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WEEDONE®
LV4 ✓

Broadleaf Postemergence
Herbicide ✓

The 2,4-D low volatile ester for agricultural weed control,
conifer release, site preparation, turf and non-cropland weed control.

ACTIVE INGREDIENT:
 2,4-Dichlorophenoxyacetic acid, butoxyethyl ester*..... 60.8% ✓
 INERT INGREDIENTS:..... 39.2% ✓
 *2,4-Dichlorophenoxyacetic acid equivalent 41.9% by weight or 3.8 pounds per
 gallon.

*Isomer specific by AOAC method No. 6.D01-5

E.P.A. Reg. No. 264-20ZA ✓ E.P.A. Est. No. 264-MO-01 ✓

DEC 2 1986
 264-20

KEEP OUT OF REACH OF CHILDREN
 CAUTION ✓
 PRECAUTIONARY STATEMENTS: SEE INSIDE BOOKLET

IN CASE OF EMERGENCY, TELEPHONE COLLECT
 (24 HOURS A DAY) IN U.S.A. (304)744-3487

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P.O. Box 12014, T.W. Alexander Drive, Research Triangle Park, N.C. 27709

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COMPANY, INC. ✓

Made in U.S.A.

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DIRECTIONS FOR USE ✓

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING. ✓

GENERAL INFORMATION ✓

WEEDONE LV4 Broadleaf Postemergence Herbicide contains the butoxyethyl ester of 2,4-D, the original and most volatile esters. In cropland, WEEDONE LV4 is more effective than amines for controlling hard-to-kill weeds such as thistles, smartweeds, wild garlic, curled dock, tansy ragwort, and wild onions.

✓ TO PREPARE A SPRAY: Add one-half the required amount of water to the spray tank, then add the WEEDONE LV4. Finally, the balance of the water with continued agitation. This material forms an emulsion in water which may separate on standing. Provide agitation to prevent such separation and insure uniform spray mixture.

COMPATIBILITY: If WEEDONE LV4 is to be tank mixed with fertilizers or with other pesticides, compatibility should be tested before mixing. To test for compatibility, use a small container and mix a small amount (0.5 to 1 qt) of each ingredient in the same ratio as the anticipated use. If any indications of physical incompatibility are observed, do not mix for spraying. Indications of incompatibility usually will appear within 5-15 minutes after mixing. See directions and precautions on this label and on the labels of any products for which a tank mixture is recommended.

✓ COMBINATION WITH LIQUID NITROGEN FERTILIZER: Use 1/2-3/4 pint WEEDONE LV4 per acre for weeding and weed control in grasses for seed production or grass pastures as directed on this label. Use the fertilizer at rates recommended by the Extension Service Specialist. Fill the spray tank about half full with the liquid fertilizer, then add the WEEDONE LV4 with vigorous agitation, and complete filling the tank with fertilizer. Apply immediately and continue agitation during application. Application during very cold weather (near freezing) is not advisable. Do not apply overnight. Incompatibility may be encountered with some fertilizer brands or under some environmental conditions. Test a small sample in the dilution ratio planned for application. NOTE: Fertilizers can increase the hazard of herbicides. Reducing the fertilizer rate and concentration will reduce the hazard of leaf burn.

✓ Weeds controlled by properly applied treatments of WEEDONE LV-4 include the following: *added*

Annual and biennial weeds

annual yellow sweetclover
*beggarticks
bull thistle
coffeeweed
common evening primrose
✓ *common broomweed
common burdock
common cocklebur
common lambsquarters
croton (Texas or woolly)
hairy galinsoga
Jimsonweed

*knotweed
*mallow (venice, dwarf, little)
marshelder
morning glory (common, ivy, woolly)
mustards (except blue mustard)
pepperweeds (except perennial)
**pigweeds (Amaranthus spp.)
*prickly lettuce
ragweed (common, giant)
rough fleabane
*Russian thistle

salsify (western or)
*smartweeds (annual or biennial)
sowthistle (annual or biennial)
sunflower
velvetleaf
*vervains
vetches
*wild carrot
wild lettuce
wild parsnips
wild radish

Perennial weeds *added*

- *alfalfa
- *bindweed (hedge, field and European)
- blue lettuce
- ✓ *Canada thistle
- catnip
- chicory
- dandelion
- *docks
- *dogbanes

- *goldenrod
- *ground ivy
- *hawkweed (orange)
- healall
- *hoary cress
- Jerusalem-artichoke
- *many-flowered aster
- *nettles (including stinging)
- plantains

- sowthistle (perennial)
- *tansy ragwort
- *vervains
- *western ironweed
- *wild garlic
- *wild onion

* These species may require repeat applications and/or use of the higher rate recommended on this product label even under ideal conditions for application.

