



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

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### Practical Problem Solving: Beetle Be Gone! Restoring NNY Alfalfa Crops

NNYADP research has beat the alfalfa snout beetle (ASB) that destroys entire fields of forage fed to dairy and beef cattle, horses and other livestock. ASB exists in 9 New York counties and in Ontario, Canada.

For Jay and John Peck (left) that success reduced field & forage costs and restored a 25% loss in milk production. This Northern New York success story has been featured in *American Agriculturist* and other national publications.

**NNYADP funding is needed to extend awareness of, training in and use of the inexpensive, on-farm biocontrol solution for ASB to more farms.**

### Protecting Our Natural Resources

**“Participating in this Northern New York Ag Development project on corn nutrient management was a win-win that saved me money.”** — Jefferson County Farm Bureau President and dairy farmer Mike Kiechle



### Practical Problem Solving: Dairy Improving Cow Survival & Health

- NNYADP research and outreach has much improved the understanding of Klebsiella mastitis — the most expensive form of mastitis in dairy cows. A previously untreatable cow can now effectively be treated with at least a 50% chance of success, and improved diagnostics of Klebsiella mastitis have resulted in better prevention programs.
- Given the cost of the disease, Cornell University anticipates 1,000-5,000 cows are saved per year in NNY at a **value of \$1-5 million/year**. One Jefferson County dairyman says, “I would say that number is several times higher as just on our farm 700 cows were impacted.”

**NNYADP funding will support development of subsequent production improvements and long-term reductions in somatic cell counts with further positive impact on NY’s dairy industry.** — Ynte Schukken, Cornell University

### Emerging Farm-Based Regional Industries:

#### Cold Hardy Grapes & NNY Wines and Agritourism

The Northern NY wine industry is about to blossom with the benefit of Northern New York Agricultural Development Program research on growing and processing cold-hardy grapes suited to the regional climate.

Right: First batch wines made with grapes grown in research trials at the NNY Willsboro Farm won six awards in an amateur winemaking contest and prompted establishment of a new private vineyard and winery just licensed in 2011 in Eastern NNY. In Western NNY a new wine trail is gaining a young reputation as NY’s newest wine region.



**Continued NNYADP funding will assure the momentum of this burgeoning new industry with potential for positive economic impact on regional agricultural and NY’s tourism industry.**