



Plenty Unlimited Inc. 2022 NCERA-101 Station Report

About Plenty

Plenty develops the world's most advanced indoor farming platforms to grow craveable, nutritious, high-quality crops at scale. Our mission is to improve the lives of plants, people, and the planet. To help accomplish this mission, we prioritize forming robust R&D partnerships with a diversity of stakeholders through intellectual communities such as NCERA-101.

2022 Highlights

- Plenty has attracted over \$900M of funding so far, including \$400M from Walmart in January of 2022, the largest ever indoor farming investment to date.
- Through a collaboration with Driscoll's, Plenty opened a vertical strawberry farm prototype in South San Francisco.
- In Compton, CA, Plenty launched a 95,000 ft² vertical farm with the world's highest leafy green production capacity.



Research and Partnerships

- Plenty is testing a variety of strategies that will make it possible to grow more food using fewer resources. These include performing experiments on: water treatment systems, preformed substrates, horticultural lighting, multi-cut harvests, beneficial microbe applications, watering frequency, and nutrient recipe optimization.
- Plenty has tested over 900 different fruits and vegetables at our "Plant Science 1" farm. We are searching for plant varieties that provide the best flavor, nutrition, and texture.
- Plenty is ramping strawberries to production scale, and working rapidly to develop tomato production research and development pipelines that include screening, perfecting environmental growing conditions and nutritional profiles, and lighting optimization.
- Plenty worked with Cal Poly to test a unique water quality management system, hosted several indoor agriculture research experts, and is working with state governments as we open farms outside of California.

Accomplishments and Innovations

- In 2022, Plenty earned a spot on [Forward Fooding's FoodTech 500](#) list, was named one of South San Francisco's [Best Tech Startups](#), and received an [AgTech Breakthrough](#) award.
- Thirty-percent of the workforce in Compton, CA is local to the area, and Plenty has collaborated with Compton's mayor to support the greater community.
- Plenty has identified a site for a campus of several farms growing different crops on the East Coast of the United States.
- Plenty consistently supplies nutritious food to consumers through seasonal and climatic variations, pandemic disruptions, and supply chain limitations.

[Plenty of Reasons - Working on a Plenty Farm Video](#)
[Plenty's South San Francisco Farm](#)