Cornell Fruit Resources

A website indexing information from the Fruit Program Work Teams

www.fruit.cornell.edu

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Tree Fruit Production
Tree Fruit IPM
More... Tree Fruit IPM
Insects & Mites
More... Tree Fruit IPM Diseases
Tree Fruit
Post Harvest

Post Harvest & Food Safety - Tree Fruit

Order NRAES Books
- Apple Harvesting, Handling and Storage (1997, NRAES book #112)
- Refrigeration and Controlled Atmosphere Storage (1990, NRAES book #22)
- Produce Handling for Direct Marketing (1992, NRAES book #51)

Post Harvest
- Feasibility of Sanitizing Apple Field Bins (2001 NYS IPM report)
- Meeting Export Requirements through EUREGAP (2005 NYS IPM report, 97 kb pdf)
- Summary Statistics for Fruits and Berries (2008 USDA report, 82 kb pdf)
- Predicting Harvest Date Windows for Apples (1992 CCE bulletin #221, 1.3 mb pdf)
- Market Diseases of Apples, Pears, and Quinces (1971, Washington State University)
- Glyphosate Exposure Contributes to Internal Browning of Apples (2010 NYFQ v. 18-3, 394 kb pdf)
- Storage Disorders of CA-Store Empire Apples (2010 NYFQ v. 18-3, 578 kb pdf)
- Failure of Treatments against Firm Flesh Browning in Empire Apples (2010 NYFQ v. 18-3, 612 kb pdf)
- Internal Browning in Empire Apples and Harvest Date (2010 NYFQ v. 18-2, 658 kb pdf)
- Fungicides, Bactericides, and Sanitizers for Postharvest Pathogens in Apples (2009 NYFQ v. 17-3, 942 kb pdf)
- Postharvest Physiological Disorders and Mineral Nutrients (2009 NYFQ v. 17-3, 361 kb pdf)
- Shelf-life Extension in Sweet Cherries with Modified Atmosphere Packaging (2008 NYFQ v. 17-2, 491 kb pdf)
- Application of SmartFresh to Apples is More Important Than Rapid CA (2008 NYFQ v. 16-3, 160 kb pdf)
- Flesh Browning Disorder of Pink Lady' Apples (2008 NYFQ v. 16-2, 593 kb pdf)
- Dynamic Controlled Atmosphere Storage (2008 NYFQ v. 16-1, 373 mb pdf)
- Shelf-life Extension of Sweet Cherries - Field, Post-harvest, and Packaging (2007 NYFQ v. 16-2, 885 kb pdf)
- Managing External Carbon Dioxide Injury During Storage (2007 NYFQ v. 15-2, 642 kb pdf)
Food Safety webpage for all fruit commodities
Value-Added
tree fruit, grapes, berries
Marketing – all fruit crops
Business Management

General
- Getting Started in Farming? 5 Keys to Success (2002 Smart Marketing, 159 kb pdf)
- Summary Statistics for Fruits and Berries (2010 USDA, 244 kb pdf)
- NY-NASS Fruit Reports (USDA)
- National Agricultural Statistics Service (NASS): Latest releases from NY (USDA)
- ReadyAG: Disaster and Defense Preparedness for Production Agriculture
- New York Economic Handbook (2008, AEM, 2.2 mb pdf)
- Horticultural Business Information Network (Texas A&M)
- UC Davis Cost Studies for Various Fruits and Vegetables
- Do I Need Crop Insurance? Self Evaluating Crop Insurance as a Risk Management Tool in NY (2004 AEM, 526 kb pdf)
- Beginning Farmer Resource Center
- Small Farms Program
- Developing a Strategic Marketing Plan for Horticultural Firms
- Evaluating a Rural Enterprise (ATTRA)
- Building a Sustainable Business (order book SARE)
- Monitoring and Measuring Fruit Farm Businesses (2008 NYFQ v. 16-4, 92 kb pdf)

Featured resources:
- A Guide to Farming in NYS. What Every Ag Entrepreneur Needs to Know - an essential resource with answers about taxes, business planning, labor law, zoning, regulations, marketing, and more.

Northeast Center for Food Entrepreneurship: Provides comprehensive assistance to food entrepreneurs. Includes technical guide, factsheets, and more.


The Technology Farm - R&D park in Geneva, N.Y. for food, ag and bio-based collaboration with Cornell University.

