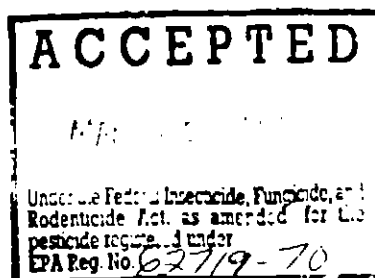


Specimen Label



Remedy*

Herbicide

For the Control Of Woody Plants and Broadleaf Weeds on Rangeland, Permanent Grass Pastures and Non-crop Areas

Active Ingredient(s):

Triclopyr (3,5,6-trichloro-2-pyridinyloxyacetic acid), Butoxyethyl Ester 61.6%

Inert Ingredient(s) 38.4%

Acid Equivalent, Triclopyr - 44.3% - 4 lb/gal

Contains petroleum distillates

E.P.A. Registration No. 62719-70

E.P.A. Est. 464-MI-1^{MM}; 42761-MS-1^{PV}; 52379-MI-002^{XI}

Superscript used corresponds to letters in LOT number

KEEP OUT OF REACH OF CHILDREN

**CAUTION
PRECAUCION.**

PRECAUCION AL USUARIO:

Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

**HARMFUL IF SWALLOWED, INHALED
OR ABSORBED THROUGH SKIN**

Avoid Contact With Eyes, Skin, Or Clothing

• Avoid Breathing Mists Or Vapors • Avoid Contamination Of Food • Wash Thoroughly After Handling • Remove And Wash Contaminated Clothing Before Reuse

STATEMENT OF PRACTICAL TREATMENT: In case of skin contact, flush skin with plenty of water. Get medical attention if irritation persists. If swallowed, do not induce vomiting. Call a physician.

Physical or Chemical Hazards

COMBUSTIBLE • Do Not Use or Store Near Heat or Open Flame. Do Not Cut or Weld Container.

Environmental Hazards

This pesticide is toxic to fish. Keep out of lakes, ponds or streams. Do not contaminate water by cleaning of equipment or disposal of wastes.

NOTICE

Read and understand the entire label before using. Use only according to label directions.

Before buying or using this product, read "WARRANTY LIMITATIONS AND DISCLAIMER" elsewhere on this label. If terms are not acceptable, return **unopened** package at once to seller for full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under WARRANTY LIMITATIONS AND DISCLAIMER.

IN CASE OF AN EMERGENCY

endangering life or property involving this product, call collect 517-636-4400

AGRICULTURAL CHEMICAL

Do Not Ship or Store with Food, Feeds, Drugs, or Clothing

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Remedy

GENERAL INFORMATION

REMEDY Herbicide is an oil soluble, emulsifiable liquid product containing triclopyr. Small amounts can kill or injure many broadleaved plants. To prevent damage to crops and other desirable plants, follow all directions and precautions.

REMEDY Herbicide is recommended for the control of mesquite and associated woody plants and annual and perennial broadleaf weeds on rangeland, permanent grass pastures, non-crop areas (including fence rows and roadsides) and for non-irrigation ditch banks.

Woody plant species controlled include:

Alder	Dogwood	Poplar
Ash	Elderberry	Sassafras
Aspen	Elm (except winged elm)	Sumac
Beech	Hawthorn	Wax myrtle (top growth)
Birch	Locust	Wild roses
Blackberry	Maple (except bigleaf, and vine ¹)	Willow
Blackbrush		
Cascara	Oaks (except black, blackjack, post, shinnery)	
Ceanothus		
Cherry		
Cottonwood	Poison Oak	

¹ basal or dormant stem applications only

Annual, biennial and perennial broadleaf weeds controlled include:

Black Medic	Lespedeza
Burdock	Mustard
Chicory	Plantain
Cinquefoil	Vetch
Clover	Wild Carrot (top growth)
Curly Dock	Wild violet
Dandelion (top growth)	Yarrow
Lambsquarters	

Note: Many forbs are susceptible to REMEDY. Do not spray pastures containing desirable forbs, especially legumes such as clover, unless injury or loss of such plants can be tolerated. However, the stand and growth of established grasses usually is improved after spraying, especially when rainfall is adequate and grazing is deferred.

Do not use on newly seeded grasses until the grass has established a good root system, shows good vigor and is tillering. Do not reseed treated areas for a minimum of three weeks after treatment.

DIRECTIONS FOR USE

Do not use for manufacturing or formulating.

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product through any type of irrigation system.

