## OLD BRIDGE CHEMICALS, INC.

# \* Got BASIC COPPER SULFATE

· ACCEPTED 12 point Boy - Active Ingredient: Copper (in Basic Copper Comments) 50% Inert Ingredient 50% OCT 2 9 1982 Total 100% Under the Policy I be sticide. KEEP OUT OF REACH OF CHILDREN Tungfilde, and have a secondary enended, he would registered table r EPA Dec. Ro. 18 Aug . DANGER BNA **Kilograms** Net Contents

DE STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Court Bud Court Point I or 2 glasses of water and induce vomiting by touching back of throat with a finger. Do not induce vomiting or give anything by mouth to an unconscious person.

Do not push Bud Danger and I membra get in the description of the descrip

If splashed in eyes: Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.

If spilled on skin: Remove contaminated clothes and shoes and immediately wash skin with soap and plenty of water. If irritation developes, see a physician.

EPA	Registration #:
EPA	Est. # 46923-NJ-cl

2 Bond PRECAUTIONARY STATEMENTS

-Hazards to Humans & Domestic Animals

panger: Corrosive. Causes eye damage and irritation to the skin and mucous membrane. Fatal if swallowed. Do not get in eyes, on skin or on clothing. Do not breath dust or spray mist. Wear googles or face shield and rubber gloves when handling.

ENVIRONMENTAL HAZARDS

This product is hazardous to fish in not apply directly to water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

## 12 point - DIRECTIONS FOR USE

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

The Notice: Follow all directions carefully. Timing and methods of application, weather, crop conditions, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. Buyer assumes all risks of use, storage or handling of this material when not used in strict accordance with the directions given on this label.

Recommended Mixing Directions: Fill the spray tank about half full of water and with agitator running add the required amount of Basic Copper Sulfate. Add water to fill the tank to 3/4 full and when a spreader sticker is recommended, add the proper amount according to the manufacturer's recommendation. Fill the spray tank and keep agitator running until the spraying is completed.

#### Fruits and Nuts

Almonds Brown Rot and Shot Hole; conventional dilute spray; use 4 to 5 pounds in 100 gallons of water with 1 gallon sticker and apply 350 to 400 gallons per acre. Bud sprays for control of Brown Rot and Shot Hole should be applied at pink bud through popcorn stage. Do not spray after trees are in leaf. As a dormant spray for control of Shot Hole and Brown Rot, apply December 15 to January 15. Concentrate sprayers; use 9 to 12 pounds combined with 1 to 2 gallons sticker and apply as above in 25 to 50 gallons of water per acre. Use 12 pounds per acre through swelling buds and 9 pounds per acre in popcorn stage. Acrial spray in dormant season with 16 to 20 pounds per acre: in 20 gallons of water combined with a spreader sticker.

Apricots Brown Rot and Shot Hole; conventional dilute spray; use 4 to 5 pounds in 100 gallons of water combined with 4 to 15 gallons of sticker. As a dormant spray for control of Shot Hole apply November 15 to January 15. Bud sprays for control of Brown Rot should be applied through swelling buds and popcorn stage. Do not spray when trees are in leaf. Concentrate sprayers; use 10 to 12 pounds combined with 1 to 15 gallons sticker per acre and apply as above. Use 12 pounds per acre through swelling buds and reduce to 10 pounds in popcorn stage. When bud blight is a problem apply the maximum rate shown above after most leaves have fallen in the fall, usually November and December, but prior to fall rains.

Berries (Blackherries, Boysenberries, Dewberries, Loganberries, Raspberries) - Anthrachose: use 2 pounds per 100 gallons of water.

Begin spray when leaf buds begin to open. Repeat when flower buds show white and continue at 10 to 14 day intervals. Leaf and Cane Spot and Yellow Rust; in spring use 2 pounds per 100 gallons of water and apply when leaf buds begin to open and repeat when flower buds show white. Also postharvest spray after pruning, but before fall rains, using 6 pounds per 100 gallons of water combined with 1 to 15 gallons of sticker.

Cherries: Brown rot and Blossum Blight; use 4 to 5 pounds per 100 gallons of water plus 5 to 1 gallon spreader sticker. Apply at popcorn and late bloom stages. In late bloom spray add 5 pounds hydrate lime per 100 gallons spray. For Leaf Spot apply 4 to 5 pounds hydrated lime per 100 gallons applied at petal fall. For Shot Hole use 4 to 5 pounds per 100 gallons of water plus 5 to 1 gallon sticker and apply as a dormant spray.

