



# Copper 53 Fungicide

NET WEIGHT 50 LBS.

Active Ingredient	By Wt.
Copper expressed as metallic (in form of Basic Cupric Sulfate)	53%
Inert Ingredients	47%

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL CAUTIONS, WARNINGS AND DIRECTIONS; AND IN CONFORMITY WITH FEDERAL AND STATE REGULATIONS.

BURN BAG IMMEDIATELY WHEN EMPTY. STAY OUT OF SMOKE.

### DIRECTIONS

USE INDICATED AMOUNT OF ORTHO COPPER 53 FUNGICIDE IN 100 GALLONS OF WATER.

**POTATOES, TOMATOES (Early and Late Blight)**—4 lbs. Apply before disease is expected to appear. Repeat at 7-day intervals as necessary for control.

**CELERY:** Septoria (Late Blight) and Cercospora Leafspot (Early Blight)—4 pounds. Apply every 10 to 14-days from time celery is 6 inches high to cutting. Spray more frequently during foggy or rainy periods.

**CUCURBITS (Cantaloupes, Cucumbers, Watermelons):** Downy Mildew, Leafspot and Anthracnose—4 pounds. Apply at 7 to 10-day intervals as necessary for control.

**SUGAR BEETS, CARROTS:** Leaf Spot—4 pounds ORTHO Copper 53 Fungicide and 2 pounds hydrated lime. Apply at 7 to 10-day intervals as necessary for control.

**GRAPES:** Black Rot and Downy Mildew—2 to 3 pounds ORTHO Copper 53 Fungicide and 2 to 4 pounds hydrated lime. For early cover sprays, add 3 quarts ORTHOL-K Flowable Medium or ORTHOL-D Soluble Superior Oil Spray.

**APPLES:** (Apple Scab Control in the delayed dormant spray) — 1 pound ORTHO Copper 53 Fungicide with 2



READ THE LABEL

KEEP OUT OF REACH OF CHILDREN

**CAUTION:** Harmful if swallowed. Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption

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pounds hydrated lime. This is generally combined with an oil emulsion such as ORTHOL-D Soluble Superior Oil Spray, for the control of Red Mites, Scale and certain other insects.

**CHERRIES:** Leafspot—After harvest spray (immediately after fruit is harvested)—2 to 3 lbs. ORTHO Copper 53 Fungicide and 4 pounds hydrated lime. The addition of from 1 pint to 1 quart of a summer oil such as ORTHOL-K Flowable Medium or ORTHOL-D Soluble Superior Oil Spray, or a spreader-adhesive such as ORTHO Liquid Spreader Adhesive, is suggested for better depositing and sticking.

**CITRUS:** Scab—1½ pounds. Apply in dormant spray before any spring growth occurs and again in the post-bloom spray when ¾ of petals have fallen. Melanose, Greasy Spot—1½ pounds. Apply in post-bloom spray 1 to 3 weeks after petal fall. During very wet springs or in the event of scattered bloom, a second application should be made 4 weeks later.

**STRAWBERRIES:** (Anthracnose—Pre-blossom spray)—2 to 3 pounds ORTHO Copper 53 Fungicide and 2 to 3 pounds hydrated lime. For after-harvest sprays—3 pounds ORTHO Copper 53 Fungicide and 6 pounds hydrated lime.

**PEACHES:** Peach Leaf Curl (Apply as a dormant spray)—3 to 4 pounds. This may be combined with a suitable oil emulsion for scale and red mite control if desired.

**WALNUTS:** Blight—4 to 5 lbs. per 100 gals. water. 2 treatments. First in late pre-bloom, just before the majority of the flowers come into full bloom and second, in post-bloom period when plumules at tips of nutlets are withering. Where aphids are a problem, add 5 lbs. ORTHO BHC 10 Wettable. Repeat applications for blight control 3 or 4 times during growing season if necessary.

ORTHO Copper 53 Fungicide may be used on any crop that will tolerate Bordeaux Mixture by using ½ as much ORTHO Copper 53 Fungicide as the recommended amount of Copper Sulfate in the Bordeaux Mixture. The addition of ½ pound ORTHO Dry Spreader will assist greatly in obtaining good coverage and subsequent control of the diseases in question. Consult local authorities for proper timing of sprays and follow a regular schedule of spray applications.

**NOTICE:** The statements made on this label, or by any of our agents concerning this material, are given for information only. They are believed to be true and accurate, but because conditions of use which are of critical importance are beyond its control, California Chemical Company does not make, nor does it authorize any agent or representative to make, any warranty, guarantee or representation, express or implied, concerning this material, except that it conforms to the chemical description on the label. Neither California Chemical Company nor the seller shall be held responsible in any manner for any personal injury or property damage or other type of loss resulting to the buyer or to any person from the handling, storage or use of this material whether or not in accordance with directions. The buyer assumes all risk and liability resulting from such handling, storage or use and accepts and uses this material on these conditions.

## CALIFORNIA CHEMICAL COMPANY

ORTHO DIVISION — San Francisco, California

Product No. 1000

Made in U. S. A.

FORM E-642-1

USDA Reg. No. 239-5

Decatur	Ala.	Bakersfield	Calif.	Orange	Calif.	Santa Maria	Calif.
Troy	Ala.	Blythe	Calif.	Oxnard	Calif.	Thermal	Calif.
Casa Grande	Ariz.	Fresno	Calif.	Richmond	Calif.	Woodland	Calif.
Phoenix	Ariz.	Imperial	Calif.	Sacramento	Calif.	Whittier	Calif.
Yuma	Ariz.	Lindsay	Calif.	Salinas	Calif.	Yuba City	Calif.
Flow Bluff	Ark.	Modesto	Calif.	San Jose	Calif.	Lucerne	Calif.

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ACCEPTED

Feb 6, 1965

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FEDERAL BUREAU OF INVESTIGATION  
WASHINGTON, D.C. 20535  
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