



Northern New York Agricultural Development Program
*Practical Research & Results for Clinton, Essex,
 Franklin, Jefferson, Lewis & St. Lawrence Counties*

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**NNYADP Research & Outreach
 Impacts:***

- 4,268 Farms
- 1.11 million Acres
- \$52.9 million Farm Employee Payroll
- \$595.7 million Market Value of NNY Farm Products
- 5 Dairy processing plants
- 50 CSAs
- 37+ Community Farmers' Markets
- 10 New High Tunnels
- 619 Farms Selling Direct to Consumers
- 4 Agricultural Research Farms
- 19 School Districts with Ag Education Programs
- 15/675 FFA Chapters/ FFA students

NNYADP Strengthens NNY

New York State funding entrusted to the farmer-led Northern New York Agricultural Development Program provide NY's 6 northernmost counties with practical research, outreach and results that equate to:

- Emerging farm-based industries
- Cost-effective, how-to problem solving
- New business development
- Cutting-edge research
- Access to industry and university-level expertise
- Farm stability & community sustainability in tough times; profitability when marketing opportunities arise
- Community, food & environmental security, and
- with renewed funding, new opportunities in 2011.

**New York State Funding of
 Northern NY Agricultural Development Program
 Returns on Investment in Multiple Sectors***

- \$4.02+ million** Current commodity value of NNY soybean acreage grown for beans; tremendous opportunity exists to grow for food-grade processing markets now eyeing NNY
- 20%** Reduction in phosphorus (P) use with cost savings to farms and environmental benefits to NNY region
- \$13 million** Impact of NNYADP data on corn hybrid planting decisions
- \$1.3-\$1.76 million/yr** Projected nitrogen fertilizer cost savings on 44,159 acres of 1st-year corn
- 28%** Projected savings for nitrogen (N) not needed after using NNY-calibrated soil nitrogen testing tool on 6 NNY farms
- \$7.5 million+** Opportunity to grow into NNY heritage wheat production and processing revenues on 6,000 acres in demand by regional processor (current wheat acres: 376)
- Up to 5,000/yr** # of dairy cows successfully treated or protected from deadly Klebsiella mastitis by NNYADP research results
- \$1-5 million/yr** Farm savings for successfully-treated Klebsiella cows
- \$61-90 million** Farm savings over 3 years in alfalfa forage not lost to alfalfa snout beetle (*does not include resulting gain in milk production*)
- \$510/acre** Sales/use gain from using NNY alfalfa variety trial data
- 26%** Increase in maple taps in NNY in past 5 years
- \$5.5 million** NNY maple industry revenues with opportunity to double
- \$22.7 million** Potential year-7 income for NNY's 17 vineyard wineries (5 more expected to open in 2011)
- \$75,000-\$100,000/yr** Gross income potential for fruit, berry and vegetable production produced in NNY's 10 new high tunnels

** figures from several sources, including NNYADP research, US Census of Ag, Cornell University*

**Based on NNYADP-funded research,
 every NNY farm has an opportunity to decrease fertilizer use
 and/or redistribute manure to fields with lower CSNT values
 to save each farmer money and
 help mitigate N loss to the environment.**

**Manure reallocation to low P and K fields, when feasible,
 could result in even greater savings in fertilizer costs.**

**— Dr. Quirine Ketterings,
 Nutrient Management Spear Program, Cornell University**