



# Weedtrol VF

- **For Areas Where Vegetation is to be Controlled Without Soil Sterilization**
- **Non-Selective - Kills on Contact**
- **Non-Residual - Inactivated on Contact with Soil**
- **Dual Purpose - For Land & Water Vegetation**

FOR PROFESSIONAL, INDUSTRIAL, JANITORIAL/SANITATION USERS ONLY. NOT FOR SALE OR USE BY HOMEOWNERS.

**ACTIVE INGREDIENT:**  
 Diquat dibromide [6,7-dihydrodipyrido (1,2-a:2',1'-c) pyrazinedium dibromide]: .....1.85%  
**INERT INGREDIENTS:** .....98.15%  
**TOTAL:** .....100.00%

Contains 0.083 lbs. Diquat Cation per gal. as 0.155 lb. Salt per gal.

This product contains a herbicidal chemical that when used as directed will kill most all forms of plant growth without damage to the soil. Absorption and herbicidal action is usually quite rapid with effects visible in a few days. This product is inactivated on contact with soil. READ ENTIRE LABEL. Use strictly in accordance with label warnings and directions, and in conformity with Federal and State Regulations.

KEEP OUT OF REACH OF CHILDREN.

## WARNING:

See side panel for additional precautionary statements.

NET CONTENTS: 5 GALLONS (18.9 LITERS)



STATE OF HAWAII  
 Department of Agriculture  
**ACCEPTED**  
 LICENSE NO. **9526.40**  
**Disc.**

# Boo588

### PRECAUTIONARY STATEMENTS:

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS:

**WARNING:** Causes skin irritation. Harmful if swallowed or absorbed through skin or inhaled. Do not get on skin or clothing. Avoid contact with eyes. Avoid breathing spray mist.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):** Applicators and other handlers must wear: - Coveralls over long-sleeved shirt and long pants - Chemical resistant gloves (such as Nitrile, Butyl, Neoprene, and/or Barrier Lamine) - Chemical resistant footwear plus socks - Chemical resistant headgear for overhead exposure - Chemical resistant apron when cleaning equipment, mixing or loading - A dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any R, P, or HE filter

**USER SAFETY REQUIREMENTS:** Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. When handlers use closed systems or enclosed cabs, in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

**USER SAFETY RECOMMENDATIONS:** - Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. - Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. - Clothing and protective equipment exposed to this product should be washed in detergent and hot water. Such items should be kept and washed separately from other laundry. - Users should wash hands before eating, drinking, chewing gum, using tobacco or using toilet.

**FIRST AID STATEMENT: IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. **IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. **IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice. **IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **ENVIRONMENTAL HAZARDS (TERRESTRIAL AND AQUATIC USES):** This pesticide is toxic to aquatic invertebrates. Do not apply to water except as specified on this label. **For Terrestrial Uses:** Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. **For Aquatic Uses:** Do not apply directly to water except as specified on this label.

**DIRECTIONS FOR USE:** It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**STORAGE & DISPOSAL:** Do not contaminate water, food, or feed by storage or disposal. **PESTICIDE STORAGE:** Do not stack more than four drums high. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use. Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store at temperatures above 32°F. **CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. **(For containers 5 gallons or less):** Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **(For containers greater than 5 gallons):** Triple rinse container promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **(For household/residential products only):** CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**GENERAL PRECAUTIONS AND RESTRICTIONS:** Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

**ENTRY RESTRICTIONS:** For 4 days following applications to non-crop areas (other than aquatic or residential sites), do not allow employees to have contact with the treated plants, except for contact with their footwear. Do not allow people or pets to touch treated plants until the spray has dried. - Do not use the treated water for animal consumption, spraying, irrigation, or domestic purposes for at least 5 days after treatment. - Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption. Do not contaminate water by cleaning or equipment or disposal of wastes. - Do not contaminate feed, foodstuffs or drinking water. - Do not store or transport with feed or food.

### APPLICATION INSTRUCTIONS (Site Specific):

**NON-CROP OR NON-PLANTED AREA USES:** To kill above ground weed growth around buildings and other installations, ornamental gardens, walkways, patios, beneath greenhouse benches, fence lines, golf courses, parkways and driveways for control of undesirable broadleaved and grassy weeds - 1 gal. per 20 gal. of water (6 1/2 oz. per gal. water). Apply for full coverage and thorough weed control. Apply preferably to young growth and up to seeding of weeds. Repeat applications necessary to maintain control, particularly on grasses and established weeds. Avoid spray contact with foliage or food crops or ornamental plants. Do not water treated areas for 24 to 36 hours after application.

