

MICHIGAN STATE UNIVERSITY Extension

Growing Michigan Agriculture Through Partnerships

Ray Hammerschmidt, Ph.D.
Interim Director
Michigan State University Extension



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Agriculture and agribusiness

- 66 educators
- 8 program instructors
- New capacity in dairy, environmental management, vegetable production, floriculture, nursery crops, field crops and animal care

4-H

- Program coordinators in 81 counties
- 59 educators and specialists
 - Create hands-on events and curriculum

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Fostering growth
Encouraging innovation
Training the future
Translating research

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Fostering Growth

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Encouraging Innovation





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Project GREEN

- Mission
 - Respond to industry needs with research and education
 - Food safety
 - Food quality
 - Environment
- Partnership
 - MSU AgBioResearch
 - MSU Extension
 - MDARD



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MSU AgBioResearch's Role in Supporting Michigan Agriculture

Douglas D. Buhler, Ph.D.
MSU AgBioResearch Director
CANR Senior Associate Dean for Research

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Overview



- MSU AgBioResearch
 - History/Mission
 - Priorities
- MSU's research contribution to Michigan agriculture
 - Aligning with industry
 - Advancing animal agriculture
 - Leveraging funding
 - Rebuilding resources

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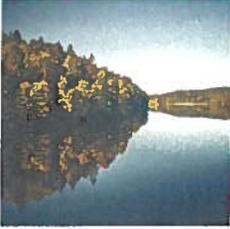
History



- **HISTORY:** Founded in 1888 as the Michigan Agricultural Experiment Station via Hatch Act
- Renamed MSU AgBioResearch in 2011
- **MISSION:** Engage in research that ensures wise use of agricultural, and community resources and enhances the quality of life in Michigan, the U.S. and the world

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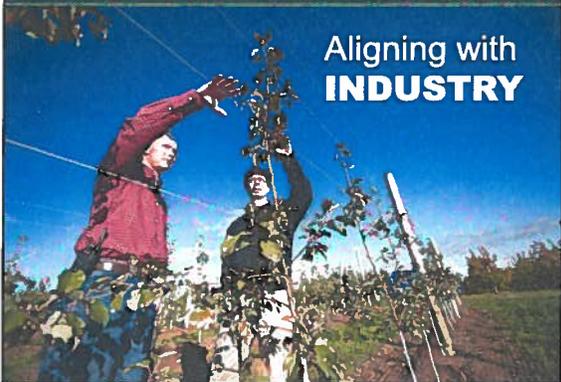
Priorities



- Food and health
- Environmental stewardship, policy & management
- Enhancing profitability
- Secure food and fiber systems
- Families and community vitality
- **FOOD, ENERGY and the ENVIRONMENT**

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Aligning with INDUSTRY

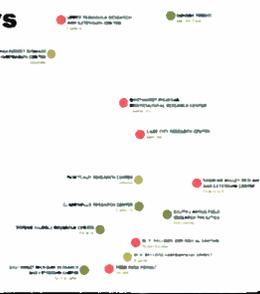


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Research Centers

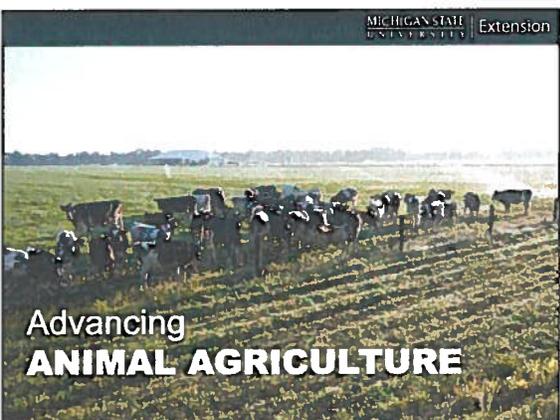
- 18 on-campus facilities
- 13 outlying centers with specialties

- Dairy
- Livestock
- Dry beans/Sugarbeets
- Fruit
- Food systems
- Bioenergy
- Forestry
- Potatoes
- Vegetables
- Cropping systems
- Natural resources









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Michigan Alliance for Animal Agriculture



- Formerly the Animal Agriculture Initiative
- Partnership between animal agriculture industries, the MSU CANR, MSU AgBioResearch and MSU Extension
- Represents 8 animal agriculture stakeholder organizations
- In 2014 funded 17 projects totaling \$630,780

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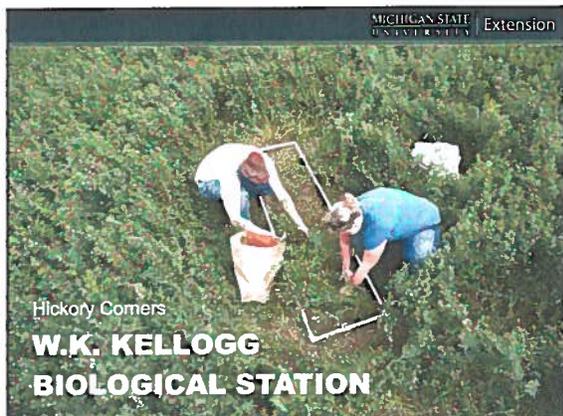


Lake City
**LAKE CITY
RESEARCH CENTER**

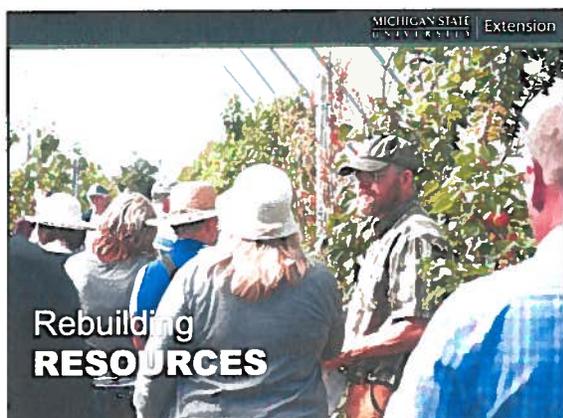
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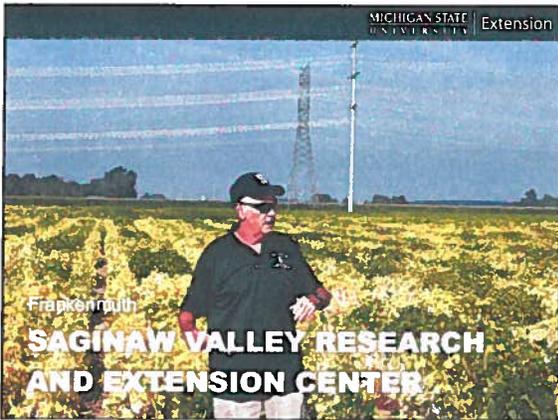
Leveraging
FUNDING













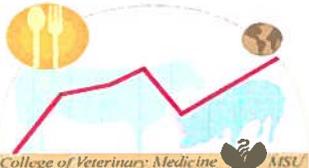
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Scientists



- 300+ faculty members
- 7 MSU Colleges:
 - Agriculture and Natural Resources
 - Natural Science
 - Veterinary Medicine
 - Engineering
 - Social Sciences
 - Communication Arts and Sciences
 - Arts and Letters





College of Veterinary Medicine MSU

FOOD SYSTEMS FELLOWSHIP PROGRAM



