

Wisconsin Department of Agriculture, Trade and Consumer Protection

Wisconsin Pest Survey Reports 2010

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

WI DATCP Pest Survey Program

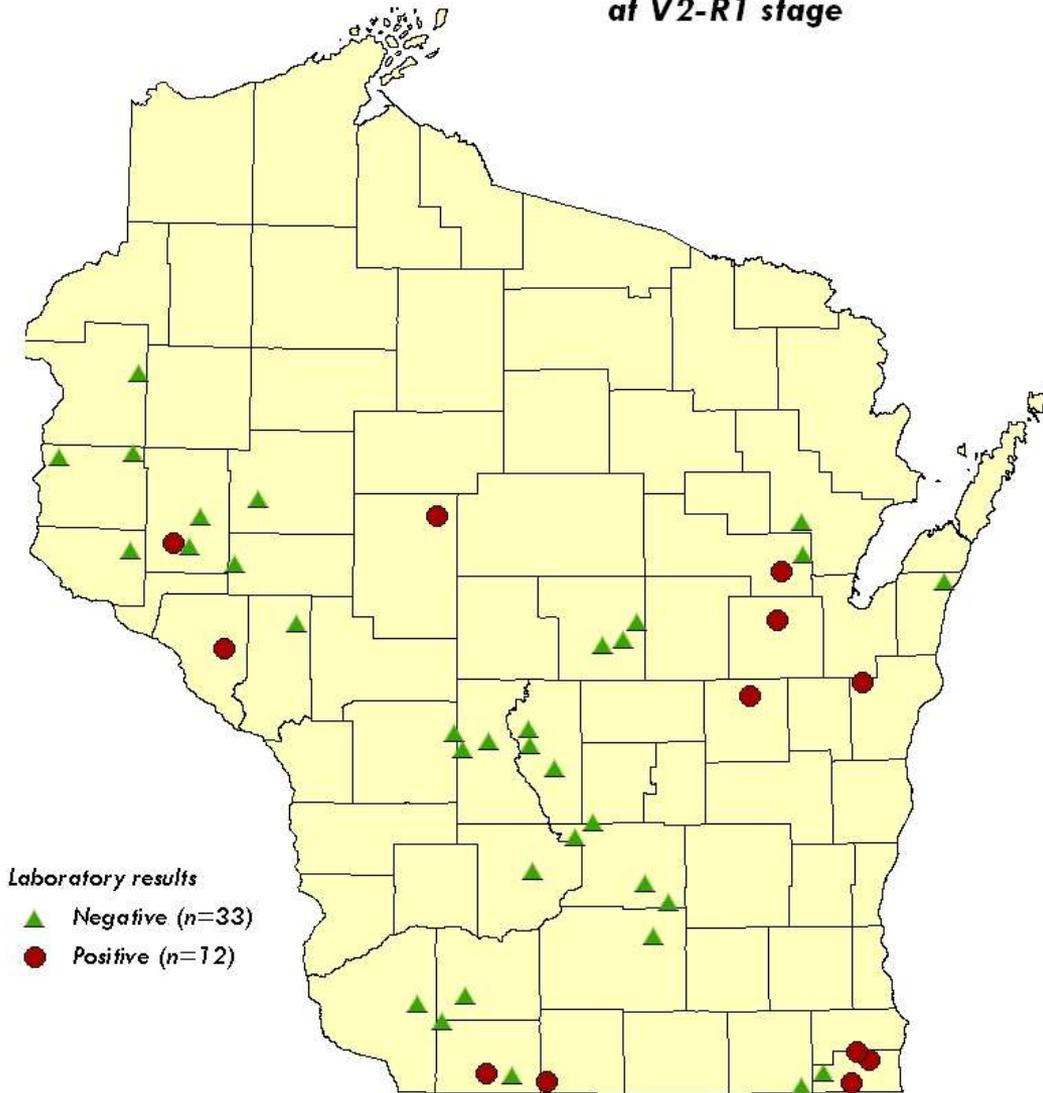
Program was established in 1915 to:

1. Collect data on economic crop pests established in WI
2. Detect exotic pests of regulatory significance

Survey results are published in the Wisconsin Pest Bulletin and on the DATCP Pest Survey web site

