ALLIED COOPERATIVE

PESTPROS CROP CONSULTANTS

On The Radar

August 7th, 2020

Status by Crop

- Corn: R3 (milking)
- Soybeans: R3.5 stage (mid-pod development)
- Potato
  - Early planted: vine-killing has begun
  - Later planted: 4-10 oz tubers
- Cabbage:
  - Transplants: harvest beginning
  - Direct seed at 10-12" sized heads
- Carrots
  - taproot bulking 5-10” long with 1-1/2”

Blacklight Trap

- Grand Marsh, WI
  - Low incidence of Western bean cutworm & European corn borer moths caught
- Hancock, WI
  - Low incidence of Western bean cutworm & European corn borer moths caught

Corn – Physiological Defects

Odd incidence of ears out growing the husks, which is believed to be caused by stress at pollination followed by ideal growing conditions when the ears are maturing.

Corn – Tar Spot

Tar spot has been observed in Columbia and Grant county already this year and is a relatively new disease for WI.

Favorable Conditions: 60-70 degrees Fahrenheit with high humidity (75%)

Distinguishing traits: pin head sized black lesions that become raised & can have a tan halo around them

If symptoms are observed in your fields, consider sending into UW-Madison for diagnosis.

Soybeans – Bean Leaf Beetle

Bean leaf beetle defoliation

Bean leaf beetle

Soybeans – White Mold

The formation of a mushroom is one stage of white mold's life cycle.

These mushrooms develop from the sclerotia ("rat turds" – Dr. Damon Smith of UW-Madison) that on remaining plant residue.

Above: white mold mushrooms that contain the spores, which infect the canopy, flowers, & pods, forming the iconic white fuzzy (mycelial) growth.

Left: fungi not a pest on crops, but found in fields

birds nest fungi that hasn't ruptured yet.

Birds nest fungi in its most distinguishing form.

Potatoes - Scab

Common scab & deep pitted scab are both caused by *Streptomyces scabies,* a soil borne pathogen.

Tuber infection occurs at lenticels normally around tuber initiation –tuber symptoms are due to a toxin produced by *S. scabies.*

Dry soil conditions are favorable to scab as well as soil pH of 5.2-8.0

Keeping your soil pH less than 5.2 & making sure that soil moisture is at least 65-70%

Cabbage – Imported Cabbage Worms

Not usually observed in our region of WI but have been seen this year in Central WI cabbage fields.

They are a serious pest of cabbage due to their extensive feeding they will do on the wrapper leaves & heads of cabbage.