal condition for spraying is before rain, with spraying we continue on till the end of blossom, recommended concentration 0.06 %, or max. 0.9 kg/ha.

**Peach leaf-curl** (*Taphrina deformans*), (*Taphrina pruni*)

- recommended concentration is 0.8 %.

**Recommended treatment:**

first spray can be done in autumn, after the trees have lost their foliage, or twice in winter - no later than during the bud swelling phase, which minimizes potential occurrence of shot holes and partly of peach scab.

#### Peacock spot on olive

(*Spilocaea oleagina*)

- recommended concentration is 0.3 %.

**Recommended treatment:**

early spring spray - before the trees start to blossom.

### Hop:

#### Downy mildew

(*Pseudoperonospora humuli*)

- recommended concentration is between 0.25 % and 0.30 %.

**Recommended treatment:**

before the blooming phase, based on prognostic service instructions; compulsory spray has to be done at the beginning of the blooming phase and before the blooming phase is finished; if done after the blooming phase, special prognostic service instructions have to be followed.



**Apple and pear scab** (*Venturia spp.*)



**Downy mildew** (*Plasmopara viticola*)

(*Taphrina pruni*)

**Peach leaf-curl**  
(*Taphrina deformans*)



**Rot brenner**  
(*Pseudopeziza tracheiphila*)

**Black rot**  
(*Guignardia bidwellii*)

**Pear Fire blight** (*Erwinia amylovora*)



**Potato and tomato blight** (*Phytophthora infestans*)

**Shot hole on drupes** (*Stigmina carpophila*)



**Collar rot**  
(*Phytophthora cactorum*)

**Apple canker** (*Nectria galligena*)

**Peacock spot on olive**  
(*Spilocaea oleagina*)

**Downy mildew**  
(*Pseudoperonospora humuli*)

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## Pre – harvest interval

14 days for hop, potato and tomato (outdoor and in the greenhouse), 28 days for grapevine, for orchards is ensured with the time of use.

## Compatibility

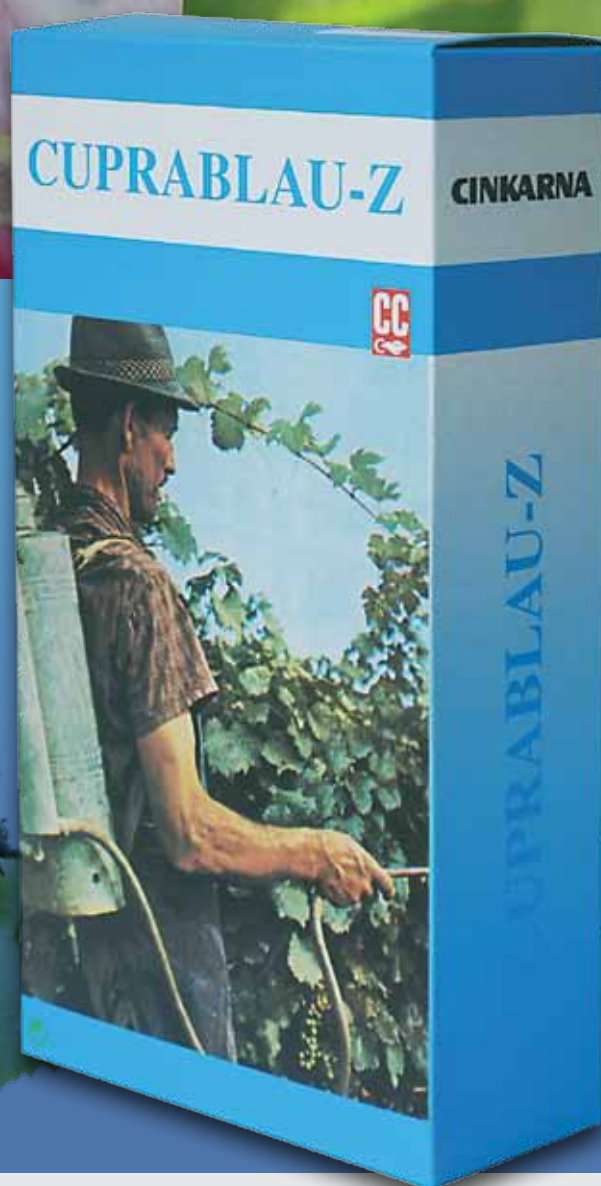
Cuprablau Z is compatible with most commonly used fungicides and insecticides. However, the fungicide cannot be mixed with pesticides that cause acid reaction.

## Phyto - toxicity

When used in recommended doses at recommended times Cuprablau Z does not cause any burns or phyto – toxicity on the crops.

## Environment protection

When used, we have to make sure that it does not contaminate waterways, lakes, wells and water sources by spraying the area which is at least 20 metres away from them.



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