

READ THE LABEL FIRST

ACCEPTED

5

SIM-CH DIBROM NALED INSEC

DIRECTIONS FOR USE

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

GROUND APPLICATION: Vegetable and Field Crops 30 to 250 gals. Cotton 3 to 20 gals. Deciduous Fruit Crops 50 to 800 gals. Citrus 400 to 3,000 gals. 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 residue contact insecticide for all 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 volatile materials such as lime or bordeaux.

MIXING DIRECTIONS: Add to spray tank when you are full with agitator running and maintain agitation until spray is completed.

ALFALFA: Aphids, Leafhoppers, Lygus Bugs, Alfalfa Webworms, Armyworms 1 pt. per acre. **ALFALFA (Seed):** Lygus Mite Suppression 1 application. Mites 12 applications at 7 day intervals. Thrips 1 pt. per acre. Combine with recommended chemicals for residue control. **By Air:** Use at least 10 gals. water per acre.

BEANS (Dry or Field), SOYBEANS, LIMA BEANS and PEAS for Processing: Alfalfa Looper, Aphids, Spider Mites, Lygus, Leaf Miner, **GREEN BEANS:** Aphids, Spider Mites, Loopers, Nitidulids, Leafhoppers 1 pt. per acre. 100 gals. water per acre is preferable. **Large Loopers, Stink Bugs:** 1 1/2 pts. per acre in water to cover.

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

CELERY: Aphids, Loopers, Armyworms, Salt Marsh Caterpillars, Leaf Miners. Use ground application only with fine mist spray 1 pt. to 50 to 75 gals.

water per acre. **COTTON:** Lygus 1 pt. per acre. **Leaf Perforator, Fleahoppers, Armyworms, Bollworms, Loopers 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 pt. per acre by air or ground in control programs with other insecticides registered for use on cotton.

CUCUMBERS, SUMMER SQUASH: Cucumber Beetles, Aphids, Spider Mites, Loopers, Thrips, Armyworms 1 pt. per acre in water for use. **Packworms, 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 1 day before harvest.

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

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

GRAPES: Draconfly, Leafhoppers 1/2 to 1 pt. per 100 gals. water. 100 to 150 gals. diluted spray per acre depending on size of vine. Use only 1/2 pt. per 100 gals. water on Muscat varieties. Do not use on the varieties as fruit injury may occur. Do not enter vineyards for 24 hours following treatment.

HOPS: Aphids, Spider Mites, Corn Earworms, Hop Loopers, Cutworms 1 pt. per acre.

SPINACH, CHARD, TURNIP GREENS: Aphids, Loopers, Armyworms, Salt Marsh Caterpillars, Leaf Miners. Use ground application only with fine mist spray 1 pt. to 50 to 75 gals. water per acre on plants less than 4' high. On larger plants use 1 1/2 pts. to 100 to 150 gals. water per acre. May be used 1 day before harvest.

MELONS (Cantaloupes, Honeydew, Muskmelons, Watermelons), PUMPKINS, WINTER SQUASH: Loopers, 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.

DANGER: Concentrate causes eye and skin damage. Do not get on skin, eyes or clothing. Use waterproof gloves and face shield or goggles when handling concentrate. May be fatal or harmful if swallowed. Avoid breathing spray mist. In case of contact, immediately remove contaminated clothing and flush skin or eyes with plenty of water, for eyes, get medical attention. Avoid contamination of feed, foodstuffs and drinking water. **DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.** Keep children and animals off treated areas. Do not spray on Nectarines, Ornamental Cherries, Liquidambar or Chrysanthemums as injury may occur. Do not store diluted spray. Make new dilution for each use. Wash equipment thoroughly after use.

NOTE TO PHYSICIAN: Atropine is antidote. Mucosal damage may contraindicate the use of gastric lavage. First Aid: If swallowed drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available drink large quantities of water. Avoid alcohol. Call a physician immediately.

This product is toxic to fish, shrimp, crab, birds and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where there are important resources. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift to sensitive areas. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

This product is highly toxic to bees exposed to direct treatment. Residues on crops. Protective information may be obtained from the Cooperative Agricultural Extension Service. Containers should be disposed of by breaking and burying with waste.

