



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

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Emerging Farm-Based Business: **Bio-Energy**

- The federal government wants 36 billion gallons of renewable transportation fuel in production by 2022, with grass as a principal biomass source
- Research at the NNY Cornell Willsboro farm is identifying the best grasses and optimum management for profitable locally-based energy enterprise
- The Northern New York Agricultural Development Program was the first to fund switchgrass field trials that sparked a farm-community entrepreneurial partnership. Left: Tom Lee is seen with Cornell Extension Associate Hilary Mayton at his Madrid farm where Tom grows and processes switchgrass into pellets to heat a 30,000-sq-ft apartment complex in Waddington, NY.

Timely funding will continue NNYADP energy crop field trials and research evaluation to help farmers capitalize on emerging bioenergy markets.



*Cornell Maple Research Forest,
Lake Placid, NY*

Emerging Farm-Based Regional Industry: **Maple**

We Have the Opportunity to Grow to \$9+ Million/Year

- Northern NY's maple production has the resources to grow into a more than \$9 million/year industry (*Farrell, NNYADP, 2008-09*)
- Northern New York Agricultural Development Program research and outreach have spurred a 26% increase in the number of taps in the region, adding more than \$1.1 million in farm-gate revenue.
- NNY maple industry revenues are currently more than \$5.5 million annually.

Continued funding of the NNYADP will support NNY maple industry growth and the opportunity to nearly double its current revenues.

Emerging Farm-Based Regional Industry: **Small Grains Production & Processing**

"We are interested in Northern New York-grown soybeans and are looking at NNYADP research trial data to identify beans

that can be organically-grown with good color and taste.

We see future opportunities to contract with NNY growers to produce a desired variety of bean that has done well in regional trials."

— Vermont Soy Business Manager Michael Carr

"The value of projects made possible by the Northern New York Ag Development Program extends to businesses that depend on local sources of raw product for value-added production which provides jobs and generates dollars to feed the local economy." — Champlain Valley Milling owner Sam Sherman



Side-by-side organic wheat trials at the Cornell E.V. Baker Agricultural Research Farm, Willsboro, NY

Continued funding of the NNYADP represents the opportunity to capitalize on emerging crop and food markets.

"Almost no soybeans were grown in NNY before the Northern New York Agricultural Development Program began evaluating the opportunity for both conventional and organic production. We now have a conventional soybean crop worth \$4 million with tremendous markets ready for both conventional and organically grown NNY beans" — Cornell Willsboro Agricultural Research Farm Manager Michael Davis