



## FVI 2021 Projects

<b>Multi-Crop Projects</b>		
Marketing New York State Grains and Legumes to the New York City Marketplace	Nick Rolf, GrowNYC	\$122,445
Surveying NY Farm Cash Rental Rates and Custom Service Fees to Improve Bargaining, Budgeting, and Profitability	Katelyn Walley-Stoll, CCE Regional Team, Farm Business Management and Livestock, Cornell University	\$65,831
Persistent Biocontrol Nematodes: Developing a Farmer/Applicator Friendly Formulation	Elson Shields, Entomology, Cornell University	\$99,533
<b>Dairy, Livestock and Field Crops Projects</b>		
Economic feasibility analysis of dairy farm co-digestion of manure and food waste	Lauren Ray, Animal Science, Cornell University	\$125,000
Farmer-Driven Evaluation of the Value of Manure	Quirine Ketterings, Nutrient Management Spear Program, Cornell University	\$125,000
Relationships of feeding management during the close-up dry period and forage NDF during the fresh period with postpartum health and performance	Tom Overton, ProDairy, Animal Science, Cornell University	\$124,931
The effect of full vs partial dietary cation-anion difference (DCAD) diets on health, production, and reproductive performance in dairy cows.	Mark J. Thomas, Dairy Health & Management Services, LLC	\$124,817
Economic feasibility analysis of dairy farm co-digestion of manure and food waste	Lauren Ray, Animal Science, Cornell University	\$125,000
Understanding Corn Silage Component Forage Quality as Influenced by Planting Date and Dry Matter at Harvest to Refine Harvest Management and Optimize Production	Joe Lawrence, Animal Science, Cornell University	\$88,882
Precision Feed Management: Grass- Fed Beef Cattle	Ashley McFarland, CCE Regional Team, Livestock, Cornell University	\$109,430

<b>Apples, Grapes and Vegetable Projects</b>		
An innovative therapeutic solution based on RNA Interference for effective and durable management of fire blight in nursery stocks and mature apple trees	Awais Khan, School of Integrated Plant Sciences, Plant Pathology, Cornell University	\$123,845
Amplifying the Power of Natural UV Light to Manage Fire Blight in New York State Orchards	Mark Rea, Icahn School of Medicine, Mount Sinai	\$124,957
Addressing The Loss of Chlorpyrifos to Manage Dogwood Borer in NY Apple Orchards	Peter Jentsch, Poma Consulting Inc.	\$75,000
Mechanically Harvesting Cider Apples Will Save Growers Money and Further Increase the Quantity and Quality of New York Hard Cider	Gregory Peck, School of Integrated Plant Sciences, Horticulture Section, Cornell University	\$123,715
Juice Grape Floor Management Strategies to Reduce Pesticide use and for Nutrient and Water Conservation through Cover Cropping	Jennifer Phillips Russo, CCE Regional Team, Viticulture, Cornell University	\$89,144
Inoculating replants with arbuscular mycorrhizal fungi in New York vineyards	Justine Vanden Heuvel, School of Integrative Plant Science, Horticulture Section Cornell University	\$91,938
Protecting Onions in New York from Iris Yellow Spot Virus Through Strategic Management of its Thrips Vector	Brian Nault, Entomology Geneva, Cornell University	\$87,615
Development and On-Farm Testing of New Cabbage Market Classes	Phillip Griffiths, School of Integrative Plant Sciences, Horticulture Section Geneva, Cornell University	\$121,905