

ACCEPTED

MAR 22 1971

UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTERED  
ED UNDER NO. 1026-29

**CONTENTS**

**U. S. GALLONS**

**USDA Reg. No. 630-39**

**DIRECTIONS**

FIVE STAR LOW VOLATILE 2,4-D ESTER may be used for control of many broadleaved annual weeds and certain perennial weeds and woody plants growing in pastures and meadows, roadsides, railroad and public utility rights of way, fence rows, farm lots and waste lands. Hard to kill weeds and woody plants may require repeat applications to give effective and adequate control. Consult local agricultural authorities for further details as to dosage and timing of applications.

Mix FIVE STAR LOW VOLATILE 2,4-D ESTER with water according to the dosages recommended and apply during warm, sunny weather when weeds are growing most rapidly.

**WARNING**

Avoid contamination of water used for drinking, irrigation or domestic purposes. Do not contact skin, eyes, or clothing.

Do not forage or graze treated grain fields within 2 weeks after treatment with 2,4-D.

Do not feed treated straw to livestock.

Cotton, sugar beets, most vegetables, fruits, flowers, ornamentals, and legumes are extremely sensitive and readily injured by 2,4-D. Clover and bent grass may be injured by the product. Avoid spray and drift on these plants. Vapors from this product may injure susceptible plants in the immediate vicinity.

Thoroughly clean spray equipment with a suitable chemical cleaner such as a strong solution of soap, before using for other purposes.

Coarse sprays are less likely to drift. Do not store near fertilizers, seeds, insecticides, or fungicides. Do not spray when windy. Use special care to avoid drift from aerial applications. Cereal grains may be readily injured in seedling and late boot stages. Spray only after tillers are well formed and before jointing or after bloom. Do not spray seedling grasses until two months old.

**Do not store in open or unlabeled containers.**

Do not reuse empty container. Do not reuse empty drum. Return drums to drum reconditioner or destroy by perforating or crushing and bury in a safe place.

**NOTICE**

Distributors Supply Co., Inc. GUARANTEES that the ingredients herein are the highest quality obtainable and full strength as shown. However, seller makes no warranty of any kind concerning the use of this product unless it is used in accordance with the directions.



**FIVE STAR**

**LOW VOLATILE  
2, 4-D ESTER**

**CONTAINING  
6 POUNDS 2,4-D ACID  
PER GALLON\***

**WARNING: KEEP OUT OF REACH OF CHILDREN.  
Harmful or Fatal if swallowed.  
Before using read carefully warning on side panel.**

**CONTROLS**

Weeds, Such As Canada Thistle,  
Field Bindweed, Dandelions,  
Wild Mustard, Pigweed.

ACTIVE INGREDIENTS:	
Isooctyl ester of 2,4-Dichlorophenoxyacetic Acid	94.4%
(Equivalent to 62.5% 2,4-Dichlorophenoxyacetic Acid)*	
INERT INGREDIENTS:	5.6%
TOTAL	100.0%

Distributed By

**D I S T R I B U T O R S**  
Supply Co., Inc. St. Paul, Minn. 55114



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#### INERT INGREDIENTS:

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### DIRECTIONS

Treat when the weeds are in most active stage of growth, preferably on warm, sunny days.

#### FOR FILLD WORK

Mix contents with water for spraying of crops as follows:

1. **Corn:** Maximum dosage for minimum crop damage  $\frac{1}{4}$  to  $\frac{1}{2}$  pints per acre of ground to be treated. To avoid injury to corn, do not spray during high temperature and high moisture conditions. Use pipe-drops on your sprayer boom to direct spray at weeds and to minimize the amount of spray that gets on the corn leaves. Do not spray from tasseling to dough stage.

**Preemergence use of 2,4-D in Corn:** Applications are most effective for control of weed seedlings when made from three days after planting, up to time of emergence. Where conditions are favorable,  $\frac{1}{2}$  to  $1\frac{1}{2}$  quarts of 2,4-D per acre are sufficient. Preemergence treatment is not recommended on sandy or light porous soils. Consult your local authorities for varietal differences. Best results are obtained when there is plenty of soil moisture and weed seed germination is rapid.

