

*2010*

*Pond and Lake  
Management*



*Springdale*  
*Water Gardens*

*Orders (800) 420-5459 • Information (540) 337-4507*



# Floating Fountains



Eagles Nest



Falcon



Condor



Hawks Nest



Osprey

## Add Beauty and illumination while aerating your pond

Model 1400JFL is a small fountain for varied pond uses. Install in as little as 12" of water based on its unique top water intake and 360 degree circulation.

### Features:

- Versatile—Perfect for ponds up to 1/5 acre
- Easy to install – Fully assembled, “plug and go”
- Energy efficient – 1/4 HP motor draws only 3.1 amps at 120 V
- Unique – Five easy to change spray patterns included
- Made in the USA
- LED light ring uses only 12 watts and is rated for 100,000 hours bulb life
- Includes two 15' black polyethylene mooring line, 50' power cord, control panel with timer, GFCI, and photo eye lights
- Two year Warranty

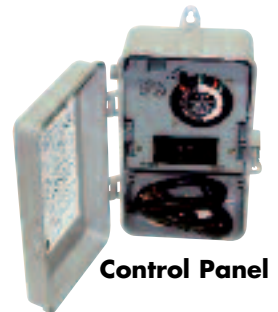
**Model 1400JFL** includes lights **\$895.00**

**Model 1400JF** no lights **\$775.00**

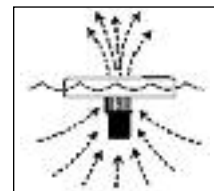
Larger models available for special order. Just ask.



Light Ring



Control Panel



L2 (800) 420-5459 • Shop online at [www.springdalewatergardens.com](http://www.springdalewatergardens.com)

# Airmax Aeration Systems



## **AM30 1 plate system**     \$1299.00

- Aerates ponds up to 1 acre.
- 1/4 Hp Piston Airmax® compressor (3.1 amps - 115 volts)
- Airmax® ProAir-4 self-weighted diffuser
- Compressor Silent Air Cabinet with cooling fan and GFCI protection
- Pressure gauge
- Pressure relief valve
- 100' EasySet Self-Weighted 3/8" Airline
- Complete installation guide and operating instructions.

### **AM30 System Specs**

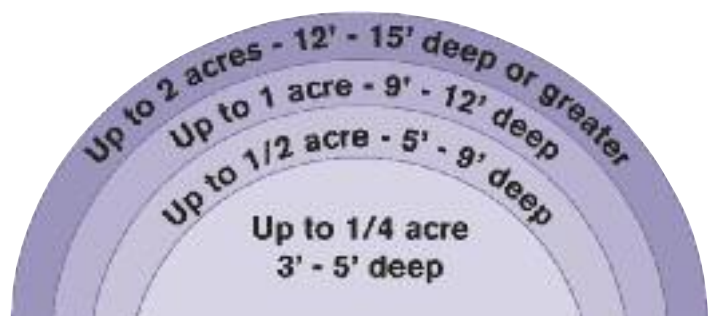
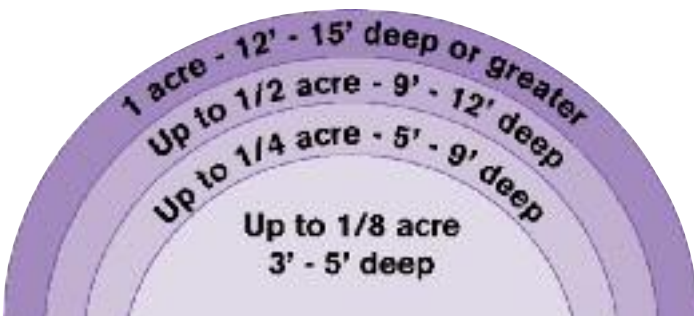
HP 1/4 • Amps 3.1 • Volts 115 • CFM 1.5  
 Max Depth 50' • Cost Per Month \$17.97 (24/7)

## **AM60 2 plate system**     \$1799.00

- Aerates ponds up to 2 acres. Great for Medium or irregular shaped ponds up to 2 surface acres.
- System includes:
- 1/3 Hp Dual Piston Airmax® SilentAir compressor (5 amps - 115 volts)
- (2) Airmax® ProAir-4 self-weighted diffusers
- Compressor Silent Air Cabinet with cooling fan and GFCI protection
- Pressure gauge
- Pressure relief valve, adjustable valves (to ensure even airflow to both diffusers)
- 200' EasySet Self-Weighted 3/8" Airline
- Complete installation guide and operating instructions.

