

RECOMMENDATIONS FOR THE APPLICATION OF WEEDONE LV4

WEEDS IN CROPS	PINTS WEEDONE LV4 PER ACRE	DIRECTIONS
<u>Wheat, Barley, Rye</u>		
<u>Winter Grain</u>		
Annual and biennial weeds	1/2-2*	Apply after grain is fully tillered (about 4"-8" high) but not forming joints in the stem.
Perennial broadleaf weeds	1-2*	Apply when weeds are near bud stage. Do not spray grain in boot to dough stage.
<u>Spring Grain</u>		
Annual broadleaf weeds	1/2-2*	Apply after grain is fully tillered (about 4-8" high) but not forming joints in the stem.
Perennial broadleaf weeds	1-2*	Apply when weeds are near bud stage. Do not spray grain in boot to dough stage.
Wild onion or garlic	1 1/2 - 2	Apply 1 1/2 pts. when grain is fully tillered and wild garlic or onion plants are small. Apply 2 pts. after harvest in the crop stubble.

* Use the lower rate if small annual and biennial weeds are the major problem. Use the higher rate if perennial weeds or annual and biennial weeds are present which are in the hard to kill categories as determined by local experience. The higher rates increase the risk of grain injury and should be used only where the weed control problem justified the grain damage risk.

2,4-D may cause brittleness
cause stalk breakage
may be more susceptible

ACCEPTED

Dec 14 1961

Wild onion or garlic

1 1/2 - 2

Apply 1 1/2 pts. when grain is fully tillered and wild garlic or onion plants are small. Apply 2 pts. after harvest in the crop stubble.

* Use the lower rate if small annual and biennial weeds are the major problem. Use the higher rate if perennial weeds or annual and biennial weeds are present which are in the hard to kill categories as determined by local experience. The higher rates increase the risk of grain injury and should be used only where the weed control problem justified the grain damage risk.

Field Corn Emergence	2-3 pints	To control broadleaf weeds and suppress annual grasses, apply 3 to 5 days after planting. Do not use on sandy soils. Do not use on soil which is very hard or very wet. Do not use on night sandy soils. Do not use on a grade for normal weed growth.
Emergence Annual broadleaf weeds Perennial broadleaf weeds	1 1/2 pint 1 pint	Apply when weeds are small and corn is less than 10" tall. Avoid spraying just after corn leaves unfold as injury may occur. Use drop pipes to spray corn more than 10" tall. Spray when weeds are in the bud to bloom stage. If corn is more than 10" tall use drop pipes to keep spray off corn leaves. Do not spray corn in tassel to dough stage.
Grain Sorghum Annual broadleaf weeds Perennial broadleaf weeds	1/4 pint 1 1/4 pints	Treat when sorghum is 6 to 10 inches tall. Do not forage or graze treated grain fields within two weeks after treatment with this product. Do not feed treated straw to livestock.
For aerial application on grain, apply WEEDONE LV4 in 3 gallons of water per acre. Use a minimum of 10 gallons of water per acre for ground application. Do not mix with oil for crop uses. Do not forage or graze grain fields within two weeks after treatment with this product. Do not feed treated straw to livestock.		

WEEDS IN NON-CROP AREAS (fencerows, roadsides, drainage ditchbanks)

Annual broadleaf weeds	2 pints	Apply when most weeds are still young and growing vigorously.
Perennial broadleaf weeds	3 pints	Apply when weeds are actively growing and near the bud stage but before flowering. A second application is usually needed for best results on fencerow, ruttle and barbed wire. Treat wild onion or garlic in early spring and fall when weeds are young and growing actively.
Cattails and Tules	1 1/2 to 2 1/2 gallons	Mix 2 quarts WEEDONE LV4 in 2 quarts kerosene, then add this mixture to 100 gallons of water. Apply from 100 to 500 gallons of spray per acre, depending on the stand. The addition of a wetting agent is suggested in Western states.
For aerial application to solid stands of brush in California use 2-4 quarts in 3-12 gallons volume per acre. Two to 4 quarts of fuel oil may be included in this mixture.		
For aerial application to rangeland brush such as sand sage, sacbrush, shinny oak, apply 1 gallon of Weedone LV4, in 2-10 gallons of water per acre. One quart of fuel oil may be included in the mixture.		

WEEDS IN PASTURES, OTHER TURF AREAS (parks, golf courses, cemeteries)

Annual broadleaf weeds	2 pints	Apply in spring or fall when annual weeds such as knotweed are up but still small and in the seedling stage.
Perennial broadleaf weeds	3 pints	To control dandelion, plantain and most other common weeds in turf, apply in spring or fall when these weeds are at their best. Treat with care on green in three successive seasons if possible. Do not apply to newly seeded areas until soil is firm. Do not use on lawns or other areas where desirable plants are present. Do not use WEEDONE LV4 on lawns in the Southern States, such as St. Augustine, Bentgrass, and clover may be injured by this treatment. Do not graze dairy animals on treated areas within 7 days after treatment.
For ground spraying on non-cropland areas, pastures and other turf areas use enough water for good wetting (10 to 500 gallons per acre).		

TO PREPARE A SPRAY: Add one half the required amount of water to the spray tank, then add this product with agitation, and finally the balance of the water with continued agitation. NOTE: This material forms an emulsion in water—not a solution. This tends to separate on standing. Provide agitation to prevent such separation and insure uniform spray mixtures.

NOTICE: Use WEEDONE LV6 to make oil solutions for airplane spraying.

To convert local recommendations into terms of WEEDONE LV4 use the following table:

2,4-D	1 lb.	1/2 lb.	1/4 lb.	1/8 lb.	1/16 lb.
WEEDONE LV4	2 pt.	1 1/2 pt.	1 pt.	1/2 pt.	1/4 pt.

