

# DEEWEEED

## H-202

### INTERSHRUB DEWEEDER

A special herbicide for suppressing undesired weeds and grasses. Kills leaves on contact, but cannot sterilize soil or damage roots of adjacent growth when used as directed.

#### WARNING:

KEEP OUT OF REACH OF CHILDREN, READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL WARNINGS AND DIRECTIONS. SEE SIDE PANEL FOR ADDITIONAL WARNINGS.

EPA Reg. No. 10120-16-AA

### CERFACT LABORATORIES

MANUFACTURING CHEMISTS  
Box 47645, Atlanta, Georgia 30340, U.S.A.  
Representatives in all Major Cities Around the World

#### ACTIVE INGREDIENTS:

Diquat dibromide (6,7-Dihydrodipyrido [1,2-a:2',1'-c] pyrazinodiu-  
dibromide)\* 2.16%

INERT INGREDIENTS 97.84%

\*Contains 0.18 lbs. salt per gallon = 0.10 lbs. cation per gallon

#### WARNING:

KEEP OUT OF REACH OF CHILDREN. READ ENTIRE LABEL. USE IN ACCORDANCE WITH LABEL WARNINGS AND DIRECTIONS. Harmful if swallowed. Avoid contact with skin, eyes and clothing. May cause skin damage. Use waterproof gloves and a face shield when handling concentrate. Avoid breathing spray mist. In case of contact, immediately remove clothing and wash thoroughly and get medical attention. For eyes: wash thoroughly with water.

Do not store with or near feed and foodstuffs or drinking water. During application avoid drift to adjacent food and forage plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption. Do not use treated water for human or animal consumption, swimming, spraying or overhead and furrow irrigation within 10 days after treatment. Do not apply to muddy water and do not agitate water excessively with outboard motor or injection equipment during application. Keep livestock out of treated fields. Wash sprayer immediately after application with detergent and water, then rinse with clean water.

Do not reuse container. Destroy when empty.

**HOW TO USE:** For vegetation control around commercial and industrial buildings and golf courses, use 1 gallon per 20 gallons water (6 1/2 oz. per 1 gallon of water). Apply for thorough coverage and complete leaf contact. If possible apply to young growth and up to seeding of weeds. Repeat application as necessary to maintain control of perennial plants.

**NOTE:** Avoid contact with food crops, ornamental plants and desirable foliage.

Do not water treated area for 24 to 36 hours after applying DEEWEEED H-202.

**WHERE TO USE:** Aquatic weed remover. Kills weeds in ponds, ditches, and lakes.

Spot control of weeds in lawn—If undesirable weeds and grasses are spot sprayed, they will be destroyed, allowing desirable grass to fill in.

DEEWEEED H-202 can be used for total weed control in non crop areas. It will control broadleaf weeds and grasses. It will kill almost every type of plant life on contact through the leaves. Deep rooted perennials are not permanently killed.

For general control in shrub areas, DEEWEEED H-202 will not injure plants as long as spray does not come in contact with leaves. DEEWEEED H-202 is inactivated on contact with soil, and as a result roots do not take up the chemical and it does not build up to a higher level of toxicity.

**FOR SPOT CONTROL,** use the CERFACT #98 portable sprayer to control unwanted grasses in lawns, flower beds, around trees, markers, poles, or areas that cannot be reached by lawn equipment.

Mix 6 1/2 oz. of DEEWEEED H-202 per gallon of water and spray desired vegetation to wet leaves thoroughly.

ACCEPTED  
JUN 27 1973  
UNDER THE FEDERAL INSECTICIDE, FUNGICIDE AND RODENT CIDE ACT  
EPA REG. NO. 10120-16

#### DIRECTIONS—Aquatic weeds (infesting still water areas)

WATER TREATMENTS	GALS./SURFACE AREA	PPM**
*Algae (Spirogyra and Pithophora Spp.)	20 to 40 gal.	1/2 to 1 1/2
Bladderwort (Utricularia spp.)	20 to 40 gal.	
Coottail (Ceratophyllum demersum)	20 to 40 gal.	
Elodea (Elodea spp.)	20 gal.	
Najas (Najas spp.)	40 gal.	
Potamogeton (Potamogeton spp.)	20 to 40 gal.	
Watercress (Ranunculus spp.)	20 to 40 gal.	
Water fern (Myriophyllum spp.)	20 to 40 gal.	

