

Wisconsin Pest Survey Report

2016 Crop Export Certification

In 2016 the Pest Survey team provided field inspections to 18 Wisconsin seed producers to meet phytosanitary certification requirements of importing countries. Plant Industry Laboratory tested 128 field crop, vegetable and soil samples for a variety of bacterial, fungal, viral diseases and nematodes.

Corn: Goss's wilt was detected in six Wisconsin counties (Dane, Fond du Lac, Eau Claire, Grant, Pierce and Walworth) during seed corn field inspections in August. This bacterial disease caused by *Clavibacter michiganensis nebraskensis* was confirmed in 11 of 78 (14.1%) samples compared to 15 of 39 (38.5%) in 2015. Stewart's wilt (*Pantoea stewartii*) was not detected in 2016. It has not been documented in Wisconsin since 2010.

Virus screening of corn continues to show no evidence of high plains virus (HPV), wheat streak mosaic virus (WSMV) or Maize chlorotic mottle virus (MCMV) in Wisconsin. Three test plots in Dane county tested positive for sugarcane mosaic virus (SCMV), formerly called maize dwarf virus (MDMV).

Soybean: Fifteen seed fields in six counties (Columbia, Fond du Lac, Lafayette, Outagamie, Rock and Waupaca) were tested 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), bean southern mosaic virus (BSMV), tobacco ringspot virus (TRSV), and tomato ringspot virus (ToRSV).

Although Canada no longer requires to have soil tested for soybean cyst nematode, other countries continue to require this certification and PIB lab will continue to provide this service.

Vegetables: 34 samples collected from a variety of vegetable crops were tested to meet phytosanitary requirements: cucumber (7), onion (1), snap bean (6), and tomato (27).

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 or visit our website https://datcp.wi.gov/Pages/Programs_Services/ShippingPlantMaterial.aspx.