High-Volume Leaf-Stem Treatment of Individual Plants Using Ground Equipment

For control of woody plants, use REMEDY Herbicide at a concentration of 1 to 3 quarts in water to make 100 gallons of spray mixture, or REMEDY Herbicide at 1½ to 3 pints as a tank mix with ¼ to ½ gallon of 2,4-D low-volatile ester, diluted to make 100 gallons of spray. Depending on the size and density of the woody plants involved, apply sufficient spray volume to thoroughly wet all leaves, stems, and root collars but **do not exceed application of more than 1 quart of REMEDY per acre**. To minimize spray drift, select the minimum spray pressure that will provide adequate plant coverage without forming a mist and keep sprays no higher than brush tops. Nalco-Trol drift control additive or equivalent is recommended to reduce spray drift.

Foliar Broadcast Treatment Using Aerial (Helicopter Only) or Ground Equipment

Susceptible Woody Plants: Use 2 pints of REMEDY Herbicide in enough water to make a minimum of 10 gallons of total spray per acre, alone or in combination with 2 to 3 quarts of 3.8 lb/gal 2,4-D low volatile ester or amine formulation. When hard-to-control species such as ash, choke cherry, elm, maple or oaks are prevalent, and during applications made when plants are mature late in the summer or during drought conditions, use the higher rates of REMEDY Herbicide, alone or with 2,4-D. High-volume foliar or conventional basal bark treatment methods can also provide adequate control under these conditions.

For kudzu management, apply REMEDY Herbicide at 1 quart per acre. Repeat application may be necessary.

Susceptible Broadleaf Weeds: Use REMEDY Herbicide at rates of 2 pints in a minimum total volume of 10 gallons per acre as a water spray mixture. Apply at anytime the weeds are actively growing. REMEDY Herbicide at ½ to 3 pints may be tank-mixed with 1 to 2 quarts of 3.8 lb/gal 2,4-D amine or low volatile ester.

Use in Liquid Nitrogen Fertilizer: REMEDY may be combined with liquid nitrogen fertilizer suitable for foliar application to accomplish weeding and feeding of grass pastures in one operation. Use REMEDY Herbicide in accordance with recommendations for grass pastures as given on this label. Use liquid fertilizer at rates recommended by supplier or Extension Service Specialist. Test for mixing compatibility using desired procedure and spray mix proportions in clear glass jar before mixing in spray tank. A compatibility aid such as Unite or Complex may be needed in some situations. **Compatibility is best with straight liquid nitrogen fertilizer solutions. Mixing with N-P-K solutions or suspensions may not be satisfactory even with the addition of compatibility aid.** Premixing REMEDY Herbicide with 1 to 4 parts water may help in difficult situations.

Fill the spray tank about half-full with the liquid fertilizer then add the herbicide with agitation and complete filling the tank with fertilizer. Apply immediately and continue agitation in the spray tank during application. **Do not store the spray mixture.** Application during very cold weather (near freezing) is not advisable.

NOTE: Do not use spray equipment for other applications to land planted, or to be planted to susceptible crops or desirable plants, **unless** it has been determined that all phytotoxic herbicide residue has been removed by thorough cleaning of the equipment.

For best results, applications should be made when woody plants and weeds are actively growing.

Single Stem Non-Foliar Applications

Conventional Basal Spray: Mix 2 gallons of REMEDY Herbicide with 98 gallons of diesel fuel (8 fluid oz 3 gallons of diesel for small sprayers). Spray basal 15 to 20 inches of plant to the point of runoff accumulation at the soil surface. Thorough wetting of the indicated area is necessary for good control. Old or rough bark requires more spray than smooth young bark. Spray at **anytime** of the year when soils are dry, but best results for mesquite will be achieved when temperatures are high and soils are dry enough to be withdrawn from the base of the plant. Do not apply when snow or water prevent spraying to the groundline. Follow-up treatment may be needed in two or more years to control escaped species, especially root sprouters such as sumac. For oil-water mixture applications, mix 2 gallons of REMEDY Herbicide, 25 gallons of oil and one half gallon of 2,4-D low volatile ester and add to 72.5 gallons of water as indicated on the mixing directions. Treat as above. For best results, in oil-water mixtures, treat only stems 2 inches or less in diameter.

Dormant Stem Treatment: Mix 3 to 6 quarts of REMEDY Herbicide in enough oil to make 100 gallons of spray. Apply with knapsack or power spraying equipment, using low pressure (20-40 psi). Treat any time when brush is dormant and most of the foliage has dropped. Do not apply when snow or water prevent spraying to the groundline. Thoroughly wet the upper parts of the stems and use the remainder needed to wet the lower 12 to 15 inches above the ground to the point of run-off. For root suckering species such as sumac, sassafras and locust, also spray the ground under the plant to cover small root suckers which may not be visible above the soil surface. For oil-water mixture application, mix 6 quarts of REMEDY Herbicide, 25 gallons of oil and 1.5 gallons of an approved agricultural spray emulsifier such as Sponto 712 or Triton X-100 as indicated in the mixing directions. Treat as above.