** Control of pigweeds in the High Plains area of Texas and Oklahoma may not be satisfactory with this product.

INJURY TO CROPS FROM THIS HERBICIDE MAY OCCUR. IF YOU ARE NOT PREPARED TO ACCEPT SOME DEGREE OF CROP INJURY DO NOT USE THIS PRODUCT.

added Crop varieties vary in response to 2,4-D and some are easily injured. Apply WEEDONE LV4 only to varieties known to be tolerant to 2,4-D. If you are uncertain concerning tolerant varieties or local use situations that may affect crop tolerance to 2,4-D consult your seed company, state Agricultural Extension Service or qualified crop consultant for advice.

RECOMMENDATIONS FOR APPLYING WEEDONE LV4 BROADLEAF POSTEMERGENCE HERBICIDE

WEEDS IN CROPS

AMOUNT OF WEEDONE LV4
PER ACRE

DIRECTIONS

CEREAL GRAINS

Postemergence
WHEAT, BARLEY, RYE
(not underseeded with legumes)

✓ Annual and biennial weeds

Perennial broadleaf weeds

✓ 1/2 - 2 pints*

1 - 2 pints*

✓ Apply after grain is fully tillered (usually about 4-8" high) but not forming joints in the stem. Do not spray grain in boot to dough stage.

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RECOMMENDATIONS FOR APPLYING WEEDONE LV4 BROADLEAF POSTEMERGENCE HERBICIDE

WEEDS IN CROPS

	AMOUNT OF WEEDONE LV4 PER ACRE	DIRECTIONS
✓ Wild onion or garlic	1 1/2-2 pints*	Apply 1 1/2 pints when grain is fully tillered and wild garlic or onion plants are small. Apply 2 pints after harvest in the crop stubble. For control of new fall growth of wild onion or garlic refer to fallowland use directions.
✓ Emergency Weed Control in Wheat Perennial broadleaf weeds	3 pints*	Apply when weeds are approaching bud stage, but <u>do not spray grain during the boot to dough stage</u> . The 3 pint per acre application 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.
✓ Preharvest	1-2 pints*	Apply when grains are in the hard dough stage to suppress large weeds that may interfere with harvest. Best results will be obtained when soil moisture is sufficient to induce succulent weed growth.
✓ TANK MIXTURES FOR CEREAL GRAINS		
✓ WEEDONE LV4 and <u>ME4 BROMINAL</u> Tank Mixture on Wheat, Barley and Rye. Cereal areas except Washington, Oregon Idaho	1/2-1 pint Plus 1/2-3/4 pint ME4 BROMINAL	ME4 BROMINAL Broadleaf Herbicide will control some annual weeds that are resistant to WEEDONE LV4 and may be tank mixed with WEEDONE LV4 for broader spectrum weed control on small grains.
✓ Washington, Oregon Idaho	1/2-1 pint Plus 3/4-1 pint ME4 Brominal	TO PREPARE the spray, first mix WEEDONE LV4 in water then add the ME4 BROMINAL. Use the higher rates for larger weeds or where weed growth is slow due to dry or cold weather. Apply before weeds are 6 inches high. Use 10-20 gallons total spray volume per acre with ground equipment or use 5-10 gallons total spray volume with air application. Use higher volume on larger weeds. Observe all directions, precautions, and restrictions on both products labeling.

* 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 justifies the risk of grain damage. Do not apply to grain in the seedling stage.

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RECOMMENDATIONS FOR APPLYING WEEDONE LV⁴ BROADLEAF POSTEMERGENCE HERBICIDE

WEEDS IN CROPS

AMOUNT OF WEEDONE LV⁴
PER ACRE

DIRECTIONS

RESTRICTIONS AND LIMITATIONS FOR USE ON SMALL GRAINS:

For aerial application on grain, apply WEEDONE LV⁴ in 2 or more gallons of water per acre. For ground application, use a minimum of 10 gallons of water per acre.

Do not mix with oil for crop uses.