2010 Soybean Phytophthora Survey

45 fields sampled for *Phytophthora sojae*
at V2-R1 stage



12 of 45 fields positive
for *P. sojae* by PCR,
27%

18% in 2009
20% in 2008



Wisconsin Pest Survey Report

Soybean Sudden Death



- Symptoms consistent with sudden death were present in southern tier counties in August
- Widely reported in Iowa in 2010

Wisconsin Pest Survey Report

Frogeye Leaf Spot

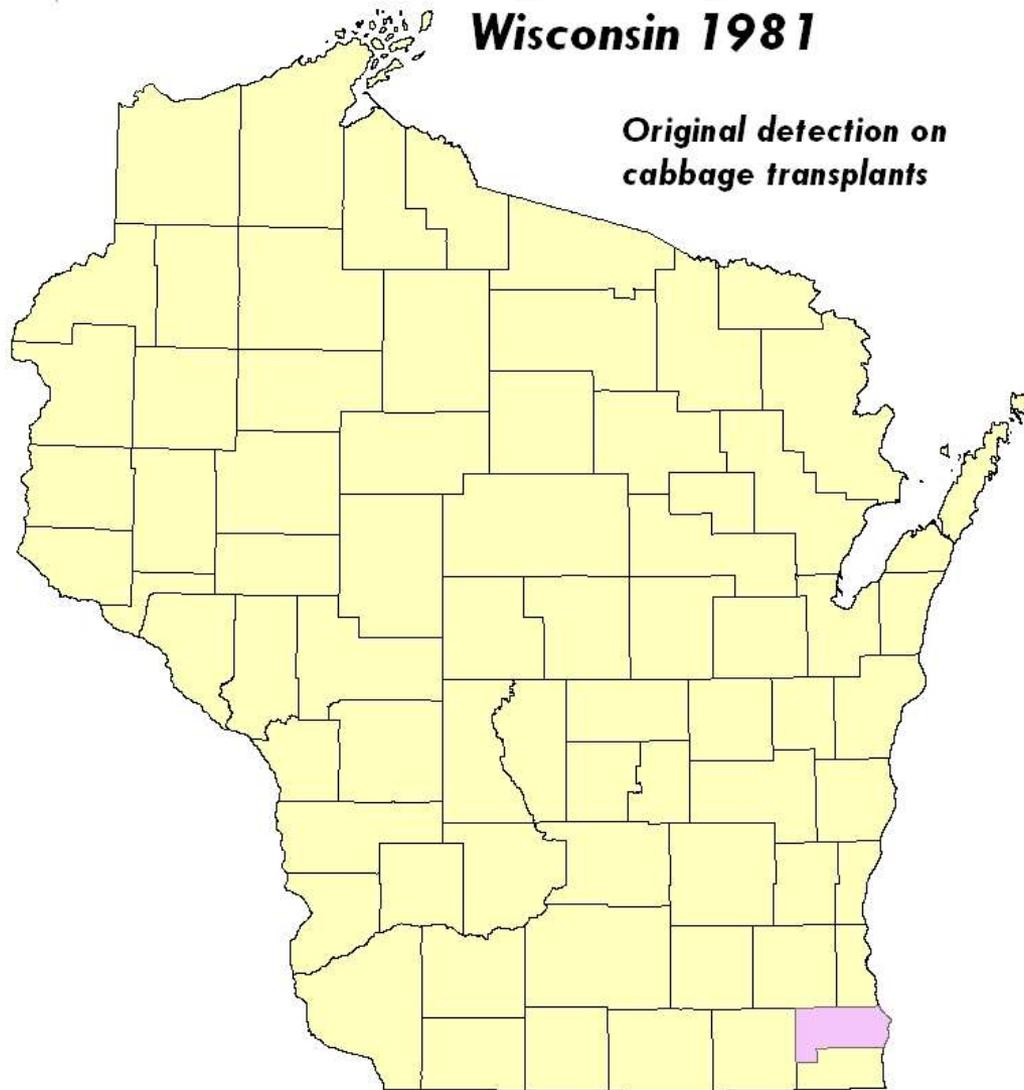
- Frogeye leaf spot was unusually prevalent in 2010.
- Has been sporadically reported since 2003.





