

October
2016

Northeast Hops News

Northeast Hops News is brought to you each month by Steve Miller, Hops Specialist and Sarah Ficken, Hops Program Assistant, Madison County Cooperative Extension. Steve researches, writes, and finds articles that would be useful and interesting to the hops community. If you have questions regarding content or would like to contribute to this newsletter, please contact Steve Miller at sgm6@cornell.edu Sarah Ficken at sjs299@cornell.edu or Jackie Dickerson at jjd44@cornell.edu.

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Blake Crosby to speak at 2016 Hop Conference!

Blake Crosby from Crosby Hop Farm in Woodburn, Oregon, will be our guest speaker at the 2016 Hops Conference. Blake joins a list of experts from the world of hops (Kevin Riel, Dr. David Gent, Michael Roy, Dr. Shawn Townsend, Dr. Paul Mathews, Charles Matt, and Tony Weathers), as well as faculty and staff from Cornell, University of Vermont and Michigan State, who have been willing to share their knowledge of hop production, pest management and processing. This year's conference will be held at Morrisville State College on December 3rd and will include both advanced and beginner sessions, as well as a trade show.

Blake Crosby represents the fifth generation of the Crosby hop family, and was born and raised on the farm in Woodburn, Oregon. His early experience driving tractors, irrigating the fields and learning the hop trade grew into expanding the family business, whose products now fulfill craft brewers' hop needs around the world. As president of Crosby Hop Farm, Blake's experience growing up in the hop industry is invaluable. Blake is very active in the industry, serving as both a commissioner for the Oregon Hop Commission and a director for the Hop Growers of America. He is a graduate of the University of Oregon, and holds an MBA from Willamette University.

Favorite Hops

Amarillo® and Centennial

Favorite Beer

IIPA and India pale lager

Don't miss this year's conference. We do sell out every year. See page 3 for more details.



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Cornell Cooperative Extension in Madison County provides equal program and employment opportunities. CCE does not endorse or recommend any specific product or service. This newsletter is solely intended to educate consumers about their choices.

Hop Quality Analysis Project

This year we are conducting a project to document the quality of the hops being grown and processed in New York. The project is being generously sponsored by Brewery Ommegang, New York Farm Viability Institute, and Empire State Development.



At the time of this printing we have over 100 samples that have come back from Alpha Analytics for testing, alpha, beta, HSI and total oils. The hops team will be compiling the results, and I will be reporting on the findings at the Hop Conference in December (individuals will not be identified). If you have sent your hops to another lab we would still like to include your results in aggregate with the others. Please email your results to me at sgm6@cornell.edu before the end of October so that we can have as many samples as possible to draw information from.

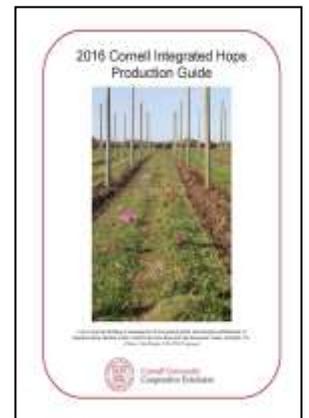
As part of this project we are organizing a hop evaluation/showcase with the Master Brewers Association of the Americas at their meeting on November 7th. The brewers seem pretty excited about the event. It will be a great opportunity for growers to get a sample of their hops in front of a large number of New York State Brewers. We expect that the brewers will be able to provide a lot of valuable feedback and that the event will help to foster a greater interest in New York State hops among brewers. Only hops that have an analysis will be eligible for this event. If you are interested please contact me by October 17th.

Steve Miller



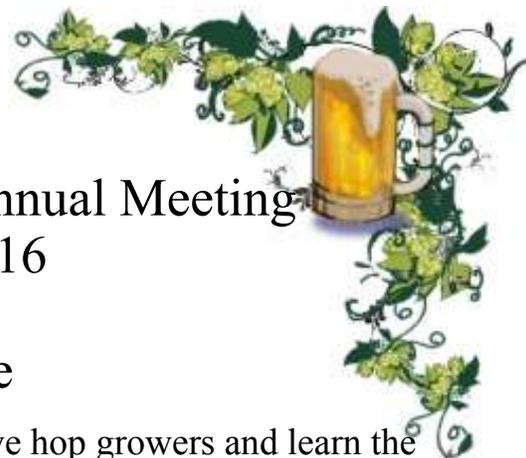
Remember: The 2016 Cornell Integrated Hops Production Guide can be obtained through your local Cornell Cooperative Extension office or from the Cornell Store at Cornell University.

