

PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS - DANGER
 Keep out of hands of children. Do not use in or near
 growing crops, pastures, or animal feed.

DANGER - Irritant to eyes. May cause severe eye irritation. Avoid contact with eyes. If contact occurs, flush eyes with water for 15 minutes. Seek medical attention if irritation persists. Approved by the U.S. Dept. of Health under the provisions of FIFRA. Do not get on skin, eyes or clothing. Use water, soap and face shield or goggles when handling concentrate.

ENVIRONMENTAL HAZARDS
 This product is toxic to fish, birds and other wildlife. Birds feeding on treated crops may be killed. Keep out of lakes, streams, ponds, tidal marshes and other waters. Shrimp and crab may be killed if application rates recommended on this label. Do not apply where these are important resources. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective measures may be observed from your Cooperative Agricultural Extension Service.

Do not spray on tomatoes, onions, eggplants, cucumbers, or other plants which are highly susceptible.

Do not use in or near areas where food crops are raised.

PHYSICAL OR CHEMICAL HAZARDS
 Wash hands thoroughly after handling. Do not eat, drink or smoke while using this product. Do not breathe dust or fumes.

DIRECTIONS FOR USE
 Use in accordance with Federal Insecticide, Fungicide, and Rodenticide Act and any other applicable laws and regulations.

STORAGE AND DISPOSAL

1. **Precautions:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.
2. **Pesticide Disposal:** Pesticide spray, mist, or dust that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.
3. **Container Disposal:** Triple rinse or equivalent and offer for recycling, reuse, or disposal in approved landfill or bury in a safe place.
4. **General:** Consult Federal, State, or local regulations for approved alternative procedures.

F-380

ACCEPTED
MAR 31 1980
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 2935-284

[Wilbur-Ellis]
DIBROM® 8 SPRAY
 NALED INSECTICIDE

ACTIVE INGREDIENTS:
 *Naled
 Xylene Range Aromatic Solvent

INERT INGREDIENTS:
 *1,2-dibromo-2,2-dichloroethyl phosphate
 Contains 8 pounds technical NALED. Equivalent to 7.2 pounds NALED per gallon.
 EPA Reg. No. 2935-284-ZA Est. No. 2935-CA-1

By Wt.
 58%
 20%
 22%
 100%

KEEP OUT OF REACH OF CHILDREN
DANGER:

REFER TO SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

STATEMENT OF PRACTICAL TREATMENT
 In Case of Contact: Immediately remove contaminated clothing and flush skin with water. If swallowed, drink 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything to eat or drink. Get medical attention.
NOTE TO PHYSICIAN: Naled is a potent cholinesterase inhibitor. Atropine is antidotal. Atropine should be used in conjunction with atropine. If present in large quantities, and if stools or lavage is indicated, it should be performed cautiously.

NOTICE: The statements made on this label are intended to be true and accurate, but because of the many uses of this product, it is not possible to list every use. The user should refer to the label for the complete list of uses. The user should also refer to the label for the complete list of pests controlled by this product. The user should also refer to the label for the complete list of crops and plants on which this product may be used. The user should also refer to the label for the complete list of application rates and methods. The user should also refer to the label for the complete list of precautions and safety instructions. The user should also refer to the label for the complete list of storage and disposal instructions. The user should also refer to the label for the complete list of other information.

NOT FOR USE OR STORAGE IN OR AROUND HOME.
 [Wilbur-Ellis]