Thinline Basal Bark Treatment: Control of susceptible woody plants such as red maple, blackberry, dogwood, red and white oak, with stems less than 6 inches in diameter can be achieved with applications of undiluted REMEDY Herbicide in a thin stream to all sides of the stems about 6 inches above the base of the plants. The stream should be directed horizontally to apply a narrow band of REMEDY around each stem or clump. From 2 to 15 ml of chemical is required for treatment of single stems and from 25 to 100 ml to treat clumps of stems. Use an applicator metered or calibrated to deliver the small amounts required.

Low Volume Basal Bark Treatment Susceptible woody plants such as red maple, red and white oak, birches and aspen, with stems less than 6 inches in basal diameter, can be controlled by low volume basal applications of REMEDY Herbicide. Mix 20 to 30 gallons of REMEDY Herbicide in enough oil to make 100 gallons of total spray mixture. Apply with a backpack or knapsack (but not with a mistblower) using low pressure and a solid cone or flat-fan nozzle. Spray the basal parts of the brush and tree trunks in a manner which thoroughly wets the lower stem, including the root collar area, but not to the point of runoff. Herbicide concentration should vary with size and susceptibility of species treated. Apply at any time, including the winter months, except when snow or water prevent spraying to the ground line.

Treatment of Cut Stumps in California - To control resprouting, apply undiluted REMEDY Herbicide to wet the area adjacent to the cambium and bark around the entire circumference of freshly cut stumps.

Treatments may be applied throughout the year, however control may be reduced with treatment during periods of moisture stress as in late summer. Stumps should be cut so that they are approximately level to facilitate uniform REMEDY Herbicide coverage. Use an applicator which can be calibrated to deliver the small amounts of material required.

Cut Stump Treatment: To control resprouting of freshly cut stumps of susceptible species, mix 20 to 30 gallons of REMEDY Herbicide in enough oil to make 100 gallons of spray mixture. Apply with a backpack or knapsack sprayer using low pressures and a solid cone or flat fan nozzle. Spray the sides of the stump and the outer portion of the cut surface, including the cambium in a manner which thoroughly wets the stem and root collar area, but not to the point of runoff. Spray mixture concentration should vary with the size and susceptibility of species treated. Apply at any time, including in winter months, except when snow or water prevent spraying to the groundline.

For all the above basal and dormant brush applications, do not use more than 1.5 quarts of REMEDY Herbicide per acre.

Grazing Restrictions

Withdraw livestock from treated forage at least 3 days before slaughter during the year of treatment. Do not graze lactating dairy animals on treated areas for one year following treatment. Do not harvest grass for hay from treated areas for one year following treatment.

Note: Read and carefully follow all applicable directions, restrictions, and precautions on labeling for other products used in combination with REMEDY Herbicide.

APPLICATION AND MIXING DIRECTIONS

Spray volume should be sufficient to obtain complete and uniform foliar coverage. For aerial application (helicopter only) and for ground application, apply 10 or more gallons of total spray volume per acre.

REMEDY Herbicide may be applied by diluting with water or by preparing an oil-water emulsion. The latter type of spray mixture performs more dependably under a broader range of conditions than straight water dilutions and is especially recommended for aerial applications.

Oil-water emulsions (1:5 ratio) may be prepared using diesel fuel, fuel oil, or kerosene plus an emulsifier such as Sponto 712 or Triton X-100. Use a jar test to check spray mix compatibility before preparing oil-water emulsion sprays in the mixing tank.

For water dilutions add 2 quarts of agricultural surfactant per 100 gallons of spray mixture to provide improved wetting of brush and weed foliage. To help minimize spray drift, include a drift control and deposition aid such as Nalco-Trol or its equivalent, in all spray mixes.

Spray mixtures containing REMEDY Herbicide should be prepared according to the following directions:

1. Add half the needed water to the mixing tank.
2. Add water soluble herbicide (if used).
3. Slowly add a premix of oil emulsifier (if oil-water emulsion), and REMEDY Herbicide plus other oil-soluble herbicide (if used), e.g. 2,4-D ester. **NOTE:** Do not allow water or mixtures containing water to get into the premix or REMEDY Herbicide since a thick inert water-in-oil emulsion may be formed that will be difficult to break. Such an emulsion may also be formed if the premix or REMEDY is put in the mixing tank before the addition of water.
4. Add the remaining water. Also during final filling of the tank add Nalco-Trol or equivalent drift control and deposition aid (if used), plus an agricultural surfactant (if a water dilution rather than an oil-water emulsion spray is used).

Continuous agitation of the spray mixture during both mixing and application is necessary to ensure uniformity.

Oil Mixture Sprays for Basal Treatment: Use only diesel oil, No. 1 or No. 2 fuel oil or kerosene. Add REMEDY Herbicide to the required amount of oil in the spray tank or mixing tank and mix thoroughly. If the mixture stands over 4 hours, reagitation is required.