WHEN CONTAINER IS EMPTY IMMEDIATELY DESTROY IT THOROUGHLY AND DESTROY NEVER RE-USE

ACTIVE INGREDIENTS

*Naled

Xylene

INERT INGREDIENTS

*1,2-dibromo-2,2-dichloroethyl dimethyl phosphate

Contains 8 pounds technical naled per gallon equivalent

U.S. Pat. No. 2,971,882

DIBROM[®] is a Registered Trademark of Chevron Chemical Co. San Francisco, California 94119 EPA Est. No. 089171D

DANGER

Keep Out of Reach

STORE IN COOL, DRY

READ ENTIRE LABEL

USE STRICTLY IN ACCORDANCE WITH CAUTION

AND WITH APPLICABLE STATE AND FEDERAL LAWS

KEEP PESTICIDE IN ORIGINAL CONTAINER

DO NOT PUT CONCENTRATE IN

FOOD OR DRINK CONTAINERS

NOT FOR USE OR STORAGE IN OR

SEE OTHER PRECAUTIONS ON THE LABEL

SIM-CHE

MINERALS AND CHEMICALS DIVISION

Post Office Box 81

Mountain Home, Idaho

NET CONTENTS 1 GALLON

USE PESTICIDES SAFELY AND SANELY

IM-CHEM OM[®] 8EC D INSECTICIDE

	By Wt.
.....	58%
.....	20%
.....	22%
dimethyl phosphate	100%
1 gallon equivalent to 7.2 pounds ailed.	

Work of Chevron Chemical Company, Ortho Division,
EPA Est. No. 089171D01 EPA REG NO. 11682-17

Keep Out of Reach of Children

RE IN COOL, DRY PLACE

READ ENTIRE LABEL

PERFORMANCE WITH CAUTIONS AND DIRECTIONS

STATE AND FEDERAL REGULATIONS

ICIDE IN ORIGINAL CONTAINER

CONCENTRATE OR DILUTE INTO

DO NOT USE FOR FOOD OR DRINK CONTAINERS

STORAGE IN OR AROUND THE HOME

ACTIONS ON THE BACK/SIDE PANELS

SIM-CHEM

CHEMICALS DIVISION • J. R. SIMPLOT COMPANY

Post Office Box 810

Mountain Home, Idaho 83647

ET CONTENTS 1 GALLON

DIRECTIONS FOR USE – Continued

ORANGES LEMONS GRAPEFRUIT TANGERINES Aphids, Soft Brown Scale Crawlers Mites Citrus Cankerworm Leaf Roller (Tortrix) 1 pt. to 100 gal. water Thrips (Blowfly) 1 pt. per 100 gal. water Use up to 7 days of harvest. Cori and Anise 1 pt. per 100 gal. water Use up to 7 days of harvest. Do not eat. Use up to 7 days of harvest.

PEACHES (Western States Only) Lygus, Suppression of Mites, Peach Twig Borer, Oriental Fruit Moth (California Only) 1.5 qt. to 100 gal. water. To avoid fruit splitting 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.

STRAWBERRIES Leaf Roller Spider Mites, Aphids, Omnivorous Leaf Tier.
Santolungus (Northwest) 1 qt 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 1 to 5 gal. water per acre. Do not apply within 5 days of harvest.

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

TOMATOES (Field) Fruit Flies (*Drosophila*) – 1 qt. in no less than 40 gallons water per acre in ground sprayer. 7 to 10 gallons per acre. 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, *Heliothis*, *Leaf Miners*, *Flies*, *Beetles*, *Mites* – 1 qt. in 100 gallons water. Spray plants thoroughly. **Fur Field** – Up to 200 gallons diluted spray per acre. Do not use in high temperatures over 90 °F. Make one and only before harvest.

FOREST AND SHADE TREES CONIFERS (Arbovitae Douglas Fir Fir Hemlock Juniper Pine Spruce) Suppression of Two Spot and Red Spider Mites, Aphids, Zimmerman Moths, Juniper Webworms Turnock Moths Spruce Budworms Adult Sierra Fir and Western Hemlock Bark Beetles

BROADLEAF TREES (Ash, Birch, Black Walnut, Box Elder, Dogwood, Elm, Evergreen Pear, Flowering Plum and Quince, Locust, Magnolia, Maple, Oak, Sycamore, Willow) Suppression of Two Spot and Red Spider Mites, Aphids, Leaf Miners, Thrips, Elm Leaf Beetle, California Oakworms (Calf. Only) Spring and Fall Caterpillars, Fall Webworms, Oak Webworm and Tussock Moths. 1 pt. in 100 gal. water. Use when infestation is evident. Retest as needed.