Do not permit dairy animals or meat animals being finished for slaughter to forage treated grain fields within 2 weeks after treatment.

Do not feed treated straw to livestock, if a preharvest treatment or emergency treatment as described above is applied. *Of but not required*

FIELD CORN

Preplant

1-2 pints ✓

To control emerged broadleaf weed seedlings or existing cover crops prior to planting corn. Apply 7 to 14 days before planting. Do not use on light, sandy soil, or where soil moisture is inadequate for normal weed growth. Use high rate for control of less susceptible weeds or cover crops such as alfalfa.

Preemergence

2-3 pints ✓

To control broadleaf weeds and suppress annual grasses, apply 3 to 5 days after planting, but before corn emerges. Use high rate on soil high in organic matter. Do not use on light, sandy soil, or where soil moisture is inadequate for normal weed growth.

Postemergence
Annual broadleaf weeds

1/2 pint ✓

Avoid spraying just after corn leaves unfold, as injury may occur. Apply when weeds are small and corn is less than 8" tall. If corn more than 8" tall must be sprayed, use drop pipes.

Perennial broadleaf weeds

3/4 pint ✓

Spray when weeds are in the bud to bloom stage. If corn is more than 8" tall, use drop pipes to keep spray off corn leaves. Do not spray when corn is in tassel to dough stage.

2,4-D may make corn brittle. Winds or cultivation may cause stalk breakage while brittle.

Less restrictive same as 464-347

RECOMMENDATIONS FOR APPLYING WEEDONE LV4 BROADLEAF POSTEMERGENCE HERBICIDE

WEEDS IN CROPS

AMOUNT OF WEEDONE LV4
PER ACRE

DIRECTIONS

✓ Preharvest	✓ 1-2 pints	After the hard dough (denting) stage, to suppress weeds that interfere with harvest such as bindweed, cocklebur, dogbane, jimsonweed, ragweed, sunflower, and velvetleaf, and to decrease production of weed seeds, spray with air or ground equipment. The high rate will be needed for tough weeds under stress.
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RESTRICTIONS AND LIMITATIONS FOR USE ON FIELD CORN:

- Do not forage or feed corn fodder for 7 days following application. *OK, but not required*

GRAIN SORGHUM (milo)

✓ Annual broadleaf weeds	3/4 pint ✓	✓ Treat when sorghum is 6 to 15" tall (to top of canopy). If sorghum is taller than 8" to top of canopy, use drop nozzles to keep spray off crop foliage. <u>Do not treat during the boot, flowering, or early dough stages.</u>
✓ Perennial broadleaf weeds	1 1/4 pints ✓	

RESTRICTIONS AND LIMITATIONS FOR USE ON SORGHUM:

- Do not forage or feed fodder for 7 days following application. *← OK, but not required*
 - A minimum application volume of 5 gallons per acre by air or 10 gallons per acre by ground is recommended.

✓ GRASSES FOR SEED PRODUCTION	✓ 1-1 1/2 pints	✓ Apply to established stands in spring from tiller to early boot stage. <u>Do not spray in boot stage.</u> New spring seedlings may be treated with the lower rate after grass seedlings have at least 5 leaves. Perennial weed regrowth may be treated in the fall. ✓ DO NOT USE IN CALIFORNIA <i>added</i>
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SUGARCANE
Preemergence
Postemergence

2 pints
2-4 pints ✓

✓ Apply before canes appear for control of emerged broadleaf weeds.
 ✓ Apply after cane emerges and through layby.
 ✓ DO NOT USE IN CALIFORNIA *added*

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*2 #/A max.
0.475 #/A
8x5*

RECOMMENDATIONS FOR APPLYING WEEDONE LV4 BROADLEAF POSTEMERGENCE HERBICIDE

WEEDS AND BRUSH IN PASTURES, RANGELAND, AND FALLOW LAND

AMOUNT OF WEEDONE LV4
PER ACRE

DIRECTIONS

ESTABLISHED GRASS PASTURES AND RANGELAND

Annual broadleaf weeds
Perennial and biennial
broadleaf weeds

2 pints
3-4 pints

Apply when weeds are small and actively growing and prior to bud stage. Do not apply to newly seeded areas until grass is well established. Do not apply when grass is in the boot to milk stage if grass seed production is desired. Bentgrass and legumes may be injured by this treatment.