2,4-D may cause brittleness to corn. Winds or cultivation may cause stalk breakage while brittle. Certain single cross hybrids may be more susceptible to 2,4-D injury than other varieties.

WEEDONE

LV4

BROADLEAF AND GRASS HERBICIDE

ACCEPTED

Jan 14, 1961

UNDER THE FEDERAL FUNGICIDE AND HERBICIDE ACT FOR ECONOMIC PROTECTION OF PLANTS

The 2,4-D Low Volatile Ester for Agricultural Weed Control, Conifer Release and Site Preparation

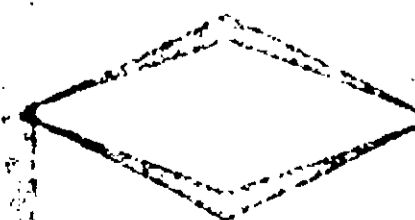
CAUTION: Keep out of reach of children. See directions on right panel.

ACTIVE INGREDIENTS:

2,4-Dichlorophenoxyacetic acid, butoxyethanol ester*

INERT INGREDIENTS:

*2,4-Dichlorophenoxyacetic acid equivalent 44.1% by weight
4 pounds per gallon.



ANCHER PRODUCTS

First Name in Herbicide Research
AMBLER, PA. ■ Clinton, Iowa ■ St. Joseph, Mo.
EPA Reg. No. 204-20-ZA

WEEDONE[®]

WVA

ACCEPTED
 Jan 14, 1975
 UNDER THE FEDERAL INSECTICIDE
 AND FUNGICIDE ACT
 FOR WEEDS
 EPA Reg. No. 264-20

BROADLEAF POSTEMERGENT HERBICIDE

The 2,4-D low Volatile Ester for
Agricultural Weed Control, Conifer Release
and Site Preparation

CAUTION: Keep out of reach of children. See other cautions on right panel.

ACTIVE INGREDIENTS:
 2,4-Dichlorophenoxyacetic acid, butoxyethanol ester* 64.0%

INERT INGREDIENTS: 36.0%

*2,4-Dichlorophenoxyacetic acid equivalent 44.1% by weight or 4 pounds per gallon.

ANCHEM PRODUCTS, INC.
 First Name in Herbicide Research
 AMBLER, PA. ■ Clinton, Iowa ■ St. Joseph, Mo. ■ Fremont, Calif.
 EPA Reg. No. 264-20-ZA

than the amines for controlling hard-to-kill weeds such as bindweed, thistle, smartweed, wild buckwheat, wild garlic, curled dock and wild onions.

GENERAL INFORMATION

WEEDONE LV4 contains four pounds of 2,4-D acid equivalent per gallon as the butoxyethanol ester, the original and one of the best low volatile esters. ~~WEEDONE LV4 is more effective than the amines for controlling hard-to-kill weeds in cropland.~~

Uses in Forest Management

CONIFER RELEASE

To control alder, apply 1½-2 quarts WEEDONE LV4 in 9½-15 gallons water per acre as a foliage spray between mid-May and mid-June. This may cause some leader deformation on exposed firs, but they should overcome this during the second year after spraying.

To control tanoak, madrone, canyon live oak and manzanita and release Douglas fir, hemlock, Sitka spruce or grand fir, apply 3 quarts WEEDONE LV4 plus 3 quarts fuel oil in 8½-15 gallons water per acre just before or during budbreak on Douglas fir.

To control hazel brush in the Lake States, apply 2 quarts WEEDONE LV4 in 1½-4½ gallons water per acre when new shoot growth of hazel is complete (usually mid-July).

SITE PREPARATION

Budbreak Spray: To control alder before planting forest tree seedlings, apply 2-4 quarts WEEDONE LV4 in 9-15 gallons of fuel oil per acre after alder buds break, but before foliage is ½ full size.

Foliage Spray: To control alder before planting forest tree seedlings, apply 2 quarts WEEDONE LV4 plus 2 quarts fuel oil in 9-15 gallons water per acre after most alder leaves are full size. One-tenth gallon TRANSVERT may be added for additional alder control.

EMERGENCY WEED CONTROL IN WHEAT

Perennial broadleaf weeds: Apply 3 pints per acre when weeds are approaching bud stage, but do not spray grain in the boot to dough stage.

The 3 pint (1.5 pound acid equivalent) per acre application of any 2,4-D product can produce injury to wheat. Balance the severity of your weed problem against the possibility of crop damage. Where perennial weeds are scattered spot treatment is suggested to minimize the extent of crop injury.

CAUTION

Harmful if swallowed. Avoid contact with skin, eyes or clothing.

Avoid spray drift to susceptible plants such as cotton, beans, tomatoes and ornamentals as this product may cause injury. Coarse sprays are less likely to drift. Do not use same spray equipment for other purposes unless thoroughly cleaned.

Do not reuse empty containers. Destroy containers by burying in a safe place. Do not burn.

Do not store near fertilizers, seeds, insecticides or fungicides. Under very high temperature, vapors from this product may injure susceptible plants in the immediate vicinity. Do not contaminate water used for irrigation or domestic purposes. Do not use in a green house.

This product is toxic to fish. Keep out of lakes, streams, or 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.

Do not use this product for purposes other than those recommended on this label.

WARRANTY

Amchem warrants that composition of this product conforms to the chemical description given in the ingredient statement and the product is suited for the purposes described when used according to directions. Because of the broad range of conditions which may be encountered with the use of this product, it is impossible to eliminate all risks, even though label directions are followed. Amchem, therefore, makes no other express or implied warranty, and no agent of Amchem is authorized to do so. Buyer agrees, in purchasing this product, to assume the risks and in the event of damages arising from a breach of the warranty to accept refund of the purchase price of the product as full discharge of Amchem's liability.