



IMPORTANCE OF GROWER FUNDED RESEARCH FOR THE PROSPERITY OF THE INDUSTRY

Partnerships

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Penn State - PA's Land-Grant University

KNOWLEDGE WITH A PUBLIC PURPOSE

EDUCATION

Undergraduate – Graduate – World Campus – Global Programs

RESEARCH

Discovery – Application – Technology Development

EXTENSION

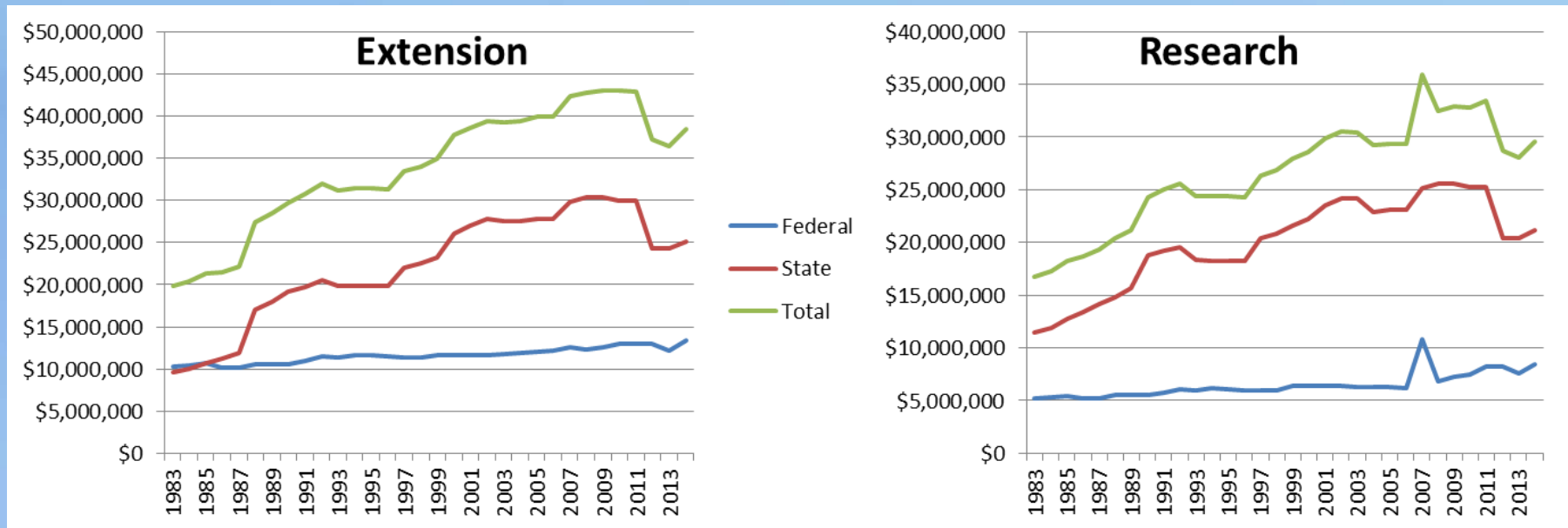
Dissemination - Adoption



Penn State's Partnership with Agriculture

Agricultural Experiment Station - Hatch Act of 1887

Cooperative Extension Service - Smith-Lever Act of 1914

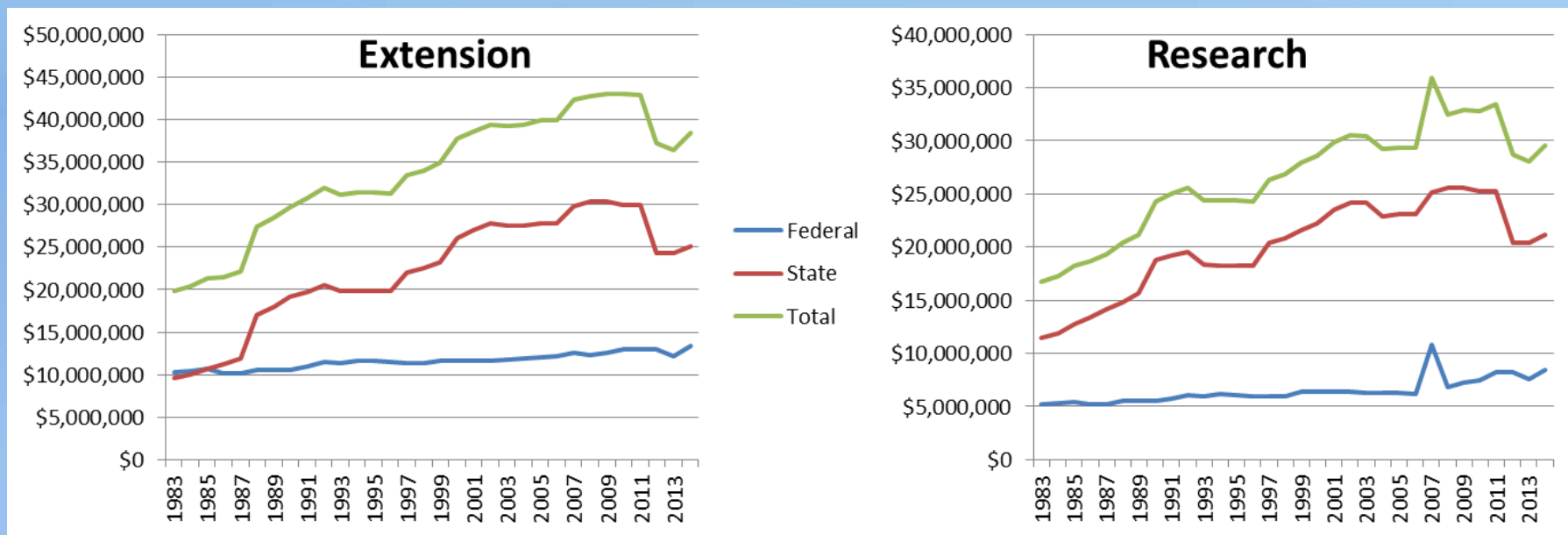




Penn State's Partnership with Agriculture

Agricultural Experiment Station - Hatch Act of 1887

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Specialty Crop Research Initiative



...established to **solve critical industry issues** through research and extension activities

...priority to projects that are **multistate, multi-institutional**, or trans-disciplinary

...include explicit mechanisms to **communicate results to producers** and the public

Specialty Crop Research Initiative



College of Agricultural Science - 18 Projects - \$2,605,274

1. Research in plant breeding, genetics, genomics, and other methods to improve crop characteristics
