

Prepared for: _____

Prepared by: _____

Farm: _____ Tract: _____ Date: _____



Fish Pond

your county Cooperative Extension Center.

Maintain pond productivity through liming, fertilization, or supplemental feeding.

A common visual indicator for lime is: If the pond has been successfully fertilized in the past and is not currently producing a bloom. Water pH and alkalinity can be measured with inexpensive water testing kits available from most swimming pool supply stores or send a water sample to the North Carolina Department of Agriculture Water Testing Laboratory (919) 733-2657 for analysis. Waters ranging from a pH of 6.5 to 9.0 at daybreak are most desirable for a productive aquatic habitat. To accurately determine the amount of lime needed have a soil test conducted. See website for additional guidance:

http://www.ces.ncsu.edu/nreos/wild/fisheries/mgt_guide/index.html

DEFINITION

Managing impounded water for the production of fish or other aquatic organisms.

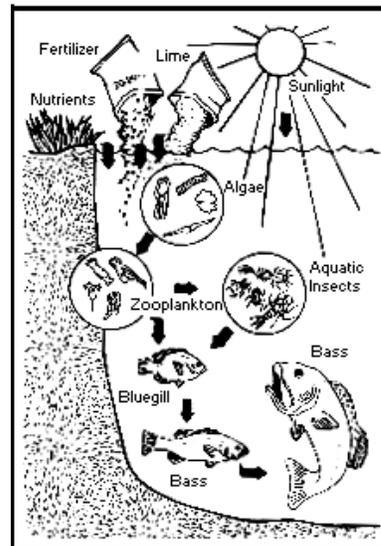
PURPOSE

- Provide favorable habitat for fish and other aquatic organisms.
- Develop and maintain a desired species composition and ratio.
- Develop and maintain a desired level of production.

CRITERIA

Protect the site from flooding, sedimentation, and contamination.

Control undesirable aquatic vegetation. For assistance identifying aquatic vegetation and appropriate control alternatives, contact



Liming and/or fertilization increases production by increasing the natural food supply.

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CONSIDERATIOINS

Non-native species should be restricted from uncontrolled water bodies and streams.

Ensure adequate stocking density of desired species. Consult the North Carolina Wildlife Resources Commission (WRC) at http://www.ncwildlife.org/fishing/Fish_Hatcheries.htm.

OPERATION AND MAINTENANCE

Regularly inspect habitat conditions and structural components

Manage fish or other aquatic organism populations.

Provide supplemental feeding where applicable.

Remove undesirable and overpopulated organisms

Manage pond fertility.

Monitor water quality conditions (e.g., dissolved oxygen level, pH, alkalinity, etc.).

Detect and identify fish pathogens.