Soybean Cyst Nematode Wisconsin 1981

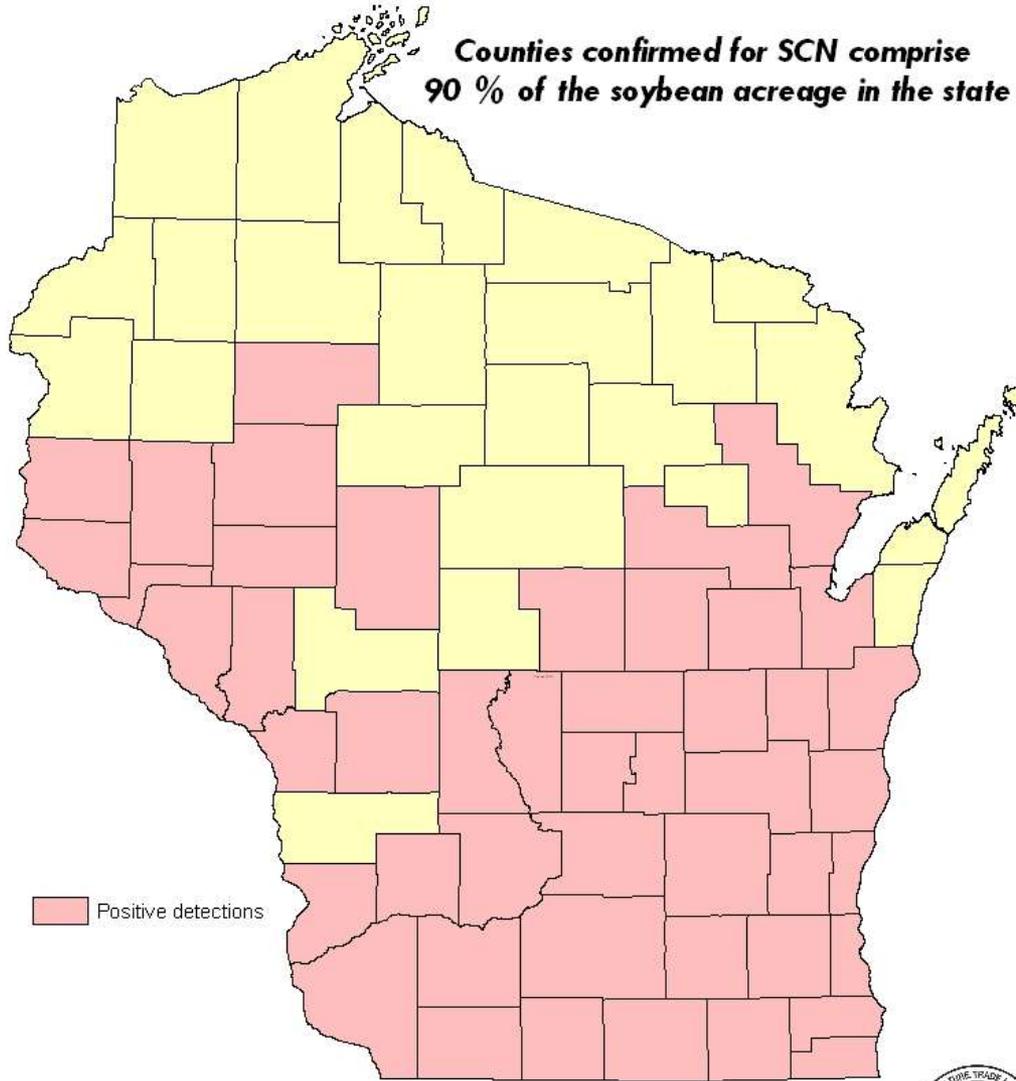
***Original detection on
cabbage transplants***





