

# Aquatics

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## Aquatic Blue

<b>Manufacturer</b>	Applied Biochemists
<b>Unit Purchase</b>	1 gal.
<b>Units/Case</b>	4 x 1 gal.
<b>Rate</b>	1 gal./acre, 4 ft. deep
<b>Description</b>	Water soluble dye designed for use in lakes ponds, decorative water features and other impounded bodies of water.

## Aquamaster (Glyphosate 53.8%)

<b>Manufacturer</b>	Monsanto
<b>Unit Purchase</b>	2.5 gal., 30 gal.
<b>Units/Case</b>	2 x 2.5 gal., drum
<b>Rate</b>	Check label
<b>Description</b>	Aquatic herbicide containing glyphosate. This product mixed with water and non-ionic surfactant may be applied as a foliar spray for control of many herbaceous plants. Great on cattails.

## AquaNeat

<b>Manufacturer</b>	NuFarm
<b>Unit Purchase</b>	2 x 2.5 gal., 30 gal.
<b>Units/Case</b>	Case, drum
<b>Rate</b>	Check label
<b>Description</b>	Use on emerged aquatic weeds and brush in aquatic and other non-crop sites.

## Aqua-Prep

<b>Manufacturer</b>	Applied Biochemists
<b>Unit Purchase</b>	1 qt.
<b>Units/Case</b>	12 x 1 qt.
<b>Rate</b>	0.5 gal./acre foot
<b>Description</b>	A specific blend of high-quality enzymes with non-ionic surfactants designed to increase the efficiency of naturally occurring microorganisms in reducing organic pond sediment ("muck").

## Aquashade

<b>Manufacturer</b>	Applied Biochemists
<b>Unit Purchase</b>	1 gal.
<b>Units/Case</b>	4 x 1 gal.
<b>Rate</b>	1.0 -2.0 qt./acre foot
<b>Description</b>	Inhibits growth of algae and submerged aquatic weeds in non-flowing lakes, ponds and fountains. A water colorant dye that blocks sunlight. Safe for the environment.

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## Aquashadow WSP

<b>Manufacturer</b>	Applied Biochemists
<b>Unit Purchase</b>	Case
<b>Units/Case</b>	4 x 4 x 7.15 oz. case
<b>Rate</b>	7.5 oz./acre foot
<b>Description</b>	Blue dye in water soluble bags. Blocks sunlight that submerged weeds and algae need to grow.

## Aquathol K

<b>Manufacturer</b>	UPI
<b>Unit Purchase</b>	2.5 gal., 30 gal.
<b>Units/Case</b>	2 x 2.5 gal., drum
<b>Rate</b>	0.05 – 3.0 parts/million
<b>Description</b>	A liquid formulation of the dipotassium salt of endothal, which is effective against a broad range of aquatic plants.

## Aquathol Super K

<b>Manufacturer</b>	UPI
<b>Unit Purchase</b>	10 lb. PL, 25 lb. PL
<b>Units/Case</b>	1 PL
<b>Rate</b>	0.05 – 5.0 parts/million
<b>Description</b>	Dry granules containing 63% of dipotassium salt of endothal. Aquathol is effective against a broad range of aquatic plants with a wide margin of safety to fish.

## Avast!

<b>Manufacturer</b>	SePro
<b>Unit Purchase</b>	1 gal.
<b>Units/Case</b>	4 x 1 gal.
<b>Rate</b>	
<b>Description</b>	A herbicide for management of aquatic vegetation in fresh water ponds, lakes, reservoirs, potable water sources, drainage canals and irrigation canals.

## Bacti-Klear

<b>Manufacturer</b>	Applied Biochemists
<b>Unit Purchase</b>	12 lbs. and 1 gal.
<b>Units/Case</b>	12 lbs. and 4 x 1 gal.
<b>Rate</b>	20.0 lbs. /surface acre or 3.0 gals. /acre foot
<b>Description</b>	Naturally occurring sludge-digesting bacteria designed to decrease levels of organic sediment on lakes and ponds, while reducing odors and improving water clarity.

