

DIRECTIONS

FOLIAGE STEM METHOD

This is the standard method for high volume sprays along fence rows, high ways and rights-of-way. Use it as a "first spray" on thick brush composed of mixed species.

Apply spray to **both** foliage and stems of all plants from the time foliage is fully developed until plants begin to go dormant. For effective control, all leaves, stems and suckers must be thoroughly wet to ground line. Some regrowth may be expected on resistant species such as ash, maple, oak and persimmon.

Add 1 to 1½ gallons of WEEDONE 170 to 100 gallons of water. Mix thoroughly before spraying. Use 200 to 600 gallons of spray mixture per acre depending on height and density of brush.

BASAL BARK METHOD

Thoroughly wet the base and root collar of all stems until the spray collects around the root collar at ground line. This spray may be applied in any season. Apply WEEDONE 170 with the basal bark method on scattered brush, or as a "second spray" on thicker resistant soil first foliage spray.

Mix 3 to 4 gallons of WEEDONE 170 in 100 gallons of oil. Apply with low volume knapsack sprayer or power equipment. Concentration will depend on species present, volume of spray used, and season applied. Use a coarse spray to avoid drift.

MODIFIED BASAL METHOD

Drench the base of plants, then wet the lower 4/5 of remaining stems and leaves to run-off. Treat when brush is in full foliage. This method may be used where susceptible species have been controlled by prior sprays and resistant species such as maple and oak remain. Drenching the base of the plant and wetting all stems to run-off is essential for complete control.

Early season spraying: Add 1 to 1½ gallons of WEEDONE 170 to 10 gallons of diesel oil and mix thoroughly. Add this mixture to 89 gallons of water.

During dry weather or the latter part of spray season: Add 1½ gallons of WEEDONE 170 to 15 gallons of diesel oil and mix thoroughly. Add this mixture to 83½ gallons of water. Agitate thoroughly before spraying, particularly if material is allowed to stand for more than one hour after mixing.

CUT SURFACE

STUMP: This method can be used at any time of year, but is more effective when applied as soon as possible after trees are cut. Spray the entire stump, particularly bark and exposed roots. A thorough drenching is essential for complete control.

Use this method after original or capital clearing. It is the first step toward a chemical brush control program on newly cleared highways and rights-of-way. Spray is most effective and economical on stumps 3 to 4 inches and larger.

Mix 3 to 4 gallons of WEEDONE 170 in 100 gallons of oil. Apply with low volume knapsack sprayer using solid cone nozzle of medium orifice.

FRILL: Make a frill by using an axe to cut overlapping notches in a continuous ring around the trunk near its base. Cut through the bark but do not remove chips. This method is recommended for cull trees 5 to 6 inches in diameter and larger. Treat freshly cut frills at any time of the year. Mix 3 to 4 gallons of WEEDONE 170 in 100 gallons of oil. Pour in as much of this mixture as the frill will hold without wasting chemical.

POWERED KNAPSACK BASAL SPRAY

Mix 8 to 14 gallons of WEEDONE 170 with fuel oil or kerosene to make 100 gallons of spray solution. Apply with a portable knapsack mistblower to lower brush stems. Apply spray to all sides of stems; good root collar coverage is essential. Run knapsack mistblower at 1/4 to 1/3 throttle for best spray delivery and coverage. For maximum drift control use a basal nozzle attachment. Do not raise spray nozzle above horizontal position.

RAILROAD ON-TRACK APPLICATION

Use 1 gallon of WEEDONE 170 and 1 quart of TRANS-VERT in each 100 gallons of water and apply 100 to 300 gallons per acre to control mixed brush growing along railroad rights-of-way and under railroad communication lines. Apply from spray trains or Hi-Rail equipment only. Avoid contact with skin, eyes, or clothing.

AERIAL APPLICATION

MIXED BRUSH UTILITY RIGHTS-OF-WAY: Use 3 gallons of WEEDONE 170 and 1/2 gallon TRANS-VERT mixed in water to make 12 to 15 gallons total volume per acre to control mixed brush growing on utility rights-of-way. Where red maple, conifers, ash, hickory or oak are the major problems, use 3 gallons of WEEDONE 170 and 2/3 gallon TRANS-VERT in 15 gallons total volume per acre.

Apply the spray only through equipment designed to provide effective drift control. A helicopter mounted Amchem MICROFOL applicator or other equipment that provides equivalent drift control is recommended.

