

# STEP INTO OUR HOUSE

Take a look inside our facility!

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## Production

At our facility in Ithaca, NY, Glass House Farms has the capacity to produce an estimated 500-750K heads of bibb lettuce every year. With the goal of distributing our produce to big-box stores across the nation, we are ensuring the highest quality of lettuce growth by utilizing a controlled environment and nutrient-filled watering tables to make sure our lettuce is happy and healthy.

## Technology



It is common knowledge that photosynthesis is the basic process plants use to absorb energy from the sun, but having control over the intensity and quality of light being provided results in finely tuned growing techniques. Glass House Farms' 8,000sqft. facility is lined with over 140 600W HPS (high pressure sodium) lights that provide our crops with sufficient light, in addition to the natural energy the sun emits.



What's the benefit of growing under glass? Year-round production. By taking advantage of greenhouse farming, Glass House Farms is able to produce bibb lettuce throughout the winter with controlled temperature and relative humidity. Growing under glass as opposed to the alternative material, polyurethane, allows a higher percentage of overall light transparency.



One of the most significant benefits of greenhouse farming is being able to utilize hydroponics. We achieve this by elevating the crops above ponds of nutrient-filled water to be sure they grow faster and healthier than traditional field farming. This also results in using about ¼ of the water that is needed for field crops, as well as greatly reducing the amount of water lost into soil.

## Our Team



**WAYNE BISHOP**

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## Contact

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