

ZENECA Ag Products

ZENECA Ag Products Inc.
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SUPPLEMENTAL LABEL FOR AGRICULTURAL AQUATIC USE

(FOR DISTRIBUTION IN THE STATES OF CALIFORNIA, FLORIDA, AND TEXAS)

REGLONE® diquat desiccant

EPA Reg. No. 10182-353

DIRECTIONS FOR USE

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

ENVIRONMENTAL HAZARDS (AQUATIC USES)

This pesticide is toxic to wildlife. **For Aquatic Uses**, treatment of dense weed areas may result in oxygen loss from decomposition of dead weeds. This loss of oxygen may cause fish suffocation. Therefore, treat only $\frac{1}{3}$ to $\frac{1}{2}$ of the water body area at one time, especially if dense areas of weeds and/or algae exist and wait 14 days between treatments.

Necessary approval and/or Permits should be obtained prior to application if required. Consult the responsible State Agencies (i.e., Fish and Game agencies or Department of Natural Resources) before making applications to public waters.

AGRICULTURAL AQUATIC USE DIRECTIONS

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For application only to stillwater (i.e farm ponds, farm lakes, and farm drainage ditches) where there is minimal or no outflow to public waters.

Treated water may be used according to the following table or until such time as an approved assay (example: PAM II Spectromatic Method) shows that the water does not contain more than the designated maximum contaminant level goal (MCLG) of 0.02mg/l. (ppm) of diquat dibromide (calculated as the cation):

WATER USE RESTRICTIONS FOLLOWING APPLICATIONS WITH REGLONE diquat desiccant (Days)

Application Rate	Drinking	Fishing and Swimming	Livestock Consumption	Spray Tank Applications** and Irrigation to Turf and Ornamentals	Spray Tank Applications** and Irrigation to Food Crops
2 gal/surface acre	3 days	0	1 day	3 days	5 days
1 gal/surface acre	2 days	0	1 day	2 days	5 days
0.75 gal/surface acre	2 days	0	1 day	2 days	5 days
0.50 gal/surface acre	1 day	0	1 day	1 day	5 days
Spot Spray* (< 0.5 gal/surface acre)	1 day	0	1 day	1 day	5 days

* Rates refer to total surface area.

**For preparing agricultural sprays for food crops, turf or ornamentals (to prevent phytotoxicity), do not use water treated with REGLONE diquat desiccant before the specified time periods. When the contents of more than one spray tank is necessary to complete a single aquatic application, no water holding restrictions apply between the consecutive spray tanks.

No applications are to be made in areas where commercial processing of fish, resulting in the production of fish protein concentrate or fish meal, is practiced. Before application, coordination and approval of local and/or State authorities must be obtained.

Apply REGLONE diquat desiccant in accordance with the following table:

WEED SPECIES	SUBSURFACE OR BOTTOM PLACEMENT GALS/SURFACE ACRE*	SURFACE GALS/SURFACE ACRE*
Bladderwort (<i>Utricularia</i> spp.)	1-2	2
Coontail (<i>Ceratophyllum demersum</i>)	2	2
Elodea (<i>Elodea</i> spp.)	2	2
Naiad (<i>Najas</i> spp.)	1-2	2
Pondweeds ¹ (<i>Potamogeton</i> spp.)	2	2
Watermilfoils (<i>Myriophyllum</i> spp.)	1-2	2
Hydrilla (<i>Hydrilla verticillata</i>)	2	2
Waterlettuce ² (<i>Pistia Stratiotes</i>)	NA	0.5 - 0.75
Waterhyacinth ² (<i>Eichhornia crassipes</i>)	NA	0.5 - 0.75
Pennywort ³ (<i>Hydrocotyle</i> spp.)	NA	0.5 - 0.75
Frog's Bit ⁶ (<i>Limnobium spongia</i>)	NA	0.5 - 0.75
Salvinia ² (<i>Salvinia</i> spp.)	NA	0.5 - 0.75
Duckweed ⁴ (<i>Lemna</i> spp.)	NA	1
Cattails ³ (<i>Typha</i> spp.)	NA	1-2
Algae ⁵ (<i>Spirogyra</i> spp. & <i>Pithophora</i> spp.)	1-2	2

* For water less than or equal to 2 feet in average depth of treatment area, use a maximum of 1 gallon of REGLONE diquat desiccant per surface acre. Lowest rates should be used in shallow areas where the water depth is considerably less than the coverage depth of the entire treatment area, for example, shallow shoreline area. At water temperatures below 50°- 60°F efficacy and immediacy of results may be reduced.

¹ REGLONE diquat desiccant controls *Potamogeton* species except Richardson's pondweed (*P. richardsonii*). For control of *P. robbinsi*, applications must be made when the plants are in the early stages of growth such as in Spring and early Summer.

² For salvinia, waterlettuce and waterhyacinth, use the labeled rate of REGLONE diquat desiccant in 75-200 gallons water plus the labeled rate of a 75% or greater nonionic surfactant per acre for surface sprays and for aerial application for waterlettuce and waterhyacinth control, apply the labeled rate of REGLONE diquat desiccant in 10 to 24 gallons water plus the labeled rate of a 75% or greater nonionic surfactant per acre.

³ For pennywort and cattail control, apply in 50-150 gallons of water plus the labeled rate of a 75% or greater nonionic surfactant per acre for full coverage and thorough weed contact. Repeat treatments may be necessary to control regrowth. For best results, apply before flowering (cattail).

⁴ For duckweed control, apply as an overall spray in 50-150 gallons of water plus the labeled rate of a 75% or greater nonionic surfactant per acre. Retreatment may be necessary for plants missed in previous applications and regrowth.

⁵ For suppression of certain filamentous algae species including *Spirogyra* and *Pithophora*, apply according to the submersed use directions.

⁶ Not for use in California.

APPLICATION: In mixed weed populations, use the high rate of application as indicated by weeds present.

SUBSURFACE APPLICATIONS: Where the submersed weed growth, especially Hydrilla, has reached the water surface, apply either in a water carrier or an invert emulsion through boom trailing hoses carrying nozzle tips to apply the dilute spray below the water surface to insure adequate coverage.

BOTTOM PLACEMENT: Where the submersed weeds, especially Hydrilla, Bladderwort, and Coontail growth have reached the water surface or where water is slowly moving through the submersed weed growth that has reached the water surface, especially Hydrilla, Bladderwort, and Coontail, control may be enhanced when applied in an invert emulsion carrier injecting diluted REGLONE diquat desiccant near the bottom with weighted hoses. The addition of a copper-based algaecide will improve control. Where algae are present along with the submersed weeds, pretreatment with copper-based algaecide at recommended rates is advised for best results.

SURFACE APPLICATION: For submerged aquatic weeds, apply REGLONE diquat desiccant either as concentrate slowly poured directly from the container in strips or as a spray in sufficient carrier. Applications should be made to ensure complete coverage of the weed areas. In mixed weed populations, use the high rate of application as indicated by weeds present.

All applicable directions, restrictions and precautions on the EPA-registered label are to be followed.

This labeling must be in the possession of the user at the time of pesticide application.

REGLONE® is a trademark of a ZENECA company.

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