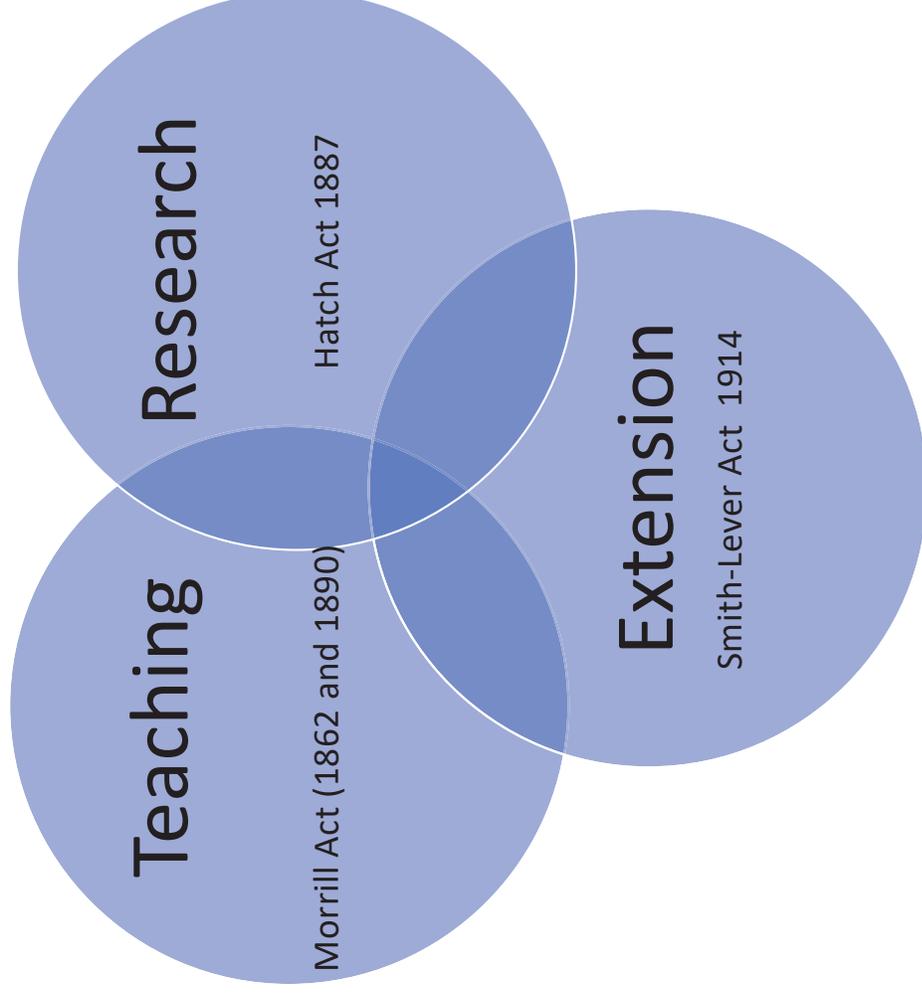


3-Pronged Mission of Land-Grant Universities





What are Ag Experiment Stations (AES)

- **Agricultural Experiment Stations Perform 75% of publicly funded agricultural research**
- However, Agricultural Experiment Stations have almost no profile in the Northeast and are not well understood nationally
- Nationally, Ag Experiment stations are rebranding to **agInnovation**

The Hatch Act of 1887



SHARE    

CAPACITY GRANTS

- > Agricultural Extension Programs at 1890 Institutions

The purpose of this funding is to conduct agricultural research programs at State Agricultural Experiment Stations in the 50 states, the District of Columbia, and the U.S. insular areas.

Hatch activities are broad and includes research on all aspects of agriculture, including soil and water conservation and use; plant and animal production, protection, and health; processing, distribution, safety, marketing, and utilization of food and agricultural products; forestry, including range management and range products; multiple use of forest rangelands, and urban forestry.

