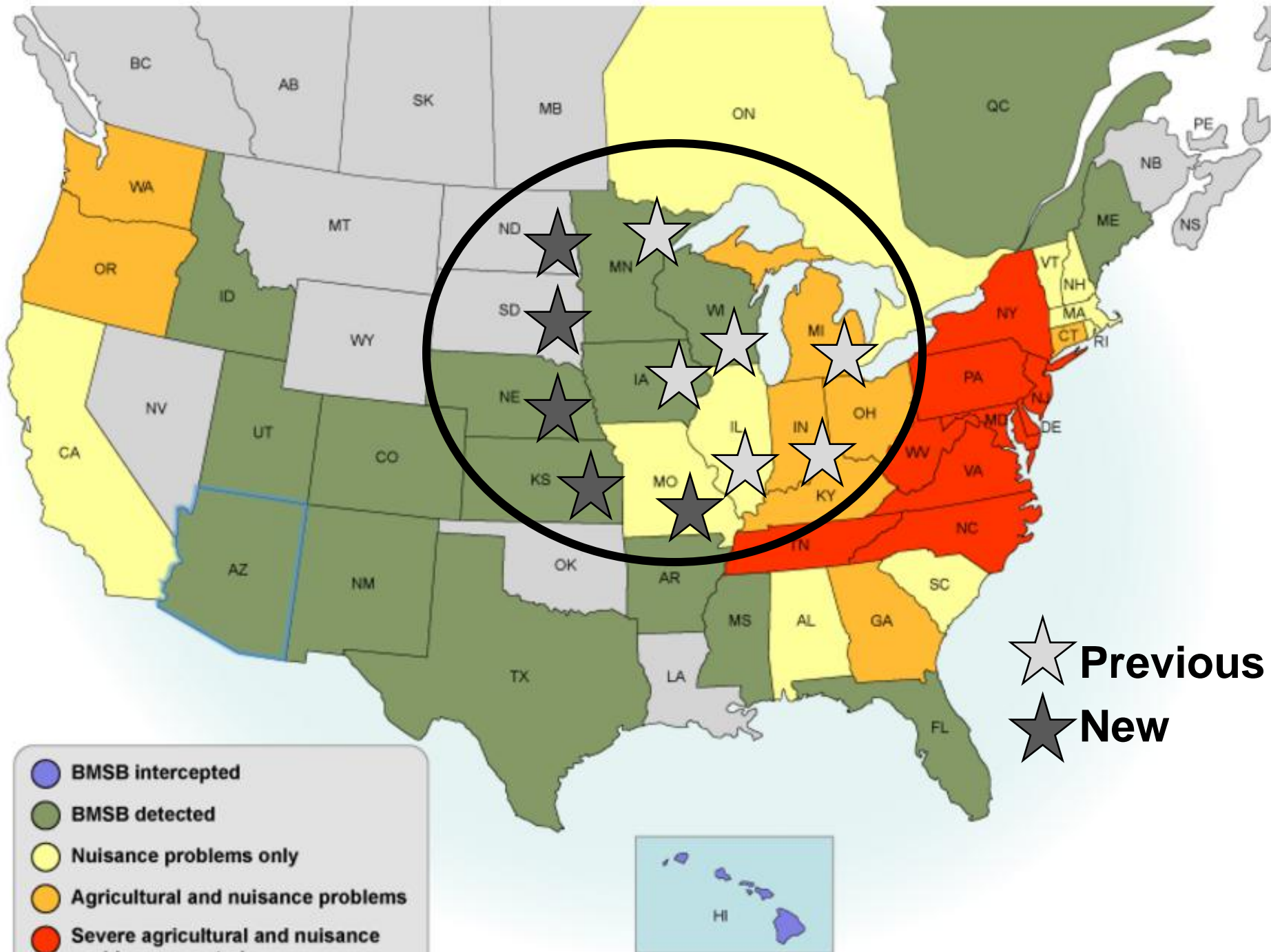


Status of Brown Marmorated Stink Bug in the Midwest



Celeste Welty
June 2016



☆ Previous
★ New

- BMSB intercepted
- BMSB detected
- Nuisance problems only
- Agricultural and nuisance problems
- Severe agricultural and nuisance problems reported

