Weed Killer "D"

ACCEPTED

MAR 22 1973

UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND RODENTICIDE ACT FOR ECONOMIC POISON REGISTERED UNDER NO. 239-2279 SUBJECT TO ATTACHED COMMENTS.

Chevron **ORTHO**

Active Ingredient	By Wt.
Diquat dibromide [6,7-dihydrodipyrido (1,2-a:2',1'-c) pyrazinediium dibromide]	4.35%
Inert Ingredients	95.65%

Contains 0.2 lb. Diquat cation per gal .as 0.373 lb. salt per gallon.

U. S. Pat. No. 2,823,987

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.

STORE AT TEMPERATURES ABOVE 32° F.

WASH AND DESTROY CONTAINER WHEN EMPTY. NEVER RE-USE.

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 Broadleaved and Grassy Weeds— 2½ gals. plus 4 ounces ORTHO X-77 Spreader per 50 gals. water (6⅔ ozs. ORTHO Weed Killer "D" plus ½ teaspoonful 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 food crops or ornamental **plants.**

AQUATIC USE DIRECTIONS

WEED SPECIES	GALS./SURFACE ACRE
SUBMERSED WEEDS (Infesting Still Ponds, Lakes, Ditches, Laterals, Waterways or Portions Thereof):	
Bladderwort (Utricularia spp.)	10-20
Coontail (Ceratophyllum demersum)	20
Elodea (Elodea spp.)	20
Naiad (Najas spp.)	10
Pondweeds (Potamogeton spp.)*	20
*Except P. robbinsii; also Richardson Pondweed (P. richardsonii) in Minnesota.	
Watermilfoil (Myriophyllum spp.)	10-20

APPLICATION: In early season where submersed weed growth has not **reached the surface apply ORTHO** WEED KILLER "D" 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 WEED KILLER** "D" by pouring as above or injecting **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 WEED** KILLER "D".

STOP DO NOT INHALE
DO NOT GET ON SKIN

KEEP OUT OF REACH OF CHILDREN

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. 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. Do not contaminate **feed, foodstuffs** or drink **water.** Do not store or transport near **feed or food. Do not app** **under conditions involving possible drift to feed, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.**

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 ⅓ to ½ **of the dense weed areas** at a time and wait 10-14 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.

FLOATING WEEDS

Pennywort (Hydrocotyle umbellata)	5-7½
Salvinia (Salvinia rotundifolia)	5-7½
Waterhyacinth (Eichhornia crassipes)	5-7½
Waterlettuce (Pistia stratiotes)	5-7½

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.

The high rates of **ORTHO WEED KILLER "D"** should be used for late season application.

Duckweed (Lemna spp.)	10

APPLICATION: For control, apply ORTHO WEED KILLER "D" 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 on damp **marginal areas.** Reinfestation **of duckweed** occurs readily from untreated **areas. Retreatment** with ORTHO WEED KILLER "D" may be necessary **to obtain season** long control.

WEED SPECIES	GALS./100 GALS. WATER
MARGINAL WEEDS (Infesting the Edges and Other Portions of Ponds, Lakes, Ditches, Laterals, Canals and Waterways.):	
Cattails (Typha spp.)	10

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

ALGAE: ORTHO **WEED KILLER "D" will** control certain filamentous algae. Spirogyra spp. **and** Pithophora spp.: Apply 0.5 to 1.5 p.p.m. w. **ORTHO** WEED KILLER "D" **for control.** Application methods 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 14.**

For Example—½ p.p.m. recommendations; **two acre pond; 4** feet average depth; ½ x 2 x 4 x 14 = **56 gallons required.**

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 by

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Form 7678-B EPA Reg. No. 239-2279 Product 3949