

DIRECTIONS

BASAL BARK SPRAY

Wet the basal bark stems with spray paddles on all sides and around the root collar at ground level. This method may be used at any season, it is recommended for a clean up of scattered brush or resistant species.

Mix 3 to 4 gallons of DINOXOL in 100 gallons of oil. Apply with a low volume knapsack sprayer or power equipment. Use the higher rate on resistant species or when plants are not growing actively.

STUMP TREATMENT

This method can be used at any time of year, but is most 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 effective control.

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

Mix 3 to 4 gallons of DINOXOL in 100 gallons of oil. Apply with a low volume sprayer or spray on a solid cover of brush 4 to 6 feet high.

FRILL TREATMENT

Make a frill by using a saw to cut overlapping notches in bark. The notches should be made in a continuous line through the bark and into the remaining sap. The notches should be made on all sides of the stem, 3 to 4 inches apart and deep. To get the best results, cut the frill in the spring.

Mix 3 to 4 gallons of DINOXOL in 100 gallons of oil. Apply with a low volume sprayer or spray on a solid cover of brush 4 to 6 feet high.

NOTE:

TREE INJECTION

Make injections as near the root collar as possible using one injection per inch of trunk diameter at breast height (4' ft). For resistant species such as hickory, injections should overlap. Injections may be made at any time of year, but are most effective during the growing season.

Mix 1 gallon of DINOXOL in 19 gallons of fuel oil.

CONIFER RELEASE AND SITE PREPARATION

Washington, Oregon, California

To control alder, apply 2.4 quarts of DINOXOL in 19 gallons of fuel oil per acre just before or after Douglas fir bursts its buds in early spring and before alder leaves have expanded.

DORMANT CANE BROADCAST UTILITY RIGHTS-OF-WAY

Use at any time after brush is dormant and leaves have dropped. Sprays must be concentrated at the base of stems. This broadcast spray the upper part of stems enough to wet them. For resistant species such as locust, sumac and locust, also spray all the ground within the perimeter of the trees to control small root sprouts that may be covered by the leaf litter.

Mix 1 gallon of DINOXOL in 100 gallons of fuel oil. Use about 150 gallons of this mixture per acre on brush 4 to 6 feet high.

AERIAL SPRAY

Apply spray when plants have just developed tender leaves, when soil moisture is sufficient for good growth conditions, when relative humidity at the ground level is less than 70% for 24 hours.

For broadcast spray of utility rights-of-way, use 2 to 3 gallons of DINOXOL in 50 to 100 gallons of fuel oil per acre. Mix thoroughly before spraying.

DINOXOL

For the Control of Wood
utility rights-of-way, forest
and in rangelands

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

ACTIVE INGREDIENTS:

**2,4-Dichlorophenoxyacetic acid, butoxyethanol
**2,4,5-Trichlorophenoxyacetic acid, butoxyethanol

INERT INGREDIENTS

*2,4-Dichlorophenoxyacetic acid equivalent 21.9%
per gallon.
**2,4,5-Trichlorophenoxyacetic acid equivalent 21.9%
per gallon.



A HOFFER AMCHEM COMPANY



AMCHEM PRODUCTS

First Name in Herbicide Research
AMBLER, PA • Clinton, IA • St. Joseph, MO
EPA Reg. No. 264-10

ACCEPTED

UNDER THE
FUNDING
FOR
TO UNIFORM

DIRECTIONS

BASAL BARK SPRAY*

Wet the base of all stems until spray puddles on all sides and collects around the root collar at ground line. This method may be used in any season. It is recommended for a "clean up" of scattered brush or on resistant species.

Mix 3 to 4 gallons of DINOXOL in 100 gallons of oil. Apply with a low volume knapsack sprayer or power equipment. Use the higher rate on resistant species, or when plants are not growing actively.

STUMP TREATMENT*

This method can be used at any time of year, but is most 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 effective control.

Use this method after the 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 DINOXOL in 100 gallons of oil. Apply with a low volume knapsack sprayer using a solid cone nozzle of medium orifice.

FRILL TREATMENT*

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 frills at any time of the year.

Mix 3 to 4 gallons of DINOXOL in 100 gallons of oil. Pour in as much of this mixture as the frill will hold without wasting chemical.

*NOTE: For use on utility rights-of-way and in forest management apply no more than 1 gallon of this preparation per acre.

For use in rural cleared clearance apply no more than 1/2 gallon of total spray per acre.