Sand sage, sagebrush,
shinnery oak, and other
2,4-D susceptible woody
species

1-4 quarts

Apply aerially to brush in 2 or more gallons of water per acre. One gallon fuel oil may be included in the mixture. Consult state or local brush control specialists for most effective rate, volume and timing of spray applications.

FALLOW LAND AND CROP STUBBLE

Annual broadleaf weeds

1-2 pints

Use the lower rate when weeds are small (2-3" tall) and growing actively. Use the higher rate on older and drought-stressed plants.

Biennial broadleaf weeds

2-4 pints

Spray while musk thistles or other biennial species are in the seedling to rosette stage, and before flower stalks are initiated. The lower rate can be used in spring during rosette stage. In fall or after flower stalks have developed, use the highest rate.

RECOMMENDATIONS FOR APPLYING WEEDONE LV4 BROADLEAF POSTEMERGENCE HERBICIDE

	AMOUNT OF WEEDONE LV4 PER ACRE	DIRECTIONS
1 pt. ↓ 6X0.475 ↓ 2.85 #/A ✓ Perennial broadleaf weeds	✓ 2-6 pints	✓ Spray weeds in bud to bloom stage, or in good vegetative growth. Do not disturb treated area for at least 2 weeks after treatment, or until weed tops are dead.
✓ Wild garlic and onion in crop stubble	✓ 4-6 pints	✓ Apply to new regrowth of wild onion or garlic which occurs in the fall following harvest of small grains, soybeans, corn, or grain sorghum.

✓ RESTRICTIONS AND LIMITATIONS FOR USE ON PASTURES, RANGELAND, AND FALLOW LAND:

- ✓ For ground application, use a minimum of 10 gallons of water per acre. For aerial application, use a minimum of 2 gallons of water per acre.
- ✓ Do not graze animals on treated areas within 7 days after treatment.
- ✓ Do not plant treated fallow land until three months after treatment or until chemical has disappeared from soil.

✓ WEEDS IN ORNAMENTAL TURF AREAS

✓ GOLF COURSES, CEMETERIES, PARKS, AND OTHER TURF AREAS

✓ Annual broadleaf weeds	✓ 2 pints	✓ Apply any time weeds are growing vigorously. Cool-season weeds such as common chickweed, henbit and pepperweeds should be sprayed when they appear in fall or early spring. Warm-season weeds such as knotweed respond best when they are small. If there is additional germination, repeat treatment. Also controls cocklebur, galinsoga, lambsquarters, pigweed, ragweed, sunflower.
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RECOMMENDATIONS FOR APPLYING WEEDONE LV4 BROADLEAF POSTEMERGENCE HERBICIDE

	AMOUNT OF WEEDONE LV4 PER ACRE	DIRECTIONS
✓ Perennial and biennial broadleaf weeds	✓ 3-4 pints	To control dandelion, plantain, and most other common broadleaf weeds in turf, apply in spring or fall when these weeds are growing actively. Treat wild garlic or onion in three successive seasons. (Example: spring, fall, spring). Do not apply to newly seeded areas until sod is formed and grass has been cut at least twice. Do not use WEEDONE LV4 for susceptible southern grasses such as St. Augustine. Bentgrass and clover may be injured by this treatment. Also controls bindweed, chicory, docky, ground ivy, hawkweed, thistles, (Canada, musk, bull, and Scotch), smartweed, tansy ragwort, wild onion, wild garlic.

RESTRICTIONS AND LIMITATIONS FOR USE IN TURF AREAS:

- ✓ For ground application in turf areas, use enough water for good coverage (minimum 10 gallons per acre).
- ✓ Do not graze animals on treated areas within 7 days after treatment.
- ✓ If needed, irrigate ornamental turf thoroughly before application. Spray when air is calm to avoid drift. Avoid treatment when temperatures exceed 85 degrees F or are expected to do within 24 hours after application.

✓ WEEDS AND BRUSH IN NON-CROP AREAS

✓ FENCEROWS, ROADSIDES, DRAINAGE DITCHBANKS, VACANT LOTS, AIRFIELDS, RAILROAD, HIGHWAY AND UTILITY RIGHTS-OF-WAY, AND OTHER NON-CROP AREAS.

