

WEED RESPONSE RATINGS FOR AQUATIC HERBICIDES¹

Aquatic Weed Group	Copper Sulfate and Copper Complexes	2,4-D	Diquat	Endothal	Fluridone	Glyphosate	Triclopyr	Imazapyr	Imazamox	Carfentrazone	Penoxsulam	Sodium Carbonate Peroxyhydrate	Flumioxazin	Bispyribac Sodium	Topramazone	Grass Carp
Algae																
Planktonic	E	P	P	G	P	P	P	P				G-E				
Filamentous	E ²	P	G	P-G ³	P	P	P	P				G-E	G-E			F-P
Chara	E	P	P-G	P-G ³	P	P	P	P								E
Nitella	E	P	P-G	P-G ³	P	P	P	P								G
Floating Weeds																
Bladderwort	P	P-G ⁴	E	F				G-E							G	E-G
Duckweed	P	F	G	P	E			G		G-E	E		E	E		P-F
Watermeal	P	P	F		F-G	P	P	P		F-G	G		E	E		
Azolla	P	F	G		G-E	F				E	E			E		P-F
Water hyacinth	P	E	E		P	F	E	E	E	G-E	E			E	E	P
Emerged Weeds																
Alligator weed	P	F	P	P	G	E	E	E	G	F-G	G		E	E		P
American lotus	P	E	P	P	F	G	E	G	G						G	P
Arrowhead	P	E	G	G		P		E	E		G				E	F-P
Buttonbush	P	E	F	P	P	G	G	G								
Cattails	P	G	G	P	F	E	P	E	E							
Common reed	P	F	F	P	F	E	G	E								
Ducksalad	P	E	G	P		E		E	G-E							P
Frogbit	P	E	E					E	E	G	E		E			P
Water lily (fragrant and white)	P	E	P	P	E	E	E	E	G							P
Maidencane	P	P	F		F	E	P	E								F-P
Pickrelweed	P	G	G			P	E	E	E		G					P
Pond edge annuals	P		G		E	E		E								
Sedges and rushes	P	F	F	P		G	P	E								P
Slender spikerush	P		G		G	P	P	E			G					
Smartweed	P	G	F		F	E	E	E	E		G					P
Spatdock	P	E	P	P	E	G		G								P
Water pennywort	P	G	G	P	P	G	E	E			E		E	E		F-P
Water primrose	P	E	F-G		F	E	E	E	E	F-G						P
Watershield	P	E	P		G	G		E	G	G						F-P
Willows	P	E	F	P	P	E	E	E								

¹ E = excellent control, G = good control, F = fair control, P = poor control.

² For Pithophora, only F-G control.

³ Hydrothol formulation only.

⁴ Granular 2,4-D formulation.

⁵ Copper complexes only (ex. Komeen, Captain, K-Tea).

(Continued on page 148)

WEED RESPONSE RATINGS FOR AQUATIC HERBICIDES¹ [cont.]

Aquatic Weed Group	Copper Sulfate and Copper Complexes	2,4-D	Diquat	Endothall	Fluridone	Glyphosate	Triclopyr	Imazapyr	Imazamox	Carfentrazone	Penoxsulam	Sodium Carbonate Peroxyhydrate	Flumioxazin	Bispyribac Sodium	Topramazone	Grass Carp
Submersed Weeds																
Coontail	P	G	E	E	E	P							E			G-F
Egeria	P	P	G	F	E	P		P			E					E
Elodea	P		E	F	E	P		P			E					E
Fanwort	P	F	G	E	E	P		P					E			E
Hydrilla	P-F ⁵	P	G	G	E	P		P	G		E		E	E	E	E
Naiads	P	F	E	E	E	P		P			G		E		G	E
Parrotfeather	P	E	E	E	E	F	F	G (when emerged)	G	E	G		E	E		F-P
Pondweeds	P	P		E	E	P		F	E		E		E	E	E	G-P
Water milfoil (broadleaf)	P		E	E	E	P	G	P	G	G	E					P
Water milfoil (Eurasian)	P	E	E	E	E	P	G	P	G	G-E	E		E	E	G	F-P

¹ E = excellent control, G = good control, F = fair control, P = poor control.

² For Pithophora, only F-G control.

³ Hydrothol formulation only.

⁴ Granular 2,4-D formulation.

⁵ Copper complexes only (ex. Komeen, Captain, K-Tea).