GREENHOUSE VAPOR TREATMENT OF ROSES, OTHER ORNAMENTAL PLANTS, TOMATOES, CUCUMBERS. Spider Mites, Adult Whiteflies, Aphids, Leafminers, Mealybugs. — 1. House numbers 10-140000 where plants are dry. Apply, undiluted on heat lamps in vaporizers in hot plants. Apply on top of a 40° intermittent secretion of 10° or each side and on 10° of the top of the top of the plant. Use large spraying up to 10° of the top of the plant. Cold plants should be 10°. And the ground after heating up to 160°. In steam heated houses, use plants for 10° 1 hour after plants are hot. With hot water, use plants for 10° 1 hour. 2. House numbers 10-140000 where plants are dry. Apply, undiluted on heat lamps in vaporizers in hot plants. Apply on top of a 40° intermittent secretion of 10° or each side and on 10° of the top of the top of the plant. Use large spraying up to 10° of the top of the plant. Cold plants should be 10°. And the ground after heating up to 160°. In steam heated houses, use plants for 10° 1 hour after plants are hot. With hot water, use plants for 10° 1 hour. 3. House numbers 10-140000 where plants are dry. Apply, undiluted on heat lamps in vaporizers in hot plants. Apply on top of a 40° intermittent secretion of 10° or each side and on 10° of the top of the top of the plant. Use large spraying up to 10° of the top of the plant. Cold plants should be 10°. And the ground after heating up to 160°. In steam heated houses, use plants for 10° 1 hour after plants are hot. With hot water, use plants for 10° 1 hour.

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. For 2-3 hr. house is vented. Do not apply to tomatoes or cucumber hives less than 1 day before harvest. Spider Mites (resistant and non-resistant).

Spider Mites (resistant and non-resistant)
 Make 3 to 4 treatments at 3- to 4-day intervals. Repeat as necessary. **Adult**
Whiteflies Make 2 applications at 7-day intervals. Repeat as necessary.
Aphids Apply when plants appear infested. Repeat as necessary. **WARNING**
 Avoid overwatering and direct application to plants as they may result
 in **White Butterflies and Golden Rapture Roses**, **Pink Champagne Chrysanthemums**,
Green Wandering Jew, **Poinsettias** and **Dutchman's Pipe** may be injured by DIBROM.

FRUIT FLIES (*Drosophila* sp.) in and around Food Processing Plants, Loading Docks, Cull Piles and Refuse Areas, Cider Mills. Use 2 ounces in 2½ gals. water (5pts to 100 gals.) as a spray in and around food processing plants, loading docks, cull piles and refuse areas, cider mills. Apply every 5 to 7 days as necessary. For a more permanent and covered during treatment. A food processing surface should be covered before using when using the product in these areas. Do not use this product in food processing areas.

ADULT MOSQUITO, GNAT, STABLEFLY (Dog Fies), and HOUSEFLY CONTROL - RESIDENTIAL AREAS CROPS LISTED ON LABEL, TIDAL MARSHES, SWAMPS, WOODLAND, LIVESTOCK PASTURES, FEED LOTS and PASTURES including DAIRY CATTLE. Consult your State Fertilizer and Game Agency before applying this product. It is not necessary to acidify in buildings and dairy farms. Make applications during peak of infestation or repeat as necessary. See crop recommendations for use. Limit use near harvest. To control houseflies, apply to manure. Apply to dairy marsh water. Treat manure and vegetation where house flies may nest. Shrubs and vegetation should be sprayed with a spray bottle and stems may be sprayed. Apply to fruit production trees, shrubs, and berries. **AIR CRAFT** East: Apply 0.8 to 4.0 fluid ounces per acre. West: Apply 1.6 to 4.0 fluid ounces per acre. **Water:** Apply 2 to 8 quarts per acre. **WINDS:** Apply 1.6 to 4.0 fluid ounces per acre. **OR COLD FOG** - Apply 1 to 5 quarts per 1000 sq. yds. water. See label for details. For more information, call 1-800-368-5828.

CORRALS, ADJACENT PASTURES, HOLDING PENS (Dairy and Beef Cattle, Hogs, Sheep, Horses) Mosquitoes, Mosquitoes - Airplane Application Use 1.6 to 4 fluid ounces per acre. Dilute 1 to 2 1/2 pts. in 10 gal. water. Apply 1 to 4 fluid ounces per acre. Apply over feed or in animal movement.

