

**PRECAUTIONARY & ANTIDOTE STATEMENT**

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DO NOT USE IN OR AROUND THE HOME!! STORE IN A COOL, DRY PLACE.

**DANGER**

DANGER: MAY BE FATAL IF SWALLOWED or absorbed through the skin. Concentrate causes eye and skin damage. Do not get on skin, eyes or clothing. Avoid breathing spray mist. Use waterproof gloves and face shield or goggles when handling concentrate. Avoid contamination of feed, foodstuffs and drinking water.

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

Use only according to label directions. WHEN CONTAINER IS EMPTY IMMEDIATELY WASH THOROUGHLY AND DESTROY. NEVER REUSE.

In case of contact, immediately remove contaminated clothing and flush skin or eyes with plenty of water. For eyes, get medical attention.

**ENVIRONMENTAL CAUTIONS**

This product is toxic to fish, shrimp, crab, birds, and other wild life. Birds feeding on treated areas may be killed. Keep out of lakes, streams, ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. 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 or residues on crops. Protective information may be obtained from your Co-operative Agricultural Extension Services.

STOP - READ LABEL BEFORE USING!

**Agro-Chem Brand**

CHEMICAL DISTRIBUTORS

O B A



P.O. BOX 21537 PHOENIX, ARIZ. 85036 PHONE 602 244-1311

E.P.A. REG. NO. 1526-374  
E.P.A. EST. NO. 1526-AZ-1

**ACCEPTED**  
JUL 2 1975  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 1526-374

*With Comments*

**DIBROM 8EC**

**ACTIVE INGREDIENTS:**

*Naled	-----	58%
Xylene	-----	20%
INERT INGREDIENTS: -----		22%
		<u>100%</u>

\*1, 2-dibromo-2, 2-dichloroethyl dimethyl phosphate (R) Registered trademark of Chevron Chemical Co. U.S. Pat. No. 2,971,882.

Contains 8 pounds technical naled per gallon equivalent to 7.2 pound naled.

STOLEN LABEL

NET CONTENTS

**1 GAL**

**DANGER: Keep Out of Reach of Children**  
See other precautions on this label.

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DBA



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**WARNING: Keep Out of Reach of Children.**  
**See other precautions on this label.**

**NOTICE**

Seller makes no warranty, expressed or implied, con-  
cerning the use of this product other than indicated  
on the label. Buyer assumes all risk of use and/or  
handling of this material when such use and/or han-  
dling is contrary to label instructions.

(2 of 2)

**DIRECTIONS FOR USE**

***Agro-Chem Brand***

**DIBROM 8EC**

READ ENTIRE LABEL, USE STRICTLY IN ACCORDANCE WITH DANGER STATEMENTS AND DIRECTIONS WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers.

For Ground Application (unless otherwise noted) Field Crops: Use designated amount in 50 to 150 gals. of water per acre as a thorough coverage spray. Begin application at first sign of insects. Repeat as necessary. 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 spray is completed.

**DANGER: Keep Out of Reach of Children.**  
See other precautions on this label.

CROP	CROP PEST	DOSAGE RATE/ACRE	LIMITATIONS
✓ Beans (Dry, Field, and Limas for processing)	Grasshoppers Alfalfa loopers, Aphids, Armyworms, Leafminers, Lygus bugs, Spidermites.	½-¾ pint. Apply after hatch is completed. Use lower dosage rate for small grasshoppers. 1 pint.	Do not apply within 4 days before harvest.
✓ Beans (Green)	Grasshoppers Leafhoppers, Spidermites, Sap beetles, Aphids, Armyworms. Loopers Stink bugs	½-¾ pint. Apply after hatch is completed. Use lower dosage rate for small grasshoppers. 1 pint. 1-1½ pint. Use higher dosage rate for large Loopers. 1½ pints.	Do not apply within 4 days before harvest.
Broccoli, Brussels sprouts, Cabbage, Cauliflower, Collards, Kale	Grasshoppers Aphids, Armyworms, Diamondback moth larvae, Imported Cabbageworms Cabbage loopers	½-¾ pint. Apply after hatch is completed. Use lower dosage for small grasshoppers. 1 pint. 1 quart.	Broccoli, Brussels sprouts, Cabbage, Cauliflower—Do not apply within 1 day before harvest. Collards, Kale—Do not apply within 4 days before harvest.
Celery	Grasshoppers Aphids, Armyworms, Leafminers, Loopers, Saltmarsh caterpillars.	½-¾ pint. Apply after hatch is completed. Use lower dosage for small grasshoppers. 1-1½ pints.	Do not apply within 4 days before harvest. Apply by ground equipment only. Use lower spray dosage rate on plants up to ¾ grown.
◆ Cotton	Grasshoppers. Lygus bugs Armyworms, Bollworms, Cotton Leaf-perforators, Fleahoppers, Loopers, Mites	½-¾ pint. Apply after hatch is completed. Use lower dosage rates for small grasshoppers. ½-1 pint. 1 pint. Claim for mites is for suppression of populations only.	Do not apply within 4 days before hand picking. For heavy populations of any of the insect pests or their eggs, use ½ pint/ acre of this product with other appropriate pesticides.