✓ Annual broadleaf weeds	✓ 2-4 pints	✓ Apply when most weeds are still young and growing vigorously.
✓ Perennial and biennial broadleaf weeds	✓ 3-6 pints	Apply when weeds are actively growing and near the bud stage, but before flowering. For best results on tansy ragwort and musk thistle, treat in rosette stage, before bolting. A second application is usually needed for best results on thistle, nettle, and bindweed. Treat wild onion or garlic in early spring and in fall when they are young and growing actively.

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RECOMMENDATIONS FOR APPLYING WEEDONE LV4 BROADLEAF POSTEMERGENCE HERBICIDE

WEEDS AND BRUSH IN NON-CROP AREAS

FENCEROWS, ROADSIDES, DRAINAGE DITCHBANKS, VACANT LOTS, AIRFIELDS, RAILROAD, HIGHWAY AND UTILITY RIGHTS-OF-WAY, AND OTHER NON-CROP AREAS.

	AMOUNT OF WEEDONE LV4 PER ACRE	DIRECTIONS
Cattails and tules	1 1/2-2 1/2 gallons	Mix 2 quarts WEEDONE LV4 in 2 quarts kerosene or diesel oil then add this mixture to 100 gallons of water. Apply 300 to 500 gallons of spray per acre, depending on the stand. The addition of a wetting agent such as SURFEL Spray Adjuvant is suggested.
Woody plants	1-2 gallons	Apply in 30-100 gallons of spray per acre, preferably through low-volume equipment such as DIRECTA-SPRA, WOBBLER, MINI-WOBBLER, OR SPIROMETER. Treat when 2,4-D-susceptible species are in full leaf and growing actively. Repeated applications, oil or wetting agent, and/or high volume spraying (300 to 500 gallons of spray per acre) may be needed for acceptable control of some species or if brush growth is dense.

RESTRICTIONS AND LIMITATIONS FOR USE IN NON-CROP AREAS:

- For aerial application to solid stands of susceptible brush, use 2-4 quarts in 3-12 gallons volume per acre. Two to 4 quarts of fuel oil may be included in this mixture.
- Applications will be less effective when conditions such as deficient soil moisture reduce brush growth.

TANK MIXTURES FOR NON-CROP AREAS

Read and observe all precautions and restrictions of labels of all products tank mixed with WEEDONE LV4.

WEEDONE LV4 and GARLON 4
or GARLON 3A Tank Mixtures
for non-crop areas.
Broadleaf Weed Control

2-4 pints
WEEDONE LV4

Apply as a broadcast spray in enough water to deliver 20 to 100 gallons total spray per acre.

Plus

Apply when broadleaf weeds are actively growing.

2-6 pints

GARLON-4

or

3-8 pints

GARLON-3A

$4 \frac{\#}{gal} = 0.5 \frac{\#}{pt} = 464 - 554$ (woody plant control = use 4-8 gal/A)
 $3 \frac{\#}{gal} = 0.375 \frac{\#}{pt} = 464 - 546$ (" " " " = use 2-3 gal/A)

Woody Plant Control
Broadcast Foliar Spray

1-2 gallons
WEEDONE LV4

Apply as a broadcast spray in enough water to deliver 20 to 100 gallons total spray per acre. Apply when woody plants are actively growing.

Plus

1 1/2 - 3 quarts

GARLON-4

or

2-4 quarts

GARLON-3A

Woody Plant Control
High Volume Leaf-Stem
Treatment with Ground
Equipment

1-8 quarts
WEEDONE LV4

Mix 1 to 2 quarts WEEDONE LV-4 plus 1 1/2 to 3 pints GARLON 4 or 2 to 4 pints GARLON 3A in enough water to make 100 gallons of spray. Apply at a volume of 100 to 400 gallons of total spray per acre depending on size and density of woody plants. Thoroughly wet all leaves, stems and root collars of plants to be controlled

Plus

1 1/2 to 12

pints GARLON-4

or

2 to 16 pints

GARLON-3A

Woody Plant Control
Aerial Application
(Helicopter only)

1-2 gallons
WEEDONE LV4

Apply in a total spray volume of 10 to 30 gallons per acre using drift control equipment such as the MICROFOIL boom or an effective drift control agent such as LO-DRIFT spray additive. Use the higher rates and volumes when plants are dense or under drought conditions.

plus

3-4 quarts

GARLON-4

or

4-6 quarts

GARLON-3A

WEEDONE LV4 and BANVEL
Herbicide tank mixtures for
non-crop areas.
Annual Broadleaf Weeds

For wider spectrum control of broadleaf weeds and woody plants.

