

BEST AVAILABLE COPY

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Harmful if swallowed. Avoid breathing dust or spray mist. Avoid contact with skin, eyes, and clothing. In case of contact, immediately flush eyes and skin with plenty of water. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from the areas treated. Do not apply where runoff is likely to occur. Apply this product only as specified on this label.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

57 AGE. Keep product dry in closed container. Do not use empty container. Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL. Completely empty bag into application equipment. The residue of empty bag in sanitary landfill or by incineration, or if allowed by state and local authorities by burning. If burned, stay out of smoke.

LACCO COPRO 53 is a dry copper material made to be used as a spray either by itself or in combination with a spreader or stickler. Do not apply as a dry powder. Fill spray tank $\frac{1}{2}$ full. Add required amount of spray adjuvant, then slowly add **LACCO COPRO 53** as the tank continues to fill.

To prevent curdling of spray solution due to hard water, a water softener should be added during mixing operations. Constant agitation during the spraying operation is necessary to maintain adequate suspension.

This product is compatible with most other insecticides and/or fungicides EXCEPT lime sulfur and dithiocarbamates. When used in combination with oil, observe the precautions on the oil label.

LACCO COPRO 53 is prepared for use against certain diseases of plants as listed below. Unless otherwise noted, dosages are given in pounds of this product per 100 gallons of water to be applied at full coverage sprays with conventional spray equipment. Maximum dosages refer to pounds of this product per acre per application. When rates are given as ranges, use lower rates when disease conditions are light to moderate and higher rates when conditions are severe.

FRUIT AND NUT CROPS

ALMONDS. Brown Rot - Apply 4 lbs. in pre-bloom and petal fall periods. Do not exceed 3 1/2 lbs. per acre. Shothole fungus - Apply 4 lbs. plus 2 gallons of an 80% dormant oil. Apply as fall spray in spring at bud swell and at petal fall.

California Only: To control Shothole Fungus apply 12 to 16 lbs. per acre as a dormant spray up to bud swell. To control Brown Rot and Shothole Fungus apply 12 to 16 lbs. per acre in pre-bloom and petal fall applications. Apply in a minimum of 40 gallons of water per acre by ground or 20 gallons of water per acre by air.

APPLES: Fire Blight - Apply 1/4 lb. at full bloom, petal fall and late secondary bloom. Do not exceed 3/4 lbs. per acre.

APRICOT: Brown Rot - Apply 4 to 4 1/2 lbs. at red bud, early bloom and again at full bloom. Shothole Fungus - As a fall spray, apply 4 to 4 1/2 lbs. from November 15 to December 15. Do not apply after petal fall during the growing season or exceed 30 lbs. per acre.

California Only: To control Shothole Fungus apply 12 lbs. plus 6 gallons of a dormant flowable oil emulsion in a minimum of 20 gallons of water per acre by ground or 10 gallons of water per acre by air. Use as a dormant spray up to bud swell.

BLACKBERRY, RASPBERRY: Leaf and Cane Spot, Yellow Rust - Apply 1-3/4 to 1-7/8 lbs. when new laterals leaf out and again when flowers begin to open. After harvest, prune and remove old fruit wood and before fall rains apply 3 1/4 to 3 3/4 lbs. Do not exceed 5 1/4 lbs. per acre.

BOYSENBERRY, LOGANBERRY: Leaf and Cane Spot - Apply 6 lbs. Apply when new laterals are leafing out, and repeat when flowers begin to open. A post harvest spray at 6 lbs. applied after pruning but prior to the fall rains is of benefit in controlling the above diseases. For all treatments do not apply more than 6 lbs. per acre.

CHERRY: Brown Rot, Leaf Spot - Apply 4 to 4 1/2 lbs. at pop corn, full bloom and again at petal fall. Do not apply after petal fall or exceed 25 lbs. per acre.

California Only: To control Brown Rot and Leaf Spot - Apply 7 1/2 lbs. in 20 gallons of water per acre by ground or 7 gallons of water per acre by air. Apply in pop corn, bloom and petal fall periods.