To order from the Cornell Store, call (844) 688-7620 or order online at <http://store.cornell.edu/c-875-pmep-guidelines.aspx>.





Cornell University
Cooperative Extension
Madison County



Cornell Hops Conference & NeHA Annual Meeting

Saturday, December 3, 2016

8:00am-5:00pm

Morrisville State College

Network with brewers, educators, hop growers, and prospective hop growers and learn the latest research at this annual conference and trade show.

Register by November 28

https://events.cornell.edu/event/cornell_hops_conference

Speakers include (more to come)

- Blake Crosby,
Crosby Hops, Woodburn, Oregon
- Tim Weigle
Cornell Lake Erie Research and Extension Lab
- Dave Combs
*Geneva Experiment Station
Cornell Cooperative Extension*
- Dr. David Gadoury
Geneva Experiment Station
- Heather Darby
University of Vermont
- Chris Callahan
University of Vermont
- Danuta Knuth,
Pioneer Plant Lab
- Steve Miller,
Cornell Cooperative Extension
- Dr. Lily Calderwood
Cornell Cooperative Extension Capital District
- Rich Michaels
F.X. Matt's Brewery—Utica, NY
- Sheryl Ivanov
USDA—Farm Services Agency

And More!!

The full agenda will be coming out soon.

Events & Pricing	
Registration Fee NeHA Members	\$75
Registration Fee Non-Members	\$90
Friday Beer Pairing Dinner	\$50
Saturday Post Conf. Happy Hour.....	\$15
Saturday Beer Pairing Dinner.....	\$40

This event is brought to you by:

US Department of Agriculture/NYS Department of Agriculture & Markets Specialty Crop Block Grant, and NYS Farm Viability Institute Grant



For more information about the conference contact:

Steve Miller 315-684-3001x 127 or sgm6@cornell.edu
Jackie Dickerson 315-684-3001x 105 or jjd44@cornell.edu

Hotel Accommodations: There are rooms blocked at the Wendt University Inn (315-824-4400) under "Hops Conference". Rooms are limited so book early!

For additional accommodations, please check www.madisontourism.com and www.oneidacountytourism.com.

Become a NeHA Member Today!
NeHA Membership \$40 per farm.
For more information visit www.nehopalliance.org.



Cornell University
Cooperative Extension
Erie County

Hoptoberfest 2016

*Cornell Cooperative Extension of Erie County (CCE) is offering a workshop on **October 20th** for individuals who are interested in learning more about growing hops.*

East Aurora, NY. Cornell Cooperative Extension of Erie County will host the 3rd annual Hoptoberfest, a growing hops workshop. This year's workshop will be taught by regional Cornell Specialists and experienced Erie County growers and brewers. This workshop will assist individuals in learning how to grow hops commercially.

In July 2012, Governor Cuomo signed legislation to support and strengthen New York's craft breweries with the goal of increasing demand for locally grown products as well as expanding economic development and promoting tourism by showcasing exceptional food and beverage products through the Taste NY initiative. Under the new law, in order to receive a Farm Brewery License in New York State, the beer must be made primarily from locally grown farm products; 20% local by 2018, 60% local by 2023 and after 2024, 90% of the hops and other ingredients used must be grown or produced in New York.

To help with this initiative, Cornell Cooperative Extension of Erie County has continued to offer Hoptoberfest the past three years. Hoptoberfest 2016 will begin at the Roycroft Printshop (formerly CCE Erie), parking lot with participants loading a bus to travel to Koester Hops in Eden, NY. The Koester's, previous Hoptoberfest alumni, will give participants an overview and lead a discussion about their successes and challenges as hops farmers and their expanding hops acreage. Following the tour and discussion at Koester's, the group will travel to Big Ditch Brewing Company in Buffalo, NY. Matt Kahn, partner in Big Ditch Brewing Company, will describe their new brew, a NYS Pale Ale, which will be made with local ingredients grown by Erie County farmers. He will also discuss what kind of product he and other brewers look for when purchasing brew products. To complete the evening, Tim Weigle, IPM specialist for the Lake Erie Regional Grape Program, will give a presentation about hops Integrated Pest Management (IPM).

The cost to attend is \$55 per person, and if enrolled in the CCE Erie Agriculture Program the cost is \$50 per person. The cost covers bus travel and appetizers at Big Ditch Brewing. Alcohol is available for purchase only by participants at Big Ditch Brewing Company.. For more information and to register please go to: <http://erie.cce.cornell.edu/events/2016/10/20/hoptoberfest-2016>

Cornell Cooperative Extension is an employer and educator recognized for valuing AA/EEO,



Cornell University
Cooperative Extension
Broome County

Thursday, November
10th

9am—4:30pm

Cornell Researchers!

