

EFFECTIVENESS OF HERBICIDES FOR AQUATIC WEED CONTROL

Weed	Copper complexes, copper sulfate	2,4-D	Diquat (Reward)	Endothall		Flumioxazin	Fluridone	Glyphosate	Sodium Carbonate Peroxyhydrate	Triclopyr	Imazapyr	Imazamox	Carfentrazone	Penoxsulam
				Aquathol K & G	Hydrothol G & 191									
ALGAE														
Filamentous	E	P	P	-	G	E	P	P	E	-	-	-	-	-
Planktonic	E	P	G	-	G	-	P	P	E	-	-	-	-	-
Branched (Chara)	E	P	G	-	G	-	P	P	P	-	-	-	-	-
Nitella	E	P	G	-	G	-	P	P	P	-	-	-	-	-
FLOATING PLANTS														
Bladderwort	P	P	E	-	-	-	E	-	P	-	-	G	-	-
Duckweeds	P	G ¹	G	P	P	E	E	P	P	-	E	-	E	E
Water hyacinth	P	E	E	-	-	-	P	G	P	E	E	E	E	E
Watermeal	P	P	P	-	-	-	G	P	P	-	-	-	G	G
SUBMERSED PLANTS														
Broadleaf watermilfoil	P	-	E	E	E	-	E	P	P	E	-	-	G	E
Coontail	P	G	E	E	E	G	E	P	P	-	-	-	-	-
Egeria	P	P	G	F	F	-	E	P	P	-	-	-	-	E
Elodea	P	-	E	F	F	-	E	P	P	-	-	-	-	E
Eurasian watermilfoil	P	E	E	E	E	G	E	P	P	E	-	F	E	E
Fanwort	P	F	G	E	E	G	E	P	P	-	-	-	-	-
Hydrilla	F ²	P	G	G	G	G	E	P	P	-	-	F	-	E
Naiads	P	F	E	E	E	G	E	P	P	-	-	-	-	G
Parrotfeather	P	E	E	E	E	-	-	F	P	F	E	G	E	G
Pondweeds (Potamogeton)	P	P	G	E	E	E	E	P	P	-	-	G	-	E
EMERGENT PLANTS														
Alders	P	E	F	P	P	-	P	E	P	-	-	-	-	-
Alligatorweed	P	F	P	P	P	-	G	E	P	E	E	G	G	G
American lotus	P	E	P	P	P	-	F	G	P	E	E	F	-	-
Arrowhead	P	E	G	G	G	-	-	E	P	-	E	-	-	G
Buttonbush	P	E	F	P	P	-	P	G	P	-	E	-	-	-
Cattails	P	G	G	P	P	-	F	E	P	-	E	E	-	-
Common reed	P	P	P	P	P	-	P	G	P	-	E	F-G	-	-
Fragrant & white waterlily	P	E	P	P	P	-	E	E	P	E	E	G	-	-
Frogbit	P	E	E	-	-	-	-	-	P	E	E	E	-	-
Maidencane	P	P	F	-	-	-	F	E	P	-	E	-	-	-
Most grasses	P	P	P	P	P	-	P	G	P	-	E	F	-	-
Pickerelweed	P	G	G	-	-	-	P	F	P	E	E	E	-	G

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				Aquathol K & G	Hydrothol G & 191									
Pond edge annuals	P	-	G	-	-	-	E	E	P	-	E	-	-	-
Rush	P	P	F	P	P	-	F	E	P	-	E	-	-	-
Sedges and rushes	P	F	F	P	P	-	P	G	P	-	E	-	-	-
Slender spikerush	P	-	G	-	-	-	G	P	P	-	-	F	-	G
Smartweed	P	E	F	-	-	-	F	E	P	E	E	G	-	G
Spatterdock	P	E	P	P	P	-	E	G-E	P	E	E	G	-	-
Southern watergrass	P	P	-	-	-	-	G	E	P	-	-	-	-	-
Torpedograss	P	P	P	-	-	-	F	G	P	-	E	-	-	-
Watershield	P	E	P	-	-	-	G	G	P	-	-	G	-	-
Water pennywort	P	G	G	P	P	G	P	G	P	E	E	E	-	E
Water primrose	P	E	F	-	-	-	F	E	P	E	E	F	G	-
Willows	P	E	F	P	P	-	P	E	P	-	E	-	-	-

E=excellent control (90 to 100%); G=good control (80 to 89%); F=fair control (70 to 79%); P=poor control (<70%). A blank space indicates weed response is not known.

¹Ester formulations only.

²Copper complex only.

For more information on aquatic weed identification and control, these internet sites are recommended:

<http://aquaplant.tamu.edu>

<http://el.erdc.usace.army.mil/aqua/aqua.html>

<http://el.erdc.usace.army.mil/apis/Intro.aspx>

<http://plants.ifas.ufl.edu>