

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**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. 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 feed forage from treated crops to livestock. Keep livestock out of treated fields and crop areas.

**STATEMENT OF PRACTICAL TREATMENT**

If swallowed, **IMMEDIATELY CALL A DOCTOR**. If conscious give a large amount of water to drink, and make person vomit. 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.

**Note to Physicians:** Emergency Information - call (415) 233 3737

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water except as specified on this label. Do not use treated water for animal consumption, swimming, spraying or irrigation within 14 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 1/2 to 1/2 of the dense weed areas at a time and wait 10 to 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.

**DIRECTIONS FOR USE**

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

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

**STORAGE AND DISPOSAL**

**PROHIBITIONS**

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

**STORAGE**

Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Do not contaminate feed, foodstuffs or drinking water. Do not store or transport near feed or food. Store at temperatures above 32° F.

**PESTICIDE DISPOSAL**

Pesticide, spray mixture, 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 (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

**ORTHO**

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**REGLONE®**

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**(HERBICIDE)**

**Also Harvest Aid Chemical**

Active Ingredient	By Wt.
Diquat dibromide [6, 7-dihydrodipyrido (1,2-a:2',1'-c) pyrazinedium dibromide]	35.3%
Inert Ingredients	64.7%
Contains 2 lbs. Diquat cation per gal. as 3.73 lbs. salt per gal.	

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

FOR AGRICULTURAL USE ONLY OR FOR SALE TO, USE, AND STORAGE BY SERVICE PERSONS ONLY. DO NOT STORE IN AREAS ACCESSIBLE TO CHILDREN.

**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

Manufactured for  
**Chevron Chemical Company** .....  
 Ortho Agricultural Chemicals Division .....  
 San Francisco CA, 94120-7144      Richmond CA 94804 0036  
 Product 1000-2      Made in U.S.A.  
 Form P.R. 7357-J  
 EPA Reg. No. 239-2395

**NET CONTENTS 5 GALLONS**

ORTHO REGLONE is a non-selective herbicide chemical that kills certain plants in preharvest application. It is used as a general weed killer and as an aquatic weed and leaf-stem action is usually quite rapid with a few days. Do not use on lawns. Rinse all spray equipment with water after use. **AVOID SPRAY DRIFT** to crops while during application.

**DIRECTIONS**

**NON-CROP OR NON-PLANTED AREAS:** Rights-of-Way, In Highways, Roads, Driveways and Medians, Pipelines, Pa. Including Pumping Stations, Transformer Stations and round Electric Utilities, Commercial Buildings, Mail Storage Yards, Rail Yards, Fence Lines and Parkways, Flooded Portions of Ponds, Lakes and Ditches. Also At Gardens, Walkways Patios Beneath Greenhouse Benches and Around Golf Courses. To Kill Undesirable Ab and Broadleaf Weed Growth—1 to 2 qts. plus 8 to 16 Spreader (non-ionic) per 100 gal. water (4 teaspoonful ONI plus 1/2 teaspoonful ORTHO X-77 Spreader (non-ionic)). Apply for full coverage and thorough weed control. Young weeds since control decreases as weeds mature. It may be necessary to control grasses and established weeds. Do not apply to foliage of food crops or ornamental plants.

**ALFALFA, CLOVER, GRAIN SORGHUM, SOYBEANS (Seed to 2 pts. per acre. On thin Stands of Seed Alfalfa—1 VETCH (Seed Crops Only): 1 pt. per acre. Preharvest Foliage of Listed Crops—Use specified dosage in 15 to 100 gal. ground spray application and 5 to 10 gals. water by aerial sprayer and Vetch, desiccation is complete in 3 to 10 days. On grain, apply within 1 to 2 weeks of harvest and when more than 30% moisture. On Soybeans, apply 1 week before harvest. Do not graze treated areas or feed treated forage to use seed from treated plants for food, feed or oil purposes.**

**POTATOES:** For Desiccation of Potato Plants to Facilitate Harvest—1 pt. per acre in 50 to 100 gals. of water with ground spray application. Make a second application 5 to 10 days later to obtain adequate desiccation where vine density is high. Minimum of 5 days between applications. For rough-tubed potatoes. Application should be made before harvest. Add ORTHO X-77 Spreader (non-ionic) 1 oz. per 100 gals. of spray mix.

