

# Pond Treatment Basics



You deserve a crystal clear pond. Water Treatments are a first step.

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CoolPonds.Net  
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At Cool Ponds, we believe prevention is the key in keeping algae at bay in your pond. Once algae takes hold, fighting it can be tough and lead to additional problems.

The treatment schedule as listed in this brochure is what the staff at Cool Ponds uses both at our store and our homes. Yes, we have ponds too! As a matter of fact, all Cool Ponds store staff members are required to have their own pond. So we are testing our products (and regimen) day in and day out before we advise you.

Please take note: other factors in your pond may affect the treatments we recommend. A naturally balanced ecosystem is a must for this treatment schedule to work. You must first have the necessary components in your pond for the treatments to work at their highest capacity. And **YOU MUST HAVE PATIENCE!** These are natural remedies, not quick fixes. In some cases they may take several weeks to work.

## ***Five Components of a Healthy, Balanced Ecosystem***

### **Circulation**

Adequate circulation is key. Beneficial bacteria need highly oxygenated environments. Waterfalls are best; fountains are fine for small features; "spitters" don't count! *Adding an aerator for additional oxygen is a good idea.*

### **Filtration**

Some type of bio-filtration is necessary. Filtration can also be achieved through rocks and plants. Bio-filtration is nothing more than providing surfaces for beneficial bacteria to colonize. The best option is a BioFalls (waterfall and bio-filter combined).

### **Aquatic Plants**

Competition for food is a key factor in controlling algae. Aquatic plants eat nutrients that otherwise would be food for algae. Quick growing plants are the best eaters—plants like water hyacinth and water lettuce. Although water lilies shade the water, they are ineffective at competing with algae.

### **Fish**

Pond fish feed on algae and provide natural fertilizer for your plants. They rid your pond of insect larvae so you can enjoy your pond without the nuisance.

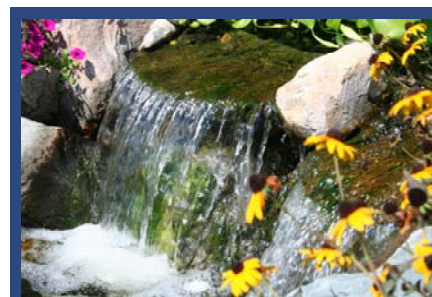
### **Rocks and Gravel**

As we mentioned before, beneficial bacteria need surfaces in your pond to colonize. Adding gravel to your pond increases the surfaces in your pond exponentially. Contrary to popular belief, adding gravel to your pond does not make it harder to keep clean! Beneficial bacteria does some of the cleaning for you.



Aquatic plants help shade water and compete with algae for nutrients.

A healthy, balanced ecosystem and pond will have clear water and a green covering on all the surfaces under the water.



Because beneficial bacteria need a lot of oxygen to thrive, sometimes a waterfall isn't enough. Supplemental oxygen with an aerator will do the trick.

# Your Path To A Crystal Clear Pond Starts Here....

The following water treatment regimen is what we at Cool Ponds use personally and professionally to maintain crystal clear, healthy ponds. This treatment regimen will not work effectively without the help of the five components of a healthy, balanced ecosystem (see PAGE 1).

KEEP ALL PRODUCTS OUT OF THE REACH OF PETS AND CHILDREN.

## A. Determine The Volume of Your Pond

Length of Pond (Ft) \_\_\_\_\_

X Width of Pond (Ft) \_\_\_\_\_

X Avg. Depth of Pond (Ft) \_\_\_\_\_

X .80 to account for shape and any rocks in pond



X 7.5 gallons/cubic foot

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= Approx. Volume of Your Pond (In Gallons)





## B. Use These Weekly

These two treatments are Cool Ponds' power couple. They work together in harmony to clarify your pond water and minimize algae growth for the health of your pond and fish.

Treatment	What It Does	Min Temp	Your Dosage
	<p><b>BioClear and Clean</b> Combats single-celled algae that makes green water and breaks down debris. For new ponds or for treating extensive problems, use every 3 days. <b>Normal dosage: 1 packet per 1000 gallons weekly</b> For ponds under 1,000 gallons, treat bi-weekly.</p>	50°F	<input type="text"/> packets
	<p><b>Remove Away Plus</b> Prevents string algae from growing on all surfaces of your pond — for existing algae or prevention of new growth. Can use every 3 days if necessary. <b>Normal dosage: 1 scoop per 500 gallons weekly</b></p>	50°F	<input type="text"/> scoops

## C. Supplement With These Treatments As Needed

Now that you're using the above two treatments to set a healthy base for your pond, use the following four treatments as boosters. Each helps **BioClear and Clean** and **Remove Away Plus** do their jobs.

Treatment	What It Does	Min Temp	Your Dosage
	<p><b>One Fix</b> Combats single-celled algae that makes green water and breaks down debris. OneFix is great for boosting bacteria growth in the spring or for helping clear up a current green water issue. <b>Normal dosage: 1 ounce per 375 gallons weekly</b></p>	50°F	<input type="text"/> ounces
	<p><b>Koi Clay</b> Multipurpose natural clay. Mix with pond water to bind suspended debris and organic particles— clearing up your water. Use as often as you need, especially if you have a suspended debris issue. <b>Normal dosage: 2 tablespoons per 500 - 1,000 gallons in a bucket of pond water once or twice weekly</b></p>	None	<input type="text"/> scoops
	<p><b>pHusion</b> Lowers pH levels. A lower pH environment makes it harder for algae to grow. An important note about pH: pH fluctuates naturally all the time— from morning to night, day to day, with weather, with seasons. Indiana's pH is normally in the 7.5—8.5 range. The ideal pH reading is 7.0, but a good range is 6.0 to 8.5. Test your pH with test strips at relatively the same time of day. You only need to check it weekly. <b>Normal dosage: 1 scoop per 1000 gallons weekly if needed</b></p>	None	<input type="text"/> scoops
	<p><b>MuckOff</b> Naturally dissolves muck at the bottom of your pond. These tablets are concentrated bacteria, spread around the bottom of your pond, creek, or anywhere with an accumulation of organic debris. <b>Normal dosage: 3 tablets per 500 gallons monthly (can be used weekly for quicker results)</b></p>	50°F	<input type="text"/> tablets

Questions? We're Here to Help!



