Cornell Cooperative Extension | Northwest NY Dairy, Livestock and Field Crops Program

A partnership between Cornell University and CCE Associations in these nine counties: Genesee, Livingston, Monroe, Niagara, Ontario, Orleans, Seneca, Wayne and Wyoming.

** CROP ALERT ** June 26, 2020

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

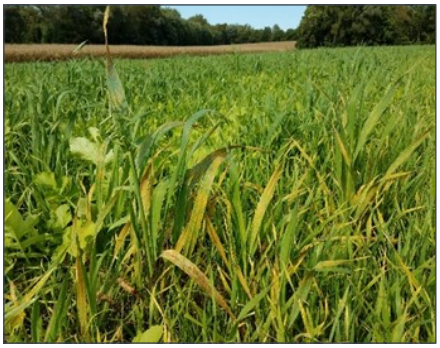
Late Armyworm Insecticides in Wheat

We are still getting some calls about armyworms in wheat. You have to be really careful about Pre-Harvest Intervals (PHI) on insecticides now that harvest is right around the corner. Most of our insecticides have a 30 day PHI. Here are a couple of products that have shorter PHI's that could still be used.

Product name	Active Ingredient	PHI
Malathion 5	Malathion	7 days
Annihilate, MI, Nudrin (LV, SP)	Methomyl	7 days
Mustang, Mustang Maxx	Zeta cypermethrin	14 days

Crown Rust in Oats

We have had our first confirmation of crown rust in oats in Livingston County. The telltale orange spores will be very evident on your pants and shoes if it is in your oat field. Unfortunately, there is nothing we can spray to stop crown rust and keep it from spreading once it begins to form pustules. Resistant varieties are our best bet for preventing infection. Cornell has been promoting Hayden as it has shown the highest resistance in the Cornell variety trials. If you find crown rust, please contact us so we can keep track of which varieties were most effected.



Crown Rust in oats.
Photo: M. Stanyard / CCE NWNY Team

Winter Wheat Update

We have been getting plenty of pictures of wheat that is turning faster than it should. Some of this early maturing is due to the hot and dry weather. Malting barley fields are being harvested this week with some moistures as low as 15.5%. That means some wheat is only 7-10 days from harvest. In other fields Septoria Leaf Blotch has taken over due to increased plant stress. The high winds with some of the storms this week have also left wheat tied in knots and flat on the ground. You should check for fungal foot and root rots in these fields. The most common one we see is eyespot. If you peel back the lower leaf sheaths, you will see a brown diamond shaped lesion at the base of the stem. This weakens the stem integrity, leading to increased lodging potential. As the heads start to mature, the presence of Fusarium Head Scab becomes more noticeable. Look for the whitened kernels usually near the top of the head. I know many growers are using fungicides at flowering so let's hope for a low vomitoxin year.

Bleached kernels due to Fusarium Head Scab infection.
Photo: M. Stanyard / CCE NWNY Team

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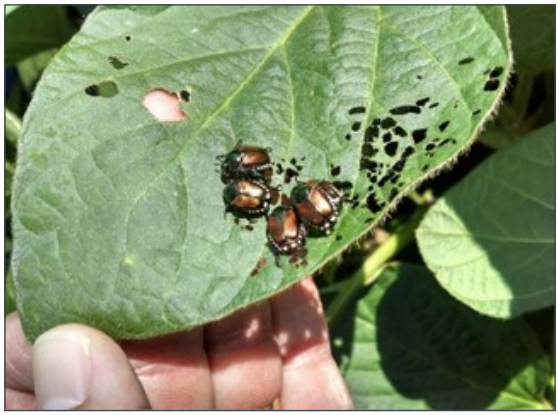
Japanese Beetles Emerging

I am seeing the first Japanese beetles emerging in my yard this week. This means you will start seeing them feeding in soybeans and even corn. Populations have been high the last couple of years so we will have to wait and see what this year brings.



Japanese Beetles feeding on soybeans
Photo: M. Stanyard / CCE NWNY Team

U.S. Drought Monitor

This week some of the counties in the Finger Lakes were classified as D0 or Abnormally Dry (see map). The sporadic rain showers this week have really helped as crops have quickly turned around in those areas that got the rain. Some areas did not get enough! Let's hope we get some more this weekend.