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## Bentonite Clay

**Manufacturer** Bentonite Corp.  
**Unit Purchase** 50 lbs.  
**Units/Case** Each  
**Rate** 2-4 lbs./sq. ft.  
**Description** Stops seepage. Bentonite is a form of clay that swells 12 to 15 times its dry size when wetted. It fills tiny voids through which water may seep. It may be used on dry surfaces to be flooded later or on existing ponds by scattering it over the surface. Not recommended for use over limestone bedrock.

## Cide-Kick II

**Manufacturer** Various  
**Unit Purchase** 1 qt. or 1 gal. or 2.5 gal.  
**Units/Case** 12 x 1 qt. or 4 x 1 gal. or 2 x 2.5 gal.  
**Rate** 0.5 to 5.0 tbsp. /gal. of spray solution  
**Description** A non-ionic wetting agent and activator, specially for aquatics.

## Clearigate (Applicator Only)

**Manufacturer** Applied Biochemists  
**Unit Purchase** 5 gal.  
**Units/Case** Pail  
**Rate** See label  
**Description** A chelated copper formulation containing an emulsified surfactant/penetrant for highly effective control of algae and vegetation.

## Copper Sulfate

**Manufacturer** Various

	<b>Unit Purchase</b>	<b>Units per Case</b>
Medium ¼"	50 lbs.	Each
Fine 20 (snow)	50 lbs.	Each
Fine 200 (powder)	50 lbs.	Each
Diamond Crystal	5 lbs.	8 x 5 lbs.

**Rate** 10.8 lbs. /surface acre  
**Description** For algae control in lakes, ponds, and along lake margins. Also effective for moss and algae control in lawns and greenhouses.

## Cutrine Granular

**Manufacturer** Applied Biochemists  
**Unit Purchase** 30 lbs.  
**Units/Case** Each  
**Rate** 60.0 lbs. /surface acre  
**Description** Cutrine is a clean, dry granular algaecide that sinks rapidly in water to the bottom and when scattered evenly over the affected area is especially effective against Chara, Nitella and other bottom-growing algae.

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## Citrine Plus

<b>Manufacturer</b>	Applied Biochemists
<b>Unit Purchase</b>	1 gal.; 2.5 gal. and 55 gal.
<b>Units/Case</b>	4 x 1 gal; 2 x 2.5 gal. and each
<b>Rate</b>	0.6 to 3.0 gals. /acre foot of water
<b>Description</b>	Citrine Plus is a liquid formulation that provides effective control of a broad range of algae. The triethanolamine in Citrine Plus prevents precipitation of copper with carbonates or bicarbonates in water.

## Citrine Ultra (Applicator Only)

<b>Manufacturer</b>	Applied Biochemists
<b>Unit Purchase</b>	2.5 gal.
<b>Units/Case</b>	2 x 2.5 gal.
<b>Rate</b>	0.6 to 3.0 gals./acre foot of water
<b>Description</b>	Citrine Ultra is algacide with an emulsified surfactant, which controls existing algae and some underwater rooted plants.

## Devor

<b>Manufacturer</b>	Precision
<b>Unit Purchase</b>	6 x 1/2 lb.
<b>Units/Case</b>	6 x 1/2 lb.
<b>Rate</b>	<b>Initial:</b> 3.0 to 6.0 lbs. /acre <b>Maintenance:</b> 1.5 to 2.0 lbs./acre
<b>Description</b>	Proprietary blend of enzymes, facultative and nonfacultative bacteria accelerates breakdown of partially decomposed organic matter.

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## CHEMICAL: DIQUAT

### Description

A non-selective, highly active contact material for management of weed problems in ponds and lakes. Provides fast control of a broad spectrum of aquatic weeds, both immersed and submersed.

### Tradename: Diquat SPC/Reward

<b>Manufacturer</b>	NuFarm/Syngenta
<b>Unit Purchase</b>	1 gal. and 2.5 gal.
<b>Units/Case</b>	4 x 1 gal. and 2 x 2.5 gal.
<b>Rate</b>	1.0 to 2.0 gal./surface acre

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## Habitat

<b>Manufacturer</b>	BASF
<b>Unit Purchase</b>	2.5 gal.
<b>Units/Case</b>	2 x 2.5 gal.
<b>Rate</b>	1.0 to 6.0 pts./acre
<b>Description</b>	Aquatic herbicide used to control undesirable emergent and floating aquatic vegetation in and around standing and flowing water, including estuarine and marine sites.