### **AM60 System Specs**

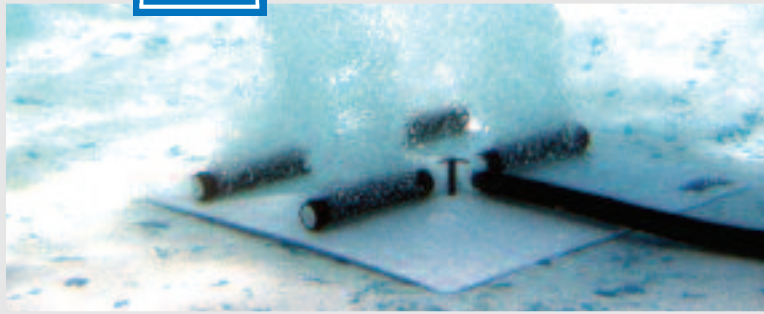
HP 1/3 • Amps 5 • Volts 115 • CFM 4.0  
 Max Depth 30' • Cost Per Month \$28.98 (24/7)



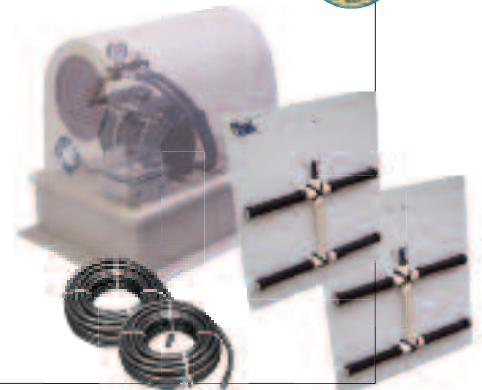
# A

## Airmax Aeration®: An Easy Choice

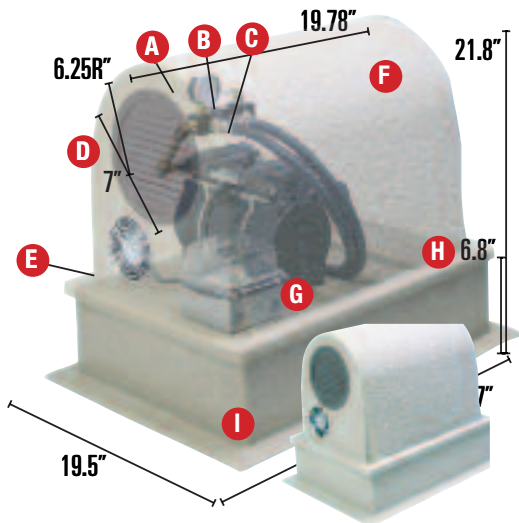
2  
WARRANTY  
YEARS



- Quietest aeration system on the market.
- Lowest cost of operation.
- High performance, self-weighted, virtually maintenance-free diffuser.
- 2-Year Warranty
- Backed by a complete SATISFACTION GUARANTEED.
- Made in USA.
- Competitive prices.
- Complete aeration system in ONE easy to ship, easy to stock box.
- Retail-friendly packaging.