**WATER TREATMENTS:** Make application from a boat or other suitable craft either by injecting this product below the water surface, or by pouring it directly from the container into the water while moving slowly over the water surface.

\*Repeat application may be necessary under conditions of heavy infestations or where reinfestation may readily occur from seed, fragmentation or escapes.  
\*\*This product cation by weight (See dilution chart.)

**WARNING:** 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 areas at a time 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.

#### DILUTION CHART

Depth of Water (Feet)	Gallons To Use per Acre as indicated PPM-Cation (By Wt.)		
	1/2 ppm	1 ppm	1 1/2 ppm
1	14 gal.	28 gal.	42 gal.
2	28 gal.	56 gal.	84 gal.
3	42 gal.	84 gal.	126 gal.
4	56 gal.	112 gal.	168 gal.
5	70 gal.	140 gal.	210 gal.

#### FOLIAGE SPRAY TREATMENTS

TREATMENT	AMOUNT/ACRE
Salvinia (Salvinia rotundifolia)	10 to 15 gal.
Waterhyacinth (Eichhornia crassipes)	10 to 15 gal.
Waterlettuce (Pistia stratiotes)	10 to 15 gal.

**FOLIAGE SPRAY TREATMENTS** should be applied in sufficient water (150-200 gal. per acre) to thoroughly wet foliage. As the season progresses and vegetation increases in mass, the higher dosages indicated should be used and more uniform distribution is necessary. Local conditions may affect the use of this chemical. Consult agricultural experiment station or extension service weed specialists for specific recommendations as to dosage and time of application, and for control of other weeds. Check with state authorities for necessary permits.

(E) 1970

® 0972

FOR COMMERCIAL USE ONLY

NOT FOR RESALE

# DEEWEED H-202

## INTERSHRUB DEWEEDER

A special herbicide for suppressing undesired weeds and grasses. Kills leaves on contact, but cannot sterilize soil or damage roots of adjacent growth when used as directed.

### WARNING:

KEEP OUT OF REACH OF CHILDREN, READ ENTIRE LABEL, USE STRICTLY IN ACCORDANCE WITH LABEL WARNINGS AND DIRECTIONS. SEE SIDE PANEL FOR ADDITIONAL WARNINGS.

EPA Reg. No. 10120-16-AA

**CERFACT LABORATORIES**

MADE IN U.S.A.  
Box 1712, Columbia, S.C. 29201  
Tel. (803) 786-1111

#### ACTIVE INGREDIENTS:

Diquat dibromide (6.7 Dihydrodipyrido (1,2-a:3',2'-d) pyrazin-5(1H)-one dibromide)\* 16%

#### INERT INGREDIENTS

\*Contains 0.18 lbs. salt per gallon. 0.10 lbs. cation per gallon.

#### WARNING:

KEEP OUT OF REACH OF CHILDREN. READ ENTIRE LABEL. USE IN ACCORDANCE WITH LABEL WARNINGS AND DIRECTIONS. Harmful if swallowed. Avoid contact with skin, eyes and clothing. May cause skin damage. Use waterproof gloves and a face shield when handling concentrate. Avoid breathing spray mist. In case of contact, immediately remove clothing and wash thoroughly and get medical attention. For eyes: wash thoroughly with water.

Do not store with or near feed and foodstuffs or drinking water. During application avoid drift to adjacent food and forage plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption. Do not use treated water for human or animal consumption, swimming, spray, irrigation or overhead and furrow irrigation within 10 days after treatment. Do not apply to muddy water and do not agitate water excessively with outboard motor or injection equipment during application. Keep livestock out of treated fields. Wash sprayer immediately after application with detergent and water. Then rinse with clean water.

Do not reuse container. Destroy when empty.