**AQUATIC USE DIRECTIONS:** For application only to still water (i.e., ponds, lakes, and drainage ditches) where there is little or no outflow of water. Do not use the treated water for animal consumption, spraying, irrigation, or domestic purposes for 5 days after treatment.

Treatment of dense weed areas can result in oxygen loss from decomposition of dead weeds. This loss may cause fish suffocation. Therefore, treat only 1/3 to 1/2 of the water body area at one time, especially if dense areas of weeds and/or algae exist, and wait 14 days between treatments. Consult your State Fish and Game Agencies before applying this product to public waters. DO NOT APPLY TO MUDDY WATER. Avoid creating muddy water during application. Do not apply under conditions of high wind and wave action. Do not apply where plants are covered with mud deposits.

WEED SPECIES	GALS./SURFACE ACRE
<b>SUBMERGED WEEDS (Infesting Still Ponds, Lakes, Ditches, or Portions Thereof):</b>	
<i>Bladderwort (Utricularia spp.)</i>	20 - 40
<i>Coontail (Ceratophyllum demersum)</i>	40
<i>Elodea (Elodea spp.)</i>	40
<i>Naiaid (Najas spp.)</i>	20
<i>Pondweeds (Potamogeton spp.)*</i>	40
<i>* Except Richardson Pondweed (O. richardsonii) in Minnesota</i>	
<i>Watermilfoil (Myriophyllum spp.)</i>	20 - 40

**APPLICATION FOR SUBMERGED WEEDS:** In early season where submersed weed growth has not reached the surface apply this product by pouring directly from the container into the water while moving slowly over the water surface in a boat. Distribute evenly over infested areas in strips 40 feet apart. In mixed weed populations, use the high rate of application as indicated by weeds present.

In late season or where submerged weed growth has reached the water surface throughout the area to be treated apply this product by pouring as above or injecting a diluted (10-20 to 1) solution below the water surface in strips no more than 20 feet apart. Use the high rate of application as indicated by the weeds present. Where algae are present along with the submerged weeds, pre-treatment with Copper Sulfate at recommended rates is advised for best results with this product.

FLOATING WEEDS	GALS./SURFACE ACRE
<i>Pennywort (Hydrocotyle umbellata)</i>	10 - 15
<i>Salvinia (Salvinia ratundifolia)</i>	10 - 15
<i>Waterhyacinth (El chornhia crassipes)</i>	10 - 15
<i>Waterlettuce (Pistia stratiotes)</i>	10 - 15

**APPLICATION FOR FLOATING WEEDS:** 150 to 200 gallons of water plus a non-ionic surfactant\* should be applied as an overall spray for control of the above weeds. The high rates of this product should be used for late season application.

\*Add a Nonionic Surfactant containing 75% or greater surface active agent at the rate of 1/2 to 4 pints per 100 gallons of finished product.

**APPLICATION FOR DUCKWEED:** For control, apply this product as an all-over spray in 50 to 150 gallons of water per acre. Care should be taken to thoroughly cover all plants on water and on damp marginal areas. Reinfestation of duckweed occurs readily from untreated areas. Retreatment of this product may be necessary to obtain season long control.

MARGINAL WEEDS (Infesting the Edges and Other Portions of Ponds, Lakes, and Ditches):	GALS./100 GALS. WATER
<i>Cattails (Typha spp.)</i>	20

**APPLICATION FOR MARGINAL WEEDS:** For top kill, apply this product in 100 gallons of water plus a non-ionic surfactant\* for full coverage and thorough weed control. Repeat treatment as necessary to control re-growth. For best results apply before flowering.

\*Add a Nonionic Surfactant containing 75% or greater surface active agent at the rate of 1/2 to 4 pints per 100 gallons of finished product.

**APPLICATION FOR ALGAE:** This product will control certain filamentous algae: Spirogyra spp. and Pithophora spp. Apply 1-3 ppm with product for control. Application methods as for submerged weeds.

**Formula for Parts Per Million (ppm) Recommendations:** Gallons to use - ppm recommended x acreage of water x average depth of water x 28. (Example: 1/2 ppm recommendations; two acre pond; 4 feet average depth; 1/2 x 2 x 4 x 28 = 112 gallons required.)

**NOTICE:** Buyer and user acknowledge and assume all risks and liability of use, storage, and handling of this product not in strict accordance with directions given herewith.

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EPA EST. NO. 1270-TX-1

MADE IN U.S.A. FOR:

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