Citrus: Brown Rot; use I pound per 100 gallons of water. Only in Florida use 2 pounds per 100 gallons of water. A spreader sticker may be used when local conditions require it. Apply at first indications of rain or first appearance of Brown Rot. Repeat as needed to protect during wet weather. For Melanose, Scab, Greasy Spot and Pink Pitting of grapefruit use 1% to 3 pounds per 100 gallons of water / by dilute spray. With acrial spray apply 10 to 26 pounds per acre diluted to the proper concentration with water as recommended for the specific type aprayer used. Do not use less than 10 gallons of spray per acre. For Scab control make two applications, one just before trees begin to flush and repeat at two-thirds petal fall. For Melanose control apply 1 - 3 weeks after petal fall. Repeat 4 weeks later if necessary. For Greasy Spot and Pink Pitting make a summer spray about July 15. Wettable sulfur may be included in sprays for Melanose and Seab. Caution: Do not use in areas where copper injury is known to have occured.

Grapes: Anthracnose, Black Rot, Downy Mildew: dilute spray; use 2 pounds to 100 gallons of water. Make first application when new growth is 5 inch long and repeat every 10 to 14 days. Commentate spray; use 4 to 5 pounds per acre in sufficient water from 2 coverage and apply as stated above.

Peaches and Nectarines; from Rot, Peach Blight (Shot Hole), Leaf Curl; dilute spray; use 4 to 5 pounds per 100 gallons of water plus 1 to 12 gallons sticker. Concentrate spray; use 12 to 16 pounds per acre plus 1 to 12 gallons sticker in 25 to 50 gallons of water per acre. As a dormant spray for Leaf Curl and Peach Blight, apply November 15 to December 15 prior to fall rains. Bud sprays for Brown Rot and Peach Blight should be applied before bud swell and in full pink bud stage. Do not apply after pink bud stage or after trees are in leaf as injury may occur. Note: to control Leaf Curl, application must be made before the foliage buds swell. Consult your State Agricultural Experiment Station. California only: For Blight and Leaf Curl centrol, 16 to 20 pounds in 20 gallons of water may be applied by aircraft per acre during the dormant season. For Bacterial diseases of peaches apply 3 pounds per 100 gallons of water plus sticker and apply during the dormant season.

Pears: Fire Blight: use & pound per 100 gallons of water. Apply 400.... gallons per acre to give 1 pound metallic copper per acre. Concentrate spray; use 2 pounds per acre in sufficient water for good coverage. ..... Apply at 10% blcom and repeat at 5 to 7 day intervals during bloom. ..... Do not use on D'Anjon, Comice or Seckel varieties.

Plums and Prunes: Brown Rot, Shot Hole; use 4 to 5 pounds plus 1 to 1½ gallons sticker per 100 gallons water. For Shot Hole control apply as a dormant in November or December before the advent of heavy rains. For Brown Rot control apply at early green bud and full popcorn stages. Concentrate spray, use 12 pounds plus 1 to 1½ gallons sticker in 25 to 50 gallons water and apply to one acre. California only: For aircraft spray to control Shot Hole and Brown Rot Blossum Blight apply 16 to 20 pounds plus sticker in 20 gallons of water and apply to one acre during dormant season.

Walnuts: Blight; use 4 to 5 pounds per 100 gallons of water. Treat twice, once in early problem and the second when 10 to 20 percent pistillate blooms are showing. Repeat applications for Blight control 3 or 4 times during growing season if necessary.

Strawberries: Leaf Spot; use 2 to 3 pounds per 100 gallons of water. Apply prebloom and postbloom.

CAUTION: Overspraying may cause injury to tender foliage of peaches, almonds, apricots and some Japanese plums.

#### Vegetables:

Mixing Indstructions: Mix recommended amount of Basic Copper Sulfate given for one acre in sufficient water for good coverage: With dilute ground sprayer, generally apply 100 to 150 gallons spray per acre. With concentrate sprayer generally apply 20 to 50 gallons spray per acre. With aerial sprayers, generally apply 5 to 10 gallons per acre, but do not apply less than 5 gallons spray mixture per acre. Consult manufacturer or specific sprayer for recommended volumes of water per acre.

Beans: (Green and dry)- Angular Leaf Spot, Anthracnose, Bacteria)
Blight, Downy Mildew: use 2 to 4 pounds per acre. Begin treatment
when plants are about 5 inches tall and repeat at 5 to 7 day intervals.

Beets: Downy Mildew, Leaf Blight, Leaf Spots: use 2 to 3 pounds per acre. Begin when disease first appears and repeat every 7 to 10 days.