SOLID STANDS OF OAK OR ELM: Apply with fixed-wing or helicopter spray. Apply in the spring after hardwoods have the developed full sized leaves. The spray should be applied from early May to mid-June in Texas, and from early May to early July in Oklahoma and Missouri. Spray when wind velocities are less than 5 mph at ground level.

Brush	WEEDONE 170	Oil	Add Water to Make Total
post, black oak and winged elm	2/3 gallon	1 gallon	5 gallon
hard maple oak	½-1 quart	1 gallon	Total 3 gallon

If necessary, repeat spray the second year with 1 quart WEEDONE 170 per acre. For maximum control, use higher volume sprayer the second year using 1 quart WEEDONE 170 per acre.

For aerial application to solid stands of brush in California use 2½ quarts in 3-12 gallons volume per acre. Two to 4 quarts of fuel oil may be included in this mixture.

WATER PREPARATION—FOREST PLANTATIONS: Apply 1 gallon of WEEDONE 170 plus 1 quart of TRANS-VERT mixed with water to make a total of 10 gallons per acre to control competition from mixed trees and brush before planting forest tree seedlings. Do not apply to established plantations as this spray mixture will injure planted conifers.

GENERAL INFORMATION

WEEDONE 170 is a concentrated E0-50 combination of 2,4-D and 2,4-DP as the low-volatile butoxyethanol ester.

WEEDONE 170 is specifically designed for utilities and other industrial uses to control woody plants.

WEEDONE 170 mixes with oil or kerosene and emulsifies in water.

WEEDONE 170 controls many noxious perennial weeds on uncropped land, such as along highways and drainage ditchbanks.

WEEDONE 170 is effective for controlling:

<u>ALDER</u>	<u>PINE</u>
<u>ASPEN</u>	<u>POPLAR</u>
<u>BIG LEAF MAPLE</u>	<u>RED ELDER</u>
<u>BIRCH</u>	<u>RED ELM</u>
<u>BLACK CHERRY</u>	<u>RED MAPLE</u>
<u>BLACKJACK OAK</u>	<u>SALMONBERRY</u>
<u>BUCKBRUSH</u>	<u>SAND SHINNERY OAK</u>
<u>BLACK LOCUST</u>	<u>SPRUCE</u>
<u>ELM</u>	<u>SYCAMORE</u>
<u>HEMLOCK</u>	<u>TULIP POPLAR</u>
<u>HONEYSUCKLE</u>	<u>WILLOW</u>
<u>OAKS</u>	<u>WINGED ELM</u>

(and many other species)

TO PREPARE A SPRAY: Add one-half the required amount of oil or water to the spray tank, then add the product with agitation and finally the balance of the water or oil with continued agitation.

If this material is to be used in straight oil mixtures do not let water get into it or the finished mixture.

This material forms an emulsion in water — not a solution. This tends to separate on standing. Provide agitation to prevent such separation and ensure a uniform spray mixture.

CONTENTS 1 GALLON

WOODY PLANT HERBICIDE

Odor inhibited.

Contains the Butoxyethanol Ester of 2,4-DP and 2,4-D. For control of brush on utility rights-of-way, highways and solid stands of brush.

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

ACTIVE INGREDIENTS:

- *2,4-Dichlorophenoxypropionic acid, butoxyethanol ester
- **2,4-Dichlorophenoxyacetic acid, butoxyethanol ester

INERT INGREDIENTS:

- *2,4-Dichlorophenoxypropionic acid equivalent 21.9% by weight per gallon.
- **2,4-Dichlorophenoxyacetic acid equivalent 21.9% by weight per gallon.



AMCHEM PRODUCTS

First Name in Herbicide Research
AMBLER, PA. ■ Clinton, Iowa ■ St. Joseph, Mo.

EPA Reg. No. 264 270

CONTENTS 1 GALLON

SOLID STANDS OF OAK OR ELM: Apply with brush, wing or backpack sprayer. Apply in the spring after hard frosts have not yet occurred. Full season control. The spray season normally runs from early May to mid-June in Texas, and Oklahoma, and from late May to early July in Oklahoma and Missouri. Spray when wind velocities are less than 5 miles per hour.

