



12.5% Water Soluble Bromacil Liquid Weed Killer

Controls Most Brush & Weedy Species On
Non-Crop Land When Used As Directed On Labeling.

ACTIVE INGREDIENT:

Lithium salt of bromacil (5-bromo-3-sec-butyl-6-methyluracil) 12.5%

INERT INGREDIENTS: 87.5%

Contains 1.1 pounds bromacil per gallon.

KEEP OUT OF REACH OF CHILDREN

WARNING

SEE SIDE/BACK PANEL FOR
ADDITIONAL PRECAUTIONS!

NET CONTENTS
1 Gallon (3.8 liters)

U.S. Pats
3,352,862 & 3,235,357

Manufactured By
Van Waters & Rogers
division of **Univar**
San Mateo, CA 94403

EPA Reg. No. 550-1XX-AA
EPA Est. No. 550-CA-1

ACCEPTED

FEB 13 1985

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 550-171

KEEP OUT OF REACH OF CHILDREN

WARNING

PRECAUTIONARY STATEMENTS

STATEMENT OF PRACTICAL TREATMENT: FIRST AID

If in eyes: Flush with plenty of water. Get medical attention if irritation persists.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

HAZARDS TO HUMANS

Harmful or fatal if swallowed. Causes eye irritation. May irritate nose, throat, and skin. Do not get in eyes. Avoid contact with skin and clothing. Avoid breathing vapors. Wash thoroughly with soap and water after handling and before eating or smoking.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL AND CHEMICAL HAZARDS

COMBUSTIBLE MIXTURE: Do not use, pour, spill, or store near heat or open flame. Keep container closed when not in use. Product will freeze at temperatures below 32° F.

DIRECTIONS FOR USE

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

General Information

Van Waters & Rogers 12.5% Water Soluble Bromacil Liquid Weed Killer may be applied to noncrop areas undiluted or diluted with water as conditions and equipment allows. It is an effective general herbicide for control of brush and many annual and perennial weeds, and is particularly useful for control of perennial grasses. Effects are slow to appear and may not become apparent until the chemical has been carried into the root zone of the weeds by moisture. The degree of control and duration of effect will vary with the amount of chemical applied, soil type, rainfall, and other conditions.

Prohibitions: Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment. Open dumping is prohibited. Avoid contamination of feed and food-stuff.

Pesticide Disposal: Pesticide 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 container. Then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by incineration if allowed by state and local authorities.

injury to or loss of desirable trees or other plants may result from failure to observe the following: Do not apply, drain, or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots. Do not use on lawns, walks, driveways, tennis courts, or similar areas. Prevent drift of spray to desirable plants. Do not contaminate domestic waters. Keep from contact with fertilizers, insecticides, fungicides and seeds. Thoroughly clean all traces of this product from application equipment immediately after use. Flush tank, pump, hoses, and boom with several changes of water after removing nozzle tips and screens (clean these parts separately).

Keep container closed when not in use.

Van Waters and Rogers 12.5% Water Soluble Bromacil Liquid Weed Kifer is non-volatile, non-flammable, and non-corrosive to metals except aluminum. Do not use with aluminum spray nozzles.

This product should be used only in accordance with recommendations on this label, or in separate published manufacturer's recommendations available through local dealers.

Seller will not be responsible for losses or damages resulting from use of this product in any manner not specifically recommended by seller. User assumes all risk associated with such nonrecommended use.

Apply this product just before or during the period of active growth of plants to be controlled when rainfall can be expected for soil activation. If dense growth is present, results will be improved if vegetation is removed before treatment. Do not apply when ground is frozen.

Before spraying, calibrate equipment to uniformly apply the product. Use a fixed-boom power sprayer properly calibrated to a constant speed and rate of delivery. For application with a hand-gun sprayer, be careful to obtain even distribution of the herbicide to the soil. For treating small areas, a tank-type hand sprayer may be used.

To control most weeds for an extended period of time on noncropland areas such as RAILROAD, HIGHWAY AND PIPELINE RIGHT-OF-WAYS, PETROLEUM TANK FARMS LUMBERYARDS, STORAGE AREAS, AND INDUSTRIAL PLANT SITES:

Apply 2-3/4 to 5-1/2 gals. of this product per acre to control ANNUAL WEEDS and GRASSES such as bromegrass, cheatgrass, crabgrass, foxtail, lambsquarters, orchardgrass, puncturevine, ragweed, ryegrass, turkey mullen, and wild oats. When applied just prior to or after emergence of annuals, rates as low as 1-3/4 gals. per acre control many annual weeds and grasses in low rainfall areas and give short-term control in higher rainfall areas.

Apply 5-1/2 to 10-1/2 gals. of this product per acre to control PERENNIAL WEEDS and GRASSES such as aster, bahiagrass, bluegrass, broomsedge, dandelion, dogfennel, goldenrod, plantain, purpletop, quackgrass, redtop, smooth brome, and wild carrot. In areas with low or seasonal rainfall, rates as low as 4 gals. per acre control many perennial weeds and grasses.

Apply 10-1/2 to 21 gals. of this product per acre to control JOHNSONGRASS; use at the same rate for OTHER HARD-TO-KILL PERENNIAL WEEDS and GRASSES such as bermudagrass, bouncingbet, bracken fern, dallisgrass, dogbane, horsetail, nutsedge, saltgrass, and vaseygrass. Where limited rainfall (usually less than 4 inches) occurs during the active growth period, such as some areas of the West, this product will not provide satisfactory control of hard-to-kill, deep-rooted perennial weeds such as johnsongrass.

Use the higher levels of the dosage ranges on adsorptive soils (usually those high in organic matter or carbon).

Retreatment. Apply 1-1/3 to 5-1/2 gals. of this product per acre when annual weeds and grasses reappear on sites where weed growth has been controlled.

Brush Control

To control undesirable woody plants on noncropland areas such as RAILROAD RIGHT-OF-WAYS, STORAGE AREAS, INDUSTRIAL PLANT SITES, AND DRAINAGE DITCHES:

Apply in spring or summer as a broadcast or basal (soil) treatment; for use on drainage ditches, apply as a basal (soil) treatment only.

Note: For effective brush control and prevention of damage to desirable vegetation: do not apply to brush standing in water; do not use water from treated ditches for irrigation; do not use in irrigation ditches nor on right of ways or other sites where marketable timber or other desirable trees or shrubs are immediately adjacent to the treated area.

Broadcast Treatment: Apply 4 to 8-3/4 gals. per acre to control oak, pine, sweet gum, and willow; apply 10-1/2 to 21 gals. per acre to control brush such as American elm, cottonwood, hackberry, sumac, and winged elm. Use the higher levels of the dosage ranges on adsorptive soils (those high in organic matter or carbon).

Basal (Soil) Treatment — Controls woody plants such as cottonwood, hackberry, maple, oak, poplar, red bud, sweet gum, wild cherry, willow, winged elm, American elm and sumac.

Diluted: Mix three (3) parts of this product with seven (7) parts water and apply this diluted solution at the rate of 1 to 2 fl. oz. per stem 2" to 4" in basal diameter; wet base of stem to run-off.

Undiluted: Apply this product undiluted with an exact delivery hand-gun applicator; this equipment delivers a thin stream of a predetermined volume when triggered. Apply at the rate of 8.75 to 17.5 milliliters per stem 2" to 4" in basal diameter; direct the treatment to a spot at the base of the brush (root collar area). When treating large stems and more than one delivery of solution is needed per stem, apply on the opposite side of the stem. **Note:** This product is a combustible mixture. Do not smoke while applying the undiluted product, and keep away from heat and open flame.

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