2. Efforts to identify and address threats from pests and diseases, including threats to specialty crop pollinators
3. Efforts to improve production efficiency, handling and processing, productivity, and profitability over the long term
4. New innovations and technology, including improved mechanization and technologies that delay or inhibit ripening
5. Methods to prevent, detect, monitor, control, and respond to potential food safety hazards in the production efficiency, handling and processing of specialty crops.



Penn State's Partnership with PA Agriculture

Penn State Funding Partnerships

2014

State Horticultural Association of Pennsylvania	\$173,384
PA Vegetable Marketing and Research Program	\$ 50,932
PA Wine Marketing and Research Board	\$152,258
NY Wine and Grape Association	\$ 37,796
Total of 49 research projects	\$414,370





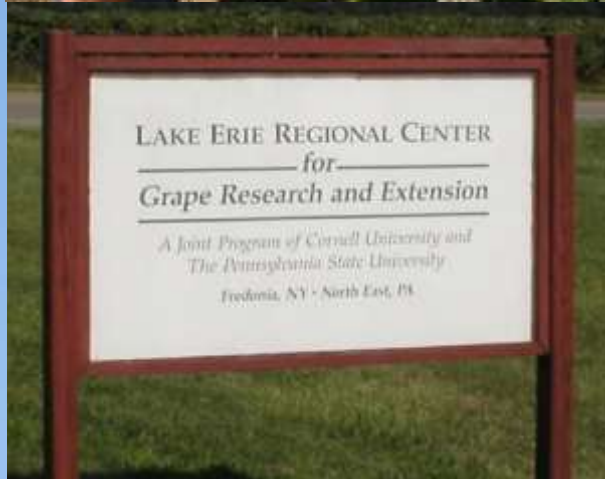
Southeast Agricultural Research and Extension Center (SEAREC)



Fruit Research and Extension Center (FREC)



Lake Erie Regional Grape Research and Extension Center (LERGREC)



Training the Next Generation for Research and Extension



Challenges & opportunities are never ending...



PennState AgScience

RESEARCH