CITRUS: Brown Rot - Apply 1/4 to 1 1/4 lbs. as a directed spray applying 6 gallons per tree to the lower 3 to 4 feet of tree skirts and 2 to 4 gallons per tree to the trunk and soil or litter beneath the tree in November or December and again in January or February depending upon the amount of rain during this period. The addition of 1/4 to 1 1/4 lbs. of hydrated lime plus 4 oz. of sticker adjuvant may increase the effectiveness of this operation. Do not apply in areas where copper injury is known to occur or where fumigation with hydrogen cyanide gas is practiced.

GRAPE: Downy and Powdery Mildew, Black Rot - Use 3-1/8 lbs. plus 4 lbs. of hydrated lime in 12 1/2 gallons of water per acre. Spray thoroughly both upper and lower leaf surfaces. Begin when disease is first reported in the area and repeat at 7 to 10 day intervals or as required for effective control. For Black Rot control, apply when buds break and repeat when shoots are 10 inches long when blossoms fall and berries reach size of BB shot.

PEACHES, NECTARINES: Peach Leaf Curl, Peach Blight - As a fall spray, apply 4 to 4 1/2 lbs. from November 14 to December 15. If this application cannot be made, make application just before bud swell. Peach Blight, Brown Rot - Apply 4 to 4 1/2 lbs. at pink bud. Do not apply after pink bud during the growing season. Do not exceed 18 lbs. per acre on peach or 25 lbs. per acre on nectarines.

California Only: Peaches, Nectarines - To control Peach Blight and Leaf Curl use 12 to 16 lbs. in a minimum of 40 gallons of water per acre by ground or a minimum of 20 gallons of water per acre by air applications. Apply as a dormant spray up to bud swell.

EPA REG. NO. 962-291-AA
EPA EST. NO. 962-CA-1

Lacco
COPRO 53

ACTIVE INGREDIENT:

Copper Oxychloride Sulfate*

94.3%

INERT INGREDIENTS:

5.4%

Total 100.0%

*Equivalent to 53% copper metallic by wt. this product

KEEP OUT OF REACH OF CHILDREN
CAUTION

HARMFUL IF SWALLOWED. DO NOT SWALLOW OR INHALE.

See Additional precautions on side panel.

PRACTICAL TREATMENT: (First Aid)

IF SWALLOWED: Administer water freely and induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Professional medical assistance should be secured immediately.

IF ON SKIN: Rinse off material and wash skin with soap and water. Get medical attention if irritation persists.

IF IN EYES: Wash with plenty of water for at least 15 minutes. Get medical attention.

IF INHALED: Remove to fresh air. **IF NOT BREATHING:** give artificial respiration preferably mouth to mouth. Get medical attention. Never give anything by mouth to an unconscious person.

LOT NUMBER

20 lb. NET WEIGHT

PEAR: Fire Blight - Apply 1/4 lbs. at 10% bloom, repeat every 5 days until late bloom is over. If rain occurs during this period shorten intervals to 3 days. If rain is forecast, and no spray was applied within the last 72 hours, apply immediately. Do not apply to d'Anjou, or Comice varieties or exceed 1 1/8 lbs. per acre.

California Only: To control Pear Blight use 2 to 3 lbs. per acre in a minimum of 40 gallons of water per acre by ground or a minimum of 20 gallons of water per acre by air. Apply during bloom and other periods favorable to Blight infections.

PRUNES, PLUMS: Brown Rot - Apply 5-8 to 7-8 lbs. at pop corn and full bloom. Do not apply after petal fall or exceed 1 1/8 lbs. per acre.

California Only: Plums - Apply 6 lbs. in 40 gallons of water per acre by ground or in 10 gallons of water per acre by air. Apply in pre-blossom, blossom and petal fall periods.

WALNUT: Walnut Blight - Apply 2-3/8 to 4-3/4 lbs. at 1% pistillate bloom and again at 10% pistillate bloom. Do not exceed 45 lbs. per acre.