SP	CROP PEST	DOSAGE RATE/ACRE	LIMITATIONS
Field Cucumbers	Grasshoppers Aphids, Armyworms, Cucumber beetles Loopers, Spidermites, Thrips Leafminers, Pickleworms	$\frac{1}{2}$ – $\frac{3}{4}$ pint. Apply after hatch is completed. Use lower dosage rates for small grasshoppers. 1 pint. $1\frac{1}{2}$ –2 pints.	No preharvest interval.
Eggplant	Grasshoppers Aphids, Armyworms, Blister beetles, Flea beetles, Leafminers, Mites, Whiteflies	$\frac{1}{2}$ – $\frac{3}{4}$ pint. Apply after hatch is completed. Use lower dosage rate for small grasshoppers. 1 pint.	Do not apply within 1 days before harvest.
Honeydew melons, Muskmelons, Cantaloupes, Watermelons	Armyworms, Leafhoppers, Leafminers Loopers, Spidermites	1–2 pints.	Do not apply within 1 day before harvest. Do not apply when temperature is 90° F. This product may injure smooth
Hops	Grasshoppers Aphids, Armyworms, Hop loopers, Spidermites.	$\frac{1}{2}$ – $\frac{3}{4}$ pint. Apply after hatch is completed. Use lower dosage rate for small grasshoppers. 1 pint.	Do not apply within 4 days before harvest.
Lettuce	Grasshoppers Aphids, Armyworms, Leafminers, Loopers, Saltmarsh caterpillars.	$\frac{1}{2}$ – $\frac{3}{4}$ pint. Apply after hatch is completed. Use lower dosage rate for small grasshoppers. 1– $1\frac{1}{2}$ pints.	Do not apply within 1 day before harvest. Use lower dosage rate on plants up to $\frac{1}{2}$ grown.
Peas	Grasshoppers Aphids, Armyworms, Leafminers, Alfalfa loopers Loopers	$\frac{1}{2}$ – $\frac{3}{4}$ pint. Apply after hatch is completed. Use lower dosage rate for small grasshoppers. 1 pint. $\frac{1}{2}$ pints.	Do not apply within 4 days before harvest.
Peppers	Grasshoppers Aphids, Blister beetles, Flea beetles, Leafminers, Spidermites, Whiteflies	$\frac{1}{2}$ – $\frac{3}{4}$ pint. Apply after hatch is completed. Use lower dosage rate for small grasshoppers 1 pint.	Do not apply within 1 days before harvest.

CROP	CROP PEST	DOSAGE RATE/ACRE	LIMITATIONS
Pumpkins	Grasshoppers Armyworms, Leafminers, Leafhoppers Loopers, Spidermites	$\frac{1}{2}$ - $\frac{3}{4}$ pint. Apply after hatch is completed. Use lower dosage rate for small grasshoppers. 1-2 pints.	Do not apply within 1 day before harvest. Do not apply when temperature exceeds 90 F.
Rice	Grasshoppers	$\frac{1}{2}$ - $\frac{3}{4}$ pint. Apply after hatch is completed. Use lower dosage rate for small grasshoppers.	Do not apply within 2 days before harvest. Do not make more than 3 application nor apply where fish, crabs, cray fish, or shrimp are important resources.
Soybeans	Grasshoppers Aphids, Armyworms, Leafminers, Alfalfa loopers, Lygus bugs, Spider- mites. Loopers, Stink bugs	$\frac{1}{2}$ - $\frac{3}{4}$ pint. Apply after hatch is completed. Use lower dosage rate for small grasshoppers. 1 pint. $1\frac{1}{2}$ pints.	Do not apply within 4 days before harvest.
• Spinach	Grasshoppers Aphids, Armyworms, Leafminers, Loopers, Saltmarsh caterpillars	$\frac{1}{2}$ - $\frac{3}{4}$ pint. Apply after hatch is completed. Use lower dosage rate for small grasshoppers. 1- $1\frac{1}{2}$ pints.	Do not apply within 1 day before harvest. Use lower dosage rates on plants up to $\frac{3}{4}$ grown.
Summer squash	Grasshoppers Aphids, Armyworms, Cucumber beetles, Loopers, Spidermites, Thrips Leafminers, Pickleworms,	$\frac{1}{2}$ - $\frac{3}{4}$ pint. Apply after hatch is completed. Use lower dosage rate for small grasshoppers. 1 pint. $1\frac{1}{2}$ pints.	No preharvest interval.
Winter squash	Grasshoppers Armyworms, Leafhoppers Leafminers Loopers, Spidermites.	$\frac{1}{2}$ - $\frac{3}{4}$ pint. Apply after hatch is completed. Use lower dosage rate for small grasshoppers. 1-2 pints.	Do not apply within 1 day before harvest. Do not apply when temperature exceeds 90 F.