✓ 2-4 pints
WEEDONE LV4
plus
✓ 1/2 - 1 1/2
pints BANVEL

Apply as a broadcast spray in enough water to deliver 20 to 100 gallons total spray per acre. Apply when broadleaf weeds are actively growing. Use the higher rates when treating dense or tall vegetative growth.

Perennial and biennial
broadleaf weeds

✓ 3-6 pints
WEEDONE LV4
plus
✓ 1/2-6 pints
BANVEL

Apply as a broadcast spray in enough water to deliver 20 to 100 gallons total spray per acre. Apply when broadleaf weeds are actively growing but prior to flowering. Use the lower rates for biennials less than 3 inches Rosette diameter. Use the higher rates for perennial weeds or for biennial weeds past the 3 inch rosette stage.

Woody Plant Control
Broadcast, high volume,
stem foliage or aerial
application

✓ 1-2 gallons
WEEDONE LV4
plus
✓ 2-8 quarts
BANVEL

Apply as a broadcast spray in enough water to deliver 20 to 100 gallons total spray per acre or apply as a high volume stem foliage spray in enough volume to thoroughly wet leaves, stems and root collars (100 to 400 gallons per acre) or apply aerially in enough water to deliver total spray volume of 10 to 30 gallons per acre using drift control equipment such as the MICROFOIL Boom or an effective drift control agent such as LO-DRIFT spray additive. Use the higher rates and volumes when plants are dense or under drought conditions.

SMALL AREA APPLICATIONS FOR NON-CROP USE

✓ For control of broadleaf weeds in small non-crop areas with hand held or back-pack sprayers mix 4 fluid ounces WEEDONE LV4 per gallon of water. Thoroughly wet all weed foliage. Maintain agitation of mixture to prevent separation.

✓ FOREST MANAGEMENT

✓ CONIFER RELEASE

✓ To control alder, apply 1 1/2-2 quarts WEEDONE LV4 Broadleaf Postemergence Herbicide in 9 1/2-15 gallons water per acre as a foliage spray. Treat when 3/4 of the brush foliage has attained full size leaves and before new conifer growth reaches 2" in length. This is usually between early May and mid-June. Adjust treatment date depending on stage of growth of conifers and brush species. This may cause leader deformation on exposed firs, but they should overcome this during the second year after spraying.

✓ To control tanoak, ceanothus, canyon live oak, and manzanita, and to release Douglas fir, hemlock, Sitka spruce or grand fir, apply 3 quarts WEEDONE LV4 plus 3 quarts fuel oil in 8 1/2-15 gallons water per acre before new growth on Douglas fir is 2" long. To control manzanita and ceanothus in ponderosa pine, apply 3 quarts WEEDONE LV4 before pine growth begins in spring.

✓ To control hazel brush in the Lake states, apply 2 quarts WEEDONE LV4 in 1 1/2-4 1/2 gallons water per acre when new shoot growth of hazel is complete (usually mid-July).

In northern areas, if possible conifer injury can be tolerated, 1 1/2-3 quarts WEEDONE LV4 applied aerially in 8-25 gallons of water per acre after conifers such as jack pine, red pine, black spruce, and white spruce have hardened off (usually mid-July) will provide control of competing hardwoods including alder, aspen, birch, hazel, and willow.

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SITE PREPARATION

- ✓ Budbreak spray: To control alder and other susceptible species before planting forest seedlings, apply 2-4 quarts WEEDONE LV4 in 9-15 gallons fuel oil per acre after alder buds break, but before foliage is 1/4 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 TRANS-VERT Herbicide Additive may be added for additional alder control.
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- ✓ - Consult your regional or extension forester or state herbicide specialist for recommendations to fit local conditions.
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GARLON is a trademark of the DOW Chemical Co.

BANVEL is a trademark of Velsicol Chemical Corporation

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contaminated clothing before reuse. Wash thoroughly before eating or smoking.

STATEMENT OF PRACTICAL TREATMENT

In case of contact wash skin with soap and water; for eyes flush with water for at least 15 minutes and get medical attention. If swallowed, do not induce vomiting. Get medical attention.

Note to Physician: Aspiration hazards may contraindicate the use of gastric lavage.

