



A Cornerstone Since 1887

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.



World-Class Science

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.



High-Stakes Issues

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

New Hampshire Agricultural Experiment Station

Science for the Public Good: Locally Inspired. Globally Important.



University of New Hampshire
College of Life Sciences and Agriculture

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.

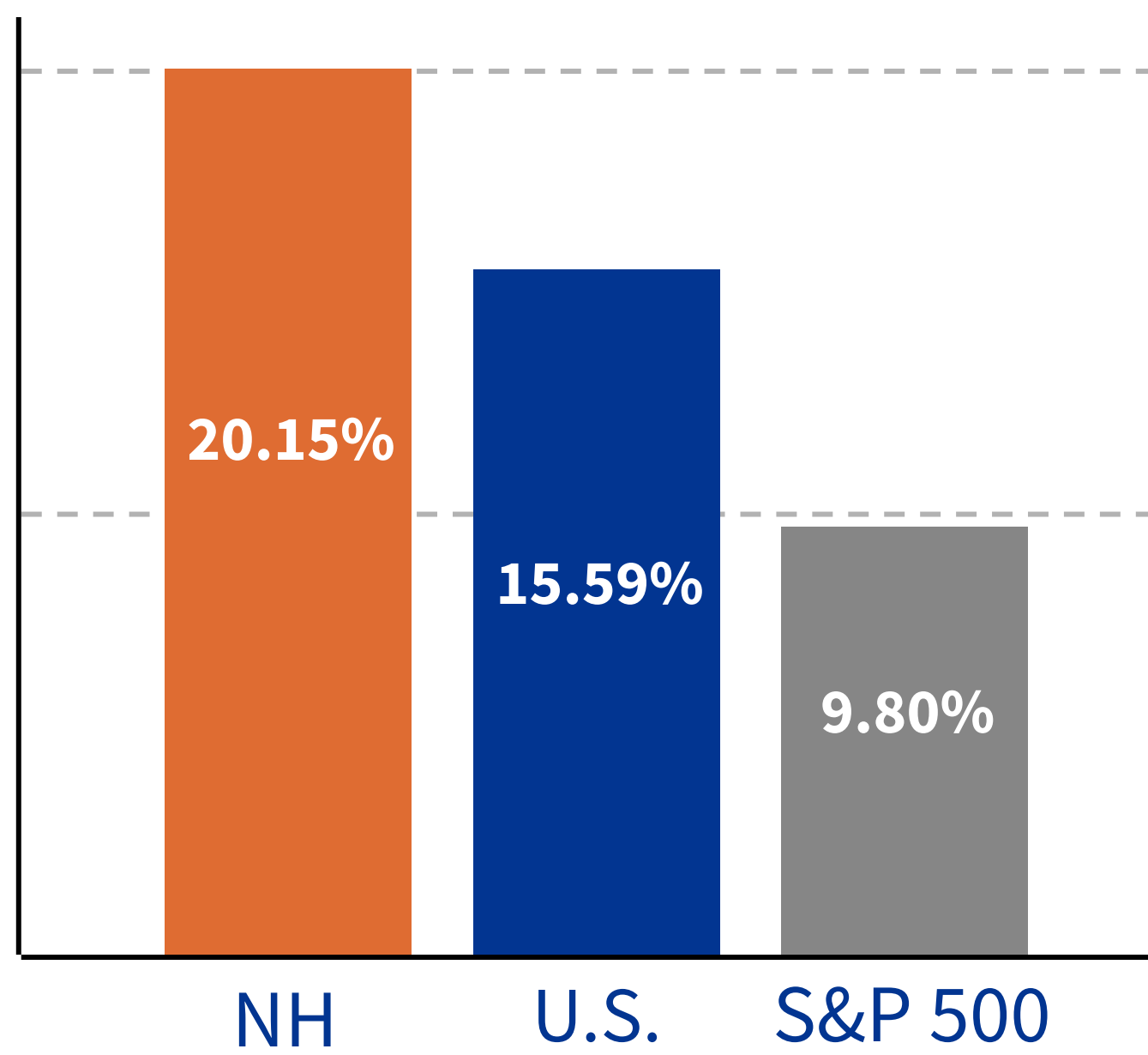
We maintain two farms, two dairies, greenhouse space, and farm service operations to enable the success of our diverse, practical research.

By the Numbers

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

Annual Rate of Return on Agricultural R&D Investment



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.



Table grape vines at the Woodman Horticultural Research Farm.

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.



Dr. Ray Grizzle demonstrating farmed oyster research on Great Bay.



Dr. J. Brent Loy (1941-2020) with squash plants at the MacFarlane Research Greenhouses.

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-hardy 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.



Student with a Jersey calf at the Organic Dairy Research Farm.

We are your New Hampshire Agricultural Experiment Station

Science for the Public Good

colsa.unh.edu/nhaes



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College of Life Sciences & Agriculture
46 College Rd, Durham, NH 03824

