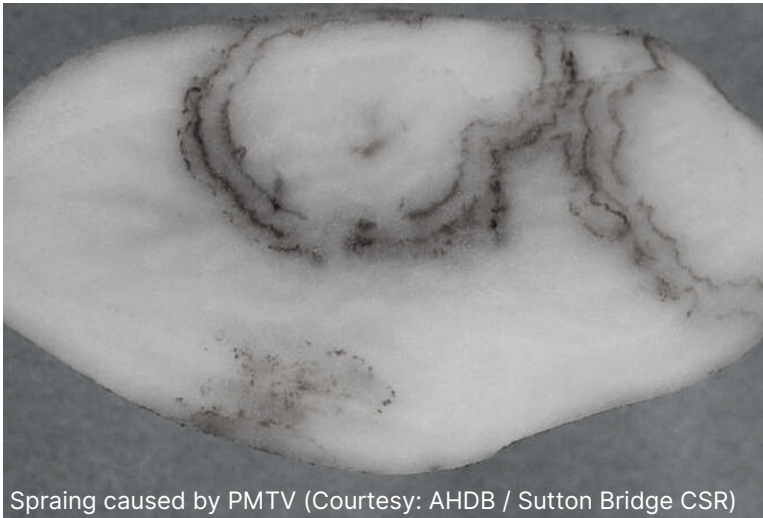




2021-22 POTATO MOP TOP VIRUS AND POWDERY SCAB SURVEY

The Wisconsin Department of Agriculture, Trade and Consumer Protection (DATCP) is looking for growers to participate in a potato mop top virus (PMTV) and powdery scab survey.

In 2020, PMTV was detected, for the first time, in a Wisconsin grown potato tuber, by University of Wisconsin-Madison plant pathologists. The last time DATCP did a survey of the state for PMTV and its vector *Spongospora subterranea* f. sp. *subterranea* (powdery scab) was in 2009 and 2010. A 2021/2022 survey of the state for these two pathogens will update our knowledge of the distribution of these two pathogens, understand the scope of disease presence, and locate risk areas in Wisconsin.



Spraing caused by PMTV (Courtesy: AHDB / Sutton Bridge CSR)



Potato infected with powdery scab

SURVEY OUTLINE

- The survey will cover two growing seasons – 2021 and 2022.
- DATCP's goal is to test 200 fields both years of the survey.
- From December 2021-January 2022, DATCP staff will collect stored tubers for testing.
- In fall 2022, DATCP staff will collect soil samples from harvested fields for testing. The tubers and soil will be tested using PCR for the presence of potato mop top virus and powdery scab.

GROWER SUPPORT NEEDED

Growers may choose to participate in both years or only one year of the survey. They may also choose to submit more than one field for testing.

In 2021, growers will need to store 10 tubers from each field until pick up in December 2021/January 2022. Collection bags and tags will be provided for growers. If growers prefer, DATCP staff can collect tubers from bins during pickup. Growers will need to provide lot and field information for all samples.

In 2022, growers will need to provide GPS coordinates of fields they would like to have sampled and access to those fields. DATCP staff will sample fields after the 2022 harvest.

SURVEY REPORTING

Growers will have access to updated maps showing where PMTV and powdery scab occur in the state and final reports each year of the survey. Field location information will be kept anonymous and only reported at the county level. In addition, participating growers will receive individual results for their tested fields immediately after testing.

CONTACT

If you would like to participate please contact:

Sam Fieweger

Phone: 608-224-4601

Email: sam.fieweger@wisconsin.gov