UVM AES pays for

- Faculty salaries
- Small faculty seed grants
- Graduate student support
- Facilities: farms and greenhouses

Hatch funds: “formula” or “capacity” funds

- USDA funds given to Agricultural Experiment Stations based on a *formula* that considers population and agricultural area
- Hatch funds intended to build *capacity* for agricultural research of state and regional significance
 - **Each state land grant sets priorities based on stakeholder input**
- Must be *matched* (not necessarily 1:1) by state allocation.

Northeast Agenda for AES Priorities

Develop viable, sustainable, and equitable food systems

Lead effective adaptation and mitigation for our changing climate

Promote environmental, human, animal, and community health and well-being

<https://northeastextension.org/regional-projects/the-northeast-agenda/>

VT AES Priorities

- Animal Health, Production, and Products
- Development and Sustainability of Communities
- Foundational and Exploratory Research in Agriculture
- Nutritional Value, Food Security and Food Safety
- Quality of the Natural Environment
- Sustainability of Vermont Agriculture, Food and Forests
- Resilience of Families and Individuals (UVM Extension Only)

Our Farms

- Proctor Maple Research Center
- Miller Research and Education Center
- Horticulture Research and Education Center
- Each serves the overlapping missions of research, teaching, and outreach



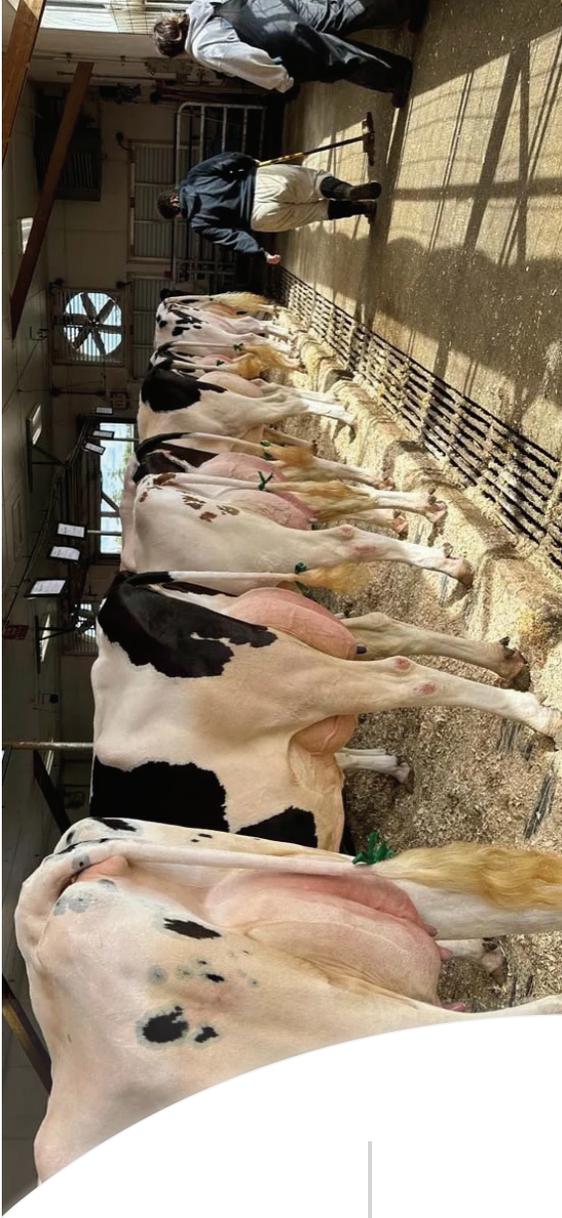
Proctor Maple Research Center

- New Scientific director, Dr Tim Rademacher



Miller Research Complex

- Proposed USDA ARS activities and investments
- A unique site as one of the most visible farms Vermont



