

DIRECTIONS

NON-CROP OR NON-PLANTED AREAS: 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. Mix 1 gallon with 9 gallons 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.

CAUTION: 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. 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.

AQUATIC USE DIRECTIONS

WEED SPECIES

SUBMERSED WEEDS (Infesting still ponds, lakes, ditches, laterals, waterways or portions thereof):

WEED SPECIES	GALS./SURFACE ACRE
Bladderwort (<i>Utricularia</i> spp.)	20 - 40
Cootail (<i>Ceratophyllum demersum</i>)	40
Elodea (<i>Elodea</i> spp.)	40
Naiad (<i>Najas</i> spp.)	20
Pondweed (<i>Potamogeton</i> spp.) - except <i>P. robinsonii</i> ; also <i>Richardson</i> <i>Pondweed</i> (<i>P. richardsonii</i>) in Minnesota	40
Watermilfoil (<i>Myriophyllum</i> spp.)	20 - 40

APPLICATION: In early season where submersed weed growth has not reached the surface, apply 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 by pouring as above or injecting a diluted 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 submersed weeds, pre-treatment with copper sulphate at recommended rates is advised for best results with this product.

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BORDER-PATROL

A CONTACT, NON-SELECTIVE, NON-RESIDUAL VEGETATION KILLER FOR THE CONTROL OF BROADLEAF WEEDS, GRASSES AND AQUATIC WEEDS

Active Ingredients:	
*Diquat dibromide [6,7-dihydrodipyrido (1, 2-a: 2', 1'-c) pyrazinedium dibromide]	2.21%
Inert Ingredients	97.79%
	100.00%

*U.S. Pat. No. 2,823,987
Contains 0.1 lb. Diquat cation per gallon as 0.187 lbs. salt per gallon
EPA Reg. No. 9313-14

WARNING KEEP OUT OF REACH OF CHILDREN

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. Do not contaminate feed, foodstuffs or drinking water. Do not store or transport with feed or food. Never re-use empty container. Wash and destroy container when empty. See cautions elsewhere on container.

Mfg. by: ROSE CHEMICAL PRODUCTS, INC.
545 Himmel Road, Columbus, Ohio 43223

ACCEPTED

(Continued from left page)
WEED SPECIES
FLOATING WEEDS

March 2, 1973
93-13-14

UNDER THE FEDERAL INSECTICIDE, FUNGICIDE AND ROENTICIDE ACT FOR ECONOMIC POISON REGISTRATION UNDER NO. 93-13-14

Pennywort (*Hydrocotyle umbellata*)
Salvinia (*Salvinia rotundifolia*)
Waterhyacinth (*Eichhornia crassipes*)
Waterlettuce (*Pistia stratiotes*)

APPLICATION: Dilute product to make 150 to 200 gallons of solution. Apply as an overall spray to the above weeds. The high rate is used for late season application.

DUCKWEED

Duckweed (*Lemna* spp.)

APPLICATION: Dilute product to make 50 to 150 gallons of final solution. Care should be taken to thoroughly spray plants on water and on ditches. Reinfestation of duckweed may be necessary to obtain control.

MARGINAL WEEDS (Infesting the other portions of ponds, laterals, canals and waterways)
Cattails (*Typha* spp.)

APPLICATION: For top kill, dilute product to make 150 to 200 gallons of solution. Apply as an overall spray to the above weeds. For best results, apply before

AQUATIC USE DIRECTIONS

WEEDS (Infesting still ponds, lakes, laterals, waterways or portions there-

	GALS./SURFACE ACRE
Worm (Utricularia spp.)	20 - 40
Worm (Ceratophyllum demersum)	40
Worm (Sagittaria spp.)	40
Worm (Najas spp.)	20
Worm (Potamogeton spp.)	
Worm (P. robinsonii; also Richardsonii)	
Worm (P. richardsonii) in	
Worm	40
Worm (Myriophyllum spp.)	20 - 40

In early season where submersed weed has not reached the surface, apply directly from the container into the water moving slowly over the water surface distribute evenly over infested areas 20 feet apart. In mixed weed populations high rate of application as indicated present.

When or where submersed weed grows on the water surface throughout the season, treated, apply by pouring as above a diluted solution below the water surface no more than 20 feet apart. Use the rate of application as indicated by the table. Where algae are present along with weeds, pre-treatment with copper recommended rates is advised for best results with this product.

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BORDER PATROL
A CONTACT, NON-SELECTIVE, NON-PERSISTENT VEGETATION KILLER FOR THE CONTROL OF BROADLEAF WEEDS, GRASSES AND AQUATIC WEEDS

Active Ingredients:
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Mfg. by: ROSE CHEMICAL PRODUCTS, INC.
 545 Stimmel Road, Columbus, Ohio 43223

ACCEPTED

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March 2, 1973
 UNDER THE FEDERAL INSECTICIDE, FUNGICIDE AND ROENTICIDE ACT FOR ECONOMIC POISON REGISTERED UNDER NO. 9313-14

WEED SPECIES FLOATING WEEDS

WEED SPECIES	GALS./SURFACE ACRE
Pennywort (Hydrocotyle umbellata)	10 - 15
Salvinia (Salvinia rotundifolia)	10 - 15
Waterhyacinth (Eichhornia crassipes)	10 - 15
Waterlettuce (Pistia stratiotes)	10 - 15

APPLICATION: Dilute product with water to make 150 to 200 gallons of finished solution. Apply as an overall spray to control the above weeds. The high rates should be used for late season application.

DUCKWEED

	GALS./SURFACE ACRE
Duckweed (Lemna spp.)	20

APPLICATION: Dilute product with water to make 50 to 150 gallons of finished solution. 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 may be necessary to obtain season long control.

MARGINAL WEEDS (Infesting the edges and other portions of ponds, lakes, ditches, laterals, canals and waterways)

Cattails (Typha spp.)	1 part product plus 5 parts water by volume
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APPLICATION: For top kill, apply for full coverage and thorough weed contact. Repeat treatment as necessary to control regrowth. For best results, apply before flowering.

ALGAE: This product will control filamentous algae. Spirogyra spp. and Pithophora spp. 1.5 p.p.m. by wt. (active ingredient) application methods as for submersed weeds in gallons is determined as follows: use = p.p.m. recommended × depth of water × 28).

NOTE: Do not use treated water for drinking purposes until 14 days after treatment. Do not use treated water for drinking purposes until 14 days after treatment. Treatment of dense weed in oxygen loss from decomposing weeds. This loss can cause fish suffocation. Treat only 1/3 to 1/2 of the pond at a time and wait 14 days before re-treatment. DO NOT APPLY TO MUDDY WATER. Do not apply under conditions of high turbidity. Do not apply where plants are growing with mud deposits. Consult State Water Pollution Control Agencies before applying this product to waters.

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