Keynotes from
Vinification and
Brewing Lab at the
NYS Agricultural
Experiment Station
& Hartwick College's
Center for Craft
Food & Beverage

Hear from brewers,
malsters &
growers.

CORNELL COOPERATIVE
EXTENSION OF BROOME
COUNTY

840 Upper Front St
Bringhamton, NY 13905
www.ccebroomecounty.com

SOUTHERN TIER FARM BREWERY SUMMIT

Are you interested in learning more about how to grow quality malting barley that brewers and malt houses are interested in purchasing? Are you a local brewer or malt house looking for additional suppliers of malting barley?

We'll hear from Cornell researchers, the Vinification & Brewing Lab at the NYS Ag Experiment Station & Hartwick College's Center for Craft Food & Beverage. CCE will report on their farm brewery supply chain analysis. The 1886 Malthouse will discuss their new contract growing partnership with local growers. And so much more!

The cost to attend this all day learning opportunity is \$30, which includes all meals (light breakfast, a locally sourced lunch prepared by a local farm brewery, and afternoon break) as well as all materials offered by presenters. The agenda, registration and secure online payment can be accessed at: https://reg.cce.cornell.edu/stfarmbrewsummit_203.

Cornell Cooperative Extension of Broome County is grateful to Farm Credit Northeast AgEnhancement for their support of this project.

From the Archives: Improvement in Jack for Pulling Hop Poles



O. S. POSTER, OF DURHAMVILLE, NEW YORK.

Letters Patent No. 72,277, dated December 17, 1867.

IMPROVEMENT IN JACK FOR PULLING HOP-POLES.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, O. S. POSTER, of Durhamville, in the county of Oneida, and in the State of New York, have invented certain new and useful Improvements in Jack for Pulling Hop-Poles; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

In the annexed drawings, making part of this specification, A represents a block, which has secured to its upper side two standards, B B. Placed between these standards is a metallic head, D, said head being provided with transverse, which have their bearings in the standards. Head D is provided at one end with a long wooden handle, C, and at the other with two claws, E E. These claws come together, as seen, so as to form a V-shaped opening between them, and the metal is bevelled away from their inner sides, so as to leave their inner upper edges sharp or edged.

In using this machine, the block is placed upon the ground near the hop-pole, and the handle C elevated. The pole is caught between the claws, and their sharp edges prevent its slipping. By bearing down upon the handle C, the pole is drawn out of the ground.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—
The metallic head D, having transverse and claws E E, all formed of one piece, and connected to L-shaped standards B B, which are secured to a block, A, and provided with a suitable handle, C, all constructed and used for the purpose specified.

In testimony that I claim the foregoing, I have hereunto set my hand, this 28d day of July, 1867.

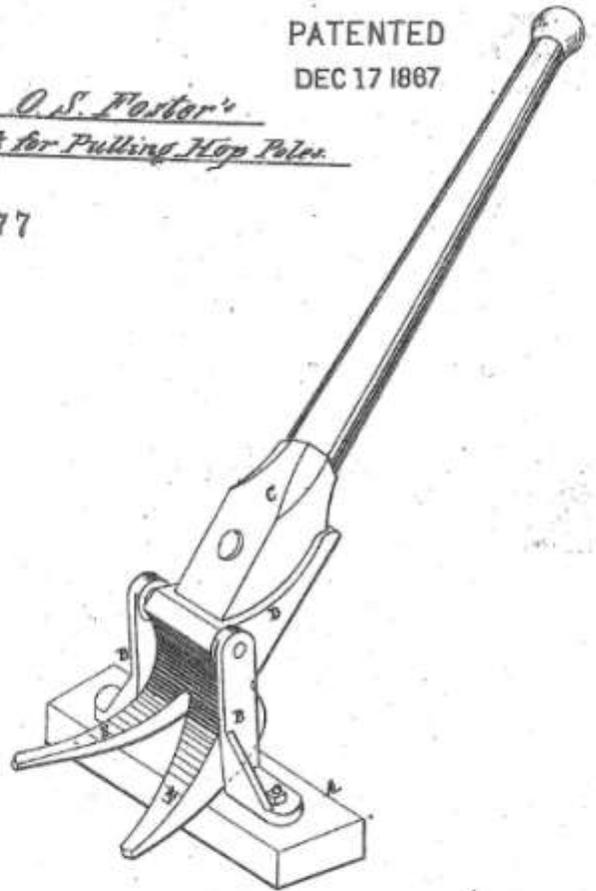
O. S. POSTER.

Witnesses:
J. E. FERRY,
O. T. POTTER.

