

# The Leading Edge



## Yellow Perch, Lake Perch



*Perca flavescens*

Drawing courtesy  
Maynard Reese, 1991. Fish Iowa!  
Iowa Dept. of Natural Resources

Common name: Yellow perch, lake perch

Scientific name: *Perca flavescens*

Production potential: Moderate, due to slow growth of males

Marketing potential: Potential: High  
Size: 3-5 fish per pound  
Market: Food

Temperature requirements: Growing: 55-78½F  
Spawning: 50½F  
Lethal: NA

Feed requirements: Protein: 32-40%  
Fat: NA

Spawning requirements: Fish spawn in the spring when water temperatures reach 50°F. Eggs are contained within a gelatinous ribbon. A 0.5 lb female will produce 10,000-20,000 eggs. Eggs hatch in approximately two weeks at 53°F. Spawns may be obtained by stripping eggs from ripe females and mixing with milt from males in a dry container, mixed thoroughly and then water is added to activate the sperm and permit fertilization.

Most common production systems: Ponds stocked at 200,000-300,000 fry per acre for production of 3-5 inch fingerlings. For food fish estimate 1,500-2,500 lbs. per acre.

September 13, 1996

Publication Coordinator: Nancy F. Riggs

Designer: Larry Ecker

Publication No. IL-IN-SG-96-3

To Reprint, or to request additional copies, please contact

Illinois-Indiana Sea Grant Aquaculture Extension Specialist at: 317-494-6264 or  
lswann@ansc.purdue.edu



  
**Sea Grant**  
ILLINOIS - INDIANA

The Leading Edge Tip Sheet Series is produced by the Illinois-Indiana Sea Grant program, Phillip E. Pope, Director. Illinois-Indiana Sea Grant is a joint federal and state program of Purdue University, West Lafayette, Indiana, and the University of Illinois at Urbana-Champaign. Funding is received from the National Sea Grant College Program, National Oceanic and Atmospheric Administration, and the U.S. Department of Commerce. The U.S. Government is authorized to reproduce and distribute reprints for government purposes notwithstanding any copyright that may appear.

Issued furtherance of the Cooperative Extension Service of both Purdue University and the University of Illinois at Urbana Champaign, Purdue University and the University of Illinois offers equal opportunities in programs of employment.