Never induce vomiting or give anything by mouth to an unconscious person. Get medical attention immediately.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

USE PRECAUTIONS

Do not apply when weather conditions favor drift from treated areas.

Do not use the same spray equipment for other purposes unless thoroughly cleaned.

Do not use in or near a greenhouse.

Do not contaminate water used for irrigation or domestic purposes.

Do not apply WEEDONE LV4 Broadleaf Postemergence Herbicide directly to, or permit spray mist to drift onto cotton, okra, grapes, tomatoes, fruit trees, vegetables, flowers or other desirable crop or ornamental plants which are susceptible to 2,4-D herbicide. Do not apply near susceptible plants since very small quantities of the 2,4-D will cause severe injury during the growing or dormant periods. Crops contacted by WEEDONE LV4 Broadleaf Postemergence Herbicide sprays or spray drift may be killed or suffer significant stand loss with extensive quality and yield reduction.

Do not apply when a temperature air inversion exists. Such a condition is characterized by little or no air movement and an increase in air temperature with an increase in height. In humid regions a fog or mist may form. An inversion may be detected by producing a smoke column and checking for a layering effect. If questions exist pertaining to the existence of an inversion, consult with local weather services before making an application.

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✓ Use coarse sprays to minimize drift. Do not apply with hollow cone type insecticide or other nozzles that produce fine spray droplets.

Drift from aerial or ground application may be reduced by: (1) applying as near to the target as possible in order to obtain coverage; (2) by increasing the volume of spray mix per acre; (3) by decreasing the pounds of pressure at the nozzle tips; (4) by using nozzles which produce a coarse spray pattern; (5) by not applying when wind is blowing toward susceptible valuable plants.

At high air or ground surface temperatures, vapors from this product may injure susceptible plants.

Storage and Disposal Statements

Storage

Do not store near food, feedstuff, fertilizers, seeds, insecticides, fungicides or other pesticides.

Pesticide Disposal

Do not contaminate water, food or feed by storage or disposal. ✓ Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of ✓ by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. ✓

Container Disposal

✓ Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants that this product conforms to the chemical description on the label; that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; and that the directions, warnings and other statements on this label are based upon responsible experts' evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

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WEEDONE®
LV4

Broadleaf Postemergence
Herbicide

Supplemental label for use as a plant growth regulator on citrus. Do not use
as a herbicide.

ACTIVE INGREDIENT:

2,4-Dichlorophenoxyacetic acid, butoxyethyl ester*..... 60.8%

INERT INGREDIENTS:..... 39.2%

*2,4-Dichlorophenoxyacetic acid equivalent 41.9% by weight or 3.8 pounds per
gallon.

*Isomer specific by AOAC method No. 6.D01-5

E.P.A. Reg. No. 264-20ZA

E.P.A. Est. No. 264-MO-01

264-20
264-20
264-20

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS: SEE INSIDE BOOKLET

IN CASE OF EMERGENCY, TELEPHONE COLLECT
(24 HOURS A DAY) IN U.S.A. (304)744-3487

©UNION CARBIDE AGRICULTURAL PRODUCTS COMPANY, INC.
P.O. Box 12014, T.W. Alexander Drive, Research Triangle Park, N.C. 27709

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COMPANY, INC.

Made in U.S.A.

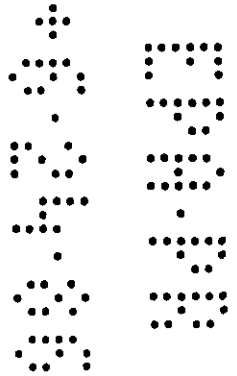
DIRECTIONS FOR USE

It is illegal to use this product in a manner inconsistent with its labeling.

For the Reduction of Pre-harvest Fruit Drop of Citrus ✓ Add the recommended quantity of WEEDONE® LV4 per 100 gallons of water and spray to give outside coverage.

