



Northern New York Agricultural Development Program News

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Northern New York Agricultural Development Program Announces 2015 Research Projects

Northern New York – The farmer-driven Northern New York Agricultural Development Program has announced 27 farm research projects for 2015.

The Northern New York Agricultural Development Program received \$600,000 in State funding for the projects that cover a wide range of agricultural interests from evaluating emerging mastitis pathogens in dairy herds and early warning crop scouting for perennial and emerging diseases to Juneberry 'superfruit' production, and potential new high value crops for Clinton, Essex, Franklin, Jefferson, Lewis and St. Lawrence counties.

Farmers are cooperating with researchers from Cornell University, Miner Institute, Quality Milk Production Services, and Cornell Cooperative Extension to evaluate opportunities to enhance dairy calf health; and advance the production of crops from alfalfa, legumes, corn and oats to beef, birch syrup, edamame, apples, cold-hardy grapes, and amelanchier, also known as Juneberry, and other berries.

'Every year we hear more and more reports from farmers that they are substantially saving on costs, time and labor as a direct result of the insights, information, and innovations produced by Northern New York Agricultural Development Program projects,' says Program Co-Chair Joe Giroux, a dairy owner in Plattsburgh, Clinton County.

'Northern New York Agricultural Development Program research supports the needs of our unique regional growing conditions, soils, and microclimates. The agricultural and environmental insight and results developed here benefit the economy both locally and statewide,' said Program Co-Chair Jon Greenwood, a St. Lawrence County dairy farmer.

'The Northern New York Agricultural Development Program produces a tremendous amount of information for the well-diversified agricultural interests across the region, from fruit to dairy to crops production and all aspects of farming with benefits to farms of all sizes,' says Program Co-Chair Jon Rulfs, a partner in dairy and orchard businesses in Clinton County.

More than 130 farmers participate as committee members with the Northern New York Agricultural Development Program. The most recent Census data shows a total value of NNY farm products in excess of \$752.8 million.

Funding for the Northern New York Agricultural Development Program is supported by New York State Senate leadership and is administered through the New York State Department of Agriculture and Markets. For more information, a complete list of

NNYADP 2015 projects, and results of the past projects, visit the Program website at www.nnyagdev.org.

Northern New York Agricultural Development Program Projects for 2015

Ag Environmental Stewardship

Assessing Agronomic & Environmental Aspects of Tile Drainage

Ag Industry

Reaching the Younger Farmer Effectively

Alfalfa Snout Beetle (ASB) Management

- Breeding ASB-Resistant Alfalfa Varieties
- Extending Biological Control of ASB

Crop and Livestock Pest & Disease Control

- Brown Root Rot of Alfalfa: Yield of Populations Developed after Exposure to BRR Fungus and Ice Sheeting
- Diagnosis and Assessment of Diseases of Corn and Soybean in NNY
- Evaluating Alfalfa Varieties & Germplasm for Winter Survival in NNY
- Longitudinal Characterization of Mastitis-Causing Pathogens: "Other Streptococcal Species"
- Effect of Grazing High-Tannin Legumes on Internal Parasite Infections in Goats and Sheep
- Evaluating Brown Mid-Rib Corn Silage Hybrids
- Improving Quality in Alfalfa-Grass Mixtures

Dairy Production

- Do mineral concentrations in water affect feed digestibility, cow health, and performance on dairy farms?
- Evaluating calf housing and its impact on calf respiratory parameters on NNY dairy farms

Enhancing Field Crop Production Under NNY Conditions

- Evaluating Alfalfa-Grass for Maximizing Economic Return
- Evaluating Corn Hybrids for Grain Production and Leaf Disease Severity in NNY
- Corn Yield Potentials of Corn Grain & Silage: Greenseekers and Yield Monitors: The Perfect Marriage
- Assessing Plant Tissue Nutrient Levels in Soybeans in NNY
- Late Summer-Planted Oats for Forage: A Viable Option for NNY?

Livestock Production and Marketing

- Evaluating Tools to Increase Competitiveness and Profitability of Beef Stocker Operations in NNY
- Quality Growth Parameters for Dairy Beef Production

Maple/Forestry Production

- Producing Syrup from Birch Trees in NNY: A Niche Marketing Opportunity for Sugarmakers

NNY Fruit and Vegetable Production

- Evaluating Novel Cold-Hardy Grape Varieties for Production in NNY
- Identification and Grower Education of Key Pests in Apple Orchards in NNY
- Precision Crop Load, Irrigation and Harvest Management to Optimize Fruit Size and Quality of NNY Apples
- Advancing Season Extension and Protected Culture Efficiency with NNY Growers
- Developing Amelanchier as Novel Fruit Crop, NNY as Juneberry Research Center
- Exploring the Potential for Edamame Production in NNY

See www.nnyagdev.org for NNYADP annual economic impact reports, past projects results and other information.