

## **HOW TO MIX AND APPLY CONCENTRATED LIQUID BACTERIA**

\***First**- purchase the starter kit which includes (1) gallon of Nitrification-N, (1) gallon of Accelerator-A, (1) gallon of Sediment-S and a small aerator to "ferment" your solution.

\***Next**, Pour the contents of each jug into a larger barrel, preferably a 20-30 gallon container if available. Do this in a well ventilated area, preferably outside as it does have an odor to it while it ferments.

\***Next**- Fill the remainder of the 30 gallon container with warm, about 80 degree, water from your tap. The warm water will "activate" the bacteria.

\***Next**- Put the diffuser end of your aerator in the "solution" and plug in the aerator. Let the aerator mix and ferment the solution for up to 3-days if time permits.

\***Now**- Use a smaller 5-gallon pail and dip it into your bacterial brew. Wear glove when doing this. Dump the contents of the 5-gallon pail in the water. Continue this process until the entire 30 gallons is gone.

\***Repeat**- with half doses every 2 to 4 weeks through the summer months.

\*Purchase- additional "refill" single or case quantities of your favorite liquid bacteria.

## **DOSAGE RATES CONCENTRATED LIQUID BACTERIA**

[This example is for a 1-acre pond with a maximum depth of 5' for a FULL SEASON of control]

\* **For algae** reducing treatments only, mix (4) gallons of Nitrification-N and (4) gallons of Accelerator-A per surface acre PER SEASON

[Start in May with 1-gallon of "N" and 1-gallon of "A" then 1/2 doses every 2 to 4 weeks]

\* **For muck** and sediment removal use (4) gallons of Sediment-S per surface acre PER SEASON

[start in May with 1-gallon of "S" then 1/2 doses every 2 to 4 weeks]

### **Here is an example then for a 1-acre pond for both algae and muck:**

May 15<sup>th</sup> or when water temperature has reached 55 degrees or above:

- Pour (1) gallon of "N", (1) gallon of "A", (1) gallon of "S" into a 30 gallon container
- Fill remainder of container with warm, 80 degree tap water
- Put diffuser end of aerator in the container and aerate in well ventilated area for 3-days
- Take a 5-gallon bucket and remove the liquid bacteria from the larger container and pour into your pond until the contents is gone
- In 2 to 4 weeks, repeat this process with half doses until Sept. 15<sup>th</sup> or when water temperature has gone below 55 degrees