



# 7.5% 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) ..... 7.5%

**INERT INGREDIENTS:** ..... 92.5%

Contains 0.65 pounds bromacil per gallon

KEEP OUT OF REACH OF CHILDREN

**WARNING**

SEE SIDE/BACK PANEL FOR  
ADDITIONAL PRECAUTIONS!

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

Manufactured By  
**Van Waters & Rogers**  
division of **Univar**

San Mateo CA 94403

NET CONTENTS  
1 Gallon (3.8 liters)

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

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

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 7.5% Water Soluble Bromacil Liquid Weed Killer may be applied to noncrop areas undiluted or diluted with water as conditions and equipment allow. 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.

PM 25  
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## STORAGE AND DISPOSAL

**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.

## Application

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.

## Weed Control

To control most weeds for an extended period on noncropland areas such as RAILROAD PIPELINE RIGHT-OF-WAYS, PETROL CUMBERYARDS STORAGE AREAS, AND PLANT SITES.

Apply 4 1/2 to 9 gals. of this product per acre. It may be applied to noncrop areas undiluted or diluted with water as conditions and equipment allows. Control includes: orchardgrass, puncturevine, ragweed, ryegrass, turkey mullein, and wild oats. When applied just prior to or after emergence of annuals, rates as low as 2 gals. per acre control many annual weeds and grasses in low rainfall areas and give short-term control in higher rainfall areas.

Apply 9 to 18 gals. of this product per acre to control PERENNIAL WEEDS and GRASSES such as aster, bahiagrass, bluegrass, broomsedge, sanderson, dogfennel, goldenrod, plantain, purpletop, quackgrass, redtop, smooth brome, and wild arrow. In areas with low or seasonal rainfall, rates as low as 4 1/2 gals. per acre control many perennial weeds and grasses.

Apply 18 to 36 gals. of this product per acre to control JOHN SONGRASS; use at the same rate for OTHER HARD TO KILL PERENNIAL WEEDS and GRASSES such as bermudagrass, bouncingbet, bracken fern, dallingrass, dogbane, hoisetail, nutedge, 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 4 1/2 to 9 gals. of this product per acre when annual weeds and grasses reappear on sites where weed growth has been controlled.

For small areas, 36 1/2 oz. per 1,000 sq. ft. (100 ft. x 100 ft.) is approximately 12 gals. per acre.

## Brush Control

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

Apply in spring or summer as a broadcast or basal stem treatment. For use on drainage ditches, apply as a basal stem treatment only.

**Note:** For effective brush control and preservation of 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 near or 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 6 1/2 to 15 gals. per acre to control oak, pine, sweet gum, and willow; apply 18 to 36 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 (Stem) 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 equal parts of this product and 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 top 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 15 to 30 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.

**NOTICE TO BUYER:** Purchase of this material does not confer any rights under patents of others outside of the United States.

**SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED CONCERNING THIS MATERIAL OR THE USE OF THIS PRODUCT OTHER THAN INDICATED ON THE LABEL. BUYER ASSUMES ALL RISK OF USE AND/OR HANDLING OF THIS MATERIAL WHEN SUCH USE/OR HANDLING IS CONTRARY TO LABEL INSTRUCTIONS.**

## Important

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 or 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' Fish Water Soluble Bromacil Liquid Weed Killer 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.

The manufacturer will 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.