CLOVER MITES, ROACHES, EARWIGS and LEAFHOPPERS Outside Driveways and in Lawns. Use 1 fluid ounce in 3 parts water. Apply to turf and to soil surfaces around flowers, shrubs and trees for general pest control.

NOTICE: Be aware that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the instructions under normal conditions of use. But neither this warranty nor any other warranty of **MERCHANTABILITY** or **FITNESS FOR A PARTICULAR PURPOSE** expressly or implied extends to the use of this product for any other purpose, and its use for other than the purposes stated on the label is not reasonably foreseeable to seller and buyer assumes the risk of any damage or injury.

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DIRECTIONS FOR USE

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

GROUND APPLICATION Vegetable and Field Crops 30 to 250 gals. Cotton 3 to 20 gals. Deciduous Fruit Crops 60 to 800 gals. Citrus 400 to 3,000 gals. 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 specified. Do not use with highly alkaline materials such as lime or bordeaux.

MIXING DIRECTIONS Add to spray tank when water is being added with agitator running and maintain agitation until spraying is completed.

ALFALFA Aphids, Loopers, Leafhoppers, Lygus Bugs, Alfalfa Webworms, Armyworms 1 pt. per acre. **ALFALFA (Seed)** Lygus, Mite Suppressant 1 application. **Mites** 12 applications at 7 day intervals. **Thrips** 1 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 Looper, Aphids, Spider Mites, Lygus, Leaf Miner, GREEN BEANS Aphids, Spider Mites, Loopers, Nitidulids, Leafhoppers 1 pt. per acre. Water to cover 100 gals. per acre is preferable. **Large Loopers, Stink Bugs** 1 1/2 pt. per acre. Water to cover.

BRUCCOLI, CABBAGE, CAULIFLOWER, BRUSSELS SPROUTS, KALE, COLLARDS Imported Cabbageworm, Diamond Back Caterpillars, Aphids, Leaf Miner, Looper 1 pt. per acre. May be used 7 days before harvest. **CRUCIFEROUS** Aphids, Loopers, Leafhoppers, Nitidulids, Leafhoppers 1 pt. per acre.

CELERY Aphids, Loopers, Armyworms, Salt Marsh Caterpillars, Leaf Miners

water per acre on plants less than 4 grown. On to 150 gals. water per acre.

COTTON: Lygus 1/2 to 1 pt. per acre by air. **Fleahoppers, Armyworms, Bollworms, Loopers** 1 pt. per acre by air or ground. Apply at 7 day intervals. **FOR HEAVY POPULATION OF LISTED** 1 pt. per acre by air or ground in control programs with use on cotton.

CUCUMBERS, SUMMER SQUASH Cucumber Loopers, Thrips, Armyworms 1 pt. per acre. **Leaf Miners** 1 1/2 pts. per acre. Water to cover 10 gals. water per acre. May be used up to harvest.

EGGPLANT, PEPPERS Aphids, Spider Mites, Leaf Miners, Whitefly 1 pt. per acre. May be used up to harvest.

WALNUTS Aphids 1/2 to 1 pt. to 100 gals. water per acre.

GRAPES S. Drosophila, Leafhoppers 1/2 to 1 pt. to 150 gals. diluted spray per acre depending on variety. 100 gals. water on Muscat varieties. Do not use on grapes in vineyards for 24 hours.

HOPS Aphids, Spider Mites, Corn Earworms, Hops 1 pt. per acre.

SPINACH, CHARD, TURNIP GREENS Aphids, Marsh Caterpillars, Leaf Miners 1 pt. per acre. Water to cover 100 gals. water per acre. May be used 7 days before harvest. **WATERMELONS** Aphids, Loopers, Leafhoppers, Nitidulids, Leafhoppers 1 pt. per acre. Water to cover.

MELONS Cantaloupes, Honeydew, Muskmelon, WINTER SQUASH Loopers, Armyworms, Leaf Miners

DANGER Concentrate causes eye and skin damage. Do not get on skin, eyes or clothing. Use waterproof gloves.

ACCEPTED

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SIM-CHEM DIBROM[®] NALED INSECTICIDE

DIRECTIONS FOR USE

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

GROUND APPLICATION: Vegetable and Field Crops — 30 to 250 gals. **Cotton** — 3 to 20 gals. **Deciduous Fruit Crops** — 60 to 800 gals. **Citrus** — 400 to 3,000 gals. (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 bordeaux.