2. **Winter Wheat, Rye:** When the weeds are heavy and the crop is unusually late or thin and unable to provide normal competition with weeds, maximum dosage should be  $\frac{1}{2}$  to  $\frac{3}{4}$  pint per acre. Treatment seldom causes serious crop damage. Spray in the spring before the crop has reached the boot stage. Best results are obtained under low moisture conditions.

3. **Spring Wheat, Oats, Barley:** For control of Mustard, Frenchweed, Ragweed, a maximum amount of  $\frac{1}{2}$  to  $\frac{1}{2}$  pints per acre may be applied before the fully tillered stage of the crop. For control of weeds such as Bindweed, Canada Thistle, Sow Thistle, use  $\frac{1}{2}$  to 1 pint per acre after the fully tillered stage, except do not spray during the boot to dough stage. Clover in grain crops may be slightly injured by 2,4-D. **WILD BUCKWHEAT**— $\frac{1}{2}$  pint at the two leaf stage. If it emerges over 3 or 4 week period 2 sprayings are required.

4. **Flax:** Maximum dosage with minimum crop damage use  $\frac{1}{2}$  pint per acre of ground to be treated. Apply when flax is about 4 inches high, and before the bud stage. (Note: A delay in maturity of flax does not always result in reduced yields.) Use to control Russian Thistle and Russian Pigweed only.

5. **Perennial Grasses:** Established stands of most perennial grasses may be sprayed with any amount of up 1 pint per acre to control susceptible or semi-resistant weeds. Exception under some conditions must be made for bent grasses and buffalo grass. Do not graze or dairy animals within 7 days after treatment. There may be possible injury if used on St. Augustine grass and Dichondra.

#### FOR LAWNS

Add  $\frac{3}{4}$  teaspoon to 2 quarts of water, or 3 teaspoons to 2 gallons of water, and stir well. 1 gallon of mixed spray will control dandelions on 1400 square feet of ground. Apply with hand sprayer only enough to thoroughly wet foliage without appreciable run-off or wetting of the soil. Clover in lawns may be slightly injured by 2,4-D.

#### FOR WOODY PLANTS

(Not in growing crops)—Most woody plants can be controlled by the proper use of this product. Chemical may be applied as a foliage spray, or to the cut surfaces of stubbles or stumps, or to the bark near the base in the case of large shrubs or trees. Spray all surfaces to run-off or for stubble and stump treatment thoroughly wet the freshly cut surfaces. For basal bark treatment of cottonwood and willow use from  $1\frac{1}{2}$  to 4 gallons Five Star Low Volatile 2,4-D Ester in 100 gallons of diesel fuel. Use at least 2 quarts Five Star Low Volatile 2,4-D Ester per 100 gallons of water and wet all foliage surfaces of the plant thoroughly. Such species as buckbrush, sumac, skunkbrush, elderberry, hackberry, wild grape, willows, Virginia creeper and trumpet vine are readily controlled with the above dosages. For more resistant species use Brush Killer containing 2,4,5-T.

The recommended amount per acre remains the same per acre regardless of the amount of water used or the spraying equipment used. Repeat applications may be necessary when new growth occurs. **CONSULT STATE AGRICULTURAL EXPERIMENTAL STATION or EXTENSION SERVICE WEED SPECIALISTS** for recommendations applicable to your area and crop.

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# 2,4-D ESTER

## CONTAINS 6 POUNDS 2,4-D PER GALLON

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### CONTROL

Weeds, Such As  
Field Bindweed,  
Wild Mustard,

#### ACTIVE INGREDIENTS:

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(Equivalent to 62.6% 2,4-Dichlorophenoxyacetic acid)

#### INERT INGREDIENTS:

TOTAL

Distributed by

# D I S T R I B U T O R S

Supply Co., Inc. St. Louis, Mo.