



ENERGY-EFFICIENT

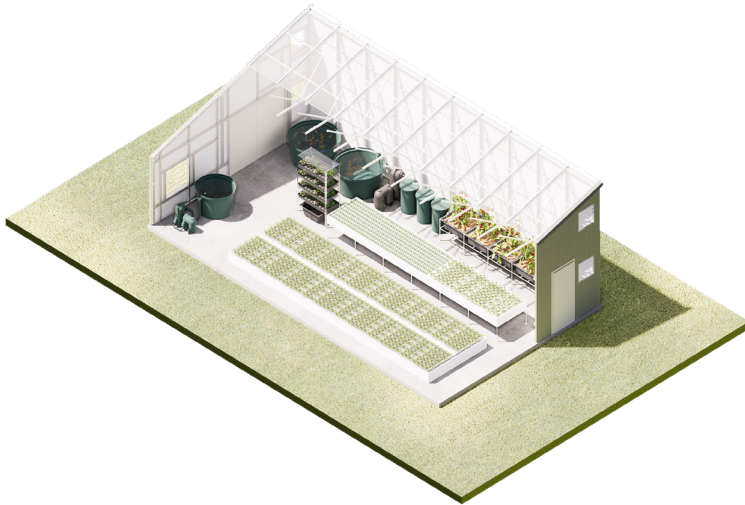
AQUAPONIC GREENHOUSES



PRODUCTIVE & EFFICIENT • USE LESS & HARVEST MORE

AQUAPONIC GREENHOUSE SIZES | PRODUCTION

23' x 40'

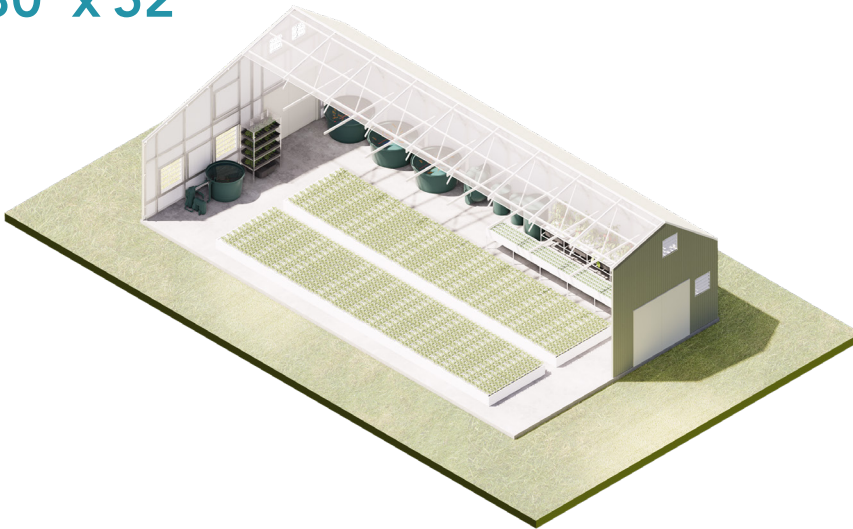


180-250 heads of LETTUCE or
LEAFY GREENS weekly

260 lbs of FISH annually

506 lbs of TOMATOES annually

30' x 52'

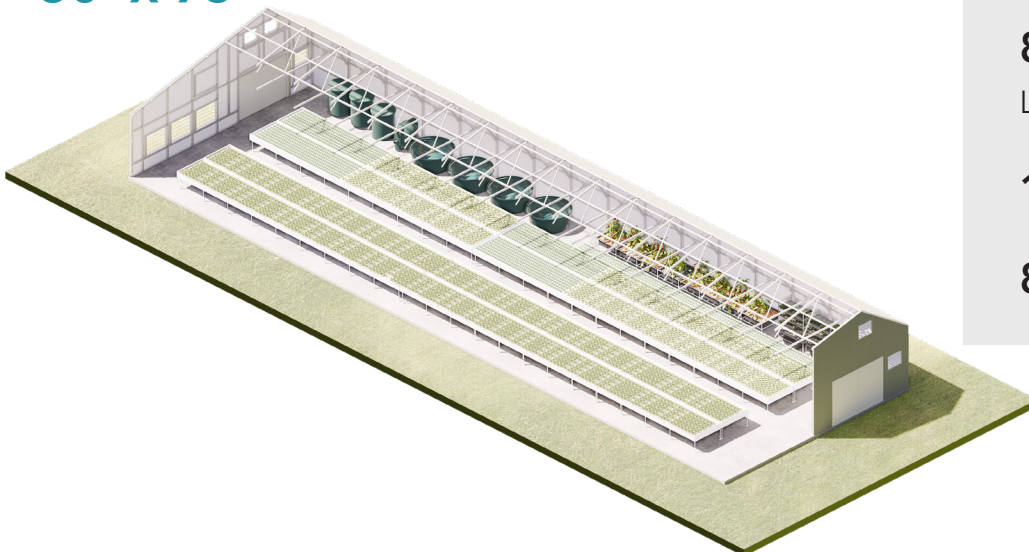


426-532 heads of LETTUCE or
LEAFY GREENS weekly

550 lbs of FISH annually

608 lbs of TOMATOES annually

30' x 98'



