

# NU-COP<sup>®</sup> HB

**UNIQUE HIGH BIOAVAILABLE (HIBIO™) FORMULATION THAT PROVIDES SUPERIOR SUSPENSIBILITY WHILE DELIVERING PERFORMANCE AT USE RATES THAT ARE LOWER THAN TRADITIONAL COPPER PRODUCTS**



On most crops, sprays can be applied with conventional dilute sprays in aerial application unless specifically prohibited on the label. Recommended use rates are generally stated in lbs. of NU-COP<sup>®</sup> HB per acre sprayed. When using each type of sprayer, follow that equipment manufacturer's recommendation, or that of the State Extension Service for the volume of spray water per acre on each crop. Mix the recommended lbs. of NU-COP HB for each crop in sufficient spray water for thorough coverage of the crop to be sprayed.

## PRODUCT FEATURES

- Powered by proprietary high bioavailable (HiBIO™) technology that improves coverage of the product by creating a smaller, consistent particle size to create a slow-release copper ion (Cu+2).
- Among the highest levels of bioavailable copper ions for excellent disease control.
- Highly effective, low-dust copper formulation that has a high metallic copper content and provides superior rainfastness.
- Use rate is 50% of traditional copper DF formulations, resulting in more acres treated per bag.
- OMRI listed and can be used in organic production systems.

### ACTIVE INGREDIENT

Copper hydroxide  
(50% metallic copper per pound)

### FRAC GROUP

M1

### FORMULATION

Dispersible granule

### REI

48 hours

### COMPARE TO

Kocide<sup>®</sup> 2000, Kocide<sup>®</sup> 3000

### MODE OF ACTION

Multi-site contact activity

### SIGNAL WORD

Danger

### RESTRICTED USE

No

### PACKAGING

10 lb

### EPA REG NUMBER

42750-132 | AD010313/102413

See label for complete application guidelines and restrictions.



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## FREQUENTLY ASKED QUESTIONS

How should I use NU-COP HB almonds and walnuts for best results?

Disease	Application rate	Minimum days retreatment interval	Notes
<b>Dormant to pink bud season</b> Bacterial blast Coryneum blight	4.0-8.0 lb/A	7	Apply at dormant to early pink bud. For blast control in sprinkler-irrigated orchards or where disease is severe, apply 2-4 sprays at 1.0-3.0 lb/A at two-week post-bloom intervals or just before sprinkling. Slight leaf injury may occur from post-bloom sprays.
<b>Bloom/growing season</b> Coryneum blight Blossom brown rot	3.0 lb/A	5	Use during the early bloom stage (popcorn). A second application in late dormant before foliage buds swell may be necessary when frequent rainfall occurs. To avoid plant injury, do not use after full bloom.
<b>Walnuts</b>			
Walnut blight	4.0-6.3 lb/A	7	Apply first spray at early pre-bloom when catkins are partially expanded. Make three additional applications during bloom and early nutlet stages on 7-10 day intervals. Additional applications may be required when frequent rainfall occurs. Thorough coverage of catkins, leaves and nutlets is essential for effective control. When applied as a dilute spray, 1 pint of summer oil emulsion may be added per 100 gallons of spray. Note that adequate control may not be obtained when copper tolerant species of <i>Xanthomonas</i> bacteria are present.

### Is NU-COP HB effective against powdery mildew and downy mildew on grapes?

- Yes. When applied at late dormant up to bud break, NU-COP HB is effective against powdery mildew, downy mildew, and against black rot and *Phomopsis*. Apply at 1-3 lbs/A on a minimum of three days retreatment interval. Subsequent applications may be made throughout the season, depending on disease severity. Foliage injury may occur on copper-sensitive varieties, such as Concord, Delaware, Niagara and Rosettes. Either test for sensitivity or add 1-3 lbs of hydrated lime per pound of NU-COP HB.



◀ See label for complete application guidelines and restrictions.

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