

Cornell Cooperative Extension

Northwest NY Dairy, Livestock and Field Crops Program

A partnership between Cornell University and the Cornell Cooperative Extension Associations in these ten counties:
Genesee, Livingston, Monroe, Niagara, Ontario, Orleans, Seneca, Wayne, Wyoming & Yates

CROP ALERT

Friday, May 3, 2019

Mike Stanyard & Jodi Putman, Regional Agronomists, Cornell Cooperative Extension, NWNY Team page 1

Alfalfa

Locations around the region are listed where we have measured alfalfa height (see spreadsheet). You can use the location and elevation as a guide to conditions that may be similar to your farm.

The 2019 hay crop season is shaping up to be similar to our 2018 harvest schedule. An alfalfa height of 9 inches or less is too low to be used by the equation we have which is why you see "Too Early." On May 2, 2018 the alfalfa averaged 7 inches tall and as of today, May 2, 2019, alfalfa is averaging 7 inches tall.

The table below indicates no grasses are ready to be cut today. The continued temperature fluctuations along with rain will influence how much growth we get in another week so stay tuned! Soil temperatures are ranging between 38 and 46 degrees in places.

It is important that you get first cutting off in a timely manner for quality purposes, so please communicate in advance with your team on how you are going to plant corn and successfully harvest 1st cutting. Additional fields to be added to next report.

Next report will be May 10.

County	Town	Road Name	Elevation	Alfalfa Height Inches	Predicted Grass % NDF	Predicted 50/50 Mix % NDF	Predicted Alfalfa % NDF	Predicted Date to Cut Grass	Predicted Date to Cut Mix	Predicted Date to Cut Alfalfa
Monroe	Scottsville	Wheatland Center RD	620	7	Too Early	Too Early	Too Early	Too Early	Too Early	Too Early
Wyoming	Castile	Glen Iris RD	1340	7	Too Early	Too Early	Too Early	Too Early	Too Early	Too Early
Livingston	Geneseo	Groveland RD	850	7	Too Early	Too Early	Too Early	Too Early	Too Early	Too Early
Livingston	Geneseo	Chandler RD	870	7	Too Early	Too Early	Too Early	Too Early	Too Early	Too Early
Ontario	Hopewell	Spangle Rd	860	7	Too Early	Too Early	Too Early	Too Early	Too Early	Too Early
Ontario	Hopewell	Spangle Rd	740	7	Too Early	Too Early	Too Early	Too Early	Too Early	Too Early
Seneca	Waterloo	Yellow Tavern Rd	590	8	Too Early	Too Early	Too Early	Too Early	Too Early	Too Early

Wheat Growth Stages and Nitrogen Timing

Our wheat is still in the tillering stages but some of the earliest planted fields could just get into Feekes Stage (FS) 6 (jointing) next week. FS 6 means that the plant is no longer concerned about putting on new tillers and is focused on stem elongation and grain development. This stage can be determined by checking the lower part of the main stem. If you can feel a small bump (first node) in the lower stem, then you are at FS 6. A good picture review of all the Feekes growth stages can be found here, <https://www.extension.purdue.edu/extmedia/ID/ID-422.pdf>. This is also an important time to apply your nitrogen. Whether it is the second round of your split-applied program or your first shot on a field with plenty of tillers, now is the time to get the nitrogen applied.

Herbicides and Wheat

Plants are also more susceptible to herbicide injury after FS 6. It is crucial to understand what stage your wheat is in to avoid unnecessary yield losses and off label applications.

Helping you put knowledge to work

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Osprey® can be applied up until Feekes Stage 6 (jointing) so for most fields this is not an option anymore for roughstalk bluegrass or cheat control.

Applications of **2,4-D**, **Banvel®**, **Clarity®**, **MCPA** can be risky after Feekes Stage 6 and is not recommended. Some labels allow up until Feeke's Stage 9 (Boot Stage) but the risk gradually increases from GS 6 to 9.

Harmony® Extra must be applied before the flag leaf is visible and is the best product for chickweed control.

Huskie® is newly labeled (24 c) for maretail control in wheat up until flag leaf emergence.

Axial® XL is labeled for the control of grasses in wheat and barley. Axial can be applied to wheat and barley from the 2-leaf stage to pre-boot stage. It is labeled for Foxtail (giant, green and yellow), volunteer and wild oats, annual ryegrass, barnyardgrass and canarygrass. For optimal control, it is recommended to apply when grasses have between 1 and 5 leaves on the main stem or prior to emergence of the 3rd tiller. **THIS PRODUCT IS NOT LABELED FOR OATS!!!**

Spring Migrants: Black Cutworm and Common Armyworm

Jodi and I have put out four pheromone traps for black cutworm (BCW) and four for common armyworm (CAW) across the region. Traps were placed in three of these locations on April 23 and checked this week (see chart below). Remember, both of these pests do not overwinter in NY so monitoring for their presence is crucial to know when, where and how many arrive. There was a good BCW flight caught in Seneca Falls and no CAW caught in any traps.

WNY Crop Management Association has some BCW and CAW traps up in Niagara and Genesee County that have been catching both moths for the past three weeks! Forty-eight BCW moths were caught in Oakfield (Genesee County) two weeks ago. Egg hatch and larval growth depend on heat or degree-day accumulations (max temp – min temp/2 – 50). From egg laying to hatching takes approximately 90 degree days. From egg laying to potential plant cutting is about 300 degree days. So far, in Oakfield we have only accumulated 40 degree-days, base 50, since that flight arrived. With warmer weather next week the degree days will build up quickly. The top NW corner of the region may be a hot spot for these pests this year!



BCW injury in corn

	BCW Ontario	BCW Seneca Falls	BCW Castile	BCW Caledonia	CAW Ontario	CAW Seneca Falls	CAW Castile	CAW Caledonia
April 29	Wayne 1	Seneca 12	Wyoming 0	Livingston NA	Wayne 0	Seneca 0	Wyoming 0	Livingston NA

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