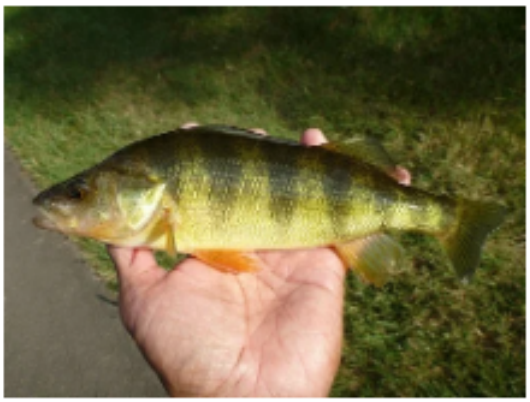
Yellow Perch

- Temperature range: 66 to 70°F (18-21°C)
- Time to one pound: 12 months
- Ph range: 6.5 to 8.5

The yellow perch is a small but tasty fish. If you have a small tank, and great taste, this fish is for you.

This is the cousin of the silver perch mentioned early and another excellent choice for your aquaponics system. It's quite a pretty fish, but it does like water temperatures between 66°F and 70°F; that will need close monitoring to ensure your water stays within this range.



Yellow Perch

Advantages

- Very tasty, which is a plus if you're planning on eating your fish.
- Shallow water tanks are better, allowing you to keep an eye on your fish.
- It can be trained to eat pellets.

Disadvantages

- Breeding requires lowering the temperature of the water to 45°F for a month; this won't be good for plant growth.
- It can be challenging to keep the temperature in the right range, making it not the most popular aquaponics fish.
- Yellow perch are cannibals; you'll need to make sure they are all a similar size.

Walleye

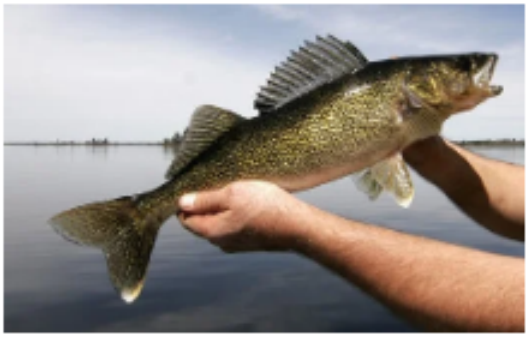
- Temperature range: 65 to 75 °F (18-24°C)
- Time to one pound: / (no information found)
- Ph range: 6 to 8

The walleye is a popular fish among sports fishers. It's a fish that is prevalent in Canada and North America and has a distinctive look; its eyes point outwards. This helps the fish to see better in deeper, darker water, helping them to catch their prey.

A full-grown walleye can be 31 inches long and weigh as much as 20 pounds. However, in your system, they should reach 10-12 inches within eighteen months and weigh approximately 1 pound, making them perfect for harvesting.

They may not look the best, but they taste nice.

You will need to keep the water temperature between 65°F and 75°F, while the pH can fluctuate between 6 and 8; that makes them a reasonably hardy fish.



Walleye

Advantages

- Very easy to look after; they sit in the dark and feed occasionally; that's it!
- Works well with most types of plants, thanks to the range of pH it can accommodate.

Disadvantages

- They don't generally adapt well to commercial food.

Prawn and Shrimps

- Temperature range: 57 to 84°F (14-29°C)
- Time to harvest: 3-6 months
- Ph range: 6.5 to 8

Having a shrimp aquaponics system is a good idea in raising profit out of fish. It is a gold mine. The small tasty creatures, hands down the number one seafood consumed in the world as the demand continues to grow for the beauties at a low rate. They are part of the crustacean's family.

Prawn and shrimp may not be the first choice when establishing an aquaponics system, but they are an excellent choice as they provide nutrition for your plants and food for you.

They can tolerate a pH range of 6.5-8 but are not good at coping with temperature changes. You'll need to make sure you've got these sorted before the shrimp and prawns arrive in your tank.

You should be able to start harvesting your shrimp and prawns within 3-6 months.

Prawn Vs. Shrimp

Advantages

- Delicious
- Minimal maintenance/interference required
- Put them in your sump tank
- Grow quickly

Disadvantages

- Any fish you keep with them will try to eat them
- Prawns are susceptible to diseases
- They can attack and eat each other
- Shrimp die quickly if the water temperature changes suddenly

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