CROP	CROP PEST	DOSAGE RATE/ACRE	LIMITATIONS
Strawberries	Grasshoppers	½-¾ pints. Apply after hatch is completed. Use lower dosage rate for small grasshoppers.	Do not apply within 1 day before harvest.
	Aphids, Armyworms, Spidermites, Omnivorous leafhoppers, Spittlebugs, Strawberry leafrollers	1 pint.	
• Sugar Beets	Leafhoppers, Spidermites	1 pint.	Do not apply within 5 days before harvest.
Swiss Chard	Grasshoppers	½-¾ pint. Apply after hatch is completed. Use lower dosage rates for small grasshoppers.	Do not apply within 1 day before harvest. Apply by ground equipment only use lower dosage rates up to ¼ grown.
	Aphids, Armyworms, Leafminers, Loopers, Saltmarsh caterpillars.	1-1½ pints.	
	Spidermites, thrips	1½ pints	
Tobacco	Armyworms, Flea beetles	1 pint.	No preharvest interval.
	Grasshoppers	½-¾ pint. Apply after hatch is completed. Use lower dosage rate for small grasshoppers	
Field Tomatoes	Grasshoppers	½-¾ pint. Apply after hatch is completed. Use lower dosage rate for small grasshoppers.	Do not apply within 1 day before harvest. Do not apply when temperature exceeds 90 F.
	Armyworms, Drosophila	1 pint.	
	Flea beetles, Hornworms, Leafminers Mites, Tomato fruitworms.	1 pint/100 gal. water. Apply up to 200 gal. spray/acre.	
Turnips Greens	Grasshoppers	½-¾ pint. Apply after hatch is completed. Use lower dosage rate for small grasshoppers.	Do not apply within 1 day before harvest. Apply by ground equipment only. Use lower dosage rate for plants up to ¼ grown.
	Aphids, Armyworms, Cabbage loopers Leafminers, Saltmarsh caterpillars	1-1½ pint.	

**FOR USE ON TREE AND VINE CROPS:**

CROP	CROP PEST	DOSAGE RATE	LIMITATIONS
<p>Grapefruit, Lemons, Oranges, Tangerines</p>	<p>Thrips Aphids, Brown soft scale crawlers, Citrus cutworms, Mites, Orange tortrix Aphids, Brown soft scale crawlers, Citrus cutworms, Mites, Orange tortrix, Thrips Orange tortrix</p>	<p>½ pint/100 gal. water. 1 pint/100 gal. water 1 pint/acre. For aerial application only. Apply in 15-20 gal. water/acre. 1-2 pints/acre. Use restricted to California only. For aerial application only.</p>	<p>In California and Arizona-Do not apply within 1 day before harvest. In areas other than Arizona and California-Do not apply within 7 days before harvest. In California-The farm operator shall not permit workers to enter treated areas to engage in any activity requiring substantial contact with foliage within 24 hours after application</p>
<p>Grapes</p>	<p>Drosophila, Leafhoppers</p>	<p>½-¾ pint/100 gal. water. Apply 100-130 gal. spray/acre.</p>	<p>Do not apply within 4 days before harvest. Use only lower spray dosages on Muscat varieties. Do not apply to Italia varieties as injury may occur. In California-The farm operator shall not permit workers to enter treated areas to engage in any activity requiring substantial contact with foliage within 24 hours after application. All Areas-Do not apply more than 1 pint of this product/acre.</p>
<p>Peaches</p>	<p>Lygus bugs, Oriental fruit moths, Peach twig borers, Mites.</p>	<p>¾ pint/100 gal. water. Claim for mites is for population suppression only.</p>	<p>Do not apply within 4 days before harvest. Use restricted to Western United States only. Do not apply more than 1 gal. of this product/acre.</p>
<p>Walnuts</p>	<p>Aphids</p>	<p>½-1 pint/100 gal. water 1½-2 pints/acre. For aerial application only. Apply in 10-20 gal. water/acre.</p>	<p>Do not apply within 10 days before harvest. Do not apply more than 1½ gal. of this product/acre.</p>

