

## Commonly Used Herbicides for Control of Aquatic Plants

E = Excellent control; G = Good; F = Fair

Aquatic Plant		Herbicides								
		2,4-D	Diquat	Endothall	Fluridone	Glyphosate	Imazapyr	Triclopyr	Copper Sulfate	Chelated Copper
Emergent Species	Alligatorweed				G	G	E	E		
	American Lotus				G	G		G		
	Parrot feather						G	E		
	Pickerelweed	G					G	G		
	Smartweed				G	E	G	G		
	Waterlily	E			G	E	G	E		
	Water pennywort		E				E	E		
	Water primrose				G	E	F	E		
	Waterwillow	E					F	G		
	Yellow cow-lily	G			G	E	F	E		
Submergent Species	Bladderwort	E	E		E					
	Brazilian elodea			E	E					
	Bushy Pondweed		E	E	E					
	Coontail	G	E	E	E					
	Elodea		E		E					
	Fanwort				E					
	Hydrilla			E	E				F	G

	Parrot feather		E	E	G			E		
	Pondweed		E	E	E					
	Watermilfoil	E	E	E	E			E		
	Water stargrass	E		E						
Floating Species	Duckweed		E		E		F			
	Salvinia		E		E	E				
	Water hyacinth	E	E			E	E	E		
	Waterlettuce		E			E	E			
Marginal Species	Black willow					G	G	E		
	Bulrush					E	G	G		
	Cattail		G		G	E	E			
	Giant reed					G	G			
	Torpedograss				G	G	G			
Algae	Chara			E					E	E
	Nitella			E					E	E
	Filamentous Species			E					E	E

# Aquatic Weed Control: Using Grass Carp

Common name	Scientific name	Preference	Effectiveness
Coontail	<i>Ceratophyllum</i> sp.	High	High
Bushy pondweed, Naiad	<i>Najas</i> sp.	High	High
Arrowheads	<i>Sagittaria</i> sp.	Moderate	Low
Willows	<i>Salix</i> sp.	Low	Low
Spikerush	<i>Eleocharis</i> sp.	Low	Low
Hairgrass, Slender spikerush	<i>Eleocharis acicularis</i>	Moderate	High
Cattail	<i>Typha</i> sp.	Low	Low
Pondweed	<i>Potamogeton</i> sp.	Moderate	Moderate
Bladderwort	<i>Utricularia</i> sp.	High	High
Fanwort	<i>Cambomba caroliniana</i>	High	High
Parrotfeather	<i>Myriophyllum aquaticum</i>	Moderate	Moderate
Water primrose	<i>Jussiaea</i> sp.	Low	Low
Smartweed	<i>Polygonum</i> sp.	Low	Low
Filamentous algae	<i>Spirogyra</i> sp., many others	Moderate	Low
Muskgrass (algae)	<i>Chara</i> sp.	High	High
Stonewort (algae)	<i>Nitella</i> sp.	High	High
Planktonic algae	Many species	Low	Low
Alligatorweed	<i>Alternanthera philoxeroides</i>	Low	Low
Hydrilla	<i>Hydrilla verticellata</i>	High	High
Water hyacinth	<i>Eichornia crassipes</i>	Low	Low
Duckweed	<i>Lemna</i> sp., <i>Spirodella</i> sp.	High	Low
White waterlily	<i>Nymphaea odorata</i>	Low	Low
American lotus	<i>Nelumbo lutea</i>	Low	Low
Burreed	<i>Sparganium</i> sp.	Low	Low
Bulrush	<i>Scirpus</i> sp.	Low	Low
Elodea	<i>Egeria densa</i>	High	High
Water fern	<i>Azolla caroliniana</i>	Moderate	Low
Water cress	<i>Nasturtium officianale</i>	Moderate	High
Spatterdock, Yellow cow lily	<i>Nuphar</i> sp.	Low	Low

Sedges	<i>Cyperus</i> sp.	Low	Low
Eurasian water milfoil	<i>Myriophyllum spicatum</i>	Moderate	Moderate
Frogs-bit	<i>Limnobium spongii</i>	Low	Low
Water hyssop	<i>Bacopa</i>	Moderate	Low
Eelgrass	<i>Vallisneria americana</i>	Low	Low
Watermeal	<i>Wolffia</i> sp.	High	Low

For additional information on the biology and management of grass carp in Mississippi farm ponds, request [MSU-ES Publication 1894](#), *Grass Carp in Mississippi Farm Ponds*.

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