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## Harpoon Granular

**Manufacturer** Applied Biochemists

**Unit Purchase** 40 lbs.

**Units/Case** Each

**Rate** Check label

**Description** Chelated copper formulation that effectively control Hydrilla, Egria, Niads, Coontail Elodea, and Water lettuce and other species having a sensitivity to copper absorption.

## Harpoon Liquid

**Manufacturer** Applied Biochemists

**Unit Purchase** 2.5 gal.

**Units/Case** 2 x 2.5 gal.

**Rate** Check label

**Description** Chelated copper formulation that effectively control Hydrilla, Egria, Niads, Coontail Elodea, and Water lettuce and other species having a sensitivity to copper absorption.

## Hydrothol 191 Granular

**Manufacturer** UPI

**Unit Purchase** 40 lbs.

**Units/Case** 40 lbs.

**Rate** Various; check label

**Description** Highly effective contact algicide and aquatic herbicide for use in irrigation and drainage canals, lakes, and ponds.

## Jet Black EZ SoluPak

**Manufacturer** Precision

**Unit Purchase** 6 x 5.25 oz.

**Units/Case** 6 x 5.25 oz.

**Rate** 1 pak/acre-foot or 325,000 gal.

**Description** Proprietary blend of environmentally friendly, non-toxic dyes, that reduce sunlight penetration and imparts a natural black, reflective color.

## Nautique

**Manufacturer** SePro

**Unit Purchase** 1 gal.

**Units/Case** 4 x 1 gal.

**Rate** Rate based on relative density; See label

**Description** For control of floating, immersed, and submersed vegetation in still or flowing aquatic sites.

## Navigate (2, 4-D Granular)

**Manufacturer** Applied Biochemists

**Unit Purchase** 50 lb. bag

**Units/Case** Each

**Rate** 100 – 200 lbs./surface acre

**Description** Effective on many rooted pond weeds. Contains 2, 4-D formulated on heat treated clay granules that resist decomposition in water. Aqua-Kleen sinks rapidly to lake or pond bottoms and releases weed killing compound in the critical root zone area.

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## Navitrol DPF

<b>Manufacturer</b>	Applied Biochemists
<b>Unit Purchase</b>	50 lbs.
<b>Units/Case</b>	Each
<b>Rate</b>	Check label
<b>Description</b>	Aquatic herbicide for control of immersed, submersed, and floating aquatic weeds.

## Navitrol Liquid

<b>Manufacturer</b>	Applied Biochemists
<b>Unit Purchase</b>	1 gal., 2.5 gal.
<b>Units/Case</b>	4x1 gal., 2x2.5 gal.
<b>Rate</b>	Check label
<b>Description</b>	Aquatic herbicide for control of immersed, submersed, and floating aquatic weeds.

## Nutri-Sorb

<b>Manufacturer</b>	Applied Biochemists
<b>Unit Purchase</b>	20 x 8 oz. WSP
<b>Units/Case</b>	10 lb. Pail
<b>Rate</b>	3.0 lbs./acre foot
<b>Description</b>	A specific blend of high-quality, gram-negative, naturally occurring bacteria designed to augment existing pond bacteria populations to enhance their ability to reduce organic pond sediment ("muck").

## Phycomycin SCP

<b>Manufacturer</b>	Applied Biochemists
<b>Unit Purchase</b>	50 lbs.
<b>Units/Case</b>	50 lbs.
<b>Rate</b>	3.0 to 100.0 lbs./acre foot
<b>Description</b>	85% active concentrated form of sodium Carbonate Peroxyhydrate used to control Blue-Green Algae.

## Renovate 3

<b>Manufacturer</b>	SePro
<b>Unit Purchase</b>	1 qt.
<b>Units/Case</b>	12/1 qts.
<b>Rate</b>	2.0 to 8.0 qts./acre
<b>Description</b>	For control of floating, immersed, and submersed aquatic plants in aquatic sites that have little or no continuous outflow.

## Shore Klear

<b>Manufacturer</b>	Applied Biochemists
<b>Unit Purchase</b>	1 qt.
<b>Units/Case</b>	12/1 qts.
<b>Rate</b>	See label
<b>Description</b>	Aquatic herbicide containing 53.8% Glyphosate. This product mixed with water and non-ionic surfactant may be applied as a foliar spray for control of many herbaceous plants. Great on cattails.