Ohio

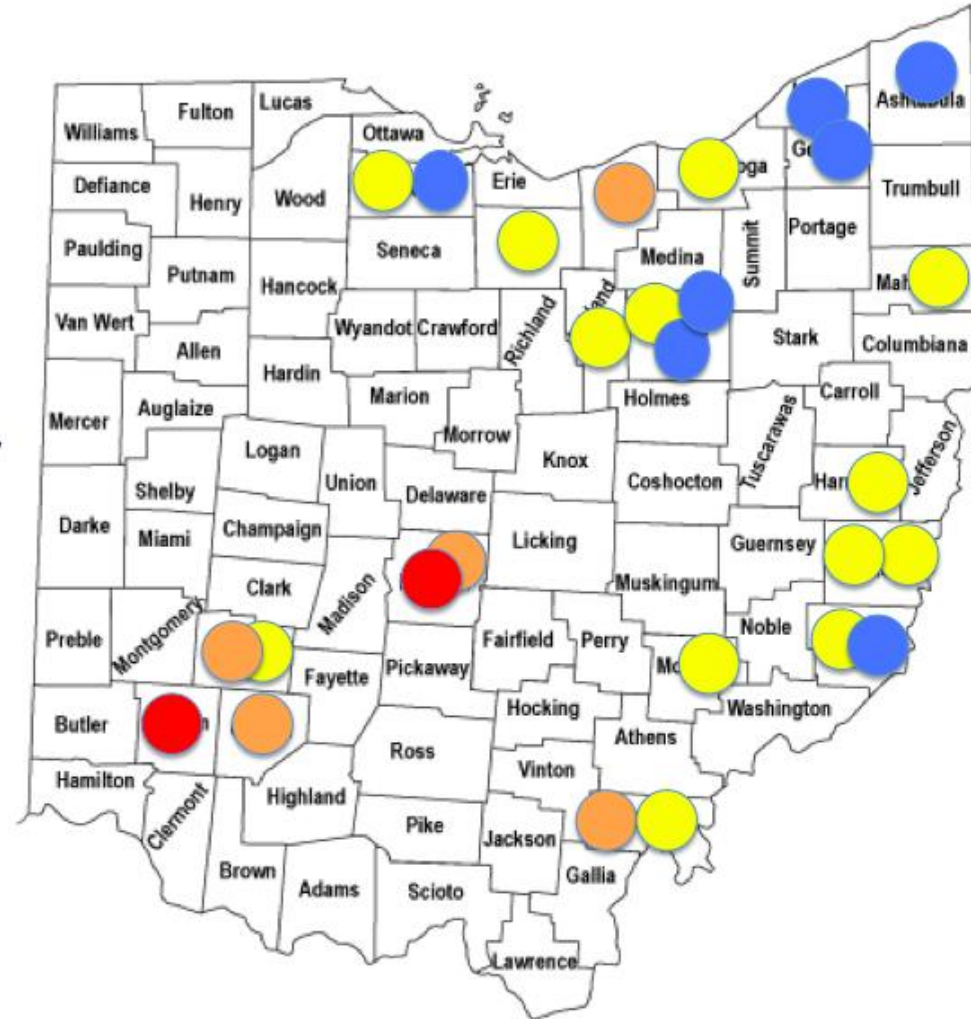


- Spread continues
- A few hot spots with crop damage

BMSB in Ohio, 2015

Pheromone traps in 18 of 88 counties, most in sweet corn or brambles

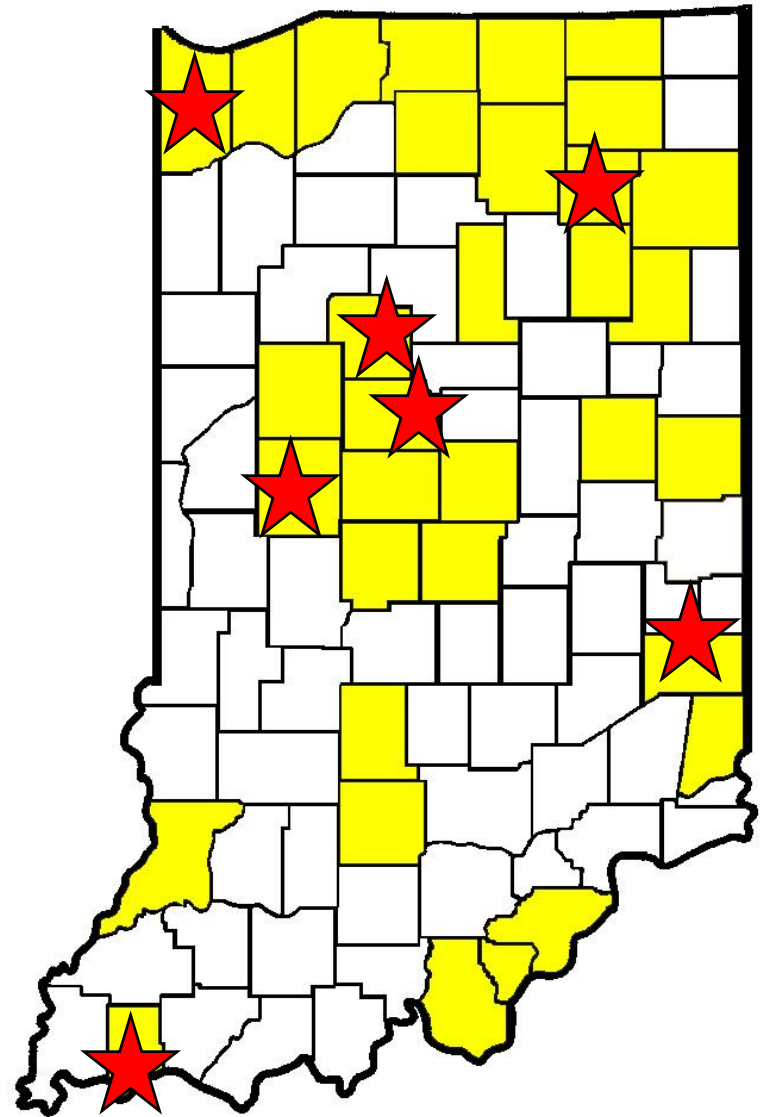
Seasonal total in traps:



credit: Jim Jasinski & Celeste Welty, Ohio State Univ.

Indiana

- Confirmed in 33 of 92 counties (★ = new)
- Greatest concentration in north
- Increasing damage to crops in last 3 years
- Levels still quite low
