

Wisconsin Pest Survey Report

2015 Crop Export Certification

In 2015 the Pest Survey team provided field inspections to 14 Wisconsin seed producers to meet phytosanitary certification requirements of importing countries. Sixty-four field crop, vegetable and soil samples were tested for a variety of bacterial, fungal, viral diseases and nematodes at Plant Industry Laboratory tested 69 crop, vegetable and soil samples.

Corn: Goss's wilt was detected in four Wisconsin counties (Adams, Dane, Eau Claire and Rock) during inspections in August. This bacterial disease caused by *Clavibacter michiganensis nebraskensis* was confirmed in 15 of 39 (38.5%) samples compared to (8.6%) in 2014. Stewart's wilt (*Pantoea stewartii*) was not detected. Northern corn leaf blight (*Exserohilum turcicum*) and common rust (*Puccinia sorghi*) were the most commonly found diseases. Southern rust (*P. polysora*) was not observed.

Virus screening of corn showed three fields testing positive for SCMV/MDMV in Dane county. Maize chlorotic mottle virus (MCMV) and high plains virus (HPV) tests were all negative.

Tar spot of corn (*Phyllachora maydis*), a new disease reported in Indiana and Iowa, in early September, was not observed in Wisconsin in 2015 according to DATCP and University surveys and inspections.

Soybean: Thirteen seed fields in five counties (Columbia, Fond du Lac, Outagamie, Rock and Waupaca) were tested and passed export guidelines for up to ten different diseases. Depending on the importing countries regulations, certification may be required for anthracnose stem blight, bacterial tan spot, Cercospora blight, bean pod mottle virus (BPMV), tobacco ringspot virus (TRSV), and tomato ringspot virus (ToRSV). Since Canada de-regulated soybean cyst nematode (SCN) in 2013. Wisconsin exporters are no longer required to have soil samples tested for exports to Canada. Other countries continue to require SCN certification and PIB lab will continue to provide this service.

Vegetables: Twelve samples collected from a variety of vegetable crops were tested to meet phytosanitary requirements: snap beans (6), onion (1), and tomato (5).

Export requirements are subject to frequent changes imposed by the importing countries. For more information about requesting field inspections and Phytosanitary Certificates, please contact Greg Helmbrecht at (608) 224-4596

https://datcp.wi.gov/Pages/Programs_Services/ShippingPlantMaterial.aspx

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