894-1,117 heads of LETTUCE or
LEAFY GREENS weekly

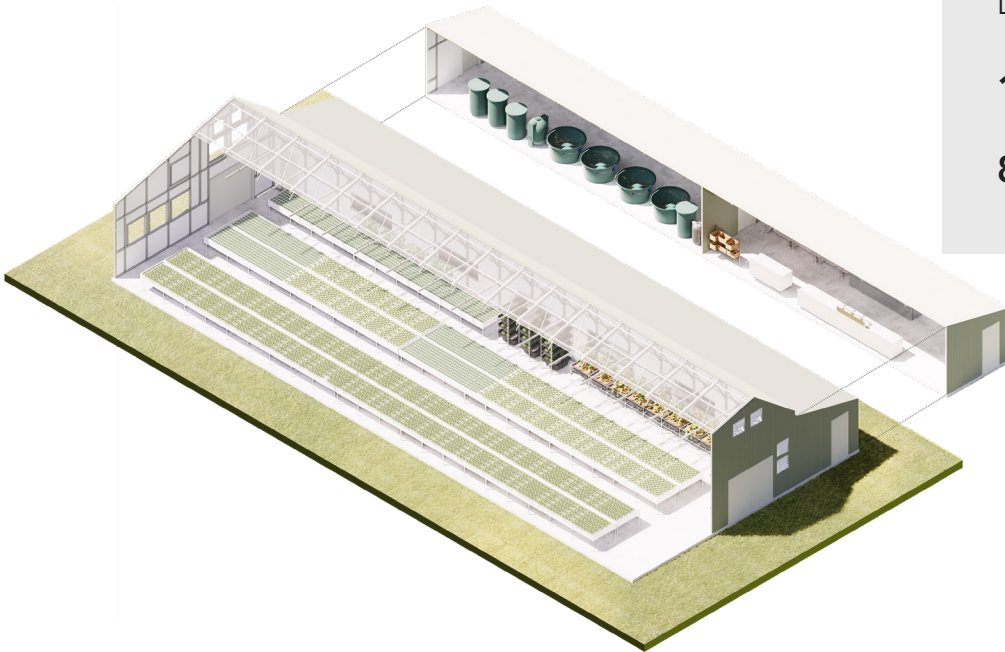
1,200 lbs of FISH annually

810 lbs of TOMATOES annually

AQUAPONIC GREENHOUSE SIZES | PRODUCTION

30' x 98'

WITH ATTACHED NORTH HEADHOUSE



904-1,131 heads of LETTUCE or
LEAFY GREENS weekly

1,200 lbs of FISH annually

810 lbs of TOMATOES annually

While we only have pre-designed aquaponic greenhouses for the sizes displayed here, we provide aquaponics systems for any size Ceres greenhouse. Contact us to learn more!

**Plant production estimates are highly variable and depend on many factors such as but not limited to; climate, environmental controls, system management, water quality, pest management and more. These estimates are for planning purposes only.*

50%

less ENERGY

compared to conventional greenhouses thanks to Ceres' energy-efficient design.

50- 100%

more LIGHT

compared to a standard greenhouse. Ceres greenhouses are designed to have a reflective interior north wall.

90%

less WATER

compared to conventional agriculture estimated production and resource use varies by crop selection, growing conditions and climate.

A COMPLETE SOLUTION

Energy-Efficient GREENHOUSES

ABUNDANT YEAR-ROUND GROWING

Ceres HighYield™ Greenhouse Kits use passive solar design principles, a fully insulated North wall, and steel framing, making them the most energy-efficient commercial greenhouses on the market.

HIGHER YIELDS

Glazing materials have a light transmittance and light diffusion to create a superb growing environment for high-productivity year-round growing.

DURABILITY

Steel frames are rated for high snow and wind loads, ensuring your investment is protected from extreme weather.

INTEGRATED CONTROLLER

Ceres proprietary SunSense™ controller allows for better environmental management.

CROP DIVERSITY

Flourish Farm™ Aquaponic Systems integrate media beds for fruiting crops, deep water culture for high production of leafy greens and vertical nursery systems for seedling and microgreen production. The recirculating system allows for the ongoing production of edible fish such as Tilapia, Catfish, Trout or high value ornamental koi.

ZERO WASTE

Every Flourish Farm™ system comes with an automated self cleaning filtration system and a solids mineralization tank. The mineralization tank allows solids removed from the filter to be aerobically broken down into additional nutrients for the plants. This nutrient rich mix can also be used outside the system for house plants, soil gardens or lawn care.

EFFICIENT DESIGN

Flourish Farms™ are designed to maximize the greenhouse space for plant production, optimal lighting and ease of operations. Deep water culture troughs can also be elevated to a comfortable working height. Farms can be customized to best fit your greenhouse space, production goals and budget. Head houses can be added for additional production space.

+ Hybrid AQUAPONICS SYSTEMS

Ceres Greenhouse Solutions, LLC® is an industry leader in advanced, high efficiency greenhouses. Since 2009, The Aquaponic Source™ has specialized in delivering superior educational programs, turnkey aquaponic systems for residential, school and commercial applications, growing and lighting supplies and support services. Together, Ceres and The Aquaponics Source™ work to integrate proven aquaponics systems into high-performance greenhouses for truly sustainable and resilient year-round growing.