- Sweet corn, soybeans, tomato, peppers, apples



Michigan

Article on 9/25/2015 went viral
Prior to 9/25/2015 : only 8 records total in network
Now there are 3388 records as of June 10, 2016


MISIN Midwest Invasive Species Information Network

Welcome to MISIN, Julianna ([My Account](#)) | [Logout](#)

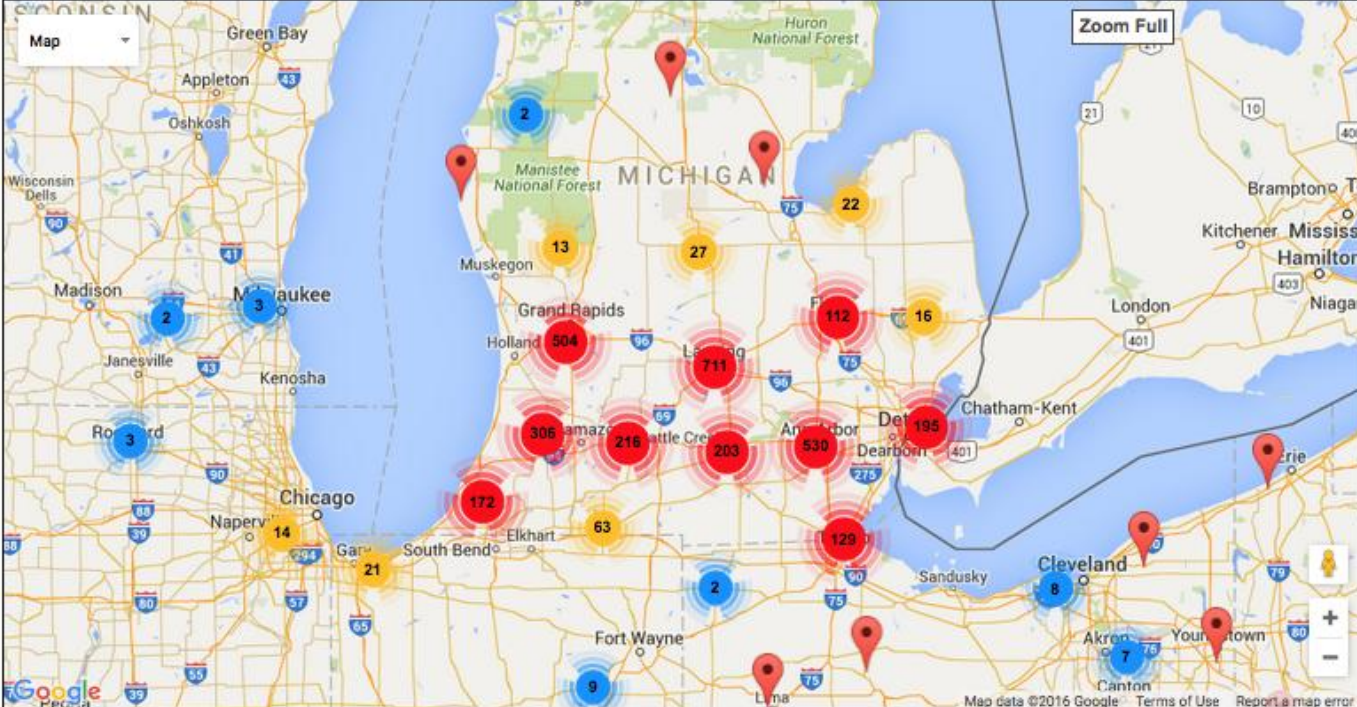
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Search by Date
Search by Species
Search by Geography
Search by Project
Search by Contributor