**SUGARCANE: (PUERTO RICO ONLY) To Prevent Flowering—1 pt. ORTHO REGLONE plus 1 oz. ORTHO X-77 Spreader (non-ionic) per acre. Apply during flower initiation period. in 3 to 10 gals. of water per acre. Some leaf burn will result from this treatment. Do not apply within 3 months of harvest.**

**AQUATIC USE DIRECTIONS**

For application only to ponds, lakes, and drainage ditches with little or no outflow of water and which are totally under the product's user. Do not use the treated water for any swimming, spraying, irrigation, or domestic purposes. Do not use the treated water for any other purpose. Do not apply to aquatic sites in Florida.

**WEED SPECIES**

**SUBMERSED WEEDS (Infesting Still Ponds, Lakes, Ditches, etc.):**

- Bladderwort (Utricularia spp.)
- Coontail (Ceratophyllum demersum)
- Elodea (Elodea spp.)
- Naiad (Najas spp.)
- Pondweeds (Potamogeton spp.) (Except P. robbinsii; also Richardson Pondweed (P. richardsonii)
- Watermilfoil (Myriophyllum spp.)

**APPLICATION:** In early season where submersed weeds have reached the surface apply ORTHO REGLONE by pouring the contents into the water while moving slowly over the area.

# ORTHO

# REGLONE

## HERBICIDE

### Preharvest Aid Chemical

Ingredient	By Wt.
2,4-Dichlorophenoxyacetic acid (2,4-D) (1,2-dichloro-2',4'-dichlorophenoxyacetic acid)	35.3%
2,4-Diquat cation per gal. as 3.73 lbs. salt per gal.	64.7%

**OUT OF REACH OF CHILDREN  
WARNING**

**NATURAL USE ONLY OR FOR SALE TO, USE, AND SERVICE PERSONS ONLY. DO NOT STORE IN AREAS ACCESSIBLE TO CHILDREN.**

**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

ICI Chemical Company  
 ICI Chemicals Division  
 P.O. Box 94120-7144 Richmond, CA 94804-0036  
 Made in U.S.A.  
 No. 239-2395

## CONTENTS 5 GALLONS

ORTHO REGLONE 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. Rinse all spray equipment thoroughly with water after use. AVOID SPRAY DRIFT to crops which may be damaged during application.

### DIRECTIONS

**NON-CROP OR NON-PLANTED AREAS:** Rights-of-Way, Including Railroads, Highways, Roads, Dividers and Medians, Pipelines, Public Utility Lines, Including Pumping Stations, Transformer Stations and Substations, Around Electric Utilities, Commercial Buildings, Manufacturing Plants, Storage Yards, Rail Yards, Fence Lines and Parkways, Edges and Non-Flooded Portions of Ponds, Lakes and Ditches. Also Around Ornamental Gardens, Walkways, Patios, Beneath Greenhouse Benches, Along Driveways and Around Golf Courses. To Kill Undesirable Above Ground Grass and Broadleaf Weed Growth—1 to 2 qts. plus 8 to 16 oz. ORTHO X-77 Spreader (non-ionic) per 100 gals. water (4 teaspoonfuls ORTHO REGLONE plus 1/2 teaspoonful ORTHO X-77 Spreader (non-ionic) 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.

**ALFALFA, CLOVER, GRAIN SORGHUM, SOYBEANS (Seed Crops Only):** 1 1/2 to 2 pts. per acre. On thin stands of seed alfalfa—1 pt. per acre. **VETCH (Seed Crops Only):** 1 pt. per acre. **Preharvest Desiccation of Foliage of Listed Crops—**Use specified dosage in 15 to 30 gals. water by ground spray application and 5 to 10 gals. water by air. On Alfalfa, Clover and Vetch, desiccation is complete in 3 to 10 days. On Grain Sorghum, apply within 1 to 2 weeks of harvest and when seeds have not more than 30% moisture. On Soybeans, apply 1 week before harvest. Do not graze treated areas or feed treated forage to livestock. Do not use seed from treated plants for food, feed or oil purposes.