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## Shore Klear Plus

<b>Manufacturer</b>	Applied Biochemists
<b>Unit Purchase</b>	1 gal.
<b>Units/Case</b>	4 x 1 gal.
<b>Rate</b>	See label
<b>Description</b>	Aquatic herbicide containing 18% glyphosate surfactant. For use on emerged aquatic weeds and brush in aquatic and other non-crop sites.

## Sonar AS

<b>Manufacturer</b>	SePro
<b>Unit Purchase</b>	1 pt. and 1 qt.
<b>Units/Case</b>	6 x 1 pt. and 6 x 1 qt.
<b>Rate</b>	0.5 to 2.0 qts./acre
<b>Description</b>	Broad spectrum aquatic herbicide. Excellent control of duck weed and pond weed. Very effective and safe to use.

## Sonar PR

<b>Manufacturer</b>	SePro
<b>Unit Purchase</b>	30 lb. Pail
<b>Units/Case</b>	30 lbs.
<b>Rate</b>	Check label
<b>Description</b>	A herbicide for management of aquatic vegetation in fresh water ponds, lakes, reservoirs, potable water sources, drainage canals, irrigation canals, and rivers.

## Sonar Q (quick release)

<b>Manufacturer</b>	SePro
<b>Unit Purchase</b>	8 lb. Pail
<b>Units/Case</b>	4 x 8 lbs.
<b>Rate</b>	See label
<b>Description</b>	Broad spectrum aquatic herbicide. Excellent control of duck weed and pond weed. Very effective and safe to use.

## Sonar RTU

<b>Manufacturer</b>	SePro
<b>Unit Purchase</b>	1 qt.
<b>Units/Case</b>	4 x 1 qt.
<b>Rate</b>	Check label
<b>Description</b>	Broad spectrum aquatic herbicide. Excellent control of duck weed and pond weed. Very effective and safe.

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## Spectrum

<b>Manufacturer</b>	Precision
<b>Unit Purchase</b>	6 x 1/2 lb.
<b>Units/Case</b>	6 x 1/2 lb.
<b>Rate</b>	<b>Initial:</b> 3.0 to 6.0 lbs. /acre <b>Maintenance:</b> 1.5 to 2.0 lbs./acre
<b>Description</b>	Function specific formulation of select bacteria strains which improves water quality by reducing nutrient levels and suspended organic matter in the water.

## Stocktrine II

<b>Manufacturer</b>	Applied Biochemists
<b>Unit Purchase</b>	1 qt.
<b>Units/Case</b>	12 x 1 qt.
<b>Rate</b>	1.0 fl. oz./250 gal. of water
<b>Description</b>	A liquid chelated copper algacide formula in a concentration suitable for dosing stock water tanks, troughs and small ponds. Treated water can be used immediately for stock watering.

## True Blue

<b>Manufacturer</b>	Precision
<b>Unit Purchase</b>	1 gal.
<b>Units/Case</b>	6 x 1 gal.
<b>Rate</b>	1.0 qt. /acre-foot
<b>Description</b>	Proprietary blend of environmentally friendly, non-toxic dyes, that reduce sunlight penetration and imparts a natural blue water color.

## True Blue EZ Solution Pak

<b>Manufacturer</b>	Precision
<b>Unit Purchase</b>	6 x 5.25 oz.
<b>Units/Case</b>	6 x 5.25 oz.
<b>Rate</b>	1.0 pak /acre-foot or 325,000 gallons
<b>Description</b>	Proprietary blend of environmentally friendly, non-toxic dyes, that reduce sunlight penetration and imparts a natural blue water color.

## Weedtrine-D

<b>Manufacturer</b>	Applied Biochemists
<b>Unit Purchase</b>	1 gal.
<b>Units/Case</b>	4 x 1 gal.
<b>Rate</b>	5.0 gal. in 100 gallons of water and spray to wet
<b>Description</b>	A liquid aquatic herbicide that effectively controls a broad range of underwater, floating and emergent aquatic weeds. Kills quickly on contact. Ideal for small area treatments.