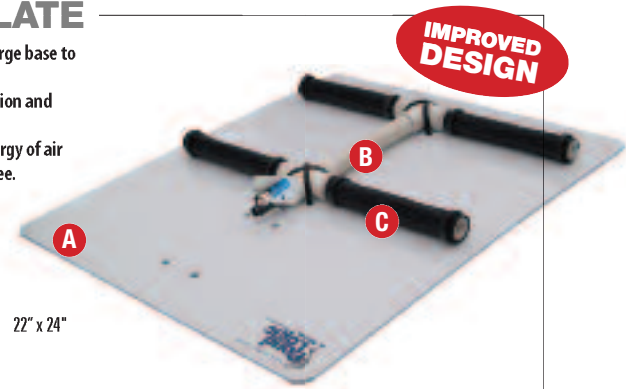
### SilentAir™ CABINET & COMPRESSOR



- A. Pressure gauge helps monitor system performance.
- B. Pressure relief valve safeguards from back pressure.
- C. Ventilation louver.
- D. Integrated cooling fan to extend life of compressor.
- E. Composite rock-like cabinet.
- F. Rubber-mounted compressor ensures quietest operation.
- G. Removable top for easy access to components.
- H. Elevated cabinet base allows for easy installation.  
*No crate required.*
- I. Air flow regulator & brass ball valves adjust flow to individual diffusers. *Multiple Plate Systems Only*

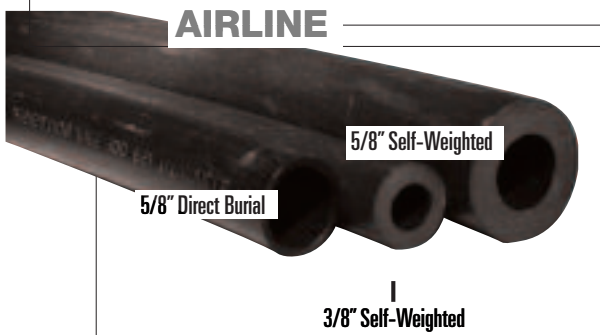
### DIFFUSER PLATE

- A. Self-weighted, with an extra large base to support the diffuser in muck.
- B. Design maximizes total circulation and oxygen transfer.
- C. Membrane Sticks have the synergy of air stones and are maintenance-free.



| Item  | Price    | Case |
|---|----------|------|
| #510100 • Airmax® 1/4 HP Piston Compressor                    | \$489.99 | 1    |
| #510108 • Airmax® 1/4 HP Piston Compressor - Repair Kit       | \$49.99  | 1    |
| #510101 • Airmax® 1/3 HP Piston Compressor                    | \$599.99 | 1    |
| #510109 • Airmax® 1/3 HP Piston Compressor - Repair Kit       | \$119.99 | 1    |
| #510150 • Airmax® SilentAir™ Black Canister - Air Filter      | \$29.99  | 1    |
| #510133 • Air Filter - Element Only : Black Fabric (Pre-2010) | \$4.99   | 6    |
| #510151 • Air Filter - Element Only : White Finned            | \$12.99  | 6    |
| #490206 • 5/8" Connector Kit                                  | \$4.49   | 6    |
| #490204 • 3/8" Connector Kit                                  | \$4.89   | 6    |
| #490205 • 3/8" to 5/8"  | \$6.29   | 6    |
| #510118 • Airmax® 3/8" EasySet Airline - 100' Boxed           | \$129.99 | 1    |
| #510119 • Airmax® 5/8" EasySet Airline - 100' Boxed           | \$179.99 | 1    |
| #510169 • Airmax® 5/8" EasySet Airline - 500' Spool           | \$699.99 | 1    |
| #510120 • Airmax® Direct Burial Tubing - 100' Boxed           | \$29.99  | 1    |
| #510164 • Airmax® ProAir-4 Self-Weighted Diffuser             | \$149.99 | 1    |
| #510165 • Airmax® Replacement Membrane Sticks 1/2" MPT        | \$18.99  | 4    |
| #510123 • Airmax® Replacement Air Stone 1½" x 6" - 1/2" MPT   | \$18.99  | 4    |

### AIRLINE



# ClearPac Pond Care Packages



The ClearPac was designed to end the guesswork of creating and maintaining a healthy ecosystem. The ClearPac solves the issues that so many pond owners face such as: poor water quality, unwanted muck, fish health, and maintaining crystal clear water. Order one today and stop guessing your way through pond management.

## **1/4 Acre Package**

**\$299.00**

Treats up to a 1/4 acre pond for 6 months or a 1/2 acre pond for 3 months.