**HOW TO USE:** For general control around commercial and industrial buildings and golf courses: 1 gallon per 20 gallons water (6 1/2 oz. per 1 gallon of water). Apply for thorough coverage and complete leaf contact. If possible apply to young growth and up to seeding of weeds. Repeat application as necessary to maintain control of perennial plants.

**NOTE:** Avoid contact with food crops, ornamental plants and desirable foliage. Do not water treated area for 24 to 36 hours after applying DEEWEED H-202.

**WHERE TO USE:** Aquatic weed remover. Kills weeds in ponds, ditches and lakes.

Spot control of weeds in lawns. If undesirable weeds and grasses are spot sprayed, they will be destroyed, allowing desirable grass to fill in.

**DEEWEED H-202** can be used for total weed control in non crop areas. It will control broadleaf weeds and grasses. It will kill almost every type of plant life on contact through the leaves. Deep rooted perennials are not permanently killed.

For general control in shrub areas, DEEWEED H-202 will not injure plants as long as spray does not come in contact with leaves. DEEWEED H-202 is inactivated on contact with soil, and as a result roots do not take up the chemical and it does not build up to a higher level of toxicity.

**FOR SPOT CONTROL,** use the CERFACT 22's portable sprayer to control unwanted grasses in lawns, flower beds, around trees, markers, poles, or areas that cannot be reached by lawn equipment.

Mix 6 1/2 oz. of DEEWEED H-202 per gallon of water and spray desired vegetation to wet leaves thoroughly.

**ACCEPTED**  
JUN 27 1973  
UNDER THE FEDERAL INSECTICIDES, FUNGICIDE AND RODENT CIDE ACT  
EPA ECONOMIC POISON REGISTRY  
EPA REG. NO. 10120-16-AA  
NO ATTACHED COMMENTS.

#### DIRECTIONS—Aquatic weed remover WATER TREATMENTS

WEEDS	WATER TREATMENTS	PPM*
Algae	Apply 1/2 gal. per 20 gal. water	1000
Bladderwort (Utricularia spp.)	Apply 1/2 gal. per 20 gal. water	1000
Ceratophyllum demersum	Apply 1/2 gal. per 20 gal. water	1000
Flotia spp.	Apply 1/2 gal. per 20 gal. water	1000
Najas spp.	Apply 1/2 gal. per 20 gal. water	1000
Paramecium	Apply 1/2 gal. per 20 gal. water	1000
Pyralis (M. polydora)	Apply 1/2 gal. per 20 gal. water	1000

**WATER TREATMENTS:** Mix 6 1/2 oz. of DEEWEED H-202 per gallon of water. Apply to water in ponds, ditches, and lakes. Do not apply to muddy water and do not agitate water excessively with outboard motor or injection equipment during application. Keep livestock out of treated fields. Wash sprayer immediately after application with detergent and water. Then rinse with clean water.

Repeat applications may be necessary to control heavy infestations. In areas where resistance may develop, alternate with other herbicides. This product is not to be used in streams or rivers.

**WARNING:** Treatment of ponds with DEEWEED H-202 may result in the death of certain types of fish and other aquatic life. Do not use in streams or rivers. Do not use in ponds or lakes where waterfowl are present. Do not use in areas where water is used for drinking. Do not use in areas where water is used for irrigation. Do not use in areas where water is used for domestic purposes. Do not use in areas where water is used for industrial purposes. Do not use in areas where water is used for agricultural purposes. Do not use in areas where water is used for other purposes.

#### DILUTION CHART

Depth of Water (Feet)	Gallons To Use per Acre as Indicated PPM (Gals. per Acre)	PPM
1	1.5	1000
2	3.0	500
3	4.5	330
4	6.0	250
5	7.5	200
6	9.0	160
7	10.5	140
8	12.0	125
9	13.5	115
10	15.0	110

#### FOLIAGE SPRAY TREATMENTS

Weed	Amount per Acre
Trifolium (S. n. rhomboides)	1.5 to 2.0 gal.
Waterhyacinth (Eichhornia crassipes)	1.5 to 2.0 gal.
Water lettuce (Pistia stratiotes)	1.5 to 2.0 gal.

