

CROP ALERT

May 29, 2015

Mike Stanyard, Regional Agronomist, Cornell Cooperative Extension

Winter Wheat and Barley are Flowering

Many malting barley fields started to flower late last week a little ahead of wheat. September and early October planted wheat fields have been in flower this week and many were peak yesterday (5/27). I have confirmations that fields were being sprayed with Prosaro and Caramba the last couple of days. I also have seen some powdery mildew up on the flag leaf so this flowering fungicide application will keep that from spreading. I have received some calls asking about “what does wheat look like when it is flowering?” See pictures below to view anthers emerged from malting barley and wheat heads.



Malting Barley
Source: Mike Stanyard



Winter Wheat Heads
Source: Mike Stanyard

Check the Fusarium Risk Assessment Tool (<http://www.wheatcab.psu.edu/>) and your local weather forecast frequently as your crop approaches flowering. Our NWN region is still showing low incidence as of 5/28. Directly below us, PA has some medium and high areas of risk beginning to show up. This could change with the weather today and Saturday.

Assessing Frost Damage in Corn and Soybeans

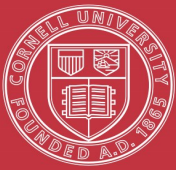
Unfortunately, some areas in the region were hit with some frost early Saturday morning. Temperatures were recorded as low as the upper 20's in some areas and frost injury was evident particularly on our earliest planted crops. Soybean plants are at a greater risk than corn because their growing point(s) are all above ground after emergence. Corn's growing point stays below ground until the V5-V6 growth stage and so it can stay protected even though all above ground tissue turns brown.

Give it a couple of days to see if plants are going to recover or not. It doesn't seem possible but corn will start to send out a new leaf and soybeans will send out a trifoliate if an axillary bud is still alive. Plant population counts will then have to be assessed to see if a replant is warranted. See article from Purdue to learn more about low temperatures and frost injury, http://www.agry.purdue.edu/ext/corn/news/articles.02/frost_freeze-0520.html.

More Black Cutworms Found

Black Cutworms (BCW) are being found while scouting across the region. During our Corn TAG Team in Livingston County yesterday we were able to find a couple that had been feeding on V4 stage corn. Plants were wilted as the worms fed on the plants at the soil line and were burrowing up into the plant (see picture). The culprits were easily found buried in the soil nearby. WNY Crop Management Association is developing pest maps based on their consultants findings and are actively recording a number of pests across our region, including BCW. They had 29 incidences of BCW as of yesterday. These fields were primarily west and south of Batavia. Looks like now is a very crucial stage to be out there scouting!





Cornell University Cooperative Extension Northwest New York Dairy Livestock & Field Crops Team

CROP ALERT

May 29, 2015

Cornell Small Grains Management Field Day

At Musgrave Research Farm,

being held from 9:30 am to noon on Thursday, June 4th.

See agenda below



SMALL GRAINS MANAGEMENT FIELD DAY

June 4, 2015
9:30am-Noon

**Northeast Certified Crop
Advisor Continuing
Education Credits**
Crop Management 1.0
Integ. Pest Management 0.5

Agenda
2015 crop development overview - Bill Cox
Weed, disease, and insect management updates - Russ Hahn,
Gary Bergstrom, and CCE Educators
Small grain varieties and seed availability - Mark Sorrells
Organic grains research - Bill Cox, David Benscher, and Gary
Bergstrom
Malting barley initiative - researchers, growers, and others
Aerial imaging applied to small grains - Bill Verbeten
Updates from all sectors of the small grains industry -
attendees

Please let us know if you plan to attend or if you need more information:
Jenn Thomas-Murphy jnt3@cornell.edu, Gary Bergstrom gcb3@cornell.edu

**ALL WELCOME,
NO FEE!**

ROBERT MUSGRAVE RESEARCH FARM, CORNELL UNIVERSITY
1256 Poplar Ridge Road, Aurora, New York

WORKSHOP CANCELLED

QUALITY FORAGE PRODUCTION - DAIRY SKILLS TRAINING

Topics of discussion include:

Maximize forage yields:
fertility, planting
management, early pest
control, records, and harvest.



Maximize forage quality: seed
selection, soil fertility, harvest and
storage management.

Minimize forage pests: insects, diseases,
& weeds. **Qualifies for 2 DEC Credits! **

Forage storage, nutrition, and trends in
feeding for making the most milk.

On-farm scouting techniques, forage
and soil sampling, reading and
interpreting results.

Cost: **\$150.00**/enrolled,
\$170.00/not enrolled.

*Includes lunch on field day and
Forage Management pocket guide.

Locations:

CCE-Wyoming
401 N. Main St
Warsaw, NY

CCE-Orleans
12690 St. Rte 31
Albion, NY

CCE-Ontario
480 N. Main St.
Canandaigua, NY

In-Classroom:
**June 2, 9,
16, & 23rd**
6:30 pm - 9 pm

Field Day:
June 30th
10 am - 3 pm

Space is limited,
register early.



Cornell University
Cooperative Extension
Wyoming County and
NWNY Dairy, Livestock & Field Crops Team

To register, visit:
wyoming.cce.cornell.edu/dairy-institute
or **Call Eva McKendry**
at **585-786-2251** today!