Soybean Cyst Nematode Wisconsin 2010

Counties confirmed for SCN comprise
90 % of the soybean acreage in the state



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A. Barta 12/2010



Wisconsin Pest Survey Report

Soybean Virus Surveys 2002-2010

Year	Total No. of Fields Surveyed	SbDV	BPMV	AMV	Potyvirus group
2002	177	NA	29.9%	NA	NA
2003	286	1.7%	4.2%	NA	0.3%
2004	293	1.7%	0.0%	1.0%	0.0%
2005	276	1.4%	0.0%	NA	0.0%
2006	188	3.2%	0.0%	NA	0.0%
2007	227	3.1%	0.4%	2.2%	0.4%
2008	238	6.7%	NA	8.8%	NA
2009	47	4.3%	NA	19.2%	NA
2010	155	7.7%	0	13%	NA

Wisconsin Pest Survey Report

2010 SNAP BEAN SURVEY



alfalfa mosaic virus, bean pod mottle virus, cucumber mosaic virus, potyvirus group

added 2010: southern bean mottle virus (SBMV) and tobacco ringspot virus (TRSV)

Only 4 fields positive for CMV, and one for potyvirus

Some other virus/factor at work

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2010 Seed Corn Survey



Export Certification

- 58 seed corn inspections in 7 counties.
- **Goss's wilt in 36 fields — far above the historical average**
- Stewart's wilt in 7 fields
- MDMV in 5 fields (may have been inoculated for breeding)

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2010 Winter Wheat Survey

- 70 fields in 16 counties
- 2 fields with stripe rust
- 1 field with leaf rust
- **no stem rust found**



Wisconsin Pest Survey Report

Barberry Eradication Follow-up Survey

- Barberry eradication was conducted in Wisconsin from 1918 to 1980
- Over one million bushes were destroyed at some 8,000 sites in the state



CHANGE OF TENANT OR OTHER INFORMATION

DISPOSITION OF BUSHES LEFT ON FORMER VISITS OR NEW FINDINGS							CHEMICALS, KIND AND AMTS. FURNISHED BY							
DATE	SCOUTS	BUSHES FOUND		BUSHES DESTROYED			BUSHES REMAINING	KIND*	OWNER	STATE	FED. DEP.	C.P.G.R.		
		PLANTED	ESCAPED	PLANTED	ESCAPED	HOW*								
Aug 19 21	7-P	0	0	0	0	20	0							
Oct 31/24	C-K		2/		2/	Dug	0	Salt*		30#				
5/9/14	7-S-U	0	0	0	0	1 salted								
6/7/35	Cate	0	0	0	0		0							
SPROUTING BUSHES FOUND							SPRING BUSHES DEST.		HOW*	SPROUTING BUSHES REMAINING	SEEDLINGS			
SCOUTS	PLANTED	ESCAPED	PLANTED	ESCAPED	FOUND	DESTROYED	HOW	REMAINING						
Aug 19 21	7-P	0	0	0	0		0							
July 1924	N-M	18	0	18	0	Dug	0							
Sept 11/24	C-K	7	0	7	0	6 dug	0		0			0		
5/9/14	7-S-U	0	0	0	0	1 salted			0	0		0		
1-10-45	W ¹²	0	0	0	0							1945		
12-1-52	W-S	0	0	0	0									
3/16/10	AB	0	0	0	0									

Form I.

526

ORIGINAL SURVEY

D city

CITY

~~RURAL~~

COUNTY

Walworth

CITY

Lake Geneva

OWNER

"The Park", Geo. Parker

MAIL ADDRESS

Rena Hotel, Chicago

RENTER

Matthew Patton garden

ADDRESS PROPERTY

Willow St. 400 bl.

LEGAL DESCRIPTION

QUARTER, SECTION, TOWNSHIP, RANGE, OR STREET AND NUMBER

NUMBER OF BARBERRIES					KIND		RUST		LEGAL NOTICE SERVED									
SIZE	PLANTED	ESCAPED	G-P	+-					DISPOSITION OF BARBERRIES									
LARGE	36								DISPOSITION OF BARBERRIES					CHEMICALS, KIND AND AMTS. FURNISHED BY				
MEDIUM									DUG	TREATED	REMAINING	KIND*	OWNER	STATE	FED. DEP.	C.P.G.R.		
SMALL											36							
TOTAL																		
SEEDLINGS																		

*A-Sodium Arsenite; B-Carbon Bisulfide; C-Sodium Dichromate; D-Dug; K-Kerosene; S-Salt; Etc.

