

ACCEPTED
SEP 24 1975
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
EPA Reg. No. 264-284

AMCHEM 2,4,5-T WOODY PLANT HERBICIDE

for the Control of Woody Plants
on utility rights-of-way and
along highways

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

ACTIVE INGREDIENT:
*2,4,5-Trichlorophenoxyacetic acid, butoxypropyl esters 66.5%
INERT INGREDIENTS: 33.5%
*2,4,5-Trichlorophenoxyacetic acid equivalent—
4 lb./gal. or 43.4% /wt.



AMCHEM PRODUCTS, INC.
First Name in Herbicide Research
AMBLER, PA ■ Clinton, IA ■ St. Joseph, MO ■ Fremont, CA
EPA Reg. No. 264 - 284

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.

WHEN MIXING OIL SPRAYS DURING COLD WINTER MONTHS, extra care must be taken to thoroughly mix this product. Add concentrate to oil very slowly and agitate vigorously. Where possible, mix the required amount of concentrate with an equal volume of oil before adding to the spray tank.

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

NOTE: 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.

AMCHEM 2,4,5-T is proven effective on:

ALDER	POISON OAK
ASH	POPLAR
ASPEN	POST OAK
BIRCH	RASPBERRY
BLACKBERRY	RED MAPLE
BOXELDER	REDWOOD
BUCKBRUSH	SASSAFRAS
BUTTONBALL	SCOTCH BROOM
CHESTNUT	SPICEBUSH
DOGWOOD	SUMAC
ELDERBERRY	SWEETGUM
ELM	THIMBLEBERRY
HONEYSUCKLE	VINE MAPLE
LOCUST	VIRGINIA CREEPER
MANZANITA	WALNUT
MESQUITE	WILD CHERRY
OAK	WILD GRAPE
OSAGE ORANGE	WILD ROSE
PERSIMMON	WILLOW
PINE	WITCH HAZEL
POISON IVY	

GENERAL INFORMATION

AMCHEM 2,4,5-T is a special formulation for use in maintaining utility rights-of-way after initial sprays have controlled susceptible brush.

AMCHEM 2,4,5-T is recommended for controlling resistant species such as oak, ash, maple and persimmon.

AMCHEM 2,4,5-T is formulated to mix in oil or emulsify in water. It can also be used in oil-water sprays.

AMCHEM 2,4,5-T is not recommended for selective weed control in crops.

CAUTION

Harmful if swallowed. Avoid contact with skin, eyes or clothing. Avoid inhalation of spray mist.

Avoid spray drift to susceptible plants as this product may injure cotton, beans, tomatoes, tobacco, ornamentals. 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. Do not store near fertilizers, seeds, insecticides, or fungicides. Do not use in a greenhouse. Do not use around the home, in parks or recreational areas.

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 treated areas. Do not contaminate any body of water by washing of spray equipment or disposal of waste.

Do not graze dairy animals on treated areas within 6 weeks after application. Do not graze meat animals on treated areas within 2 weeks of slaughter.

Rinse spray equipment and containers and dispose of liquid wastes in a pit in non-crop lands away from water supplies and not accessible to livestock. Do not reuse empty containers. Destroy in a safe place. Do not burn.

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

AERIAL APPLICATION

Spray when plants have just developed full sized leaves, when soil moisture is sufficient for good growing conditions, when relative humidity is high and wind velocities are less than 5 miles per hour.

For application to brush along utility rights-of-way apply 2 to 3 gallons of WEEDONE 2,4,5-T in 10 to 15 gallons of water per acre using the MICROFOIL[®] boom or other suitable low drift equipment. One gallon of fuel oil may be included in the mixture.

Use with AMDON[®] 101 Mixture: WEEDONE 2,4,5-T may be used with AMDON 101 Mixture herbicide in a tank mix combination spray applied by aircraft for improved control of root suckering species and other species often not adequately controlled with 2,4,5-T. Use 1 gallon of WEEDONE 2,4,5-T plus 2 gallons of AMDON 101 Mixture per acre by diluting with water to a total spray volume of 10 to 30 gallons per acre. Do not add oil or NORBAK[®] particulating agent to the spray. Aerial applications of the tank mixture should be made only with a helicopter mounted Microfoil[®] applicator or an equipment system providing equivalent drift control.

For aerial application to solid stands of brush in California use 2 to 4 quarts in 3 to 12 gallons volume per acre. Two to 4 quarts of fuel oil may be included in this mixture.

DIRECTIONS

BASAL BARK METHOD

Wet the base of all stems until spray puddles on all sides and collect around the root collar at ground line. This method may be used in any season. It is recommended for a "cleanup" of scattered brush, or as a "second spray" on species susceptible to 2,4,5-T.

Mix 3 to 4 gallons AMCHEM 2,4,5-T 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.

CUT SURFACE METHOD

Stump

This method can be used at any time of year, but should be applied as soon as possible after trees are cut. Spray the entire stump, particularly bark and exposed roots. A thorough drenching is essential for effective control. This method is recommended 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 AMCHEM 2,4,5-T in 100 gallons of oil. Apply with a low volume knapsack sprayer using a 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 over. Treat freshly cut surfaces at any time of year.

Mix 3 to 4 gallons of AMCHEM 2,4,5-T in 100 gallons of oil. Pour in as much of this mixture as frill will hold without wasting chemical.

FOLIAGE STEM SPRAY

This is the standard method for high volume sprays. Apply spray to both foliage and stems of all plants from time foliage reaches maturity until plants begin to go dormant. For effective

control, all leaves, stems and suckers must be thoroughly wet to ground line.

Add 1 gallon of AMCHEM 2,4,5-T to 100 gallons of water. Mix thoroughly before spraying.

MODIFIED BASAL METHOD

Drench the base of plants, then wet remaining stems and leaves to run-off, spraying the lower 1/2 of the plants from bottom up. Treat when brush is in full foliage. This method may be used where susceptible species have been killed by prior sprays and resistant species such as maple, oak, persimmon, and ash 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 1 1/2 gallons of AMCHEM 2,4,5-T 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 1 1/2 gallons of AMCHEM 2,4,5-T to 15 gallons of diesel oil and mix thoroughly. Add this mixture to 83 1/2 gallons of water. Stir thoroughly before spraying, particularly if material is allowed to stand for more than one hour after mixing.

AERIAL APPLICATION

Spray when plants have just developed full sized leaves, when soil moisture is sufficient for good growing conditions, when relative humidity is high and wind velocities are less than 5 miles per hour.

For application to brush along utility rights-of-way apply 2 to 3 gallons of AMCHEM 2,4,5-T in 10 to 15 gallons of water per acre using the MICROFOIL® boom or other suitable low drift equipment. One gallon of fuel oil may be included in the mixture.

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