

# MICROBE-LIFT NEWSLETTER

## 'TIS THE SEASON

December 1st, at sundown, begins Hanukkah. December 7th is Pearl Harbor Remembrance Day.

December 21 is the first official day of winter.

The 25th is Christmas Day; the 26th is the start of Kwanzaa (and Boxing Day in Canada). Ecological Laboratories, Inc extends gratitude to all our customers and wish you a healthy, happy New Koi Year in 2011. I'm traveling, like many of you, to spend Christmas with my family in NY. Since my pond is a 12-month pond in SW Florida, I make up zip-locked bags with the correct amount of Koi food in each and mark them with the day/date to feed while I am away. I take no chances with my pets. I do the same with my dogs. Overfeeding is harmful no matter what type of pet you've got. If you are leaving your pond or other pets this season, take note of the array of alarms and preventive techniques (including computerized alerts to low water situations) available to make your holiday more pleasant... and safe. There's no reason to ruin your vacation with anxiety this year. Have responsible friends standing by...



### Upcoming Events

#### February 18-20

**Koi Club San Diego** will host their 24th Annual Koi Show on President's Weekend. Contact Bill Thompson Chairman (760) 479-1447 or Vendor Coordinator John Svelan (858) 444-5669

#### February 27- March 1

**National Association of Pond Professionals' Water Feature Conference & Expo**  
Henderson, NV  
[www.nationalpondpro.com](http://www.nationalpondpro.com)

#### March 11-13

**Central Florida Koi Show**  
will hold its annual show  
Orlando, FL  
[www.centralfloridakoishow.org](http://www.centralfloridakoishow.org)

\*If you'd like to see Carolyn at your koi show in 2011 or list an announcement of an upcoming event, send an email with the information as soon as possible to [carolynw@microbelift.com](mailto:carolynw@microbelift.com)

org

## IN THE NORTH



If I see a forecast for snow in the Midwest and freezing temperatures in Indiana. It is officially winter. You should have something in your pond to prevent the surface of the pond from completely freezing over. You need an air-hole

## DID YOU KNOW?

Water temperature "drives" your pond. Microbe-Lift biological products will

for gas exchange. This is not critical during a one-day freeze-over. But if the ice remains frozen with fish beneath it, gases will build with nowhere to go. The fish that dies is usually your favorite. An opening in the ice is your protection. Fish still need occasional water changes to freshen up the water during winter. Ground water is the same temperature as your pond, or if from a deep well, warmer. That opening in the ice cover is the perfect place to add your next dosage of Microbe-Lift/Autumn Winter Prep. If you keep goldfish in your pond, the single-tailed comets are hardier than the fat-bodied fancy ones. You might want to bring the big-bodied ones indoors for the winter (i.e. - Black Moors). Drain any pipes you are not using in the off season. They can crack and drain the pond when you start it up again in spring.

## IN THE SOUTH

Your fish will be your guide. Let them tell you how much food they need. As the water cools down, their need for food is also limited. What they eagerly gobbled up in summer will be wasted in winter, if they are still feeding at all. We have warm sunny days and we have ice-storms. When I lived in NE Texas we had snow throughout the winter. So, don't go by Florida weather. Your fish still need the beneficial bacteria (PL and HC) and can't get better nutrition than ML/Legacy foods. Erecting a simple wind barrier next to your pond might be helpful if you are in open country. I've also found temporary covers (wood frame with corrugated fiberglass, as used in porch covers) to be a perfect way to protect the pond's inhabitants. I laid mine across the shallow pond to act like a ground-level greenhouse. They don't actually need the sun every day and the water didn't freeze. I had just a little pump to circulate the water around, gently, and didn't lose any fish because I protected the pond from the icy wind.



## MAGAZINE

The Fall/Winter issue of MICROBE-LIFT WATERGARDENER is available for your reading pleasure! This is the electronic transmission everybody waits for, filled with great information about ponds, fish care and Microbe-Lift innovations. The Fall/Winter issue of MICROBE-LIFT WATERGARDENER is available for your reading pleasure! This is the electronic transmission everybody waits for, filled with great information about ponds, fish care and Microbe-Lift innovations. Here it is! The Fall/Winter 2010 Microbe-Lift Watergardener magazine.

have best results in temperatures above 45-50F. Everybody should have a thermometer in their pond.



How about giving gift certificates for Microbe-Lift products to the fish enthusiasts on your list? Visit your local nursery for more information. A great idea for thoughtful last-minute gift-giving.

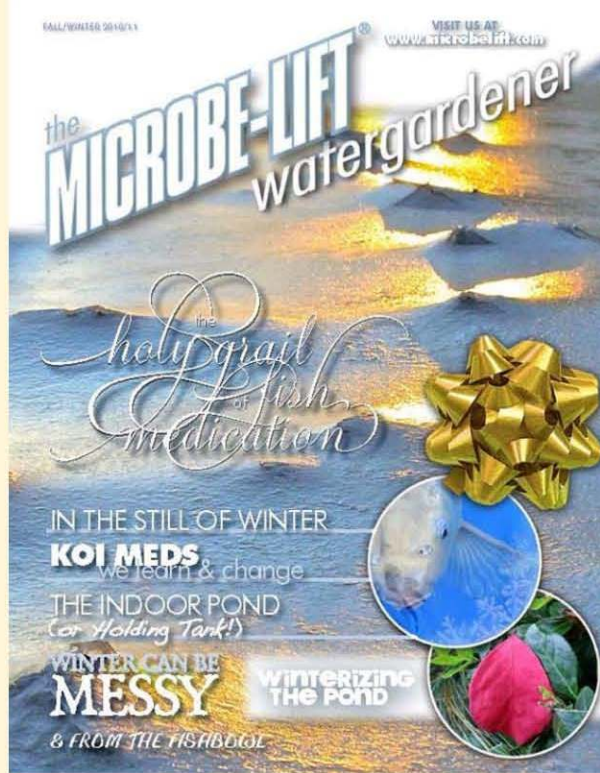
Frogs do not need to overwinter in your pond. If they do, they do not need a layer of dirt in the bottom... especially if you value your fish's health!



**CONTEST-** Ecological Laboratories, Inc is presenting a \$500 MSRP contest for the Microbe-Lift products of your choice! Check the flyer in your next bottle of PL for more information. I mean, what would you buy for your pond with \$500 in ML products?



**ML Watergardener Magazine-** a FALL/WINTER issue has been sent out via email. If you missed this beautiful magazine, follow the



link(s) listed here. You don't want to miss this!

\*Follow Carolyn on Twitter: [twitter.com/EcologicalLady](https://twitter.com/EcologicalLady)



Click a link below to download the Microbe-Lift Watergardener Magazine PDF file.

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**Solving Environmental Problems Naturally Since 1976**