PATENTED
DEC 17 1867

O. S. Poster's
Jack for Pulling Hop Poles.

72277



Witnesses
H. A. Chapman,
Charles R. ...

Inventor
O. S. Poster
per
Alexander H. Mason
atf

Classifieds:

Are you a grower looking to sell a piece of hops equipment? Do you provide harvesting or processing services to other growers? Are you looking for equipment or services? Is there a unique opportunity on your farm that you would like to share? If so, send in your information to Jackie (jjd44@cornell.edu) for inclusion in next month's newsletter.

For Sale

We have a complete hops testing laboratory, custom made hops dryer system and gas/vacuum bag sealer, including some ~500 barrier bags (foil laminate material for O2 and UV barrier) available due to owner's age and illness. My name is Ulf Nordin in Swampscott MA; a "behind-the-garage" hop grower and hop/beer enthusiast! System in excellent working order. If any interest please email us at ulfkdn@gmail.com or call/message at 781-589-3301.

2 Acre Hop Yard in its second year for sale in Erie County. Varieties include Cascade, Centennial, Crystal, Columbus, Zeus, and Hallentauer. Sandy Loam soils, pond for irrigation, professionally installed trellis, space for 8 additional acres. Additional land available. Contact shepherdhillhops@yahoo.com

Zerrillo's Greenhouses has the following hop plants available: 20 trays Cascade, 30 trays Cashmere, 7 trays Centennial, 8 trays Chinook, 8 trays Crystal, 15 trays Horizon. Please call the greenhouse directly and ask to speak to Nick (315) 656-8466.

For Hops or Malt—5 Rubbermaid 125 gallon tubs on wheels with false bottom inserts and hose/drain fitting. Were used only for raising bean sprouts. \$100 each (negotiable). For more information, call Tim at 315-404-9022.

We have a Wolf Harvester 220 all set up, including wiring to accept a generator in excellent condition—recently refurbished. We are looking to sell it for \$70,000. Also have 120 larch poles—peeled. Most are 22 feet, but also a few 24 foot ones. Asking \$38 per pole. Contact Tricia Lasky at 518-281-7380 or Tricia@tclasky.com.



Upcoming Events

October 20, 2016

Hoptoberfest

Roycroft Printshop (formerly CCE Erie County) traveling to Koester Hops and Big Ditch Brewing Company

Hoptoberfest will begin at the Roycroft Printshop parking lot with participants loading a bus to travel to Koester Hops in Eden, NY. Following a tour and discussion at Koester, participants will depart for Big Ditch Brewing Company for appetizers, brews and further discussions and tour.

Upcoming Events (continued)

November 4, 2016

Brewing Science and Technology, Short Course

Jordan Hall Auditorium, NY Ag Exp. Station, 630 W North St, Geneva, NY

This short course includes information about barley and malt, hop, brewing water, adjuncts, brewhouse operations, brewing yeast and brewery fermentations, maturation, finishing and beer styles. It is designed to be appropriate for people who work in commercial breweries, are home brewers or simply interest in the brewing process. Some science background is helpful. For more information, check out: <http://blogs.cornell.edu/brewing/training/workshop/>

November 10, 2016

Southern Tier Farm Brewery Summit

CCE of Broome County, 840 Upper Front Street, Binghamton, NY

Cornell Cooperative Extension of Broome County is hosting a Farm Brewery Summit on Thursday November 10th 2016 from 9am-4:30pm. Those interested in learning more about how to grow quality malting barley that brewers and malt houses are interested in purchasing will want to attend. Local brewers and malt houses looking for additional suppliers of malting barley will want to attend to network with growers across the region and state. The agenda, registration and secure online payment can be accessed at: https://reg.cce.cornell.edu/stfarmbrewsummit_203.

December 3, 2016

Hops Conference

Morrisville, NY

Join us for our Annual Conference at Morrisville State College on December 3. Registration is now open.

February 4-5, 2017

2017 Farmer Brewer Winter Weekend

Hartwick College in Oneonta, NY

The Farmer Brewer Weekend is an immersive two day symposium for established and aspiring farmers, malsters and brewers to come together to learn from industry experts, as well as each other. Program and registration info can be found at www.hartwick.edu/farmerbrewer

Registration for the 2016 Cornell Hops Conference is now open! Please register early to reserve your spot as pre-registration is required and space will fill up.

https://events.cornell.edu/event/cornell_hops_conference

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Jackie Dickerson, Hops Program Assistant—Newsletter Production and Design

Mission

The Cornell Cooperative educational system enables people to improve their lives and communities through partnerships that put experience and research knowledge to work.