**FOR CONTROL OF VARIOUS INSECTS ON PASTURES AND RANGELANDS:**

**CAUTION:** Do not cut pastures or rangelands for hay to be sold commercially or shipped interstate within 4 days after application.

PEST	DIRECTIONS FOR USE
<p>Armyworms</p>	<p>Apply 1 pint/acre. Repeat as needed. Animals may be present during treatment.</p>
<p>Crane flies, Moths</p>	<p>Apply 0.02-0.03 pint/acre by ground application using a thermal fog generator. Dilute with NO. 2 fuel oil or diesel oil. Not necessary to avoid farm buildings including dairy barns.</p>



**CONTROL OF VARIOUS INSECTS ON PASTURES AND RANGE LANDS:**

**CAUTION:** Do not cut pastures or rangelands for hay to be sold commercially or shipped interstate within 4 days after application.

PEST		DIRECTIONS FOR USE
Crane flies, Moths	Apply 0.1-0.2 pint/acre by aerial application. Dilute with NO. 2 fuel oil or diesel fuel. Apply 1 gal. finished spray/acre. Not necessary to avoid farm buildings including dairy barns.	
Gnats, Mosquitoes, Stable flies, House flies	Apply 0.02-0.05 pint/acre by ground application using a thermal fog generator. Dilute with NO. 2 fuel oil or diesel fuel. Not necessary to avoid farm buildings including dairy barns.	
Gnats, Mosquitoes, Stable flies, House flies	Apply 0.05-0.25 pint/acre by aerial application. Dilute in water, fuel oil, or odorless Kerosene. Apply 0.5-2.0 gal. finished spray/acre. Not necessary to avoid farm buildings including dairy barns. Repeat as needed.	
Gnats, Mosquitoes, Stable flies, House flies	Apply 0.1-0.25 pint/acre by ground application using mist or non-thermal fog generator. Dilute in water. Not necessary to avoid farm buildings including dairy barns. Repeat as needed.	
Grasshoppers	Apply 1/2-3/4 pint/acre after hatch is completed. Use lower dosage rate for small grasshoppers. Animals may be present in treated areas. Repeat as needed.	
Mosquitoes	Apply 0.05-0.11 pint/acre by aerial ULV application. Apply undiluted. Use higher dosage rate where heavy vegetation exists. Aircraft should be equipped with non-corrosive spray system. Use only nozzles that will deliver 30-80 micron size droplets. Apply during periods when wind is 5 mph or less and thermal activity is low. Large droplets may cause spotting of automobile paint finishes. Not necessary to avoid farm buildings including dairy barns.	
Range caterpillars	Apply 1/2-3/4 pint/acre. Repeat as needed. Animals may be present during treatment.	
FOR USE IN GREENHOUSES ONLY:		
CROP	CROP PEST	DIRECTIONS FOR USE
Tomatoes, Cucumbers	Aphids, Leafrollers, Mealy bugs, Spidermites, Adult Whiteflies	Apply 1/16 pint/10,000 cubic feet by fumigation, when plants are dry. Apply undiluted to cold or hot heating pipes, or place in open pans on hot plates. Applications to cold pipes should be followed immediately by heating pipes to 160 F. In steam-heated greenhouses, vents should be closed for at least one hour after pipes are hot. For hot water systems vents should be closed for at least 3 hours. Greenhouses may be closed overnight. If application is made to hot pipes, protective equipment must be used. Ventilate greenhouse thoroughly before re-entering. For Aphids, repeat as needed. For Spidermites, make 3-4 treatments at 3-4 day intervals. For Whiteflies, make 2 treatments 7 days apart.
Tomatoes	Flea beetles, Hornworms, Leafminers, Mites, Tomato fruitworms	Apply 1 pint/100 gal. water to foliage as a spray. Apply for thorough coverage. Do not apply if temperature exceeds 90 F. Do not apply more than 1 quart of this product/acre.
FOR USE ON POULTRY INCLUDING CHICKENS, PHEASANTS, AND TURKEYS:		
PEST	DIRECTIONS FOR USE	
Chicken body louse, Chicken mites, Fluff louse, Shaft louse	Apply 1/2 pint/50 gal. water as a light spray mist. Treat entire bird except the head. Concentrate treatment under wings and around tail area. Use approximately 1 gal. finished spray/100 birds. Repeat as needed. Do not treat chickens under 5 weeks old nor turkeys under 3 months old.	