FRESNO • LOS ANGELES • GLENDALE, ARIZ. • PORTLAND • SEATTLE

USE DESIGNATED AMOUNT OF PRODUCT IN THE FOLLOWING PER ACRE UNLESS OTHERWISE NOTED:
GROUND APPLICATION - Vegetable & Field Crops - 30 to 3 to 20 gals. Deciduous Fruit Crops - 60 to 800 gals. (On Young Fruit Plantings - Use a maximum of 15 gals.) Where Recommended for AIR APPLICATION - Field Crops - A short residual contact insecticide for control of insect and mite present at the time of application.
 Begin application at first sign of insect. Repeat as needed within 4 days of harvest unless otherwise noted. Do not use alkaline materials such as lime or borax.
MIXING DIRECTIONS: Add to spray tank when 1/4 to 1/2 full and maintain agitation until spraying is completed.
ALFALFA: Grasshoppers - 1/4 pt per acre when crop is in bloom. Aphids, Leafhoppers, Leafhoppers, Lygus Bugs, Alfalfa Weevil - 1 pt per acre. ALFALFA (South Lygus, Mite Suppression) - 2 applications at 7-day intervals. Thrips - 1/2 pt with recommended chemicals for residual control. 80 gals. water per acre.
BEANS (Dry or Field), SOYBEANS, LIMA BEANS and PEAS: Leafhopper, Aphids, Spider Mites, Lygus, Leaf Miner, Green Spider Mite, Looper, NEMATODE, Leafhopper - 1 pt per acre. 100 gals. per acre is preferable. Large Loopers - 2 pt per acre in water to cover.
BROCCOLI, CABBAGE, CAULIFLOWER, BRUSSELS SPROUTS: Imported Cabbageworm, Diamond-back Caterpillars, Aphid Looper - 2 pts per acre. May be used 2 days before harvest. Apply to kale and collards within 4 days of harvest.
CORNEY: Aphids, Looper, Armyworms, Salt Marsh Caterpillar. Ground application only with fine mist spray - 1 pt per acre on plants less than 1/2 grown. On larger plants to 150 gals. water per acre.
COTTON: Lygus - 1/2 to 1 pt. per acre by air or ground. Loopers, Armyworms, Bollworms, Looper and Fall Webworm - 1 pt per acre by air or ground. Apply at 7 to 10 days before harvest. **FOR HEAVY POPULATION OF LISTED INSECTS -** by air or ground in control programs with other insecticides use on cotton.
CUCUMBERS, SUMMER SQUASH: Cucumber Beetle, Aphids, Thrips, Armyworms - 1 pt per acre in water to cover. Leaf Miners - 1 1/2 pts per acre in water to cover. 80 to 100 gals. water per acre. May be used up to harvest.
EGGPLANT, PEPPERS: Aphids, Spider Mites, Blister Beetle Miners, Whitefly - 1 pt per acre. May be used up to harvest.
GRAPES: Drosophila, Leafhoppers - 1/2 to 1/4 pt per acre. 210 gals. diluted spray per acre depending on size of vine. 100 gals. water on bunch varieties. **CAUTION:** Do not cause fruit russeting. Do not use on vines which occur. Do not enter vineyards for 24 hours following application within 1 day of harvest.

USE DESIGNATED AMOUNT OF PRODUCT IN THE FOLLOWING GALLONS WATER PER ACRE UNLESS OTHERWISE NOTED:

GROUND APPLICATION — Vegetable & Field Crops — 30 to 250 gals. Cotton — 3 to 20 gals. Deciduous Fruit Crops — 60 to 800 gals. Citrus — 400 to 3,000 (On Young Fruit Plantings — Use a minimum of 15 gals. water per acre.)
Where Recommended for AIR APPLICATION — Field Crops — 3 to 10 gals. A short residual contact insecticide for kill of insect and mite adults and larvae present at the time of application.

Begin application at first sign of insects. Repeat as necessary. Do not apply within 4 days of harvest unless otherwise noted. Do not use with highly alkaline materials such as lime or borax.

MIXING DIRECTIONS: Add to spray tank when 1/2 to 3/4 full with agitator running and maintain agitation until spraying is completed.

ALFALFA: Grasshoppers — 1/2 pt. per acre when crop is not more than 12" high. Aphids, Leafhoppers, Lygus bugs, Alfalfa Weevils, Armyworms — 1 pt. per acre. **ALFALFA (Seed):** Lygus, Mite Suppression (1 application). Mites (2 applications at 7-day intervals). Thrips — 1/2 pt. per acre. Combine with recommended chemicals for residual control. **By Air** — Use at least 10 gals. water per acre.

BEANS (Dry or Field), SOYBEANS, LIMA BEANS and PEAS for Processing: Alfalfa Leafhopper, Aphids, Spider Mites, Lygus, Leaf Miner, GREEN BEANS: Aphids, Spider Mites, Leafhoppers, Nematodes, Leafhoppers — 1 pt. per acre in water to cover. 100 gals. per acre is preferable. 1 large Leeper, Strik Bugs — 1 1/2 pts. per acre in water to cover.

BROCCOLI, CABBAGE, CAULIFLOWER, BRUSSELS SPROUTS, KALE, COLLARDS: Imported Cabbageworm, Diamond-Bark Caterpillars, Aphids — 1 pt. per acre. Leeper — 2 pts. per acre. May be used 2 days before harvest except do not apply to kale and collards within 4 days of harvest.

CHERRY: Aphids, Leafhoppers, Armyworms, Salt Marsh Caterpillars, Leaf Miners — Use ground application only with fine mist spray — 1 pt. in 50 to 75 gals. water per acre on plants less than 1/2 grown. On larger plants use 1 1/2 pts. in 100 to 150 gals. water per acre.

