

# On The Radar



August 27, 2021

# Status by Crop

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Corn: R3 (milk) – R5 (dent)

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Soybeans: R5.5 (mid-pod fill) - R6 (full see)

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Potato: Late Tuber bulking – vine kill

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Cabbage: 12"+ diameter for seed direct and transplants – harvest beginning

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Carrots: 100% canopy – larger carrots at 1.5-2" diameter & 8" in length

# 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

Many fields only have a couple of weeks remaining until vine-kill or are anticipated to be vine-killed in the couple weeks.

As fields are vine-killed, doing digs throughout the field to assess tuber skin set & tuber rot from wet spots can help develop a harvest strategy for fields.



# Carrots

*Cercospora* & *Alternaria* are starting to ramp up in fields – bottom left are *Cercospora* lesions and to the right are progressed *Alternaria* lesions.





# Carrots

On the look-out for bacterial soft rot & white mold as harvest approaches to help determine whether a field may need to be harvested sooner than the rest.



Bacterial infection



White mold infection  
on leaf stems



White mold infection on leaves

White mold affects the integrity of the carrot tops, making them difficult to harvest/ un-harvestable.

# Soil Sampling Soil Fertility Tests

With harvest beginning, so is soil sampling!





# Happy

# Harvest!