MIXING DIRECTIONS: Add to spray tank when $\frac{1}{4}$ to $\frac{1}{2}$ full with agitator running and maintain agitation until spraying is completed.

ALFALFA: Aphids, Loopers, Leafhoppers, Lygus Bugs, Alfalfa Webworms, Armyworms — 1 pt. per acre. **ALFALFA (Seed):** Lygus, Mite Suppression (1 application), Mites (2 applications at 7 day intervals), Thrips — $\frac{1}{2}$ 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 Looper, Aphids, Spider Mites, Lygus, Leaf Miner; **GREEN BEANS:** Aphids, Spider Mites, Loopers, Nitidulids, Leafhoppers — 1 pt. per acre in water to cover. 100 gals. per acre is preferable. **Large Loopers, Stink Bugs** — $1\frac{1}{2}$ pts. per acre in water to cover.

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

CELERY: Aphids, Loopers, Armyworms, Salt Marsh Caterpillars, Leaf Miners — Use ground application only with fine mist spray — 1 pt. to 50 to 75 gals.

water per acre on plants less than $\frac{1}{4}$ grown. On larger plants use 1 $\frac{1}{2}$ pts. in 100 to 150 gals. water per acre.

COTTON: Lygus — $\frac{1}{2}$ to 1 pt. per acre by air or ground. **Leaf Perforator, Fleahoppers, Armyworms, Bollworms, Loopers 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 $\frac{1}{2}$ pt. per acre by air or ground in control programs with other insecticides registered for use on cotton.

CUCUMBERS, SUMMER SQUASH: Cucumber Beetles, Aphids, Spider Mites, Loopers, Thrips, Armyworms — 1 pt. per acre in water to cover. **Pickleworms, Leaf Miners** — $1\frac{1}{2}$ pts. per acre in water to cover. **By Air** — Use minimum of 10 gals. water per acre. May be used up to harvest.

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

WALNUTS: Aphids — $\frac{1}{2}$ to 1 pt. to 100 gals. water. Use up to 10 days of harvest.

GRAPES: Drosophila, Leafhoppers — $\frac{1}{2}$ to $\frac{3}{4}$ pt. per 100 gals. water (100 to 130 gals. diluted spray per acre depending on size of vine). Use only $\frac{1}{2}$ pt. per 100 gals. water on Muscat varieties. Do not use on Italia varieties as fruit injury may occur. Do not enter vineyards for 24 hours following treatment.

HOPS: Aphids, Spider Mites, Corn Earworms, Hop Loopers, Cutworms — 1 pt. per acre.

SPINACH, CHARD, TURNIP GREENS: Aphids, Loopers, 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 $\frac{1}{4}$ grown. On larger plants use 1 $\frac{1}{2}$ pts. in 100 to 150 gals. water per acre. May be used 1 day before harvest.

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Xylene

INERT INGREDIENTS

*1,2-dibromo-2,2-dichloroethyl dimethyl phosphate

Contains 8 pounds technical naled per gallon equivalent to 7.2 po
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STORE IN COOL, DRY PLACE

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AND WITH APPLICABLE STATE AND FEDERAL

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SIM-CHEM

MINERALS AND CHEMICALS DIVISION • J. R. SIMPSON

Post Office Box 810

Mountain Home, Idaho 83647

NET CONTENTS 1 GALLON

SIM-CHEM-62



SIM-CHEM ROM[®] 8EC ALED INSECTICIDE

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EPA Est. No. 089171D01 EPA REG. NO. 11682-17

