

Cornell Orchards

Our orchards in Ithaca and Lansing, NY, are home to innovative research on apples, grapes, stone fruit and berries. Our efforts help a growing fruit industry to thrive, providing consumers with nutritious and delicious fruit.

Researchers diligently work to:

- Develop sustainable production methods
- Optimize fertilization guidelines
- Understand the role of native pollinators
- Extend growing seasons
- Increase the nutritional value of fruit
- Improve storage life
- Enhance fruit flavors
- Advance wine and hard cider production



We've established a diverse selection of fruit varieties and planting systems from traditional to high-density trellised orchards, to facilitate a broad array of research and teaching interests.

To maximize our sustainability we employ the latest technology and science — from novel equipment to innovative plant care practices.

Two acres of apple plantings are certified organic.



Our controlled atmosphere storage rooms support research and allow us to bring farm-fresh, crisp apples to your table long after the harvest season ends.

Faculty instructors, students and interns use the orchards as a living laboratory, providing future generations of growers and researchers hands-on experience with all aspects of fruit production.



Cornell Orchards by the Numbers

General

44

Active acres

>50

Total apple varieties

1-100

Age range of trees

8

Cornell developed apple varieties at the Orchards

Annual Averages

10-15

Research projects

1,500

Visitors attending tours and events

25,000

Pounds of grapes harvested

10,000

Bushels of apples harvested

300+

Cornell students use the orchards for learning and research

Serving New York State

29.5 MILLION

Bushels of apple production in NYS, the second largest apple producer in the country

187,000

Tons of grape production in NYS, the third largest grape producer in the country

Cornell Orchards is managed by the Cornell University Agricultural Experiment Station and serves the School of Integrative Plant Science and other units at Cornell. cuaes.cals.cornell.edu

