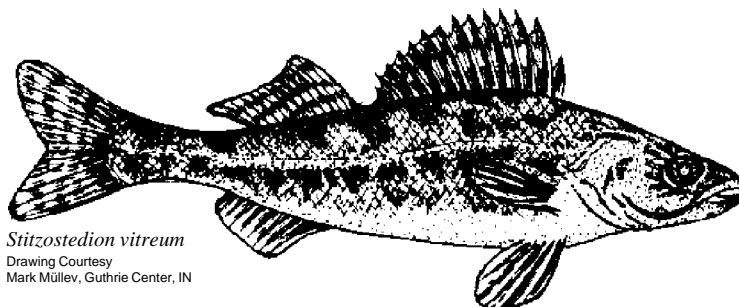


# The Leading Edge



## Walleye



*Stizostedion vitreum*  
Drawing Courtesy  
Mark Müllev, Guthrie Center, IN

Common name: Walleye

Scientific name: *Stizostedion vitreum*

Production potential: Moderate for fingerlings, difficult for food size due to their cannibalistic nature

Marketing potential: Potential: High  
Size: 2-4" for fingerlings, 1-3 pounds for food size  
Market: Sport and Food

Temperature requirements: Growing: 69-72½F  
Spawning: 40-50½F  
Lethal: NA

Feed requirements: Protein: 45%  
Fat: 10-15%

Spawning requirements: Broodfish produce 30,000 eggs/lb body weight. 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. Eggs hatch in around 10 days at 44-55°F occurs.

Most common production systems: Fingerlings are produced in fertilized ponds stocked at 100,000-150,000 fry per acre. Food fish may be produced in ponds or cages if cannibalism is prevented by grading to maintain a uniform size. Currently, there are no good production rates for production of food size walleye.

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