DO NOT PUT CONCENTRATE OR DILUTE INTO

For HPLC, 100 μ l of 100:10:90 (v/v/v) THF:MeOH:water was used. The column was a Waters μ Bondapak C₁₈ column (3.9 mm $\times$ 150 mm) with a guard column of 100 μ Bondapak C₁₈ (3.9 mm $\times$ 39 mm). The mobile phase was MeOH:water (1:1) at a flow rate of 1 ml/min. The column temperature was 30 $^{\circ}$ C. The detector was a Waters Model 410 with a wavelength of 254 nm. The injection volume was 10 μ l. The retention times of the compounds were 1.5 min for 1, 2.5 min for 2, 3.5 min for 3, 4.5 min for 4, 5.5 min for 5, 6.5 min for 6, 7.5 min for 7, 8.5 min for 8, 9.5 min for 9, 10.5 min for 10, 11.5 min for 11, 12.5 min for 12, 13.5 min for 13, 14.5 min for 14, 15.5 min for 15, 16.5 min for 16, 17.5 min for 17, 18.5 min for 18, 19.5 min for 19, 20.5 min for 20, 21.5 min for 21, 22.5 min for 22, 23.5 min for 23, 24.5 min for 24, 25.5 min for 25, 26.5 min for 26, 27.5 min for 27, 28.5 min for 28, 29.5 min for 29, 30.5 min for 30, 31.5 min for 31, 32.5 min for 32, 33.5 min for 33, 34.5 min for 34, 35.5 min for 35, 36.5 min for 36, 37.5 min for 37, 38.5 min for 38, 39.5 min for 39, 40.5 min for 40, 41.5 min for 41, 42.5 min for 42, 43.5 min for 43, 44.5 min for 44, 45.5 min for 45, 46.5 min for 46, 47.5 min for 47, 48.5 min for 48, 49.5 min for 49, 50.5 min for 50, 51.5 min for 51, 52.5 min for 52, 53.5 min for 53, 54.5 min for 54, 55.5 min for 55, 56.5 min for 56, 57.5 min for 57, 58.5 min for 58, 59.5 min for 59, 60.5 min for 60, 61.5 min for 61, 62.5 min for 62, 63.5 min for 63, 64.5 min for 64, 65.5 min for 65, 66.5 min for 66, 67.5 min for 67, 68.5 min for 68, 69.5 min for 69, 70.5 min for 70, 71.5 min for 71, 72.5 min for 72, 73.5 min for 73, 74.5 min for 74, 75.5 min for 75, 76.5 min for 76, 77.5 min for 77, 78.5 min for 78, 79.5 min for 79, 80.5 min for 80, 81.5 min for 81, 82.5 min for 82, 83.5 min for 83, 84.5 min for 84, 85.5 min for 85, 86.5 min for 86, 87.5 min for 87, 88.5 min for 88, 89.5 min for 89, 90.5 min for 90, 91.5 min for 91, 92.5 min for 92, 93.5 min for 93, 94.5 min for 94, 95.5 min for 95, 96.5 min for 96, 97.5 min for 97, 98.5 min for 98, 99.5 min for 99, 100.5 min for 100.

ADULT MOSQUITO, GNAT, STABLEFLY (Dog Flies), and HOUSEFLY CONTROL - RESIDENTIAL AREAS, CROPS LISTED ON LABEL TIDAL MARSHES, SWAMPS, WOODLAND, LIVESTOCK PASTURES, FEED LOTS and PASTURES including DAIRY CATTLE (For all of your other pest control needs, please apply only the product that is most necessary, based on the life stages of the pest.) **MAKES AN IDEAL SPRAY FOR ALL OF YOUR PEST CONTROL NEEDS.**

SIM-CHEM DIBROM[®] 8EC DILUTED INSECTICIDE

INGREDIENTS	By Wt.
.....	58%
.....	20%
.....	22%
.....	100%
Dibrom 8EC is a dimethyl phosphite ester of 2,2,4,4-tetrahydro-2H-pyran-6-one. It is a colorless, odorless liquid with a boiling point of 100°C (212°F) and a density of 1.25 g/ml. It is stable in the dark and in the absence of light. It is not flammable and is not toxic to humans. It is a powerful insecticide and is used to control a wide range of insects, including aphids, mites, and beetles. It is also used to control insects on plants and in stored products. It is a very effective insecticide and is used in a wide range of applications. It is a very effective insecticide and is used in a wide range of applications. It is a very effective insecticide and is used in a wide range of applications.	

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Keep Out of Reach of Children

- STORE IN COOL, DRY PLACE
- READ ENTIRE LABEL
- USE IN ACCORDANCE WITH CAUTIONS AND DIRECTIONS
- FOLLOW APPLICABLE STATE AND FEDERAL REGULATIONS
- DO NOT PESTICIDE IN ORIGINAL CONTAINER
- NEVER PUT CONCENTRATE OR DILUTE INTO FOOD OR DRINK CONTAINERS
- NEVER USE OR STORAGE IN OR AROUND THE HOME
- ALWAYS PRECAUTIONS ON THE BACK/SIDE PANELS

SIM-CHEM
Pesticides and Chemicals Division • J. R. SIMPLOT COMPANY
Post Office Box 810
Mountain Home, Idaho 83647
NET CONTENTS 1 GALLON

DIRECTIONS FOR USE — Continued

ORANGES, LEMONS, GRAPEFRUIT, TANGERINES: Aphids, Soft Brown Scale Crawlers, Mites, Citrus Cutworms, Leaf Roller (Tortrix) — 1 pt. to 100 gals. water. Thrips (Bloom) — ½ 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 (Calif. Only) — ¼ 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.