USE PRECAUTIONS

Apply this product only as specified on this label.

Before using any recommended tank-mixtures, read the directions and all use precautions on both labels.

Do not apply REMEDY Herbicide directly to, or otherwise permit it to come into direct contact with, cotton, grapes, peanuts, soybeans, tobacco, vegetable crops, flowers, citrus or other desirable broadleaf plants, and do not permit spray mists containing it to drift onto them.

Avoid Injurious Spray Drift: Applications should be made only when there is little or no hazard from spray drift. Very small quantities of spray, which may not be visible, may seriously injure susceptible plants. Do not spray when wind is blowing toward susceptible crops or ornamental plants near enough to be injured. It is suggested that a continuous smoke column at or near the spray site or a smoke generator on the spray equipment be used to detect air movement, lapse conditions, or temperature inversions, or stable air. If the smoke layers or indicates a potential of hazardous spray drift, do not spray.

Ground Equipment: With ground equipment, spray drift can be lessened by keeping the spray boom as low as possible, by applying 20 gallons or more of spray per acre, by the use of Naico-Trol drift control and deposition aid or its equivalent, by keeping the operating spray pressures at the lower end of the manufacturers recommended pressures for the specific nozzle type used (low pressure nozzles are available from spray equipment manufacturers); by spraying when the wind velocity is low (Follow state regulations); Avoid calm conditions which may be conducive to air inversions. In hand-gun applications, select the minimum spray pressure that will provide adequate plant coverage (without forming a mist). Do not apply with hollow cone-type insecticide or other nozzles that produce a fine-droplet spray. Do not use a mistblower.

Aerial Application: With aerial applications (helicopter only), use a drift control system such as Microfoil or Thru-Valve booms, or use Naico-Trol drift control additive or equivalent. Keep spray pressures low enough to provide coarse spray droplets. Spray boom should be no longer than $\frac{3}{4}$ of the rotor length. Do not use a thickening agent with the Microfoil or the Thru-Valve booms, or other systems that cannot accommodate thick sprays. Spray only when the wind velocity is low (Follow state regulations). Avoid calm conditions which may be conducive to air inversions.

Do not permit injurious amounts of herbicide to contaminate irrigation ditches or water used for irrigation or domestic purposes.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store above 28 F or agitate before use.

DISPOSAL:

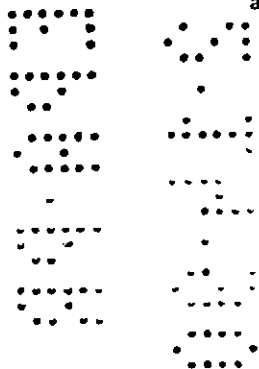
Prohibitions: Open dumping is prohibited.

Pesticide Disposal: Pesticide spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to applicable federal, state, or local procedures.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic containers may also be disposed of by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

General: Consult federal, state, or local disposal authorities for approved alternative procedures.

Be sure that use of this product conforms to all applicable regulations.



SPECIMEN LABEL 86-1939 DATE CODE 190
REPLACES 86-1939 DATE CODE 1288
DISCARD PREVIOUS SPECIMEN LABELS
THIS IS AN INITIAL DOWELANCO PRINTING

WARRANTY LIMITATIONS AND DISCLAIMER

DowElanco warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions thereon under normal conditions of use. THIS IS THE ONLY WARRANTY MADE ON THIS PRODUCT. NO OTHER EXPRESS AND NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OUTSIDE OF THIS LABEL. Therefore, neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.) under abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes, etc.) or under conditions not reasonably foreseeable to or beyond the control of seller.

When buyer or user suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), buyer or user must promptly notify in writing DowElanco of any claims to be eligible to receive either remedy given below. The EXCLUSIVE REMEDY OF THE BUYER OR USER and the LIMIT OF LIABILITY of DowElanco or any other seller will be one of the following at the election of DowElanco:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of an amount of product used.

The seller will not be liable for consequential or incidental damages or losses.

The terms of this Warranty Limitations And Disclaimer cannot be varied by any written or verbal statements or agreements. Any employee or sales agent of the seller is not authorized to vary or exceed the terms of this Warranty Limitations And Disclaimer in any manner.
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REVISIONS INCLUDE:

- 1) CLARIFICATION OF USE DIRECTIONS
- 2) REVISED PLANT SPECIES
- 3) AERIAL APPLICATION RESTRICTED TO HELICOPTER ONLY
- 4) ADDITION OF CUT STUMP TREATMENT
- 5) CLARIFICATION OF SPRAY OPERATING PRESSURES AND PRECAUTIONS
- 6) CHANGED REGISTRATION NUMBER FROM 464-594 TO DOWELANCO 62719-70
- 7) CHANGED WARRANTY STATEMENT TO REFLECT TRANSFER TO DOWELANCO