Sugar Beets: Cercospora Leaf Spot; use 4 pounds per acre. Begin when disease first occurs and repeat every 7 to 10 days.

Broccoli, Cabbade, Cauliflower- Downy Mildew, Leaf Spots; use I to 3 pounds per acre. Begin when plants are above ground in plants bed or before disease normally appears. Repeat at 7 to 10 day intervalped in plant bed and field.

Carrots: Downy Mildew, Cercospora, Altenaria Leaf Blight; use 3 to 4 pounds per acre. Begin treatment when disease first appears and repeat at 7 to 10 day intervals.

Celery: Bacteria Blight, Early and Late Blight; use 3 to 4 pounds per acre. Treat every 7 days after emergence.

Cucurbits (Cantaloupes, Cucumbers, Melons, Pumpkins, Squash) -Angular Leaf Spot, Anthracnose, Aternaria Leaf Spot, Bacterial Wilt, Downy and Powdery Mildews, Gummy Stem Blight, Leaf Spot, Scab; use 2 pounds per acre. Begin treatment when plants begin to vine and repeat every 7 to 10 days. Since the disease is likely to be more serious in high plant populations (40,000 plus plants per acre) spray every 3 to 4 days to protect fruit at all stages of development. Note: A ground application of Basic Copper Sulfate after planting, but before emergence may help decrease infections of Angular Leaf Spot, Anthracnose and Aternaria Leaf Spot. Then follow above schedule after emergence. Note: Some Agricultural Experiment Stations may recommend equal amounts of hydrated lime when used on cucurbits. Lime when applied to cucurbits may cause dwarfing of plants and reduce fruit set due to increased transpiration and defloration under some conditions. Consult your local Experiment Station for specific recommendations.

Onion- Purple Blotch, Downy Mildew; use 3 to 4 pounds per acre. Begin when plants are 4 to 6 inches and repeat at 7 to 10 day intervals.

<u>Pepper-</u> Anthracnose, Bacterial Spot, Early Blight, Cercospora Leaf Spot, Downy Mildew; use 3 to 4 pounds per acre. Start sprays in seedbed and continue in field at 7 day intervals. Note: Disease control is critical during fruiting.

Potatoes- Farly and Late Blights; use 3 to 6 pounds per acre. Begin when plants emerge and repeat at 7 to 10 day intervals.

Peanuts- Cercospora Leaf Spot; use 2 to 3 bounds per acre. Repeat at 10 to 14 day intervals. Note: the addition of 2 pounds wettable or flowable sulfur in a tank mix will enhance leaf spot control. If dusting is preferred, use 7 pounds Basic Copper Sulfate with 93 pounds dusting sulfur and apply on 3 to 5 acres depending on plant size.

<u>Spinach</u>- Anthracnose, Cercospora Leaf Spot, Downy Mildew, White Rust; use 2 to 4 pounds per acre. Begin when disease first appears. Repeat at 7 to 10 day intervals.

Tomatoes- Anthracnose, Bacterial Spot, Bacterial Canker, Early and Late Blight, Leaf Mold, Nailhead Rust, Septoria and Stemphylium Leaf Spot; use 2 to 4 pounds per acre. Begin in seed bed-or field before disease appears. Repeat at 7 to 10 day intervals.....

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Pesticide, spray mixture, or rinse water that cannot be used according to label instruct it iens must be disposed of according I to applicable Federal, state, or local procedures.

Container disposal: Triple rinse and dispose of in an incinerator or landfill approved for pesticide containers, or bury in a safe place. Consult Federal, state or local disposal authorities for approved alternative procedures such as limited open burning.

## 12 Bud - MARRANTY

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

PRECALITIONARY STATEMENTS PUZZATES TO HAMANE AND DOMESTIC APPRICES

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## **ZINEB 75% W.P.**

FUNCICIDE :

**ACTIVE INGREDIENT** ZINEB (zinc ethylene bisditniocarbamate) 75 % (Metallic zinc equivalent 17.7%) INERT INGREDIENTS ..... 25% ..... 100% .. ... .

#### CAUTION KEEP OUT OF REACH OF CHILDREN

May tause irritation of nose, throat and akin. Do not breathe dust or spray mist, to case of prolonged or frequent use, wear clear, protective clothing and bathe after early exposure. In case of skin contact, waste with water, for eyes, wash copiously with water and get medical attention.

> EPA 9kg. No. 46391-EPA Est. No. 10107-NB1

HET CONTENTS 5 UBS. -0.265 KG (

Manufactured For POLICE ON Markston KS 66602