STRAWBERRIES: Leaf Roller, Spider Mites, Aphids, Omnivorous Leaf Tier, 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 5 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.

FOREST AND SHADE TREES, CONIFERS (Arbovitae, Douglas Fir, Fir, Hemlock, Juniper, Pine, Spruce): Suppression of Two-Spot and Red Spider Mites, Aphids, Zimmerman Moths, Juniper Webworms, Tussock Moths, Spruce Budworms, Adult Sierra Fir and Western Hemlock Bark Borers.

BROADLEAF TREES (Ash, Birch, Black Walnut, Box Elder, Dogwood, Elm, Evergreen Pear, Flowering Plum and Quince, Locust, Magnolia, Maple, Oak, Sycamore, Willow): Suppression of Two-Spot and Red Spider Mites, Aphids, Leaf Miners, Thrips, Elm Leaf Beetles, California Oakworms (Calif. Only), Spring and Fall Cankerworms, Fall Webworms, Oak Webworm and Tussock Moths — 1 pt. in 100 gals. water. Use when infestation is evident, repeat as necessary.

GREENHOUSE, VAPOR TREATMENT OF ROSES, OTHER ORNAMENTAL PLANTS, TOMATOES, CUCUMBERS: Spider Mites, Adult Whiteflies, Aphids, Leafrollers, Mealybugs — 1 fluid ounce per 10,000 cu. 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 150° F. In steam heated houses, close vents for at least 1 hour after pipes are hot. With hot water — Turn on steam, close house for at least 3 hours. Houses may remain closed overnight following treatment. When application is made to hot pipes, wear goggles and use covered 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 and until house is ventilated. Do not apply to tomatoes or cucumbers closer than 1 day 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 overtreatment and direct application to plants as injury may result. White Butterfly and Golden Rapture Roses, Pink Champagne Chrysanthemums, 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 2½ gals. water (5 pts. to 100 gals.) as a coarse spray to walls, floors, doorways, windows, refuse and cull piles where insects congregate. Apply every 5 to 7 days as necessary. Foods should be removed or covered during treatment. All food processing surfaces should be covered before using. When using the product in these areas, apply only when the facility is not in operation.

ADULT MOSQUITO, GNAT, STABLEFLY (Dog Flies), and HOUSEFLY CONTROL — RESIDENTIAL AREAS, CROPS LISTED ON LABEL, TIDAL MARSHES, SWAMPS, WOODLAND, LIVESTOCK PASTURES, FEED LOTS, and PASTURES including DAIRY CATTLE: Consult your State Fish and 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 shrimp. Do not apply to tidal or marsh waters. Treat shrubbery and vegetation where mosquitoes may nest. Shrubby and vegetated areas around stagnant pools, marshy areas, ponds and swamps may be treated. Application of this product to any body of water is prohibited. **AIR CRAFT** — East — Apply 0.8 to 4 fluid ounces per acre diluted with water. Apply 2 to 8 quarts of diluted spray per acre. West — Apply 1.6 to 4 fluid ounces per acre diluted with water. Apply 2 to 8 quarts of diluted spray per acre. **MIST OR COLD FOG** — Use 3 to 5 quarts per 100 gals. water. Use brute equipment (water pump and output) to apply 0.1 to 0.25 pounds technical DIBROM per acre.

CORRALS, ADJACENT PASTURES, HOLDING PENS (Dairy and Beef Cattle, Hogs, Sheep, Horses): Houseflies, Mosquitoes — **Airplane Application** — Use 1.6 to 4 fluid ounces per acre. Dilute 1 to 2½ pts. in 10 gals. water. Apply 1 gal. diluted spray per acre. Apply over areas with animals present.

CLOVER MITES, ROACHES, EARWIGS and LEAFHOPPERS Outside Dwellings and in Lawns: Use 1 fluid ounce in 3 gals. water. Apply to turf and to soil surfaces around flowers, shrubs and trees for general pest cleanup.

NOTICE — Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes 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.