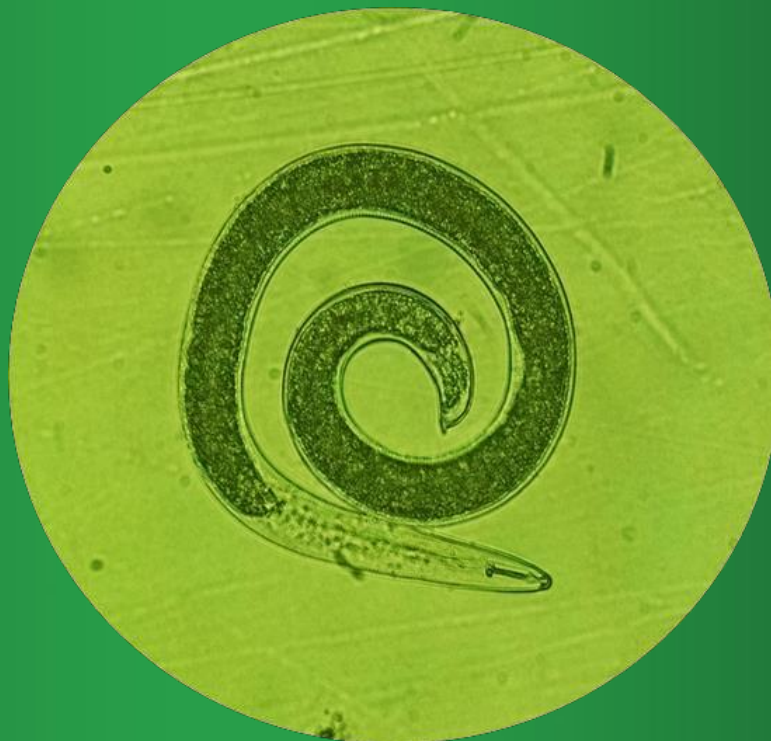


On The Radar



July 17th, 2020

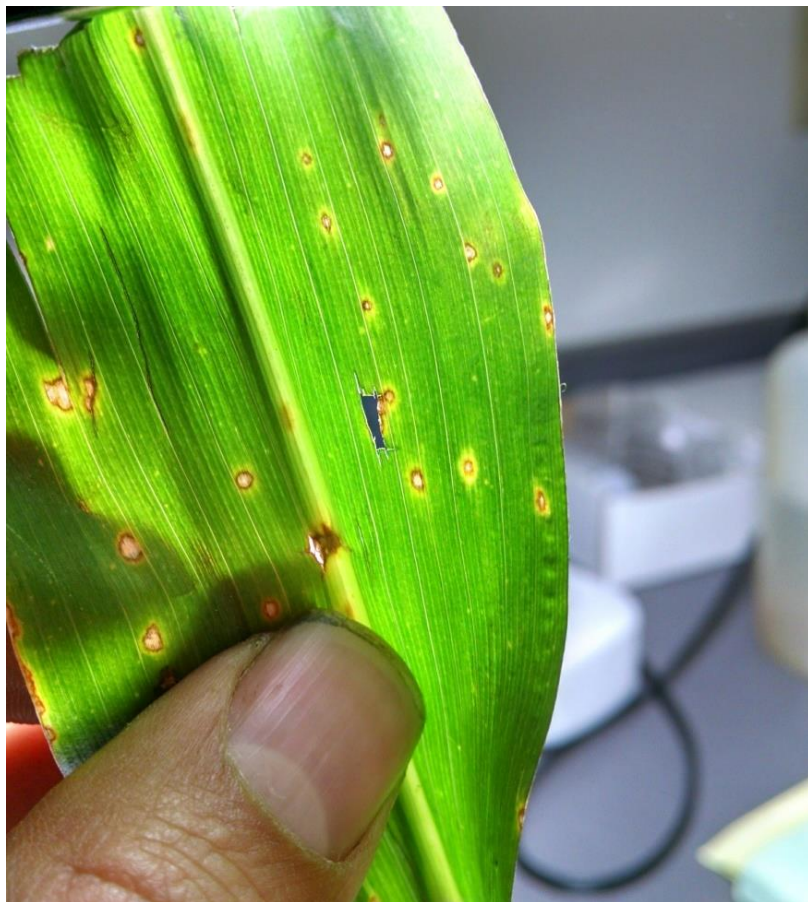
Status by Crop

- Corn: R1 (silk stage)
- Soybeans: R3 stage
- Potato
 - Early planted: 3-8 oz tubers
 - Later planted: 100% canopy, tuber bulking
- Cabbage:
 - Transplants at basketball sized heads
 - Direct seed at 10" sized heads
- Carrots
 - Furthest at full canopy; taproot bulking

Blacklight Trap

- Grand Marsh, WI
 - Peak in Western bean cutworm moths caught in our trap early this week
- Hancock, WI
 - Began catching low levels of Western bean cutworm moths
 - A celery looper moth was observed in our trap
 - Larva will feed on a variety of our vegetable crops (cabbage, beets, carrot, etc.)
 - Not a commonly observed pest for this area

Corn – Eyespot



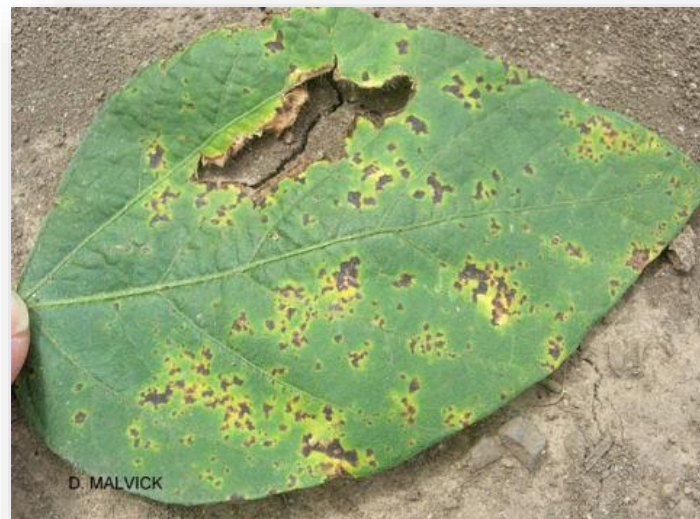
Note that the yellow halo becomes very distinct when held up to a light-source.

Soybeans – Bacterial Leaf Blight

The Cool, wet weather that we've experience surrounding this week's rainstorms has been favorable for bacterial leaf blight on soybeans.

Symptoms are similar to Septoria leaf blight, but can be distinguished by the yellow halos around the small dark brown lesions.

Septoria leaf blight on the other hand likes warmer wet conditions and will have larger zones of yellowing tissue around the lesions as the infection progresses.



PC: UMN Extension – D. Malvick

<https://extension.umn.edu/pest-management/bacterial-blight-soybean>
<https://extension.umn.edu/pest-management/septoria-brown-spot>



Potatoes - White Mold

We are just starting to see white mold show up in some potato fields.



Though there are exceptions and unusual cases, chip potato varieties tend to be far more susceptible to white mold than Russets or short-season varieties.

Potatoes – Colorado Potato Beetles

2nd generation Colorado potato beetles are starting to emerge in the Central Sands.

Small larva seen this week are the tail end result of the later egg laying from the 1st generation adults.



Carrots – Aster Yellows

First observations of aster yellows in carrots were made this week. Aster Yellows is caused by a Phytoplasma – which is vectored by Aster Leafhoppers.

Leaf edge discoloration will be seen in random patches throughout the field and can vary in color (yellowing, purpling, and reddening).



**Symptomatic
carrot foliage**



Aster leafhopper adults