**FOLIAGE SPRAY TREATMENTS:** Mix 6 1/2 oz. of DEEWEED H-202 per gallon of water. Apply to foliage of weeds and grasses. Do not apply to water. Do not apply to areas where water is used for drinking, irrigation, domestic purposes, industrial purposes, agricultural purposes, or other purposes. Do not apply to areas where waterfowl are present. Do not apply to areas where water is used for other purposes.

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FOR COMMERCIAL USE ONLY

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**GENERAL INFORMATION:**

This product is a specially formulated non-selective vegetation killer for controlling a wide range of annual and perennial weeds and grasses. Apply undiluted as a spray on non-cropland areas where sterile bare ground is desired. Control will vary with the amount of chem. ca. applied, soil type, rainfall and other conditions. This product is non-corrosive to metal surfaces. Especially compounded for industrial and municipal weed control.

**Important:** Do not apply on or near desirable trees, shrubs, grasses, or other plants, or on areas where roots of desirable vegetation may extend. Do not contaminate irrigation or domestic water supplies. Thoroughly clean application equipment with some good detergent after each use.

**DIRECTIONS:** This product may be applied at any time of the year, EXCEPT when ground is frozen. Best results are obtained after vegetation has emerged, in late spring or early summer. Use power sprayers, compressed air hand sprayers, or an ordinary sprinkling can. No dilution or agitation is required.

**CAUTION:** Vapors from this product may injure susceptible plants in the immediate vicinity.

Do not store near fertilizers, seeds, insecticides or fungicides.

Coarse sprays are less likely to drift.

Avoid spray drift to susceptible plants, as this product may injure cotton, beans, peas, arapies, ornamentals, etc.

# COMPLETE ~~COMPLETE~~ VEGETATION KILLER

**ACTIVE INGREDIENTS:**

Aliphatic Hydrocarbons .....	96.10%
2-4-Dichlorophenoxyacetic acid, isooctyl ester*	1.09
Bromacil (5-bromo-3-secbutyl-6-methyluracil)	0.61
Pentachlorophenol .....	0.80
Other chlorophenols .....	0.09
<b>INERT INGREDIENTS .....</b>	<b>1.31</b>
<b>TOTAL --</b>	<b>100.00%</b>

\*2-4-Dichlorophenoxyacetic acid equiv. .70%

USDA REG. NO. [REDACTED]

**SCIENTIFICALLY FORMULATED FOR  
INDUSTRIAL and INSTITUTIONAL USE**

**CAUTION: KEEP OUT OF REACH OF CHILDREN  
CONTAINS PETROLEUM DISTILLATES  
HARMFUL OR FATAL IF SWALLOWED  
Read Side Panel for Additional Cautions and Directions**

**GENERAL WEED CONTROL:** To control most weeds on non-cropland areas such as parking lots, fence rows, railroad sidings and storage yards, spray at the rate of 1 to 2 gallons for each 1,000 square feet.

**CAUTION: HARMFUL OR FATAL IF SWALLOWED  
CONTAINS PETROLEUM DISTILLATES  
CALL PHYSICIAN IMMEDIATELY.**

If swallowed, do not induce vomiting. Call physician immediately. Avoid breathing vapor or mist when spraying this product. Avoid contact with skin, eyes or clothing. In case of contact with skin, wash with soap and water. In case of contact with eyes, immediately flush with large amounts of water, and get medical attention. Remove and wash contaminated clothing with good laundry detergent before re-use.

This product is toxic to fish and wildlife. Keep out of lakes, streams or ponds. Apply the product only as specified on this label.

Do not reuse empty drum. Return to drum conditioner, or destroy by perforating or crushing, and burying in a safe place.

Net Contents \_\_\_\_\_

[REDACTED] EXCLUSIVELY SOLD BY

**UNI - SEARCH CORP  
45 BURLINGHAM DR. TOLEDO OHIO 43607  
Phone (419) 531-5341**

ACCEPTED  
5/11/69