California Only: To control Walnut Blight apply 12 to 16 lbs. in sufficient water to cover one acre. By air, apply in a minimum of 20 gallons of water per acre. By ground, apply in a minimum of 40 gallons of water per acre. Apply in pre-bloom, bloom and post bloom periods.

FIELD AND ROW CROPS

For disease control on the following crops use 3 to 4 lbs. **LACCO (COPRO 53)** per acre (unless otherwise indicated) in 25 to 100 gallons of water per acre at 7 to 10 day intervals to protect new growth throughout the growing season.

BEANS: Downy Mildew and Pod Spot

BEETS: Blight, Leaf Spot - Apply 2 1/4 lbs. per acre. Begin before disease appears. Repeat at 7 to 14 day intervals during growing season.

BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER: Downy Mildew - Apply 3 1/2 lbs. in 100 gallons of water.

CILERY: Bacterial Blight, Early Blight (Cercospora), Late Blight (Septoria)

CARROTS: Leaf Blight, Leaf Spot

EGGPLANT, PEPPERS: Late Blight (Phytophthora)

HERBS: Downy Mildew - As a crown treatment for early Downy Mildew control apply in the early spring.

LETUCE: Downy Mildew

MELONS, CUCUMBERS, SQUASH: Angular Leaf Spot, Anthracnose, Downy Mildew, Leaf Blight, Scab and milds in combination with other diseases.

California Only: To control Downy Mildew use 3 to 4 lbs. in 50 to 100 gallons of water per acre. As a preventive use 7 lbs. in 5 gallons of water per acre. Apply when disease first appears and repeat at 7 to 10 day intervals to protect new growth throughout the growing season.

POTATOES: Early and Late Blight

SPINACH: Downy Mildew - Apply 1 water per acre uniformly when disease occurs.

STRAWBERRIES: Leaf Spot, Powder to 100 gallons of water. Apply thorough intervals during growing season.

SUGAR BEETS: Cercospora Leaf Spot - Apply in sufficient water to insure 15 day intervals from July 25 to at

TOBACCO: Wildfire Bed Rot - Apply plants are in 2-leaf stage repeat 1 to foliage and soil.

TOMATOES: Early and Late Blight, 4 lbs. if Late Blight infection is severe. 7 lbs. on large plants. For Bacterial Spot only use 5 to 6 lbs. per acre even leaves appear.

VEGETABLE SEEDLINGS: Damping-off, etc. - Use 4 lbs. in 100 gallons of water. Agitate while spraying intervals beginning when plants are surrounding soil lightly but thorough bag and related seedlings.

ORNAMENTS

AZALEAS: Bud Blight, Twig Blight - Use 4 lbs. in 100 gallons of water. Begin when disease Repeat at 7 to 10 day intervals or

FLOWERING PLANTS: DAHLIAS, Spots, NASTURTIUMS (Leaf Spots), Botrytis Blight, ROSES (Black Spot, Botrytis Blight) - Apply 2 1/4 lbs. per 100 gallons of water. Repeat at 7 to 10 day intervals or as required.

MAPLES: Tar, Leaf Spot (Rhytisma) (Gnomonia) - Apply 4 lbs. plus 100 gallons of water. Begin when disease area. Repeat at 7 to 10 day intervals or

PACHYANDRA: Canker, Leaf Spot - Apply 3 1/2 lbs. and 3 lbs. hydrated water. Begin when disease is first reported at 7 to 10 day intervals or as required.

VINCA: Canker, Dieback - Apply 4 water. Begin when disease is first reported at 7 to 10 day intervals or as required.

NOTICE: Recommendations for the use of this product are based upon information believed to be reliable. The use of this product by LOS ANGELES CHEMICAL COMPANY is not a warranty, nor is it a recommendation. It is made as to the results to be obtained if not used in accordance with the established safe and sound use. The user must assume all responsibility for results resulting from its misuse as such other products.

ACCEPTED

JUL 17 1985

Under the Federal Insecticide, Fungicide and Rodenticide Act, the use of this product is restricted to the use of this product registered under EPA Reg. No. 962-2

LOS ANGELES CHEMICAL COMPANY 4545 Ardine Street, South Gate, California 90280