Crop	Timing	ppm of Active WEEDONE LV4	400FR Concentrate	
			Tol.	EPA Compendium 2,4-D Acid
Navel Oranges	Oct. & Nov.	16 to 24	5 ppm	24 ppm
Navel Oranges	Dec. & Jan.	8		
Valencia Oranges	Young Fruit at Least 1/2 inch in diameter	8		
Grapefruit (Summer Drop)	Young Fruit at Least 1/2 inch in diameter	16	5 ppm	24 ppm
Grapefruit (Winter Drop)	Oct. & Nov.	16 to 24	5 ppm	24 ppm
Lemons	Oct. & Dec.	8	5 ppm	12 ppm

- Do not use on citrus trees younger than six years old. ✓
- Do not apply within seven days of harvest. ✓

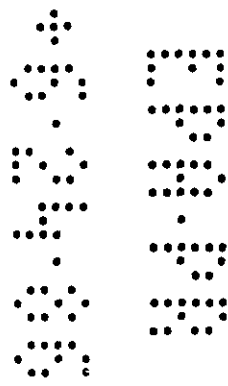


Milliliters of Weedone LV4 to add to the spray
Tank to Obtain the Desired Concentration

Gallons Per Acre	<u>8 ppm</u>	<u>12 ppm</u>	<u>16 ppm</u>	<u>20 ppm</u>	<u>24 ppm</u>
100	6.5	10	13.0	16.5	20
375	25	37.5	50	62	75
500	33	50	66.5	83	100

Fluid Ounces of Weedone LV4 to Add to the spray Tank to Obtain the Desired Concentration *Fl. oz. = 29.57 ml*

Gallons Per Acre	<u>8 ppm</u>	<u>12 ppm</u>	<u>16 ppm</u>	<u>20 ppm</u>	<u>24 ppm</u>
100	0.22	0.34	0.44	0.557	0.676
375	0.845	1.26	1.69	2.09	2.53
500	1.11	1.69	2.24	2.80	3.38



PRECAUTIONARY STATEMENTS

CAUTION

Hazard to Humans and Domestic Animals

Harmful if swallowed or absorbed through skin. Do not get in eyes on skin or on clothing. Avoid breathing vapors or spray mist. Remove and wash contaminated clothing before reuse. Wash thoroughly before eating or smoking.

STATEMENT OF PRACTICAL TREATMENT

In case of contact wash skin with soap and water; for eyes flush with water for at least 15 minutes and get medical attention. If swallowed, do not induce vomiting. Get medical attention.

Note to Physician: Aspiration hazards may contraindicate the use of gastric lavage.

Never induce vomiting or give anything by mouth to an unconscious person. Get medical attention immediately.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

USE PRECAUTIONS

Do not apply when weather conditions favor drift from treated areas.

Do not use the same spray equipment for other purposes unless thoroughly cleaned.

Do not use in or near a greenhouse.

Do not contaminate water used for irrigation or domestic purposes.

Do not apply WEEDONE LV4 Broadleaf Postemergence Herbicide directly to, or permit spray mist to drift onto cotton, okra, grapes, tomatoes, vegetables, flowers or other desirable crop or ornamental plants which are susceptible to 2,4-D herbicide. Do not apply near susceptible plants since very small quantities of the 2,4-D will cause severe injury during the growing or dormant periods. Crops contacted by WEEDONE LV4 Broadleaf Postemergence Herbicide sprays or spray drift may be killed or suffer significant stand loss with extensive quality and yield reduction.

Do not apply when a temperature air inversion exists. Such a condition is characterized by little or no air movement and an increase in air temperature with an increase in height. In humid regions a fog or mist may form. An inversion may be detected by producing a smoke column and checking for a layering effect. If questions exist pertaining to the existence of an inversion, consult with local weather services before making an application.

Use coarse sprays to minimize drift. Do not apply with hollow cone type insecticide or other nozzles that produce fine spray droplets. ✓

Drift from aerial or ground application may be reduced by: (1) applying as near to the target as possible in order to obtain coverage; (2) by increasing the volume of spray mix per acre; (3) by decreasing the pounds of pressure at the nozzle tips; (4) by using nozzles which produce a coarse spray pattern; (5) by not applying when wind is blowing toward susceptible valuable plants. ✓

At high air or ground surface temperatures, vapors from this product may injure susceptible plants.

Storage and Disposal Statements

Storage

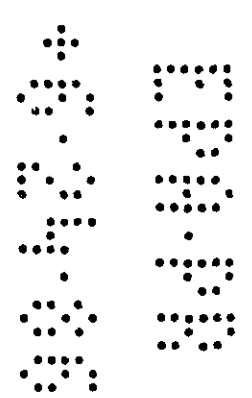
Do not store near food, feedstuff, fertilizers, seeds, insecticides, fungicides or other pesticides. ✓

Pesticide Disposal

Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. ✓



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