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Cool Ponds  
Organic Outdoor Living 






# Recommended Treatment Schedule

Use in conjunction with the Cool Ponds "Pond Treatment Basics" brochure. Write in the date or check off the box when you apply each treatment.

**Use the following two products on a regular weekly or bi-weekly basis to prevent water quality or clarity issues.**

	March	April	May	June	July	August	September	October	November
<b>BioClear and Clean</b> 	Do not use unless water temp is above 50°	Once water temp is above 50° use max dosage for 2 weeks then norm dose weekly	Use routine dosage weekly or every two weeks	Use routine dosage weekly or every two weeks	Use routine dosage weekly or every two weeks	Use routine dosage weekly or every two weeks	Use routine dosage weekly or every two weeks	No need to use once water temp is below 50°.	No need to use once water temp is below 50°.
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Remove Away Plus</b> 	Once water temp is above 50° use once per week or every 3 days if needed	Use once per week (or twice per month)—Can be used every 3 days if necessary	Use once per week (or twice per month)—Can be used every 3 days if necessary	Use once per week (or twice per month)—Can be used every 3 days if necessary	Use once per week (or twice per month)—Can be used every 3 days if necessary	Use once per week (or twice per month)—Can be used every 3 days if necessary	Use once per week (or twice per month)—Can be used every 3 days if necessary	Use once per week (or twice per month)—Can be used every 3 days if necessary	No need to use once water temp is below 50°.
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**Use the products listed below to treat stubborn water quality or clarity issues.**

<b>Algae Off</b> 	Use as needed on the waterfall or on your stream	Use as needed on the waterfall or on your stream	Use as needed on the waterfall or on your stream	Use as needed on the waterfall or on your stream	Use as needed on the waterfall or on your stream	Use as needed on the waterfall or on your stream	Use as needed on the waterfall or on your stream	Use as needed on the waterfall or on your stream	Use as needed on the waterfall or on your stream
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<b>One Fix</b> 	Do not use unless water temp is above 50°	Use as a booster for green water issues weekly or up to every 3 days.	Use as a booster for green water issues weekly or up to every 3 days.	Use as a booster for green water issues weekly or up to every 3 days.	Use as a booster for green water issues weekly or up to every 3 days.	Use as a booster for green water issues weekly or up to every 3 days.	Use as a booster for green water issues weekly or up to every 3 days.	Use as a booster for green water issues weekly or up to every 3 days.	No need to use once water temp is below 50°.
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<b>Koi Clay</b> 	Use weekly or as needed to bind dead algae and suspended particles in the water.	Use weekly or as needed to bind dead algae and suspended particles in the water.	Use weekly or as needed to bind dead algae and suspended particles in the water.	Use weekly or as needed to bind dead algae and suspended particles in the water.	Use weekly or as needed to bind dead algae and suspended particles in the water.	Use weekly or as needed to bind dead algae and suspended particles in the water.	Use weekly or as needed to bind dead algae and suspended particles in the water.	Use weekly or as needed to bind dead algae and suspended particles in the water.	Use weekly or as needed to bind dead algae and suspended particles in the water.
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<b>pHusion</b> 	Use weekly when high pH levels are causing regular water treatments to be less effective.	Use weekly when high pH levels are causing regular water treatments to be less effective.	Use weekly when high pH levels are causing regular water treatments to be less effective.	Use weekly when high pH levels are causing regular water treatments to be less effective.	Use weekly when high pH levels are causing regular water treatments to be less effective.	Use weekly when high pH levels are causing regular water treatments to be less effective.	Use weekly when high pH levels are causing regular water treatments to be less effective.	Use weekly when high pH levels are causing regular water treatments to be less effective.	Use weekly when high pH levels are causing regular water treatments to be less effective.
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<b>Muck Off</b> 	Do not use unless water temp is above 50°	Use monthly to prevent a muck build up or weekly to remove muck from the pond bottom.	Use monthly to prevent a muck build up or weekly to remove muck from the pond bottom.	Use monthly to prevent a muck build up or weekly to remove muck from the pond bottom.	Use monthly to prevent a muck build up or weekly to remove muck from the pond bottom.	Use monthly to prevent a muck build up or weekly to remove muck from the pond bottom.	Use monthly to prevent a muck build up or weekly to remove muck from the pond bottom.	Use monthly to prevent a muck build up or weekly to remove muck from the pond bottom.	No need to use once water temp is below 50°.
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**December through February** — Use Spring and Fall Prep weekly when the water temperature is above freezing. String algae will grow—that's okay. Remove it with a plastic rake if you like, but remember it is a plant—the only plant growing this time of year. Your water should be clear. If the water contains debris or is tea colored, try some Polish Activated Carbon.

Purchase all the products listed above at Cool Ponds or online at CoolPonds.Net. Thank you for shopping our local, family owned business!

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Keep all products out of the reach of children. Please follow label instructions.