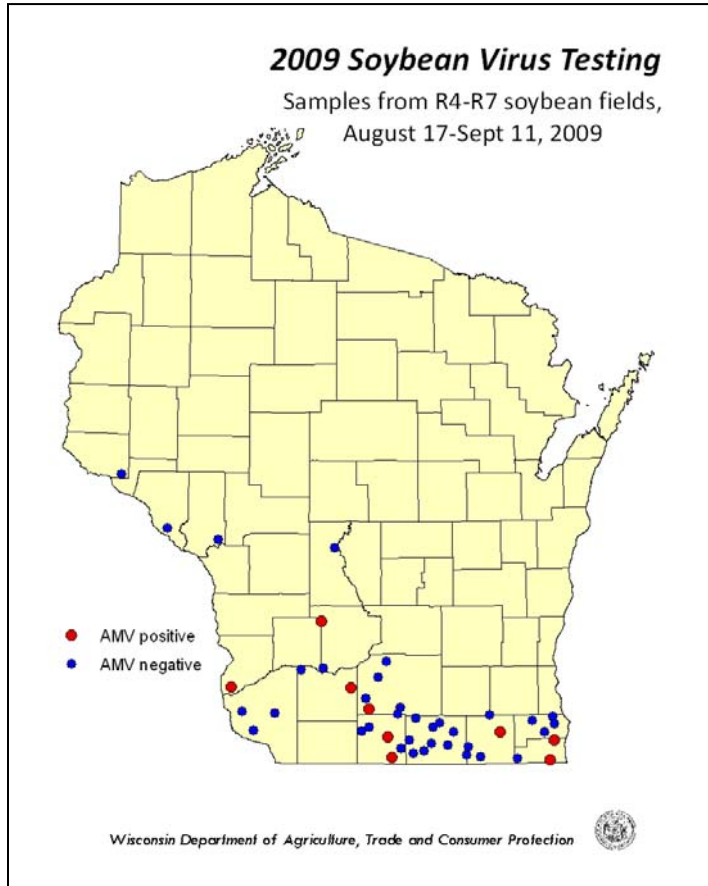


Wisconsin Pest Survey Report

2009 SOYBEAN VIRUS SURVEY

<http://pestsurvey.wi.gov/>



Pest Survey staff conducted a soybean virus survey from mid-august to early September following a delay in plant development due to colder than normal conditions in 2009. Surveyors randomly collected leaves from five plants at four sites from each field with plants in the R2-R6 growth stages.

47 fields were surveyed and tested for alfalfa mosaic virus (AMV) and 19.1% of fields tested positive for AMV, revealing a marked increase in infections with this virus compared to previous years, see table and map.

Testing for soybean dwarf virus is pending. For more information see the 2008 soybean virus report.

Authors: Adrian Barta, WI DATCP Pest Survey, adrian.barta@wi.gov, 608-224-4592

Anette Phibbs, WI DATCP Plant Industry Laboratory, anette.phibbs@wi.gov, 608-266-7131

Year	Total No. of Fields Surveyed	AMV	BPMV	CMV	Potyvirus group	SbDV
2002	177	NA	29.9%	NA	NA	NA
2003	286	NA	4.2%	0.3%	0.3%	1.7%
2004	293	1.0%	0.0%	0.0%	0.0%	1.7%
2005	276	NA	0.0%	NA	0.0%	1.4%
2006	188	NA	0.0%	NA	0.0%	3.2%
2007	227	2.2%	0.4%	0.0%	0.4%	3.1%
2008	238	8.8%	NA	NA	NA	6.7%
2009	47	19.1%	NA	NA	NA	NA

Percentage of fields testing positive for each virus.