

STORE AT TEMPERATURES ABOVE 32° F

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH WARNINGS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

KEEP PESTICIDE IN ORIGINAL CONTAINER. DO NOT PUT CONCENTRATE OR DILUTE INTO FOOD OR DRINK CONTAINERS.

WHEN CONTAINER IS EMPTY, IMMEDIATELY WASH THOROUGHLY AND DESTROY. NEVER RE-USE.

ORTHO Diquat 2 Spray is a non-volatile herbicidal chemical for use in the desiccation of certain plants in preharvest application in order to facilitate both mechanical and hand harvesting. It is also recommended for use as a general weed killer and as an aquatic weed killer. Absorption and herbicidal action is usually quite rapid with effects visible in a few days. Do not use on lawns.

Not for use or storage in or around the home.

**SUGARCANE (HAWAII ONLY):** To prevent flowering (tasseling) of Cane—1 pint ORTHO Diquat 2 Spray plus 1 ounce ORTHO X-77 Spreader per acre. Apply during flower initiation period, first 3 weeks of September. Apply by aircraft in 7 to 10 gallons water per acre. Some leaf burn will occur following this treatment. Do not apply within 5 months of harvest.

**SUGARCANE (HAWAII ONLY):** For control of emerged annual weeds and suppression of sedges, six inches or less in height, using a directed spray—1 to 2 quarts in 50 to 100 gals. water per acre. Add 8 ozs. ORTHO X-77 Spreader per 100 gals. water. Repeat as necessary. Use power sprayer with boom, or hand sprayer with wand, directed as in coarse spray to thoroughly wet weeds in fields, roadways and borders. Avoid contacting sugarcane foliage. Spray drift on sugarcane leaves will cause injury. Use lower rate for control of weed seedlings and suppression of sedges. Use higher rate when weeds are 3 to 6 inches tall. Do not apply after crop closes in.

**NON-CROP OR NON-PLANTED AREAS:** To Kill above Ground Weed Growth Around Buildings and Other Installations, Gardens, Walkways, Patios, Beneath Greenhouse Benches, Fence Lines, Golf Courses, Parkways and Driveways for Control of Undesirable Broad-leaved and Grassy Weeds—1 quart plus 4 ounces ORTHO X-77 Spreader per 50 gals. water (4 teaspoonfuls ORTHO Diquat 2 Spray plus 1 pint ORTHO X-77 Spreader to 1 gal. water). Apply for full coverage and thorough weed contact. Apply to young weeds since control decreases as weeds mature. Retreatment may be necessary to control grasses and established weeds. Avoid spray contact with foliage of crops or ornamental plants.

AQUATIC USE DIRECTIONS

WEED SPECIES	GALS./SURFACE ACRE
<b>SUBMERSED WEEDS</b> (Infesting Still Ponds, Lakes, Ditches, Laterals, Waterways or Portions Thereof):	
Bladderwort ( <i>Utricularia</i> spp.)	1-2
Coontail ( <i>Ceratophyllum demersum</i> )	2
Elodea ( <i>Elodea</i> spp.)	2
Naiad ( <i>Najas</i> spp.)	1
Pondweeds ( <i>Potamogeton</i> spp.)	2
Watermilfoil ( <i>Myriophyllum</i> spp.)	1-2

**APPLICATION:** In early season where submersed weed growth has not reached the surface apply ORTHO Diquat 2 Spray 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 submersed weed growth has reached the water surface throughout the area to be treated apply ORTHO Diquat 2 Spray 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 submersed weeds, pre-treatment with Copper Sulphate at recommended rates is advised for best results with ORTHO Diquat 2 Spray.

FLOATING WEEDS

Pennywort ( <i>Hydrocotyle umbellata</i> )	2-3.4
Salvinia ( <i>Salvinia natans</i> )	2-3.4
Waterhyacinth ( <i>Eichornia crassipes</i> )	2-3.4
Waterlettuce ( <i>Pistia stratiotes</i> )	2-3.4

**APPLICATION:** 150 to 200 gallons of water plus 1 pint ORTHO X-77 Spreader should be applied as an overall spray for control of the above weeds. For aerial application in waterways, use 100 gallons of water per acre plus 1 pint ORTHO X-77 Spreader per 100 gallons of water. The high rates of ORTHO Diquat 2 Spray should be used for late season applications.

**APPLICATION:** For control, apply ORTHO Diquat 2 Spray as an overall spray in 50 to 150 gallons of water per acre. Care should be taken to thoroughly cover all plants on water and in damp marginal areas. Reinfestation of duckweed occurs readily from untreated areas. Retreatment with ORTHO Diquat 2 Spray may be necessary to obtain season long control.

WEED SPECIES	GALS./100 GALS. WATER
<b>MARGINAL WEEDS</b> (Infesting the Edges and Other Portions of Ponds, Lakes, Ditches, Laterals, Canals and Waterways):	
Cattails ( <i>Typha</i> spp.)	1.0

**APPLICATION:** For top kill, apply ORTHO Diquat 2 Spray in 100 gallons water plus 1 pint ORTHO X-77 Spreader for full coverage and thorough weed contact. Repeat treatment as necessary to control regrowth. For best results, apply before flowering.

**ALGAE:** ORTHO Diquat 2 Spray will control certain filamentous algae. Spray or pour 1 pint per acre. Apply 0.5 to 1.5 p.p.m. w. ORTHO Diquat 2 Spray to control. Application method as for submersed weeds.

**Formula for Parts Per Million (PPM) Recommendations**

Gallons to use = p.p.m. recommended x acreage of water x average depth of water x 1.4.

For Example—1/2 p.p.m. recommendations; two acre pond; 4 feet average depth;  
1/2 x 2 x 4 x 1.4 = 5.6 gallons required.

**WARNING:** May be fatal if swallowed, inhaled or absorbed through skin. Skin contact will cause severe irritation. Do not get material on skin, eyes or clothing. Repeated contact with skin may increase danger of absorption. Symptoms of injury may be delayed. In case of skin contact, wash immediately with water; remove clothing and wash skin where necessary. For eyes, wash thoroughly with water and get medical attention. Wear face shield, rubber gloves and rubber apron when handling concentrate. Do not breathe spray mist in order to avoid nasal, throat and respiratory tract irritation. When spraying or when contacting sprayed vegetation wet with spray, dew or rain, wear waterproof footwear and clothing.

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**Note to Physicians:** Emergency Information - call (415) 233-3737. Do not contaminate feed, foodstuffs or drinking water. Do not store or transport near feed or food. 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.

**CAUTION:** Do not feed forage from treated crops to livestock. Keep livestock out of treated fields and crop areas. Rinse all spray equipment thoroughly with water after use.

AVOID SPRAY DRIFT to crops which may be damaged during application.

**NOTE:** Do not use treated water for animal consumption, swimming, spraying or irrigation within 10 days after treatment. Do not use treated water for drinking purposes until 14 days after treatment. Treatment of dense weed areas can result in oxygen loss from decomposition of dead weeds. This loss can cause fish suffocation. Therefore, treat only 1/3 to 1/2 of the dense weed area at a time and wait 14 days between treatments. **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. Consult your State Fish and Game Agencies before applying this product to public waters.

**CONDITIONS OF SALE:** 1. Chevron Chemical Company (Chevron) warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon. Chevron neither makes, nor authorizes any agent or representative to make, any other warranty of FITNESS or of MERCHANTABILITY, guarantee or representation, express or implied, concerning this material. 2. Critical and unforeseeable factors beyond Chevron's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Chevron under 1 above) resulting from handling, storage, and use of this material.

Manufactured for  
**Chevron Chemical Company**  
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