



BADGER MEMO

August 2022

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Inspector Contacts

Cole- 715-350-1691
 Diana- 715-610-2640
 Jim- 715-610-3641
 Kevin- 715-610-3644

With second inspection approaching a reminder that growers need to call inspectors BEFORE killing. Also, contact your inspector with increased spraying or aerial application in August. Reminder on bin inspection before digging.

Lab Updates

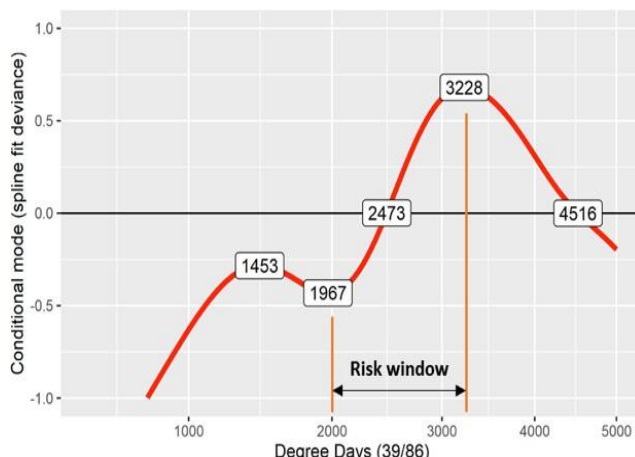
The Wisconsin Seed Potato Certification Diagnostic Laboratory recently became an bacterial ring rot (BRR) accredited lab. This accreditation allows the lab to perform BRR testing on seed potato lots being shipped within the US or exported out of the country per phytosanitary requirements.

The laboratory can also test for *Dickeya* sp. and *D. Dianthicola* on tuber samples submitted for BRR testing. Please reach out to WSPCP staff or explore our website for additional information about the diagnostic services our program offers.

<https://seedpotato.russell.wisc.edu/>

Aphid PVY Transmission Risk Window

A presentation given at the WSPIA Annual Meeting by Dr. Russ Groves described a model depicting aphid flights for species likely to spread PVY in Wisconsin potatoes. The PVY risk index is a model built from suction trap data that highlights a time frame (Risk Window) during the growing season where aphid pressure is highest. Based on many years (2005-2018) the model fit of risk is based on degree days. Cole Lubinski plugged the growing degree criteria into a Wisconsin climactic website to show the risk windows over the last three years based on the closest weather stations. This risk window starts at 1967 GDUs and goes until 3228 GDUs. If you remember 2018 was a warmer than average spring and summer with an above average degree day accumulation.



Twice weekly oil sprays and potentially using feed blockers or aphicides should be targeted within this window. Notice the risk for most locations extends well into September.

	Antigo	Eagle River	Post Lake	Mountain	Rhineland
2018	7/19-9/4	7/21-9/11	7/12-8/26	7/16-8/28	7/14-8/26
2019	7/29-9/24	8/3-10/7	7/29-9/25	7/26-9/17	7/22-9/16
2020	7/25-9/21	7/28-10/5	N/A	7/22-9/5	7/25-9/19
2021	7/23-9/9	7/26-9/17	N/A	7/19-8/30	7/23-9/7