Brush	WEEDONE 170	Oil	Add Water to Make Total
part, backpack sprayer and winged sprayer	2/3 gallon	1 gallon	3 gallon
seed sprayer	1/4 quart	1 gallon	Total 3 gallon

If necessary, repeat spray the second year with 1 quart WEEDONE 170 per acre. For maximum control, use higher rate and repeat spray the second year using 1 quart WEEDONE 170 per acre.

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.

SITE PREPARATION-FORREST PLANTATIONS: Apply 1 gallon of WEEDONE 170 plus 1 quart of TRANS-VERT brush spray mixture to make a total of 10 gallons per acre to reduce competition from brush before planting forest tree seedlings. Do not apply to established plantations as this spray mixture will injure planted conifers.

GENERAL INFORMATION

WEEDONE 170 is a concentrated 50-50 combination of 2,4-D and 2,4-OP as the low-volatile butoxyethanol ester.

WEEDONE 170 is specifically designed for utilities and other industrial users to control woody plants.

WEEDONE 170 mixes with oil or kerosene and emulsifies in water.

WEEDONE 170 controls many noxious perennial weeds on uncultivated land, such as along highways and drainage ditchbanks.

WEEDONE 170 is effective for controlling:

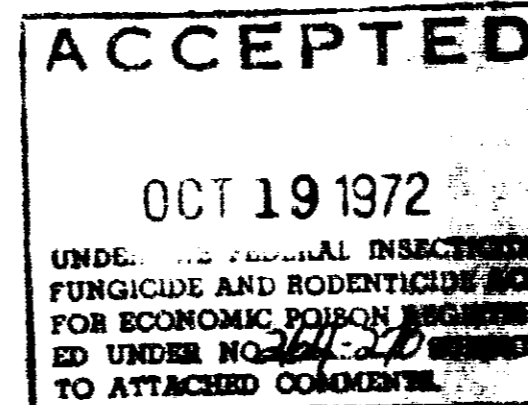
- | | |
|----------------|-----------------|
| ALDER | PINE |
| ASPEN | POPLAR |
| BIG LEAF MAPLE | RED ELM |
| BIRCH | RED MAPLE |
| BLACK CHERRY | SALMONBERRY |
| BLACKJACK OAK | SAND SPRING OAK |
| BUCKBRUSH | SERICE |
| BLACK LOCUST | SYCAMORE |
| FIR | TULIP POPLAR |
| HEMLOCK | WILLOW |
| HONEYSUCKLE | WINGED ELM |
| OAKS | |

(and many other species)

TO PREPARE A SPRAY: Add one-half the required amount of oil or water to the spray tank, then add this product with agitation and finally the balance of the water or oil with continued agitation.

If this material is to be used in straight oil mixtures, do not let water get into it or the finished mixture.

This material forms an emulsion in water - not a solution. This tends to separate on standing. Provide agitation to prevent such separation and ensure a uniform spray mixture.



WOODY PLANT CONTROL

Odor inhibited.

Contains the Butoxyethanol Ester of 2,4-DP and 2,4-D. For controlling mixed brush on utility rights-of-way, along highways and solid stands of oak or elm.

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

ACTIVE INGREDIENTS:

- *2,4-Dichlorophenoxypropionic acid, butoxyethanol ester 31.1%
- **2,4-Dichlorophenoxyacetic acid, butoxyethanol ester 31.6%

INERT INGREDIENTS:

- *2,4-Dichlorophenoxypropionic acid equivalent 21.9% by weight or 2 pounds per gallon.
- **2,4-Dichlorophenoxyacetic acid equivalent 21.9% by weight or 2 pounds per gallon.



AMCHEM PRODUCTS, INC.

First Name in Herbicide Research

AMBLER, PA. ■ Clinton, Iowa ■ St. Joseph, Mo ■ Fremont, Calif.

EPA Reg. No. 264-270

CAUTION

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

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

Under very high temperatures of use, vapors from this product may injure susceptible plants in the immediate vicinity.

This product is toxic to fish. Keep out of any body of water. 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. Rinse spray equipment and containers and dispose of liquid wastes by burying in a pit in non-crop lands located away from water supplies and desirable vegetation. Do not reuse container. Destroy by burying in a safe place away from water supplies. Do not burn.

Do not store near fertilizers, seeds, insecticides or fungicides. Do not contaminate water used for irrigation or domestic purposes. Do not use in a greenhouse. Do not use around the home or in recreational areas.

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.

Form No. 3388 9/72 TC

Printed in U.S.A.