- (1) Gallon Algae Defense
- (1) quart Nature's Blue S.C.
- (1) Pond Clear S.C.- 24 Packets
- (1) pail EcoBoost

## **1/2 Acre Package**

**\$499.00**

Treats up to a 1/2 acre pond for 6 months or a 1 acre pond for 3 months.

- (1) Gallon Algae Defense
- (1) Pond Clear S.C.- 48 Packets
- (2) quarts Nature's Blue S.C
- (2) Pails EcoBoost

**Please Note: Algae Defense cannot be shipped to CA, CT, ME, NJ, NY & WA. If you live in these states, please contact us for the appropriate pond package.**

# Pond and Lake Management Supplies

## PondClear™ Natural Bacteria 24 packets \$139.00



Pond-Clear Super Concentrated/Water Soluble Packets are designed to quickly mix throughout the water column consuming suspended and floating organics as it works its way to the muck layer. Creates a clean pond using over fifty strains of natural bacteria incorporated with a unique oxygenating ingredient that increases the efficiency of the bacteria. Improves Water Clarity • Eliminates Odors • Breaks Down "Muck & Nutrients"

Simply toss in the recommended dose every 2 weeks when water temps

are over 50°F.

| Pond Size (Surface Acres) | Dosage Rate (Every 2 Weeks) | Months of Treatments |                           |
|---------------------------|-----------------------------|----------------------|---------------------------|
| Up to 1/4 Acre            | 2 packets                   | 6                    | For larger ponds, add 6-8 |
| Up to 1/2 Acre            | 4 packets                   | 3                    | packets per additional    |
| Up to 3/4 Acre            | 6 packets                   | 2                    | surface acre.             |
| Up to 1 Acre              | 8 packets                   | 1.5                  |                           |

## EcoBoost (Formerly Nutri-Defense) 16 scoops (8 lbs) \$100.00



**How does EcoBoost work?** EcoBoost provides over 80 trace minerals that are extracted from organisms naturally found in sea water. The natural minerals in your pond are depleted by fish, aquatic plants and other pond life. Providing these minerals back into the aquatic ecosystem enhances and simulates other native "good" bacteria already in your pond. The results are clear, fresh and clean water. EcoBoost is also great for fish, providing the

natural trace minerals they need to stay healthy and grow faster.

- Stimulates beneficial native bacteria
- Enhances PondClear natural bacteria
- Provides trace minerals for healthier fish
- Safe for livestock, horses, fish, pets & wildlife

### Quick Dose Chart

| Pond Size (Surface Acre) | Dosage Rate (every 2 weeks*) | Months of Treatment |
|--------------------------|------------------------------|---------------------|
| Up to 1/4 Acre           | 2 scoops                     | 8                   |
| Up to 1/2 Acre           | 4 scoops                     | 4                   |
| Up to 3/4 Acre           | 6 scoops                     | 2.5                 |
| Up to 1 Acre             | 8 scoops                     | 2                   |

\*You may apply at each PondClear application for maximum results.

**How to apply:** Mix one scoop (included) of bulk powder in a clean pail with 2-3 gallons of pond water. If necessary, stir the solution until the water is completely brown. Evenly distribute this mixture by pouring it directly from the pail along the shoreline.

**When to apply:** Apply EcoBoost every two weeks when water temperatures are above 50 degrees Fahrenheit, or at the same time PondClear is applied. Wait three days after an algaecide and/or herbicide treatment to apply EcoBoost.

## Nature's Blue™ Pond Dye 1 Quart \$32.95



- Beautifies your pond with a natural blue color.
- Safe for people, pets, fish, waterfowl, & wildlife.
- Can be used at all water temperatures.
- Filters out the sunlight.
- No water use restrictions and is safe for humans, fish and other wildlife.

| Pond Size (Surface Acre) | Dosage Rate (every 4-6 weeks) |
|--------------------------|-------------------------------|
| Up to 1/2 acre           | 0.5 - 1.0 quart               |
| Up to 3/4 acre           | 1.0-1.5 quarts                |
| Up to 1 acre             | 1.5-2.0 quarts                |

## MuckAway™ Pellets 16 scoops (8 lbs.) \$139.00



MuckAway Pellets are designed for spot treatments for accelerated Muck reduction on beaches and shoreline. Dissolves muck into an odorless gas, allowing it to escape unnoticed from the water column. Eliminates Odors associated with dead vegetation. Great for spot treating troublesome areas such as, beaches and shorelines. Safe for people, pets, fish, waterfowl & wildlife.

