



January 2016 NNYADP Economic Impact Report

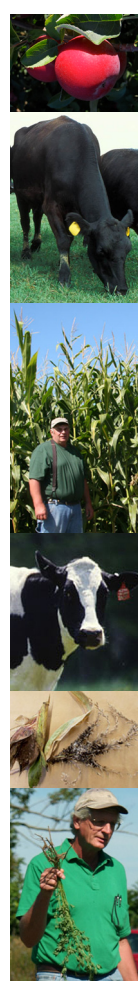
Practical Research and Results for North Country Farms *Clinton, Essex, Franklin, Jefferson, Lewis & St. Lawrence Counties*

CO-CHAIRS:

Jon Greenwood, Canton, 315-323-4814 ~ Joe Giroux, Plattsburgh, 518-563-7523
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Advancing Agriculture Across New York State's 6-County Northern Region Underpinning North Country Economies & Communities • Benefitting Farms Here & Beyond



Sector	2015 Projects Snapshots	*Economic/Value Indicators
APPLES	Identifying Key Apple Pests with Farmer Education, Precision Apple Orchard Management to Optimize Fruit Quality, Size and Profitability	\$46.9 million harvested value: NNY: 123 farms, 3,453 acres
BEEF	NNYADP Industry Survey: 96% of NNY beef producers surveyed plan to expand/maintain current size. Projects: enhancing beef stocker operations competitiveness & dairy beef quality/growth parameters	NNY: 932 farms/12,077 animals \$96.11-\$252.98 profit/cow 2012-2021 USDA #s/estimate
CROPS	Enhancing field crop production under NNY conditions: alfalfa winter survival, evaluating BMR corn silage hybrids, improving alfalfa-grass forage mixes, corn grain production, nutrient levels in soybeans, greenseeker technology for corn growers, late oats as forage option, and evaluating NNY cornfields that yield over expectation. (Also see disease/pest control section below)	NNY: \$100.6 mil corn crop, \$3.62-4.17/bu Dec 2015 \$6.31 mil soybean crop, \$8.05-9.55/bu 2016 est NNY oats for grain: 3890 ac, \$2.64/bu Dec 2015
DAIRY	Improving cow and calf health: Pinpointing lesser-known mastitis pathogens • Evaluating dairy water quality challenges, e.g., mineral concentrations, pH • Housing impact on calf respiratory health; water quality impact on calf health and hydration	Dairy: \$486.9 million. NNYADP report: 5.5-14.2 lbs/cow/day lost milk production/revenue/#water quality factors/farm
DISEASE/PEST CONTROL	NNY benchmarking project that revealed head smut not seen in NY since 1980s and northern stem canker not previously ID'd in NY continues, alerting farmers to proactive measures to protect corn and soybeans. Brown root rot (1st ID'd in NYS in NNY in 2003) research continued in 2015.	NNY: Corn: \$100.6 mil crop; 730+ farms/156,221 acres • Soybeans: \$6.31 mil crop, 117 farms/12,725+ ac • Alfalfa: 625+ farms, \$22-\$55 million
ENVIRONMENTAL STEWARDSHIP	NNYADP tile drainage trials provide critical localized models based on NNY field conditions and data to reduce surface water runoff/nutrient (e.g., phosphorus, nitrogen) losses to surrounding environment	Tile reduces erosion & runoff loss; NNY results requested at meetings in IA, CA, and VT

**Sources document available; prices and estimates are impacted by diverse factors; for more info, contact Co-Chairs or 315.465.7578*



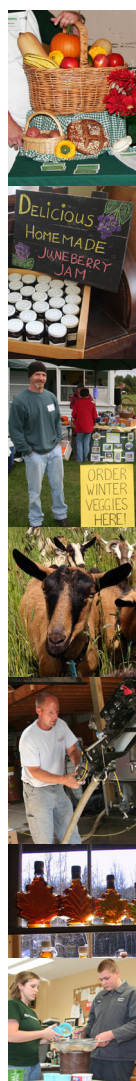
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FOOD HUB	NNYADP food hub survey of farmers, food buyers, consumers; more survey results in spring 2016	66% of NNY farmers sell 75-100% of their products in NNY
FOOD PRODUCTS INNOVATION	Exploring the Potential for Edamame Production in NNY: results coming in spring 2016. (Edamame: green soybeans served as a healthy snack food)	\$1.40/lb, \$2800-\$4,000/acre hand-harvest vs. mechanical, fresh wholesale/direct mkt, frozen food packer
FRUITS & VEG	Novel Cold-Hardy Grape Varieties for NNY • NNY Juneberry (JB) Nursery & Research Center Development (NY's first) • Also see Season Extension data in next section	Grapes: \$1413/.51/ave/acre + \$11,032 ave tax value/acre JB: \$3.75/pint, \$5.95/8oz jam
SEASON EXTENSION	Season Extension for NNY Berry, Fruit & Vegetable Growers: high tunnel harvesting into Oct/Nov: cucumbers: \$5.63-\$7.08/sf, ginger, \$16/lb, basil: \$4.52/sf, green beans \$4.32/sf, zucchini \$2.24/sf	Straw/raspberries: ave \$3.72-\$7/lb. Fruits: \$19.3+ million Veg: Specific values at left
SMALL LIVESTOCK	Birdsfoot trefoil grazing trials for parasite control in sheep and goats; will a successful practice in the Southeastern US work under NNY climate and conditions?	NNY: Sheep: \$490,000 in sales, 184 farms • NNY: Goats: \$155,000 in sales, 261 farms
SNOUT BEETLE/ NEW BUSINESS DEVELOPMENT	Nearly 30 years of dedication to finding an effective science-based solution for the destructive alfalfa snout beetle is restoring crop production in support of dairy/livestock/cash crop industries, and fostering new agribusiness services including one new enterprise	2015: 5 services/5 counties add nematode applications; 2016: Franklin County farm to open rearing lab
MAPLE/BIRCH SYRUP	Producing Birch Syrup in NNY: Niche Marketing Opportunity for NNY Sugarmakers. Northern NY is home to maple and now birch syrup research center at Uilhein Forest, Lake Placid, NY	Birch Syrup: \$20/8 oz; \$320/gallon. NNY Maple: 382 farms, 112,930 gallons, \$4.5 mil est.
YOUNG FARMERS/ AG INDUSTRY	Reaching the younger farmer effectively: results in spring 2016. At left, two 'future farmers' participate in on-farm NNYADP alfalfa snout beetle management research at Sheland Farms, Belleville, NY	NNY Principal Farm Operators Younger than 35: 294

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