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33955-97

OCT 29 1986

Mr. Ronald Wilson  
PBI/Gordon Corporation  
1217 West 12th Street  
P.O. Box 4090  
Kansas City, MO 64101

Dear Mr. Wilson:

Subject: Amendment - Revised Labeling  
Gordon's Bordeaux Mixture  
EPA Registration No. 2217-613  
Acme Bordeaux Mixture  
EPA Registration No. 33955-97 ✓  
Your Submission Dated October 9, 1986

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Make the following changes before releasing the products for shipment bearing amended labeling:
  - a. Add the statements: "Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse" to Hazards to Humans section.
  - b. Modify first aid for swallowing as follows:

If swallowed: Drink promptly a large quantity of milk, egg white, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. Note to Physician: Probable mucosal damage may contraindicate use of gastric lavage.

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- c. Delete reentry statements and use homeowner pesticide disposal statements for EPA Registration No. 2217-613. It appears that both products are intended for a residential market.
- 2. Submit one (1) copy of final printed labeling incorporating these changes.

A stamped copy of each label is enclosed for your records.

Sincerely yours,

Richard F. Mountfort  
Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division (TS-767C)

Enclosure

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For Disease Control on  
 EVERGREENS, SHRUBS, SHADE TREES,  
 PEONIES, FLOWERS, and FRUIT TREES.

ACTIVE INGREDIENT:	
Copper, expressed as metallic, (In the form of Bordeaux Mixture).....	13.3%
INERT INGREDIENTS .....	86.7%
TOTAL	100.0%

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**  
 See back panel for additional precautionary statements.

**NET WEIGHT THREE POUNDS**

*with comments:*  
 OCT 20 1988 *cf*  
 33955-97  
 EPA Reg. No.

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# ACME®

## BORDEAUX MIXTURE (8-8-100 IS SAME AS 4-4-50)

Dry Bordeaux Mixture is made from equal parts of Copper Sulfate and Lime. Eight pounds of this product, mixed with 50 gallons of water is equivalent to a 4-4-50 Bordeaux Mixture formula. This strength is sometimes referred to as 8-8-100.

Disease control is a matter of prevention. Application should be made beforehand or as soon as first signs of disease appear.

### SHAKE WELL BEFORE USING

#### MIXING TABLE:

Use level spoonfuls in measuring. 3 teaspoonsful equal 1 tablespoonful. Use higher dosage if can has been shaken to fluff the powder.

Amount of Spray Desired	Amount of Bordeaux Mixture Required	
	4-4-100	8-8-100
1 Pint	¾ to 1 tablespoon	1 to 1½ tablespoons
1 Quart	1½ to 1¾ tablespoons	2 to 3 tablespoons
1 Gallon	6 to 7 tablespoons	8 to 12 tablespoons
3 Gallons	1½ to 1¾ cupfuls	1½ to 2¼ cupfuls

#### PRECAUTIONARY STATEMENTS

##### Hazards to Humans and Domestic Animals

**DANGER:** Corrosive, causes eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed. May cause skin sensitization in certain individuals.

##### Statement of Practical Treatment:

**If in Eyes:** In case of eye contact immediately flush eyes with plenty of water for 15 minutes. Call a physician at once.

**If on Skin:** Wash promptly with soap and water. Rinse thoroughly. If irritation develops, get medical attention.

**If Swallowed:** Drink one or two glasses of water. Induce vomiting by touching back of throat with finger. Call a physician at once. DO NOT induce vomiting or give anything by mouth to an unconscious person.

##### Environmental Hazards

**Fish:** This pesticide is toxic to fish and aquatic organisms. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to fish and aquatic organisms in adjacent aquatic sites. Do not contaminate water by cleaning of equipment or disposal of wastes.

##### Endangered Species Restrictions

It is a violation of Federal Laws to use any pesticide in a manner that results in the death of an endangered species or adverse modification of their habitat.

The use of this product may pose a hazard to certain Federally designated endangered species known to occur in specific areas within the following counties:

<u>STATE</u> <u>SPECIES</u> <u>(BULLETIN NO.)</u>	<u>COUNTY</u>
California Solano Grass (EPA/ES-85-13)	Solano
Tennessee Slackwater Darter (EPA/ES-85-04)	Lawrence Wayne Hancock
Freshwater Mussels (EPA/ES-85-07)	Clairborne Hawkins Sullivan
Alabama Slackwater Darter (EPA/ES-85-05)	Lauderdale Limestone Madison
Virginia Freshwater Mussels (EPA/ES-85-06)	Grayson Smyth Scott Lee Washington

Before using this product in the above counties you must obtain the EPA Bulletin specific to your area. This Bulletin identifies areas within these counties where the use of the pesticide is prohibited, unless specified otherwise. The EPA Bulletin is available from either your County Agricultural Extension Agent, the Endangered Species Specialist in your State Wildlife Agency Headquarters, or the appropriate Regional office of the U.S. Fish and Wildlife Service. THIS BULLETIN MUST BE REVIEWED PRIOR TO PESTICIDE USE.