**How do MuckAway Pellets reduce mucky bottoms?** Muck is caused by rotting vegetation, leaves, twigs and fish waste that accumulate on the bottom of your pond. MuckAway Pellets are a special blend of highly concentrated beneficial bacteria. Designed for spot-treating, they go to work on contact to rapidly dissolve organic waste into an odorless gas which escapes unnoticed out of the water column. MuckAway Pellets are so effective that when used regularly you can remove up to 5 inches of muck per year!

**Dosage Rate:** Use ONE scoop per 1,000 sq. ft. of treatment area. Example: To treat a beach area that consists of 100' of shoreline and extends 20' out into the pond or lake: 100 x 20 = 2,000 sq. ft. = TWO scoops of pellets.

**How to Apply:** Broadcast MuckAway evenly over the treatment area by scoop or spreader.

**When to Apply:** Apply every 2-4 weeks when water temperatures are above 50°F. Treatment should continue until desired results are achieved.

## Algae Defense

1 gallon \$49.95

Fast-acting Algae Defense works on a broad spectrum of algae. Begin applications early in the spring when water and temperature reaches 60° F and above. Early applications will reduce the amount of Algae Defense needed and reduce the amount of excess nutrients caused by dead algae. Unless steps are taken to reduce the overall nutrients in your pond, multiple applications may be needed for a full season of control.



**Application:** If your pond is not equipped with an aeration system, treat your pond in thirds, waiting 10 - 14 days between treatments to insure safe oxygen levels. Mix 1 gallon Algae Defense with at

least 2 gallons of tap water and spray directly on the pond's surface where weeds are present. 1 gallon treats 8,000 square feet. **Do not use in ponds with koi, goldfish, or trout unless carbonate hardness is over 50 ppm.**

**Please Note: Algae Defense cannot be shipped to CA, CT, ME, NJ, NY & WA.**

## Black DyeMond™

Pond Dye

1 Quart \$32.95



Black DyeMond will give your pond a rich appearance and provide beautiful reflections. For an even more Mystic looking pond, use a 50/50 mix of Nature's Blue and Black DyeMond! Dosage and restrictions are the same as Nature's Blue Pond Dye above.

**1 acre = 43,560 square feet**



## **PondWeed Defense** 1 gallon \$49.95

Pond Weed Defense is a safe, rapid-acting contact herbicide designed to work on many species of aquatic vegetation - works best on mature aquatic weeds. Treated aquatic weeds will generally drop below the surface in as little as 4 - 7 days. In heavily infested areas a second application may be necessary in 10 - 12 weeks. Use in combination with Algae Defense for faster results and algae control.

**Application:** If your pond is not equipped with an aeration system, treat your pond in thirds, waiting 10 - 12 days between treatments to insure safe oxygen levels. Mix 1 gallon Pond Weed Defense with at least 2 gallons of tap water and spray directly on the pond's surface where weeds are present. 1 gallon treats 5,000 sq. ft. **Do not use in ponds with koi, goldfish, or trout unless carbonate hardness is over 50 ppm.**

## **Avocet™ PLX**

32 oz. \$69.95

### **Broad Spectrum Emergent Weed Killer**

Kills the roots of even the most persistent weeds. Works best on Cattails, Waterlilies, Loosestrife and other emergent weeds. Great for beaches or shorelines. Use with Cide-kick, for best results.

**Restrictions:** No water use restrictions.

**Emergent weeds:** mix 4 oz Avocet with 2 oz Cide-Kick and one gal water. Spray to completely wet leaf surface using a tank sprayer.