ATTITUDE OF OWNER

Ball

DATE

7/19/18

SCOUTS

McKinney

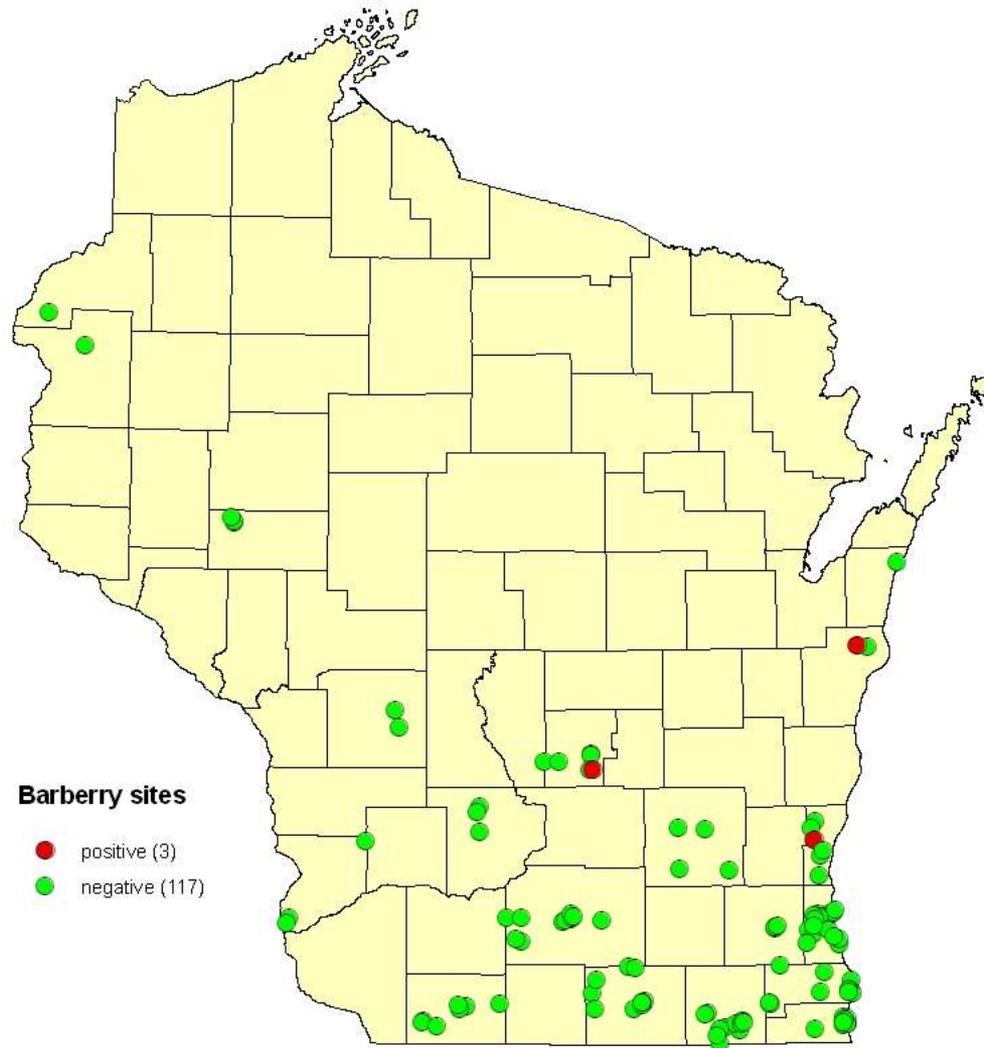
DESCRIPTION OF AREA WITH MAP ON BACK

B-5013

U.S. DEPARTMENT OF AGRICULTURE



2009-2010 DATCP Barberry Survey



0 15 30 60 Miles

Map prepared by A. Barta, Wisconsin Department of Agriculture, Trade and Consumer Protection
12/8/2010



Wisconsin Pest Bulletin

<https://onlineservices.datcp.wi.gov/pb/>

DATCP Pest Survey web site

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

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