

## APPLICATION DIRECTIONS

Applications should be made during warm weather when weeds are well leaved out and growing actively. Repeat applications may be necessary to achieve adequate control. Apply at moderate pressures of from 40 to 60 lbs. **DO NOT APPLY BY AIRPLANE IN THE VICINITY OF GRAPES OR OTHER SUSCEPTIBLE CROPS.**

## MIXING DIRECTIONS

Add half the required amount of water to the spray tank, then add the specified amount of this product with agitation, then add the balance of the water with continued agitation. (Agitation must be continuous to maintain ideal emulsion.)

## CAUTION

This product forms an emulsion in water—not a solution. The water emulsion tends to separate on standing and for this reason continued agitation is necessary to prevent separation and to maintain a uniform spray mixture.

## SPECIFIC DIRECTIONS

### WEED CONTROL IN SMALL GRAINS

1. Use ½ to 1 lb. actual 2,4-D acid per acre (1 to 2 pt. Miller's LV 2,4-D ESTER) for selective spraying of weeds in Wheat and Barley.
2. Apply in sufficient water (minimum 5 gallons for air application; 10 gallons for ground application) to give uniform coverage of the weeds.
3. The lower rate is suggested only for very susceptible weeds such as Mustard. For resistant weeds, such as Wild Buckwheat and Thistles, use the higher rate.
4. Do not use on grain interplanted with legumes, particularly Alfalfa or Sweet Clover, unless injury to the legume can be tolerated.
5. Spray when grain is 4 to 8 inches high (full tiller stage). When applied prior to tillering and also after the grain has reached the boot stage, injury may result.
6. Consult State Agricultural Experiment Station or State Extension Weed Specialists as climate and local conditions may cause the listed recommendations to vary.
7. Do not forage or graze treated grain fields within 2 weeks after treatment with 2,4-D. Do not feed treated straw to livestock.

## SPECIFIC DIRECTIONS

**TANSY RAGWORT CONTROL** (in Pastures, along Fence Rows, Drainage Ditchbanks, Roadsides, Rangelands)

1. Use 3 qts. in 50 gallons of water per acre. On small areas, use 4 tablespoons in 1 gallon of water.
2. Apply in the spring before any flowers appear (during rosette stage of growth). The earlier the application in relation to plant growth, the better the kill. Make a thorough spray application to wet all the foliage thoroughly.
3. Respraying for more than one year is necessary to control late germinating seeds. May be applied in early fall after beginning of regrowth (crowns) or newly germinated seeds.
4. Do not graze dairy animals on treated areas within 7 days after application.

**PASTURE WEED CONTROL** . . . Dandelion, Plantain, Bur Clover

1. Use 1½ to 2 pints per acre in sufficient water to give uniform coverage.
2. **CAUTION** — Do not apply on Creeping Grasses, such as Bent, except for spot spraying. Do not apply on newly seeded pastures until grass is well established. Most legumes are usually damaged or killed. Do not apply to Dichondra or St. Augustine grasses.
3. Do not graze dairy animals on treated areas within 7 days after application.

**WOODY PLANT CONTROL** (Rangeland, pastures, along fence rows, drainage ditchbanks, roadsides, under power lines, and other similar waste areas)

1. Use 3 qts. per 100 gal. of water for such woody plants as Willow, Elderberry, Sumac, Wild Cherry, Wild Grape.
2. Apply as a drenching spray for brush up to 8 feet tall, after foliage is well developed.
3. Make thorough coverage of all parts of the plant, including foliage, shoot stems, and bark.
4. Do not graze dairy animals on treated areas within 7 days after application.

NOTICE: Follow directions carefully. Timing and method of application, weather and 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 not in strict accordance with directions given herewith.

MP 616

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Insist on...

Miller's



# LV 2,4-D ESTER 4 lb.\*

★ (4 lbs. 2,4-D acid equivalent per gallon)

For the control of many Broadleaved Weeds and certain Woody Plants

Dandelion	Peppergrass	Tarweed	Wild Morning
Docks	Pigweed	Thistles	Glory,
Fanweed	Plantains	Vetches	and
Lamb's Quarters	Ragweed	White Top	Many other
Mallow	Shepherd's Purse	Wild Carrot	broadleaved
Mustards	St. Johnswort	Wild Radish	weeds

Also for . . . Alder, Elderberry, Hazel, Coastal Sage, Sand Sagebrush, Sumac, Willow, Buckbrush

ACCEPTED

UNDER THE FEDERAL INSECTICIDE AND RODENTICIDE ACT  
FUNGICIDE AND RODENTICIDE ACT  
EPA REG. NO. 802-182-AA

#### A LOW VOLATILE 2,4-D HERBICIDE

Active ingredient	
*2,4-Dichlorophenoxyacetic Acid, Isooctyl Ester . . . . .	68.7%
Inert ingredients . . . . .	31.3%
Total . . . . .	100.0%
*2,4-Dichlorophenoxyacetic acid equivalent 45.7%	
Licensed under U.S. Patents 2,396,513; 2,390,941; RE 23,115.	