## **WhiteCap™ Fluoridone Treatment**

8 oz. \$190.00

### **Treats your entire pond**

Kills the roots of even the most persistent weeds. Works best on Duckweed, Watermeal, Milfoil, Parrot Feather, Curly leaf and assorted pond weeds. 8 oz treats a 1/4 acre surface area.

**Restrictions:** 30 day irrigation restriction. No other water use restrictions.

**Application:** mix 8 oz WhiteCap with 2 gal water. Do not

apply directly to plant foliage, it is important to spray the product directly in the water avoiding contact with plants and/or algae. Add Nature's Blue Pond Dye immediately after WhiteCap treatment for best results.



## **Kraken™**

32 oz. \$59.95

### **Selective Herbicide**

Works best on woody brush, Pickerel Rush, Waterlilies and Phragmites.

Use with Cide-kick, for best results

**Restrictions:** 120-day irrigation restriction. No other water use restrictions.

**Emergent weeds:** mix 3.8 oz Kraken with 4 oz Cide-Kick and 2 gal water. Spray to completely wet leaf surface using a tank sprayer.



## **RedWing™**

32 oz. \$65.95

### **Broad Spectrum Herbicide**

Works on Duckweed, Cattails, and certain submerged plants, like Hydrilla. Apply to actively growing plants.

Use with Cide-kick, for best results.

**Restrictions:** 3-days drinking. 1-day livestock/domestic animal consumption. 5-day irrigation.

**Emergent weeds:** mix 1.5 oz RedWing with 4 oz Cide-Kick and 2 gal water. Spray to completely wet leaf surface using a tank sprayer.

**Submerged weeds:** mix 1-2 qts RedWing per 1/4 surface acre (10,890 sq. ft). Dilute with water or spray as concentrate. Add 1-2 oz Cide-Kick /gal of solution. Spray, using a tank sprayer, on water's surface where submerged weeds are growing.



## **Cide-Kick**

16 oz. \$19.95

### **Wetting Agent, Activator and Penetrant - ALL IN ONE!**

Cide-Kick is used to enhance the effects of other liquid chemicals. To effectively treat weeds and algae, two things must happen.

- 1st - The water tension has to be broken down to allow the chemical to penetrate the water in the appropriate spot.
- 2nd - The cuticle of the weed has to be penetrated for the chemical to be absorbed.

Cide-Kick is a by-product of the citrus industry, a low viscosity oil and is compatible with most aquatic herbicides and algaecides. Researchers have found that up to 70% of the

effectiveness of a pesticide can be dependent on the spray application. Cide-Kick increases the wetting, spreading, sticking, emulsifying, and dispersing of the herbicide. Cide-Kick helps break down the waxy cuticle on the leaf surface and helps penetrate the bud and bark area (of woody brush), allowing a more effective uptake of the herbicide.



Use this guide to locate treatment options for Aquatic Weeds.

