# BORDEAUX MIXTURE

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

## AMOUNT OF INGREDIENTS

	CHEMLINE Copper Sulphute 2 teaspoons	Hydrated Spray Line	Water	
2 :	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	
	<del></del>	15 tablespoons	3 Gallons	
74	⅓ 1b.	⅓ 1b.	5 Gallons	
	5 lbs.	5 lbs.	50 Gallons	

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

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

> DISTRIBUTED BY CHICAGO, ILLINOIS 60621 U S. A PACKAGED 6

U. S. D. A. REG. NO. 2105-ONE POUND

hemine

COPPER SULFATE GRANULAR

NOT FOR MEDICINAL USE Autive Ingredient Choper Sulfate

Pentahydiate inert ingredients

Copper Expressed as Metallic

25.2.

KEEP OUT OF REACH OF CHILDR WARNING

Harmful if swallowed. Avoid contact with eyes,

open cuts or sores

Control of Mildew, Brown Rot, Shot Hole. Bligh Crown Rot and Cankers. See instructions for use insid DIRECTIONS: To prepare Bordeaux Mixture

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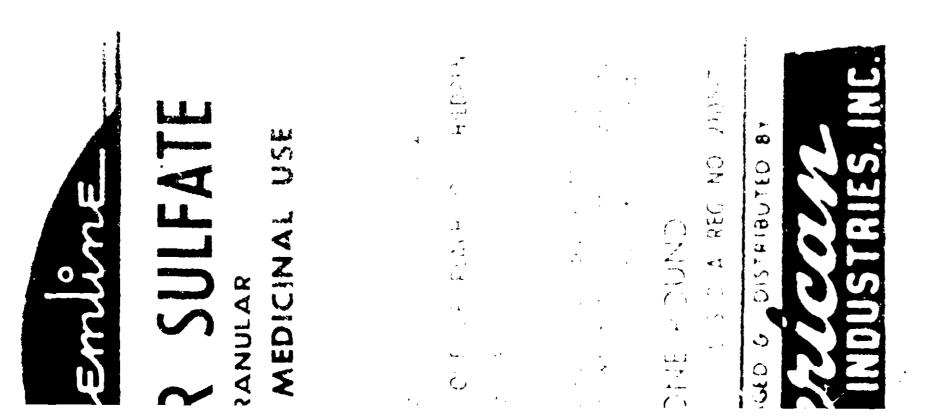
### BORDEAUX MIXTURE

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
3 tablespoons	5 tablespoons*	1 Gallon	Lime, a slight excess has
9 tablespoons	15 tablespoons	3 Gallons	been provided to insure a desirable excess of Lime
⅓ 1b.	⅓ lb.	5 Gallons	in the resulting mixture.
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.

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#### 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 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.

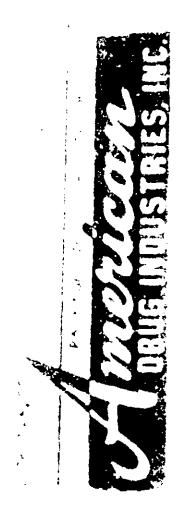
CROWN ROT, PHYTOPHTHORA CANKER, SOUR SAP: Peaches, walnuts.

MELAXIMA, BLACK SAP: Walnuts.

Your locality, consult your state agricultural experiment station of State extension service authorities.

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