

## 2011 Snyder Research & Extension Farm Projects

### Agronomy

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Evaluation of Nyger as a Potential Value-added Crop for New Jersey

| *S. Komar*

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Yield Comparisons of Potential Bioenergy Crops for NJ

| *S. Bonos*

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Paramount Herbicide Evaluation in Switch grass

| *W. Sciarappa*

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Forage and Vegetable Crop Response to Silicon Nutrition and Soil pH

| *J. Heckman*



### Ornamentals & Turf

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Hemlock Insect Pests

| *J. Lashomb*

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### Vegetables & Herbs

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Assessing Varietal Differences in Susceptibility to Feeding Injury to Pepper by Brown Marmorated Stink Bug

| *G. Hamilton*  
| *K. Holmstrom*

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Assessing the Extent and Nature of Feeding Injury to Pepper by Brown Marmorated Stink Bug and Development of Monitoring Methods for Brown Marmorated Stink Bug in Peppers

| *G. Hamilton*  
| *K. Holmstrom*

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Investigating the Efficacy of a Kaolin-based Material as a Deterrent to Feeding by the Brown Marmorated Stinkbug (BMSB) in Bell Pepper

| *K. Holmstrom, P. Nitzsche, W. Cowgil, J. Ingerson-Mahar*



### Cuburbit Downy Mildew Sentinel Plot



| *K. Holmstrom, C.A. Wyenandt*



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#### Grape Tomato Variety Evaluation 2011

| *P. Nitzsche, J. Rabin*



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#### Organic Corn Weed Control Demonstration

| *J. Heckman*

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#### Forage and Vegetable Crop Response to Silicon Nutrition and Soil pH

| *J. Heckman*

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#### Evaluation of Hot and Specialty Peppers

| *J. Simon*

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#### Evaluation of Standard, Organic, and Biological Seed Treatments for Bicolor Sweet Corns

| *R. Samulis*

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#### New Ethnic Greens and Herbs for New Jersey

| *J. Simon*

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#### Artemisia annua: A Potential New Antibacterial, Parasitic and Insecticidal/Miticidal agent as well as the source of the Anti-malarial Artemisinin

| *J. Simon*

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#### Sweet Basils: Strategies to Overcome Chilling Tolerance and Seeking Genetic Resistance against the new Downy Mildew Disease facing New Jersey Basil Growers as well as Continued focus on Culinary and Nutraceutical Applications

| *J. Simon*

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#### Catnip as Mosquito and Insect Repellent

| *J. Simon*

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#### Fruit

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#### Plant Growth Regulator Trial on Wine Grapes for Bloom Delay

| *D. Ward*

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NE 1020 Multi-state Evaluation of Wine grape Cultivars and Clones

| *D. Ward*

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Super Slender Spindle Apple System Trial #901

| *W. Cowgill*

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Apple Plant Growth Regulator Trial #902

| *W. Cowgill*

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Apple PGR Top Growth Control Study on Mature Slender Spindle Apple Trees #903

| *W. Cowgill*

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Peach Cultivar Evaluation #904

| *W. Cowgill*

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Peach Multi-State Plant Growth Regulator Studies #914

| *W. Cowgill*

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Columnar Peach Cultivar Evaluation - Project Number #923

| *W. Cowgill*

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2006/2008 Apple Production System Trials and PGR Studies #925

| *W. Cowgill*

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2002 NC-140 Apple Rootstock Trial - #926 and NJ UMASS Rootstock Trial

| *W. Cowgill*

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2008 Grower Demonstration and Tree Pruning Laboratory with 4 Apple Cultivars Grown to the Tall Spindle System #928

| *W. Cowgill*

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Tree Fruit - Mating Disruption #929

| *W. Cowgill*

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Advanced Evaluation of Early Fuji Strains of Apple 2007 #931

| *W. Cowgill*

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#### Apple Cultivar Evaluation #933

| *W. Cowgill*

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#### Evaluation of Tart and Sweet Cherry Cultivars for Fresh Market #936

| *W. Cowgill*

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#### 2010 NC140 Apple Rootstock Trial #939

| *W. Cowgill*

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#### NE Regional Asian Pear Cultivar Evaluation

| *W. Cowgill*

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#### Strawberry Selection Release Project Trial 2010-2011

| *P. Nitzsche, W. Hlubik, R. Merritt, W. Cowgill, C.A. Wyenandt, D. Ward,  
D. Specca, G. Jelenkovic*



#### General

#### Survey of Calliphoridae in the New Jersey Region

| *L. Weidner  
G. Hamilton*

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#### Consumer Horticulture Initiative & Teaching Garden

| *N. Polanin*

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