Review of 2015
Hudson Valley Research Laboratory

• HVRL Inc.
  o Membership
  o Partnerships

• Research Trials
  o Cornell Horticulture, Plant Pathology & Entomology
  o ENYCH Extension

• Web based outreach
HVRL Inc. 501 ( C ) 3 not for profit

• Governed by a 11 member Board of Directors

* President - Randy Pratt
* Vice President – Thom Waz
* Treasurer – Brad Clarke

Jeff Crist
Gary Samascott
Amy Hepworth
Barth Davenport
Sarah Dressel

David Fraleigh – Open seat
Robert Rowe
Open seat
HVRL Inc. 501 ( C ) 3 not for profit

• Governed by a 11 member Board of Directors
• Yearly grower membership is a $500.00 donation
  o Operations and maintenance of the facility
• Partnership requirements between CALS & HVRL

CALS Requirements: Economic Sustainability
  o Members / other Ag supprt partners provide 3 years of operating expenses (Banked)
  o CALS supports 2 University faculty and 2 staff
HVRL Inc.

CALS Requirements: Safety of field and laboratory

- Meet all safety requirements
  - Worker safety (Woelfersheim)
    - Yearly training and respirator fit tests
  - Buildings, farm and laboratory equipment
    - Laboratory, pesticide facility, barns
  - State fire codes
    - Equipment inspections
HVRL Inc.

Partnerships:

• Local Economies Project
  o Grant $100,000/year for 3 years
  o 2016 Year 3

• Developing strategic planning for Agricultural Director

• Long term sustainability
  o Agricultural Director for HVRL – Funding opportunities
    o Crowd Source Funding
    o Traditional grant funding
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• **Web based outreach**
  o HVRL Web Site
  o ‘Jentsch Lab’ Blog Site
    o Subscription (free) – Email – 1-click ‘Link to site’
    o Insect pest management updates
    o Archived efficacy trials
  o Plant Pathology Blog Site: Dr Rosenberger
    o Subscription (free) – Email – 1-click ‘Link to site’
    o Pest management updates
    o Archived
Welcome

Ideally located in the heart of the fertile Hudson Valley growing region, the Hudson Valley Research Laboratory in Highland, New York, is a critical resource for this major production area of pome fruit and vegetable in Ulster County.

The scientists and researchers affiliated with the HVRL are dedicated to solving agricultural production problems, with an emphasis on the communication of time-sensitive information to growers.

The HVRL is an independent 501(c)3 organization. A key partnership in this research is with Cornell University's College of Agriculture and Life Sciences, a relationship that has evolved over time. Since 2013, in an effort to most effectively reach the broad needs of stakeholders in this region, the model for funding and collaboration has been growing to become a model of public-private partnerships in support of agricultural research.
Welcome to the Jentsch Lab

Our research and extension outreach program is directed by Cornell University's Department of Entomology and located at the Hudson Valley Laboratory, in Highland, NY. We are a part of the New York State Agricultural Experiment Station in Geneva, NY, with the laboratory building owned by a non-profit cooperative tree fruit grower organization (HVRL Inc.). This cooperative partnership with the College of Agriculture and Life Science (CALS) and Cornell Cooperative Extension (CCE) has provided agricultural Research and Extension on Tree Fruits and Vegetables in the Hudson Valley since 1923. Research-based information continues to be provided to New York farmers through educational programs organized by Cornell Cooperative Extension and participating associations. Horticultural plant protection programs at the Hudson Valley Lab are especially important to sustaining the viability of agriculture in the Hudson Valley and Northeast as agricultural production is ultimately the best way to preserve open space and economic stability in the rapidly developing corridor between Albany and New York City.
Background and Purpose

Although I retired in February of 2014 after 36 years as the tree fruit disease specialist at Cornell's Hudson Valley Laboratory, I am still very interested in both historical and recent developments in my profession (plant pathology) and in the commercial fruit industry in the Hudson Valley. Over the two years since I retired, I have continued to attend scientific conferences and fruit grower meetings so as to stay informed about new developments. This website serves as an archive for some of the information, observations, and photos generated during my career. The blog within this website provides a mechanism sharing seasonal observations and/or developments that may be of interest to fruit growers and fruit extension professionals.

The specific objectives for this website are to provide the following:

- An on-going BLOG of observations and seasonal events that relate to tree fruit diseases and their control in the mid-Hudson Valley based on observations from orchards at the Hudson Valley Lab in Highland, NY or from nearby commercial orchards.

NOTE: Those wishing to receive e-mail alerts when I post updates on the blog-page should subscribe to the blog by entering their e-mail address into the subscribe to blog box provided.
RIMpro, A Useful Apple Scab Model for 2016

RIMpro contains a proprietary apple scab model that is useful for (i) identifying the start of the scab season, (ii) quantifying risks associated with key infection periods between green tip and first cover, and (iii) determining the end of the primary scab season. RIMpro will provide more accurate information on apple scab infection risk than the traditional pseudothecial squash mounts that have been used for many years to assess apple scab ascospore maturity in spring. I've been working with RIMpro on a trial basis for the past two seasons, and I'm very impressed with the apple scab model. I suspect that over the next few years it will become as important for apple scab management as MaryBlyt has become from fire blight management.

More information about RIMpro is available in [this PDF file](http://www.redtomato.org/summit/).
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• Research Trials
  o Cornell Horticulture, Plant Pathology & Horticulture
  o ENYCH Extension Activities

Annual Report
Hard Copy (Available today)
Membership
HVRL / ‘Jentsch Lab’ web sites
Thank You

For the Faithful Support from the Tree Fruit Industry