**POTATOES: For Desiccation of Potato Plants to Facilitate Harvest:** Apply 1 pt. per acre in 50 to 100 gals. of water with ground equipment or in 5 to 10 gals. with aerial equipment. Make a second application if necessary to obtain adequate desiccation where vine growth is dense. Allow a minimum of 5 days between applications. Do not apply to drought stressed potatoes. Application should be made at least 7 days before harvest. Add ORTHO X-77 Spreader (non-ionic) at 8 to 15 fl. oz. per 100 gals. of spray mix.

**SUGARCANE: (PUERTO RICO ONLY) To Prevent Flowering (tasseling) of Cane—**1 pt. ORTHO REGLONE plus 1 oz. ORTHO X-77 Spreader (non-ionic) per acre. Apply during flower initiation period. Apply by aircraft in 3 to 10 gals. of water per acre. Some leaf burn will occur following this treatment. Do not apply within 3 months of harvest.

### AQUATIC USE DIRECTIONS

For application only to ponds, lakes, and drainage ditches where there is little or no outflow of water and which are totally under the control of the product's user. Do not use the treated water for animal consumption, swimming, spraying, irrigation, or domestic purposes for 14 days after treatment. Do not apply to aquatic sites in Florida.

WEED SPECIES	GALS./SURFACE ACRE
<b>SUBMERSED WEEDS (Infesting Still Ponds, Lakes, Ditches or Portions Thereof):</b>	
Bladderwort (Utricularia spp.)	1-2
Coontail (Ceratophyllum demersum)	2
Elodea (Elodea spp.)	2
Naiad (Najas spp.)	1
Pondweeds (Potamogeton spp.)	2
Except P. robbinsii; also Richardson Pondweed (P. richardsonii) in Minnesota.	
Watermilfoil (Myriophyllum spp.)	1-2

**APPLICATION:** In early season where submersed weed growth has not reached the surface apply ORTHO REGLONE 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 population, 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 REGLONE 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 REGLONE.

### FLOATING WEEDS

Pennywort (Hydrocotyle umbellata)	1/2-3/4
Salvinia (Salvinia rotundifolia)	1/2-3/4
Waterhyacinth (Eichhornia crassipes)	1/2-3/4
Waterlettuce (Pistia stratiotes)	1/2-3/4

**APPLICATION:** 150 to 200 gals. of water plus 1 pt. ORTHO X-77 Spreader (non-ionic) should be applied as an overall spray for control of the above weeds. For aerial application to Waterlettuce, use 7.5 gals. of water per acre plus 1 pt. ORTHO X-77 Spreader (non-ionic) per 100 gals. spray solution. The high rates of ORTHO REGLONE should be used for late season application.

**Duckweed (Lemna spp.)**  
**APPLICATION:** For control, apply ORTHO REGLONE as an overall spray in 50 to 150 gals. 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 REGLONE may be necessary to obtain season long control.

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

**APPLICATION:** For top kill, apply ORTHO REGLONE in 100 gals. water plus 1 pt. ORTHO X-77 Spreader (non-ionic) for full coverage and thorough weed contact. Repeat treatment as necessary to control regrowth. For best results apply before flowering.

**ALGAE:** ORTHO REGLONE will control certain filamentous algae. Spirogyra spp. and Pithophora spp. Apply 0.5 to 1.5 p.p.m. w. ORTHO REGLONE for control. Application methods as for submersed weeds.

**Formula For Parts Per Million (P.p.m.) Recommendations**  
 Gals to use = p.p.m. recommended 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 gals. required.

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.

REGLONE® registered trademark of ICI Plant Protection Division.

**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.