

# On The Radar



June 3rd, 2022

# Status by Crop

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Corn: V1-V5

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Soybeans: unifoliate-V1

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Potato: 2– 8" tall; earliest planted hooking

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Cabbage: 3 true leaves (seed planted); 8 true leaves (transplants)

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Carrots: just planted – 2<sup>nd</sup> true leaf

# Blacklight Traps

## Hancock, WI:

1 Spotted cutworm (4 day interval)

## Grand Marsh, WI:

3 Armyworm (4 day interval)

2 Armyworm, 2 Spotted cutworm, 2 celery loopers (2 day interval)

Still very low quantities found

# Alfalfa

As more alfalfa is cut across the countryside, might see an influx of potato leafhoppers in the neighboring potato fields, but the alfalfa pest we've been seeing in greater quantities are pea aphids.



# Alfalfa Nutrient Applications

- First cutting is now!
- Tissue testing before cutting & application of nutrients post-cutting will ensure a successful crop.
- General Rx:
  - 100-200 lbs/ac 0-0-60
  - 50-75 lbs/ac Gypsum/CalSul
  - 5-10 lbs/ac 15% Boron



# Corn – Stalk Borer



Feeding resembles that of cutworm with the small hole feeding across the leaves, but further investigation towards the whorl of the plant normally reveals the stalk borer larva.

# Corn

**Mystery of the week:**  
seeing some corn with a  
purple midrib coloring.  
This doesn't fit normal  
symptomology of any  
nutrient deficiency.

May be a varietal  
characteristic or fluke  
occurrence due to  
weather conditions.



# Potatoes – Crop Development

Early planted potatoes stolons are starting to hook. This is a crucial time for watering for tuber quality/development.

Diseases like common scab can be exacerbated in a field that is a little too dry during tuber initiation/hooks.



# Potatoes – Weed Control

Lambsquarter is typically the tough weed to control due to its early emergence in the season, how quickly it grows, and its reluctance to die with herbicide applications.

To the right is an image of a large lambsquarter plant in a potato field after a Matrix application – the lambsquarter will flop over, look sickly, and lower leaves may have a burnt/crisped appearance but will sometimes make a comeback.

Once lambsquarter is getting closer to 3"+ we look at adding Eptam to the Matrix herbicide application to get higher efficacy.



# Potatoes – CO Potato Beetles

Adult feeding can be typically found it more consistently along field edges as they start making their way in from the tree lines. Some adult mortality seen from systemic insecticide seed treatments.

Starting to see egg masses and will be doing extensive counts on them to start timing our first insecticide sprays.



# Carrots

Cover has been killed on most of the fields this week. Waiting for the carrots to get to 3 true leaves to start the Caporal herbicide sprays.

On grounds suitable for Lorox, we've already started recommending herbicide sprays to hopefully keep the weeds at bay!



# Cabbage

On the look-out for imported cabbage worms, which are generally rare to find in our area, but can be very detrimental to the cabbage crop.

They are fuzzy in appearance, a bit larger in size compared to the diamondback larva but smaller than cabbage loopers and have a faint yellow line running down the center of their back.

