

BORDEAUX MIXTURE

To prepare a Bordeaux Mixture of a strength equivalent to a 5-5-50, use the quantities of CHEMLINE Copper Sulphate, Hydrated Spray Lime and Water as suggested below:

AMOUNT OF INGREDIENTS

CHEMLINE Copper Sulphate	Hydrated Spray Line	Water	
2 teaspoons	3 teaspoons*	1 Quart	*Because of the low bulk density of the Hydrated Lime, a slight excess has been provided to insure a desirable excess of Lime in the resulting mixture.
3 tablespoons	5 tablespoons*	1 Gallon	
9 tablespoons	15 tablespoons	3 Gallons	
½ lb.	½ lb.	5 Gallons	
5 lbs.	5 lbs.	50 Gallons	

Pour approximately one-quarter of the water to be used into a suitable container. Add to this the required amounts of Hydrated Lime. Stir until solution is smooth. Pour one-half of the remaining water into the container and add the Copper Sulphate Powder (if Copper Sulphate Crystal is to be used it should first be dissolved in a small quantity of warm water, see caution below). Stir until thoroughly mixed, then add the balance of water.

CAUTION: Copper Sulphate solutions are highly corrosive to metals and the use of glass containers is suggested.

Chemline
COPPER SULFATE
 CRYSTALS
 NOT FOR MEDICINAL USE

WARNING: KEEP OUT OF REACH OF CHILDREN

DIRECTIONS:

CONTENTS: FIVE POUNDS

PACKAGED & DISTRIBUTED BY
American
 DRUG INDUSTRIES, INC.

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CHEMLINE

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DANG INDUSTRIES, INC.**

A 5-5-50 BORDEAUX MIXTURE IS RECOMMENDED FOR THE CONTROL OF:

BROWN ROT: Peaches, nectarines, plums. Spray in the early spring when trees are in the red bud to popcorn stage of bloom.

SHOT HOLE: Peaches, nectarines. Apply as a dormant spray from November 15 to December 15.

BACTERIAL, CANKER, BACTERIAL GUMMOSIS: Plums. Spray in late fall, November and December.

LEAF CURL: Peaches. Spray in early spring when trees are in the red bud to popcorn stage of bloom.

DEMATOPHORA ROOT ROT: Apples, oaks, walnuts, privets. Spray when infection is detected. Spray base and soil around infected trees.

EXANTHEMA: Apples, pears, plums. Spray foliage in early summer.

ANTHRACNOSE, CANE BLIGHT, LEAF CANE SPOT, LEAF RUST, ORANGE RUST: Blackberry, raspberry, loganberry, youngberry. Spray in late winter (February and March) just before the leaf opens.

DOWNY MILDEW: Cucurbits (melons, squashes, etc.). Spray when infection is detected. Repeat at 7 to 10 day intervals as needed.

LATE BLIGHT: Celery, carrots, potatoes. Spray 4 weeks after seeding and thereafter every 7-9 days for a total of at least 4-5 applications. For potatoes spray as soon as detected or just before time disease usually appears.

BACTERIAL WILT: Cucurbits (melons, squashes, etc.). Spray when plants are young. Repeat at 7-10 day intervals.

LEAF SPOT AND FRUIT ROT: Eggplant. Begin applications before disease appears and repeat at 7-14 day intervals as needed.

BORDEAUX PASTE

TO MAKE: Dissolve 1 pound of copper sulfate in 3 quarts of water, slake 1½ pounds of quick lime with 3 quarts of water and mix the two together.

After the infection has been cut away, disinfect wounds and allow to dry out (several days), then cover the wounds with the Bordeaux paste.

BACTERIAL GUMMOSIS AND CANKER: Cherries, peaches, plums.

CROWN GALL: Apples, cherries, peaches, pecans, plums, walnuts.

CROWN ROT, PHYTOPHTHORA CANKER, SOUR SAP: Peaches, walnuts.

MELAXAMA, BLACK SAP: Walnuts.

For conditions and other formulas applicable to Your locality, consult your state agricultural experiment station or State extension service authorities.

Chemical

Merck & Co. Inc. Drug Industries, Inc.