**Ad** Algae Defense<sup>®</sup>  
Algaecide

**R** RedWing<sup>™</sup>  
Aquatic Herbicide

**K** Kraken<sup>™</sup>  
Aquatic Herbicide

**Pw** PondWeed Defense<sup>®</sup>  
Aquatic Herbicide

**W** WhiteCap<sup>™</sup>  
Aquatic Herbicide

**Av** Avocet<sup>®</sup>  
Aquatic Herbicide

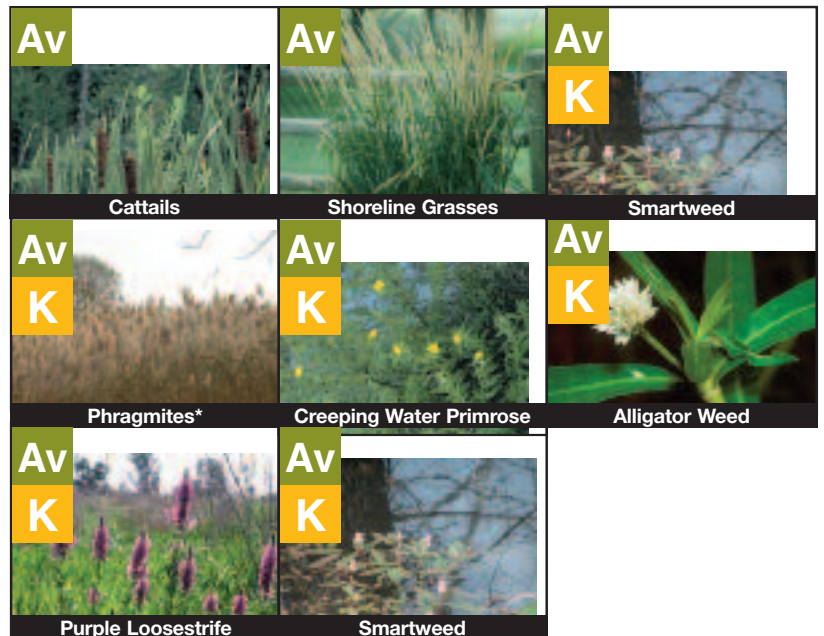
**Algae/Chara:** Has no defined root system. Generally floats on the pond's surface in mats although may start at the pond's bottom before floating to the surface. Chara looks like a submerged weed, but can be differentiated by its musky smell.



**Submerged Weeds:** Majority of plant is submerged underwater. May appear to float on water's surface but roots grow deep into the water.

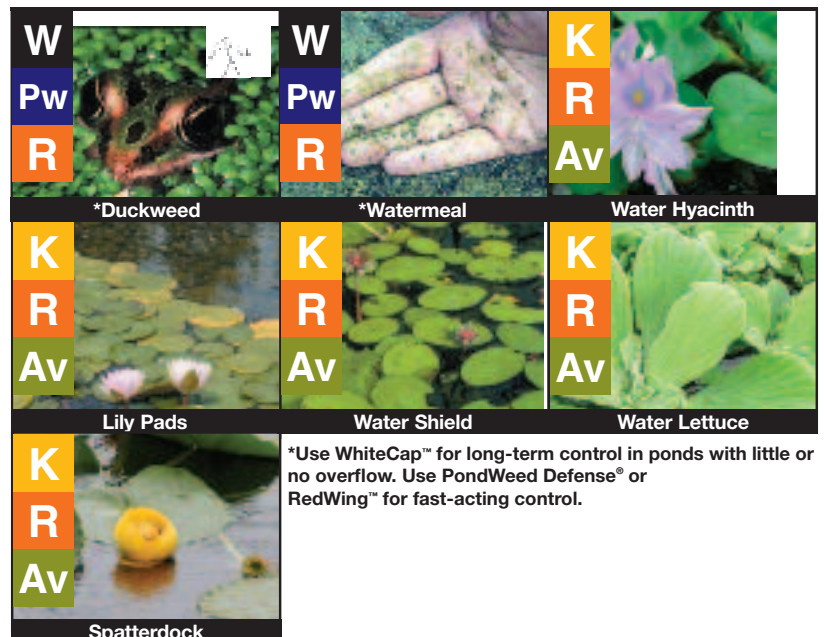


**Emergent Weeds:** Majority of plant is emerged out of the water. Roots and stems may be submerged underwater. Grow usually around the perimeter of the pond or in shallow areas.



Avocet<sup>®</sup> may only provide partial control of Phragmites.

**Floating Weeds:** Generally found in shallower water, the stem and root system may start at the pond's bottom although not always. Foliage will be seen floating on the water's surface.



\*Use WhiteCap<sup>™</sup> for long-term control in ponds with little or no overflow. Use PondWeed Defense<sup>®</sup> or RedWing<sup>™</sup> for fast-acting control.

\*Algae Defense<sup>®</sup>, PondWeed Defense<sup>®</sup>, Avocet<sup>®</sup> PLX, RedWing<sup>™</sup>, Kraken<sup>™</sup> and WhiteCap<sup>®</sup> cannot be shipped to CA, CT, ME, NJ, NY and WA. RedWing<sup>™</sup> also restricted in MI