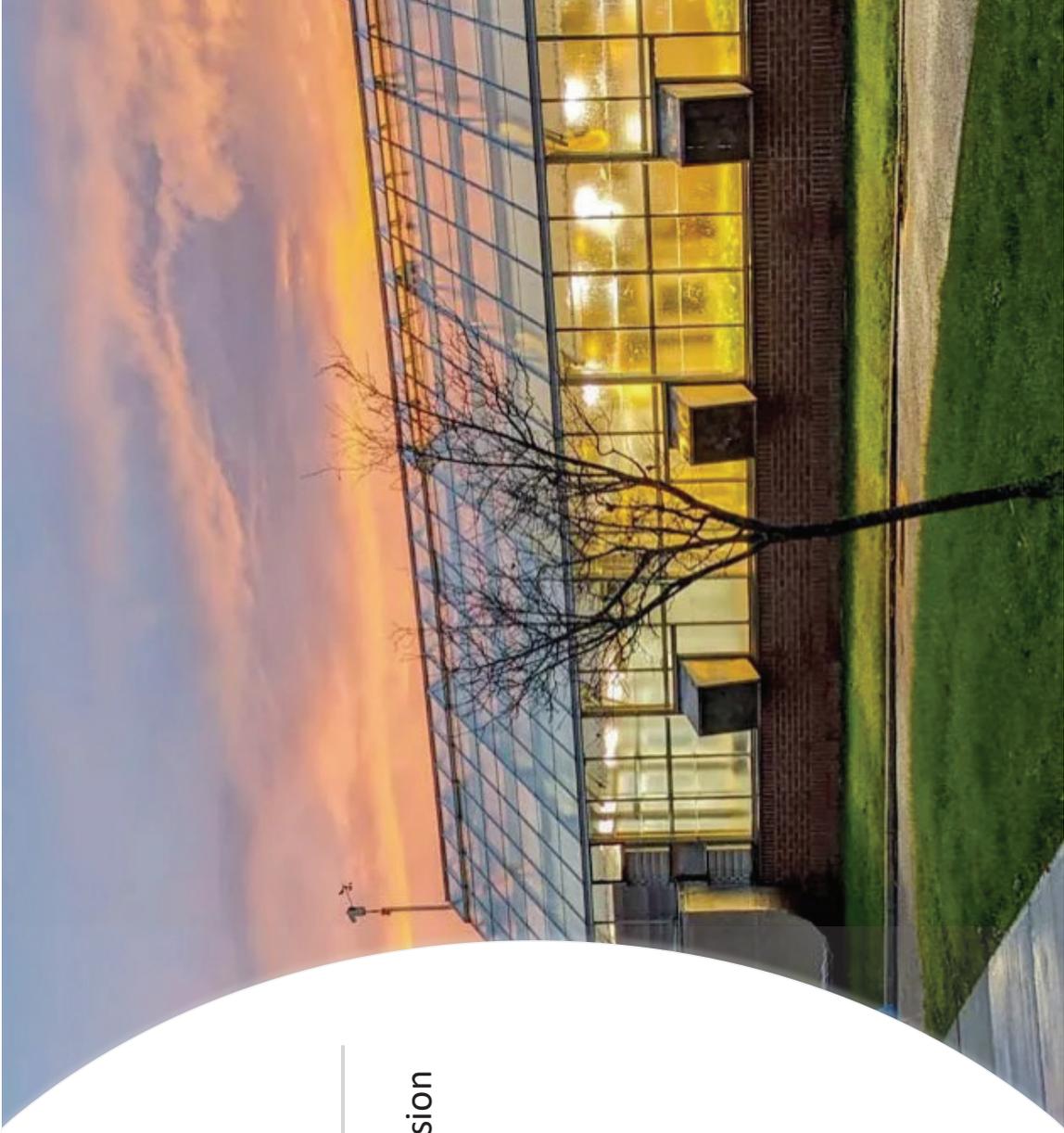
Horticulture Research and Education Center (HREC)

- A multi-use farm nestled in South Burlington
- Both conventional and organic production
- A range of training programs



Campus Greenhouses

- Critical to the teaching and research mission of the UVM College of Agriculture



UVM Morgan Horse Farm



Hatch funds: “formula” or “capacity” funds

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Hatch Challenges

- \$1.5M Federal over past several years, some increases but less than inflation
- *Threatened 3-5% decrease by feds, with other changes always possible in Washington*

Future Goals

- Get stakeholder input on AES priorities within context of NE priorities
- Assure capacity building to meet shifting state needs
- Translate research results with Extension

VT AES Priorities

- Animal Health, Production, and Products
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Questions and comments very welcome

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