**FOR USE IN DAIRY BARN, POULTRY HOUSES (including those for chickens, pheasants, and turkeys,) AND ANIMAL BUILDINGS (including barns, shelters, and stables):**

PEST	DIRECTIONS FOR USE
Gnats, House flies, Little house flies, Mosquitoes	<p>Apply 1/16 pint/2.5 gal. water or 1 pint/40 gal. water as a space treatment. Direct spray throughout infested areas, including around and above animals, but do not treat animals directly. Repeat as needed. Do not use in milk processing rooms.</p> <p>Apply 1/16 pint/2.5 gal. water or 1 pint/40 gal. water as a surface treatment. Apply liberally to resting surfaces such as walls, beams, and rafters, and around doors and windows. One half pound of sugar or 1/2 pint of corn syrup or molasses may be added/40 gal. finished spray. Do not use in milk processing rooms.</p>
Poultry Houses Only: Flies, Mites, Mosquitoes, Ticks	Apply 1 pint/40 gal. water as a surface spray. Apply at the rate of 1 gal. of finished spray/500 square feet. Treat resting surfaces and hiding areas such as walls, beams, rafters, roosts, perches, and nests. For Flies, 1/2 pound of sugar or 1/2 pint of corn syrup may be added/40 gal. of water. Birds may be present during treatment.

**FOR USE ON CORRALS, FEEDLOTS, AND PENS:**

PEST	DIRECTIONS FOR USE
Gnats, House flies, Mosquitoes, Stable flies,	Apply 0.02–0.05 pint/acre as a ground application by thermal fog generator. Dilute with NO. 2 fuel oil, diesel oil, or other appropriate oil. Not necessary to avoid farm buildings including dairy barns.
Gnats, House flies, Stable flies, mosquitoes,	Apply 0.05–0.25 pint/acre by aerial application. Dilute in water, fuel oil, or odorless Kerosene. Apply 0.5–2.0 gal. finished spray/acre. Repeat as needed. Not necessary to avoid farm buildings including dairy barns.
Gnats, Houseflies, Mosquitoes, Stable flies,	Apply 0.1–0.25 pint/acre by ground application using a mist or non-thermal fog generator. Dilute in water. Repeat as needed. Not necessary to avoid farm buildings including dairy barns.
Gnats, House flies, Little house flies, Mosquitoes	<p>Apply 1/16 pint/2.5 gal. water or 1 pint/40 gal. water by ground application as a space treatment. Direct spray throughout infested areas including around and above animals, but do not spray animals directly. Repeat as needed.</p> <p>Apply 1/16 pint/2.5 gal. water or 1 pint/40 gal. water by ground application as a surface treatment. Liberally treat resting surfaces. One half pound of sugar or 1/2 pint of corn syrup or molasses may be added/40 gal. finished spray.</p>
Mosquitoes	Apply 0.05–0.11 pint/acre as an aerial ULV application. Apply undiluted. Use higher dosage rates where heavy vegetation exists. Aircraft should be equipped with non-corrosive spray equipment. Use spray nozzles which will deliver 30–80 micron size droplets. Apply during periods when wind is 5 mph or less and thermal activity is low. Large droplets may spot automobile paint finishes. Not necessary to avoid farm buildings including dairy barns.

**FOR USE ON COMMERCIAL LAWNS AND TURF:**

PEST	DIRECTIONS FOR USE
Clover Mites, Cockroaches, Earwigs, Leafhoppers	Apply 1/16–3/32 pint/3.0 gal. water as a spray. For use by personnel of municipalities institutions, and industry only. For general pest clean up, spray outside of buildings on the turf, soil surface, and around flowers, shrubs, and trees. Do not use around homes.