Order NRAES books
- Facilities for Roadside Markets (1992, NRAES #42)
- Used Farm Equipment: Assessing Quality, Safety, and Economics (1987, NRAES #20)
- Farm Machinery Days for Small and Part-Time Farmers (1990, NRAES #45)

Energy Conservation
- Conserving Fuel on the Farm (ATTRA)
- Farm Energy Audits Availability, Usefulness, Cost (NCAT)
- Farm Energy Calculators: Evaluations and Recommendations (NCAT)
- Farm Energy Calculators: Tools for Saving Money on the Farm (ATTRA)
- Clean Energy Farming: Cutting Costs, Improving Efficiencies, Harnessing Renewables (SARE)

Tree Fruit
- Fruit Farm Business Summary, Lake Ontario Region New York 2007 (2008 AEM, 654 kb pdf)
- Fruit Farm Business Summary, Lake Ontario Region New York 2006 (2007 AEM, 671 kb pdf)
- Fruit Farm Business Summary, Lake Ontario Region New York 2006 (2006 AEM, 1,012 kb pdf)

Grapes
- Writing a Business Plan. An Example for a Small Premium Winery (2002 AEM, 349 kb pdf)
- Vineyard and Winery Feasibility Workbooks (Iowa State Univ.)
- Lake Erie Regional Grape Program - Business Management
- NY Grape and Wine Classifieds

Berries
- Should Production in High Tunnels Be Part of Your Specialty Crop Enterprise?
- Retailing Requires TQM: Total Berry Quality Management

Business, Marketing & Labor Archives
Labor Management & Worker Safety
Newsletters

From New York and Cornell University

To receive some newsletters, enroll in the Cornell Cooperative Extension Program.

- Appleullet from the Viticulture & Enology Program - E-mail sign up
- Cellar Dweller from Cornell Extension Enology
- Electronic Crop Update included with enrollment in the Lake Erie Regional Grape Program
- Finger Lakes Vineyard Notes included with enrollment in the Finger Lakes Regional Grape Program
- Fruit Fax from the Lake Ontario Fruit Program - subscription
- Fruit Notes included with enrollment in the Lake Ontario Fruit Program
- Harvest Maturity Fax from the Lake Ontario Fruit Program - subscription
- Long Island Fruit & Vegetable Update from COE Suffolk County - subscription
- New York Berry News from the Department of Horticulture
- NY Fruit Quarterly from the New York State Horticultural Society - subscription
- Northeast Tree Fruit newsletter included with enrollment in the Northeastern New York Fruit Program
- Orchard Update from the New York State Agricultural Experiment Station
- Small Farms Update from the Small Farms Program - E-mail signup
- Smart Marketing from the Agricultural Marketing and Management Program Work Team
- Southern Tier Produce News - Free monthly e-newsletter from South Central NY Ag Team
- Fruit and Vegetable program email list@cornell.edu to subscribe.
- Tree Fruit Grower Alert Messages from the Hudson Valley Regional Fruit Program - subscribe after enrollment.
- Tree Fruit Maturity Reports from the Hudson Valley Regional Fruit Program - subscribe after enrollment.
- Variation to Harvest from the Viticulture & Enology Extension Program.

Enrollment

- Finger Lakes Grape Program
  - Enrollment within Schuyler, Seneca, Steuben, Ontario & Yates counties.
  - Satellite enrollment for all other counties.

- Hudson Valley Regional Fruit Program
  - Enrollment within Columbia, Dutchess, Orange Rensselaer & Ulster counties.

- Lake Erie Regional Grape Program
  - Enrollment within Cattaraugus, Chautauqua and Niagara counties.
  - Satellite enrollment for all other counties.

- Lake Ontario Fruit Program
  - Enrollment within Oswego, Orleans, Monroe, Niagara & Wayne counties.
  - Satellite enrollment for all other counties.

- Northeastern New York Commercial Fruit Program (brochure)
  - Enrollment within Albany, Clinton, Essex, Saratoga & Washington counties.
  - Enrollment letter.
News & Events

Tree fruit news

High Wind Alert for High Tunnel Growers
[08/26/2011]
While forecasts for Hurricane Irene remain uncertain in terms of landfall, wind velocities and speeds, it pays to err on the side of caution.

Mark Hutton from University of Maine provides these insights, "A couple of things to keep in mind, the houses will do best if they are closed as tightly as possible. Wind getting inside the house amplifies the power of the storm. If you have movable frames be sure to secure the anchors, alternatively you can remove the covering or tie it to the ridge pole.

For more information on preparing your structure for the storm see Tina Smith's (UMass) article about preventing storm damage to tunnels and greenhouses.

Watch out for brown marmorated stink bugs
[3/25/2011]
Invasive pest can infest grapes, peaches, apples, pears, cherries, raspberries, and other crops.

A native of Asia, this particular stink bug was first spotted in Allentown, Pa. around 1996 and has hitchhiked into parts of

Tree fruit events

October 18-19, 2011
BHS Symposium on "High Tunnel Horticultural Crop Production"
Skate College, PA.

November 7-8, 2011
Strategic Marketing Conference: Capitalizing on Group Action & Business Alliances to Improve Marketing Returns
Hyde Park, N.Y.

December 6-8, 2011
Great Lakes Fruit, Vegetable & Farm Market EXPO
Grand Rapids, MI.

December 13-15, 2011
New England Vegetable and Fruit Conference
Manchester, NH.

January 24-26, 2012
Empire State Fruit and Vegetable Expo & Farmers' Direct Marketing Conference
Syracuse, NY.
Contact us with suggestions