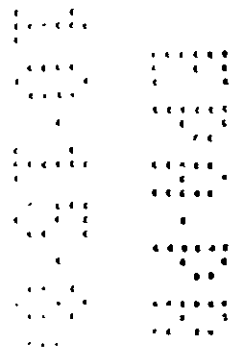
DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner / inconsistent with its labeling.

STORAGE : Store in original container in a locked storage area inaccessible to children or pets. /

PRODUCT DISPOSAL: To dispose of container with unused product, securely wrap in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse empty bag. Discard in trash.



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**DIRECTIONS:**

**APPLES:** To control late scab, black rot, bitter rot and blotch, use 8 TBS/gal. plus 8 TBS of hydrated lime. May russet certain varieties.

**PEARS:** Fire blight, use 4 TBS/gal. in full bloom. Do not add insecticides.

**APRICOTS, PLUMS, SOUR CHERRIES:** Brown rot and leaf spot, use 4 TBS per gallon plus equal amount of lime. Do not use on Japanese plums. Use at shuck split stage and in first and second cover sprays.

**PEACH:** Leaf curl, use 12 TBS/gal. in early spring. Repeat late fall after leaf drop.

**PECAN:** Scab, use 6 TBS/gal. when catkins show. Repeat 3 or 4 times at 3-week intervals. Spanish moss, use 12 TBS/gal. Spray during winter.

**GRAPES:** Black rot and mildew, use 6 TBS/gal. when shoots are 18 inches long. Repeat after bloom and 10 days later, again in mid-August.

**POTATOES:** Early and late blight, use 8 TBS/gal. Apply when plants are 3 to 4 inches high, maintain a 10 to 14-day schedule for entire season.

**STRAWBERRY:** Leaf spot, use 6 TBS/gal. at 10 to 14-day intervals, except during harvest. Final spray in late summer.

**CITRUS:** Lemon brown rot, grapefruit scab, melanose, use 6 TBS/gal. Spray just before spring flush. Repeat 1 to 3 weeks after bloom.

**TOMATO:** Early and late blight, Septoria leaf spot, use 6 TBS/gal. Repeat at 7 to 10-day intervals. Alternate with Zineb 75W if Anthracnose is a problem.

**SYCAMORES, LINDEN, MAPLE, OAK, TULIP TREE, ELM:** Control of Anthracnose, Leaf Spot and Elm Leaf Curl, use 8 TBS/gal. as leaves uncurl in spring. Repeat in 2 to 3 weeks.

**JUNIPER, CEDAR, CYPRESS, ARBORVITAE, SPRUCE, PINE, YEW:** For Needle Cast, Sphaeropsis blight, Twig blight, Coryneum blight, apply fall and spring using 8 TBS/gal. Spray Cedar and Junipers July-August for Cedar Apple Rust.

**IVY:** Leaf Spot, use 6 TBS/gal. in spring. Repeat in 14 days or at first sign of disease.

**LAUREL, LILAC, RHODODENDRON:** Leaf Spots and blight, use 4 TBS/gal. in early spring. Again after blooms.

**DOGWOOD, BOXWOOD, CAMELLIAS:** Dieback, Leaf Spot and Nectria Canker, use 8 TBS/gal. as growth starts in early spring.

**DAHLIAS, TULIPS, GLADIOLUS, LILIES AND IRIS:** For Leaf Spot and Botrytis blight (gray mold), use 6 TBS/gal. in early spring. Repeat in 7 to 10 days.

**PEONY:** Leaf Blotch, Botrytis blight (gray mold), use 6 TBS/gal. Spray before shoots are one foot tall, repeat in two weeks. If any sign of bud blast, spray again. Remove any wilted shoots by cutting below ground. Place in paper bag and burn. Remove old stalks and leaves in fall and burn—do not compost.

**DELPHINIUM, GERANIUM:** Leaf Spots, use 4 TBS/gal. Spray at first sign of disease.

**PALMS:** Anthracnose, Scab, Leaf Spot, use 6 TBS/gal. Spray at first sign of disease.

**NOTICE:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

E.P.A. REG. NO. 33955-97

E.P.A. EST. NO. 2217-KS-1

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