TREE INJECTION

Make injections as near the root collar as possible, using one injection per inch of trunk diameter at breast height (4½ ft.). For resistant species such as hickory, injections should overlap. Injections may be made at any time of year, but are most effective during the growing season.

Mix 1 gallon of DINOXOL in 19 gallons of fuel oil.

CONIFER RELEASE AND SITE PREPARATION

Washington, Oregon, California

To control alder, apply 2-4 quarts of DINOXOL in 9½-19 gallons fuel oil per acre just before or as Douglas-fir bursts its buds in early spring and before alder leaves have expanded.

DORMANT CANE BROADCAST UTILITY RIGHTS-OF-WAY

Treat any time after brush is dormant and leaves have dropped. Sprays must be concentrated at the base of stems, then broadcast spray the upper parts of stems enough to wet them. For root suckering species such as locust, sumac and sassafras, also spray all the ground within the drip line of these trees to control small root suckers that may be covered by the leaf litter.

Mix 1½ gallons of DINOXOL in 100 gallons of fuel oil. Use about 150 gallons of this mixture per acre on dense brush 4 to 6 feet high.

AERIAL SPRAY

Apply 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 aerial spray of mixed brush on utility rights-of-way, use 1 to 1½ gallons of DINOXOL in 5½ to 6 gallons of oil per acre. Mix thoroughly before spraying.

DINOXOL®

For the Control of Woody Plants on utility rights-of-way, forests and in rangelands

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

ACTIVE INGREDIENTS:

*2,4-Dichlorophenoxyacetic acid, butoxyethanol ester 31.8%
**2,4,5-Trichlorophenoxyacetic acid, butoxyethanol ester 30.4%

INERT INGREDIENTS

37.8%
*2,4-Dichlorophenoxyacetic acid equivalent 21.9% by weight or 2 pounds per gallon.
**2,4,5-Trichlorophenoxyacetic acid equivalent 21.9% by weight or 2 pounds per gallon.



AMCHEM PRODUCTS, INC.

First Name in Herbicide Research

AMBLER, PA ■ Clinton, IA ■ St. Joseph, MO ■ Fremont, CA

EPA Reg. No. 264-103 AA

GENERAL INFORMATION

DINOXOL is formulated to mix with straight oil. It should not be used in water or oil-water sprays.

DINOXOL is effective for controlling:

ALDER	ELDERBERRY	PEAR
ASH	ELM	RASPBERRY
ASPEN	GALLBERRY	SASSAFRAS
BIRCH	GROUND CHERRY	SPICEBUSH
BLACKBERRY	HONEYSUCKLE	SUMAC
BOX ELDER	HORSE CHESTNUT	SWEET GUM
BUCKBRUSH	KUDZU/VINE	SYCAMORE
BUTTERNUT	LOCUST	VIRGINIA CREEPER
CATALPA	OAK	WALNUT
CHESTNUT	OSAGE ORANGE	WILD CHERRY
CRABAPPLE	PERSIMMON	WILD GRAPE
DEWBERRY	PINE	WILD ROSE
DOGWOOD	POISON IVY	WILLOW
	POISON OAK	

and many other species.

To PREPARE A SPRAY: Add one-half the required amount of oil to the spray tank, then add this product with agitation and finally the balance of the oil with continued agitation. Do not let water get into the finished mixture. When diluting, the material must be mixed thoroughly before using. If the material is allowed to stand for any length of time after dilution, it should be stirred again before using.

POWERED KNAPSACK BASAL SPRAY UTILITY RIGHTS-OF-WAY

Mix 10 to 14 gallons of DINOXOL with fuel oil or kerosene to make 100 gallons of spray solution. Apply with 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.

Apply 30 gallons of spray solution per acre if brush cover is dense and 20 gallons of spray solution if brush cover is light.

Aerial spraying is a specialized job. Secure qualified technical guidance for each job, and employ a competent, reliable applicator. Become familiar with state laws governing the application of herbicides. Do not use aerial sprays in areas where possible drift may injure valuable crops or plants.

CAUTION

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

Avoid spray drift to susceptible plants such as fruit trees, ornamentals, and ornamentals in 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. Do not store near fertilizers, seeds, insecticides, or fungicides. Do not use in a green house. 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 water by cleaning of 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 waste in a pit or non-crop lands away from water supplies, and not accessible to livestock. Do not reuse empty containers. Destroy immediately.

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 on the product label and 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 risk and in the event of damage arising from a breach of the warranty, to accept refund of the purchase price of the product as full discharge of Amchem's liability.

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