E.P.A. Reg. No. 802-182-AA

## WEED KILLER

**CAUTION — Keep out of reach of children**

See right side panel for additional cautions

ONE GALLON

— MILLER PRODUCTS —  
THE CHAS. H. LILLY CO.  
PORTLAND, OREGON 97214

LILLY'S

Miller

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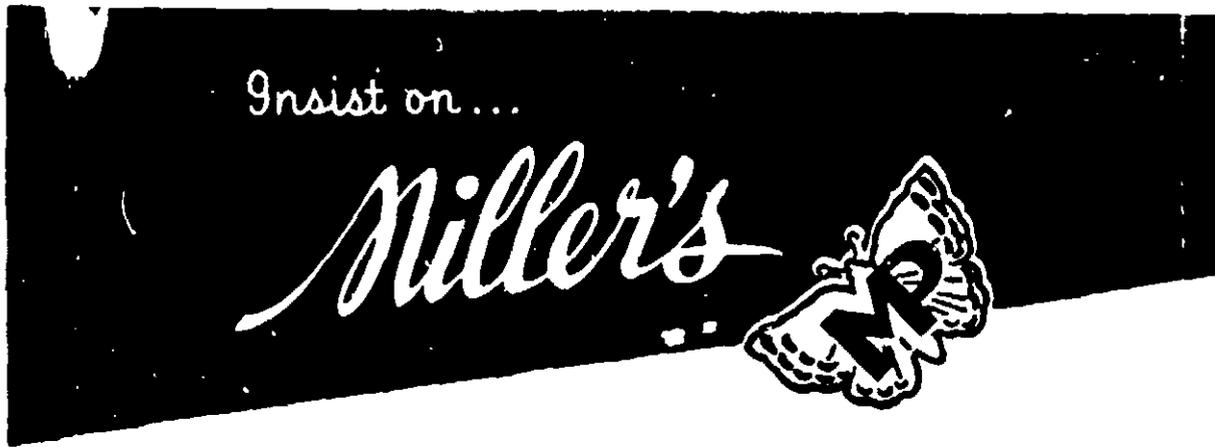
1. Use 1 1/2 to 2 pints per acre in sufficient water to give uniform coverage.
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10-15-60

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\*(4 lbs. 2,4-D acid equivalent per gallon)

For the control of many Broadleaved Weeds and certain Woody Plants

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Fanweed	Plantains	Vetches	and
Lamb's Quarters	Ragweed	White Top	Many other
Mallow	Shepherd's Purse	Wild Carrot	broadleaved
Mustards	St. Johnswort	Wild Radish	weeds

Also for ... Alder, Elderberry, Hazel, Coastal Sage, Sand Sagebrush, Sumac, Willow, Buckbrush

ACCEPTED

New 11/26/57

UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND RODENTICIDE ACTS FOR ECONOMIC POISON REGULATION UNDER NO. 857-1017

A LOW VOLATILE 2,4-D HERBICIDE

Active ingredient	2,4-Dichlorophenoxyacetic Acid, Isooctyl Ester	68.7%
Inert ingredients		31.3%
Total		100.0%

\*2,4-Dichlorophenoxyacetic acid equivalent 45.7%  
Licensed under U.S. Patents 2,396,513; 2,390,941; RE 23,115.

E.P.A. Reg. No. 802-182-AA

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ONE GALLON

— MILLER PRODUCTS —  
THE CHAS. H. LILLY CO.  
PORTLAND, OREGON 97214



### CAUTION

PLEASE READ ENTIRE LABEL AS DIRECTED, NOTING ALL CAUTIONS AND WARNINGS.

Harmful if swallowed.

This product may cause skin irritation on contact with skin, eyes and clothing. In case of contact, wash skin with plenty of water; flush eyes with plenty of water for at least 15 minutes and get medical attention. Keep out of reach of children and animals.

Do not use around the home or in areas where children play.

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

Do not store with foodstuffs. Do not store near fertilizers, insecticides, or seeds.

Do not apply directly to or over other crops. Do not apply to grapes, fruit trees, cane berries, or other desirable plants which are sensitive to 2,4-D and do not permit spray drift onto them, since even minute quantities of the spray may cause severe injury during growing and dormant periods. Coarse sprays are less likely to drift.

Application by airplane, ground or hand sprayers should be made so that there is no hazard from drift.

Do not apply by airplane in the vicinity of grapes or other desirable 2,4-D sensitive plants.

Do not contaminate irrigation ditches or water used for domestic purposes. Small amounts of 2,4-D in the soil may temporarily inhibit seed germination or plant growth.

Ester formulations may cause more injury than amine formulations. Do not use on crops other than those listed on this label.

Be sure that the use of this product conforms to all applicable local regulations.

At higher temperatures vaporization may cause injury to susceptible plants nearby. Keep container tightly closed when not in use.

Do not use spray equipment for other than intended purpose. Such equipment should not be used for application of insecticides, fungicides, or other agricultural chemicals.

Rinse equipment and containers and dispose of wastes by burying in non-crop lands away from water supplies. Containers should be disposed of by punching holes in them and burying with wastes.

WHEAT  
BARLEY  
I, IV  
XII, XIII

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