COTTON: Lygus — 1/2 to 1 pt. per acre by air or ground. Leaf Perforator, Flea-hoppers, Armyworms, Bollworms, Lepiders and For Suppression of Mites — 1 pt. per acre by air or ground. Apply at 7 to 10 day intervals while pests persist. **FOR HEAVY POPULATION OF LISTED INSECTS** — Use 1/2 pt. per acre by air or ground in control programs with other insecticides registered for use on cotton.

CUCUMBERS, SUMMER SQUASH: Cucumber Beetle, Aphids, Spider Mites, Leepers, Thrips, Armyworms — 1 pt. per acre in water to cover. Pickleworms, Leaf Miners — 1 1/2 pts. per acre in water to cover. **By Air** — Use minimum of 10 gals. water per acre. May be used up to 1 day before harvest.

POPLAR, PEPPERS: Aphids, Spider Mites, Blister Beetles, Flea Beetles, Leaf Miners, Whitefly — 1 pt. per acre. May be used up to 1 day before harvest.

GRAPES: Drosophila Leafhoppers — 1/2 to 3/4 pt. per 100 gals. water (100 to 230 gals. diluted spray per acre depending on size of vines). Use only 1/2 pt. per 100 gals. water on Muscat varieties. **CAUTION:** Postbloom applications can cause fruit to setting. Do not use on Italia varieties as fruit injury may occur. Do not enter vineyards for 24 hours following treatment. Do not apply within 1 day of harvest.

HOPS: Aphids, Spider Mites, Corn Earworm, Hop Leeper, Cutworm — 1 pt. per acre.

MELONS (Cantaloupe, Honeydew, Muskmelons, Watermelons), PUMPKINS, WINTER SQUASH: Leepers, Armyworms, Leafhoppers, Spider Mites, Leaf Miners — 1 to 2 pts. per acre (200 gals. diluted spray per acre). May be used 1 day before harvest. Do not apply when temperature is over 90° F.

ORANGES, LEMONS, GRAPEFRUIT, TANGERINES: Aphids, Soft Brown Scale Crawlers, Mites, Citrus Cutworms, Leaf Miner (Tortrix) — 1 pt. to 100 gals. water. Thrips (Bloom) — 1/2 pt. per 100 gals. water. Use up to 7 days of harvest (Calif. and Ariz. — Do not apply within 1 day of harvest). Do not enter citrus groves for 24 hours following treatment.

PEACHES (Western States Only): Lygus, Suppression of Mites, Peach Twig Borer, Oriental Fruit Moth (California Only) — 1/2 pt. to 100 gals. water. To avoid fruit spotting, do not use within 30 days of harvest. Do not apply when temperature is over 90° F. Do not enter orchards for 24 hours following treatment.

PEAS: Grasshoppers — 1/2 to 3/4 pt. per acre. Apply at first sign of insects. Do not make more than 3 applications. May be used 2 days before harvest.

SPINACH, CHARD, TURNIP GREENS: Aphids, Leepers, Armyworms, Salt Marsh Caterpillars, Leaf Miners — Use ground application only with fine mist spray — 1 pt. in 50 to 75 gals. water per acre on plants less than 1/2 grown. On larger plants use 1 1/2 pts. in 100 to 150 gals. water per acre. May be used 1 day before harvest.

STRAWBERRIES: Leaf Miner, Spider Mites, Aphids, Chomworm Leaf Tie, Spittlebugs (Northwest) — 1 pt. per acre. May be used 1 day before harvest.

SUGAR BEETS: Spider Mites, Leafhoppers — 1 pt. per acre by air or ground. **By Air** — Use in 1 to 5 gals. water per acre. Do not apply within 3 days of harvest.

TOBACCO: Hornworm — 1 pt. to 100 gals. water, using up to 200 gals. diluted spray per acre. Flea Beetles — 1 pt. per acre in water to cover. Apply at first signs of insects. Repeat as necessary.

TOMATOES (Field): Fruit Flies (Drosophila) — 1 pt. in no less than 40 gals. water per acre with ground sprayer. 7 to 10 gals. by air. Make first application 5 to 7 days before first picking and continue at 5 to 7 day intervals until the day before harvest. (Field and Greenhouse): Tomato Fruit Worm, Hornworms, Leaf Miners, Flea Beetles, Mites — 1 pt. in 100 gals. water. Spray plants thoroughly. **For Field** — Use up to 200 gals. diluted spray per acre. Do not apply when temperature is over 90° F. May be used 1 day before harvest.

WALNUTS: Aphids — 1/2 to 1 pt. in 100 gals. water. Use up to 10 days of harvest.

