For more than 130 years, we've served New Hampshire as the agricultural, food and natural resource research arm of the UNH land-grant mission.

We provide science-based answers to critical issues in New Hampshire: resilient food production, effective forest management and sustainable natural resources for future generations.

From the lab to the field, forest, and sea, our researchers push scientific frontiers and develop data-informed solutions to help the economic, environmental and societal well-being of New Hampshire's many diverse communities.

Our innovative research is supported by essential funds from the U.S. Congress and the New Hampshire State Legislature.

We leverage essential support to secure additional research funds from federal and state agencies and industry partnerships.

Our scientists represent more than 50 programs conducting research and communicating novel solutions across New Hampshire communities.

We maintain two farms, two dairies, greenhouse space, and farm service operations to enable the success of our diverse, practical research.
By the Numbers

Annual Rate of Return on Agricultural R&D Investment

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<th>NH</th>
<th>U.S.</th>
<th>S&amp;P 500</th>
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<td>Return on Investment</td>
<td>20.15%</td>
<td>15.59%</td>
<td>9.80%</td>
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Source: Data from Plastina (2012), "Rates of return to public agricultural research in 48 states."

$23.8 million in competitive federal, state, and industry grants awarded to Station scientists to further support locally important research.

A nearly 400% return on essential federal and state investment.

The Experiment Station Supports:

- 52 Scientists
- 38 Graduate students, postdoctoral fellows
- 810 Research farm and forest acres
- 304 Research dairy cows
- 1,359,711 Stakeholders across New Hampshire

Fruit, vegetable, and ornamental plant breeding programs help growers identify and overcome current and new production uncertainties. Research on cool-climate table grapes and kiwiberries is helping the state's and region's producers make data-driven decisions to broaden their production portfolio and be more resilient to market and weather risks.

Sustainable aquaculture is a growth industry in New Hampshire and across New England. Ten years ago, our scientists began to conduct research for expanding the state's oyster farming industry. In 2013, only four oyster farmers operated on Great Bay. Today, there are 32 commercial mollusk operations with $419,000 in sales. Many of these operations rely on the Station's science-based recommendations.

As the longest continuous cucurbit breeding program in North America, the research has led to 80 new varieties of squash, pumpkins, gourds and melons. The varieties are grown in home gardens and commercial operations throughout New England and the world. These varieties provide more consistent, cold-hearty and disease-tolerant crops benefiting the food and agricultural sectors.

Home to the first organic research dairy farm at a land-grant university, our researchers develop new techniques for boosting milk productivity, quality and economic profits. Finding the right balance among cost-effective feed production, animal health and milk quality characteristics is critical to the integrated, multi-disciplinary research efforts and knowledge sharing across the state and the New England region.

We are your New Hampshire Agricultural Experiment Station

Science for the Public Good
colsa.unh.edu/nhaes

University of New Hampshire
NH Agricultural Experiment Station
College of Life Sciences & Agriculture
46 College Rd, Durham, NH 03824