

## Lehman Homeowners Note:

Gary Reinecke, Mike Chmielecki and Bill Aschenbach are taking care of the pond alongside of Tournament Players Parkway. This is a treatment log of the dates and chemicals they have used. It will be updated from time to time. Thank you, "3-PondAmigos" for taking on this job for us!

### MADWA POND LOG – 2021

#### Aquacide chemicals used to treat pond:

Citrine – plus granular Algaecide: Used to control algae.

Citrine – plus liquid Algaecide: Used to control algae.

Harvester Aquatic Herbicide: A broad spectrum liquid contact herbicide.

Aquaclear pellets: Consumes muck from bottom of the pond

Aquaclear Liquid: Contains microorganisms that consume excess nutrients in water.

#### Treatment approach:

Last fall we took samples of the vegetation growing in our pond to the Aquacide office in White Bear Lake. They identified them as Leafy pondweed and Slender Spike Rush.

The treatment recommended was to mix 3 Oz of Harvester with 4 oz of Citrine – plus and add water to make 1 gallon. The dosage recommended was for 1 gallon of this mix to be sprayed over 500 to 1,000 sq feet of the pond. But to only treat 1/3 of the pond at a time. Also, the Aqua clear liquid and pellets will consume the Harvester herbicide but not the Citrine-Plus.

Water temperature should be above 60F for application of Citrine and Harvester and above 40 degrees for application of Aquaclear pellets and liquid. Aquaclear can be applied at colder water temperatures and will activate when water temperature gets above 40 degrees.

Our pond is approximately 75 x 200 feet = 15,000 sq feet or about 1/3 acre.

#### Treatment Log:

3/22 6# Citrine granules tossed into east end of pond for green filament algae control. 53 degrees and sunny.

3/25 10 am, sunny, no wind, 40 degrees. Tossed 6# Citrine granules mostly in East end of the pond. Sprayed 1 pint of full strength Citrine-plus liquid on fibrous mats and growth near surface of the water.

4/5 Mixed and sprayed 3 gallons of Harvester and Cutrine on East 1/3 of pond. Sunny 82 degree day. Also tossed 8# Aquaclear pellets into West 1/3 of pond. Recommended application rate was 1# per 1,000 sq feet. We plan to repeat each Monday weather permitting with Aquaclear pellets and with the Harvester/Cutrine as required. Need some warm weather.

4/12 Chucked 5# Aquaclear pellets into West 1/3 of pond. Visited Aquacide in White Bear Lake to pick up some Aquaclear liquid. Andy at Aquacide seems to think the grass on the bottom of our pond is algae so the Cutrine should work. He also said that we can expect up to ½ inch decrease in muck per weekly treatment. Of course we need some warmer weather for best results. Last week was cool and rainy. This week will be cold and cloudy.

4/19 Chucked 5# Aquaclear pellets into West 1/3 of pond. Measured muck that was over 1 foot deep in spots. Third application at 1 lb per 1,000 sq ft rate.

4/26 Chucked 4# Aquaclear pellers into West ½ of pond. 4<sup>th</sup> appl. @ 0.5 lb per 1,000 sq ft rate.

5/1 Tossed 10# of Cutrine granules into pond, mostly on east end. Sprayed 2 gal of Harvester and Cutrine mix into east end.

5/3 Chucked 10# Aquaclear pellets into West 2/3 (10,000 sq ft) of pond.

5/6 Chucked 5# Aquaclear pellets into East 1/3 (5,000 sq ft) of pond.