GRASSHOPPERS: Rangeland, Field Areas (crops listed on label) and Pastures including dairy pastures. Range Caterpillars on Rangeland & Pastures — 1/2 to 3/4 pt. per acre by air or ground. Young Grasshoppers — 1/2 pt. per acre by air or ground. Armyworms (except rice) — 1 pt. per acre by air or ground. **By Air** — Use in 1 to 5 gals. water per acre. Apply when hoppers hatch is completed. Repeat as necessary. Animals may be present during treatment. See crop recommendations for use limitations near harvest. Forage plants on pastures or field areas should not be cut for hay, to be sold or shipped interstate within 4 days of application.

GREENHOUSE, VAPOR TREATMENT OF ROSES, OTHER ORNAMENTAL PLANTS, TOMATOES, CUCUMBERS: Spider Mites, Adult Whiteflies, Aphids, Leafrollers, Mealybugs — 1 fluid ounce per 100 sq. ft. when plants are dry. Apply

undiluted on heat pipes (or in open pans on hot plates). Apply continuously or to intermittent sections of pipe on each side and on 1 or more of the pipes through center of each range depending upon width. Application to cold pipes should be followed by immediately heating pipes to 160° F. In steam houses, close vents for at least 1 hour after pipes are hot. With hot water systems, close house for at least 3 hours. Houses may remain closed overnight following treatment. When application is made to hot pipes, wear goggles and approved respirator. Ventilate house before workers re-enter. Wear respirator when entering treated houses to ventilate. Protect hives of bees in cucumber and other houses by covering with plastic or rubber sheet during treatment before harvest. Spider Mites (Resistant) and Non-resistant — Make 3 to 4 treatments at 3 or 4 day intervals. Repeat as necessary. Adult Whiteflies — Make 2 applications at 7-day intervals. Repeat as necessary. Aphids — Apply when aphids appear. Repeat as necessary. **WARNING** — Avoid over-treatment and direct application to plants as injury may result. White Butterfly and Golden Pupa uses Pink Champagne Chrysalis, Green Wandering Jew, Poinsettias and Dutchman's Pipe may be injured by DIBROM VAPOR.

FRUIT FLIES (Drosophila sp.) in and around Food Processing Plants, Loading Docks, Cull Piles and Refuse Areas, Cider Mills — Use 2 ounces in 2 1/2 gals. water (5 parts to 100 gals.) as a coarse spray to walls, flut s. doorways, windows, refuse and cull piles where insects congregate. Apply every 5 to 7 days as necessary. Do not apply to cull fruit or refuse piles to be fed to livestock. Avoid contamination of feeds, foodstuffs and food processing machinery. Do not apply when plants are in operation or when foods are present or exposed. Do not spray surfaces which will come in contact with food. Cover food containers during spraying.

ADULT MOSQUITO, GNAT, STABLE FLY (Drosophila), and HOUSE FLY CONTROL — **RESIDENTIAL AREAS, CROPS LISTED ON LABEL, TIDAL MARSHES, SWAMPS, WOODLAND, LIVESTOCK PASTURES, FEED LOTS & PASTURES INCLUDING DAIRY CATTLE:** Consult your State Fish & Game Agency before applying this product. It is not necessary to avoid farm buildings and dairy barns. Make applications during peak of infestation and repeat as necessary. See crop recommendations for use limitations near harvest. This rate of application will kill 90% of the fly population. Do not apply to tidal or marsh waters which are important shrimp producing areas. **AIRCRAFT:** East — Apply 0.8 to 4 fluid oz. per acre diluted with water. Apply 2 to 8 quarts of diluted spray per acre. West — Apply 1.6 to 4 fl. oz. per acre diluted with water. Apply 2 to 8 quarts of diluted spray per acre. **MIST OR COLD FOG:** Use 3 to 5 qts. per 100 sq. ft. water. Calibrate equipment (rate of travel and output) to apply 0.1 to 0.25 lb. technical material per acre.

CORALS ADJACENT PASTURES, HOLDING PENS (Dairy and Beef Cattle, Hogs, Sheep, Horses): Houseflies, Mosquitoes — Airplane Application — Use 1.6 to 4 fl. oz. per acre. Dilute 1 to 2 1/2 pts. in 100 gals. water. Apply 1 gal. diluted spray per acre. Apply over areas with animals present.

CLOVER MITES, BOACIES, EARWIGS and LEAFHOPPERS — Outside Dwellings and in Lawns. Use 1 fl. oz. in 3 gals. water. Apply to turf and to soil surfaces around flowers, shrubs and trees for general pest cleanup.

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IN CASE OF EMERGENCY, CALL CHEMTREC: (800) 424-9300

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