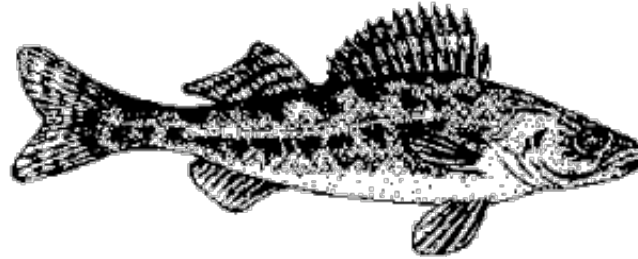


AS-493



Sea Grant Tip Sheet Series



Walleye

Stizostedion vitreum
Drawing courtesy Mark Mullev,
Guthrie Center

Common name:	Walleye
Scientific name:	<i>Stizostedion vitreum</i>
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: 69-72 F Spawning: 40-50 F 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 a 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

<http://aquanic.org/publicat/state/il-in/as-493.htm>