Reported Species Observations
Brown marmorated stink bug



Messages:



Map

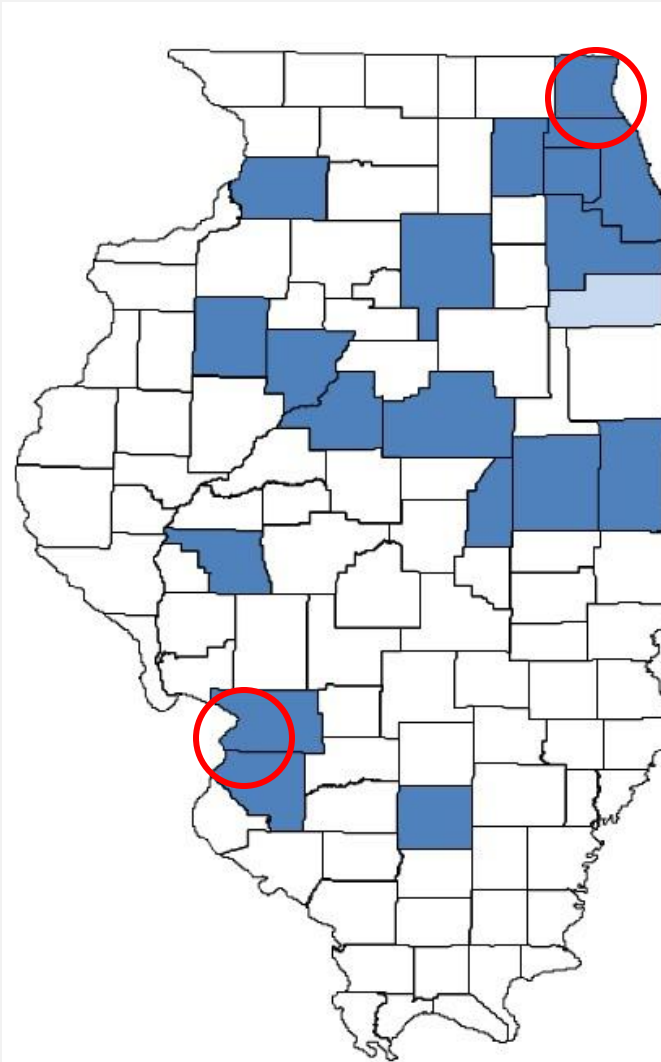
Zoom Full

Map data ©2016 Google Terms of Use Report a map error

credit: Julianna Wilson & Larry Gut

Illinois

- No update 2016
- Confirmed in 18 counties
- Highest near Chicago & St Louis
- Some fruit growers seeing bugs in buildings near orchards
- No significant crop damage reported



Brown Marmorated Stink Bug Confirmations

County	Year Confirmed
Cook	2010
Kane	2011
McLean	2011
Champaign	2011
Du Page	2012
Vermilion	2012
Whiteside	2012
Madison	2012
Morgan	2012
St. Clair	2013
Tazewell	2013
LaSalle	2013
Piatt	2013
Jefferson	2013
Will	2013
Kankakee*	2013
Lake	2014
Knox	2014
Peoria	2014

* suspected, but unconfirmed

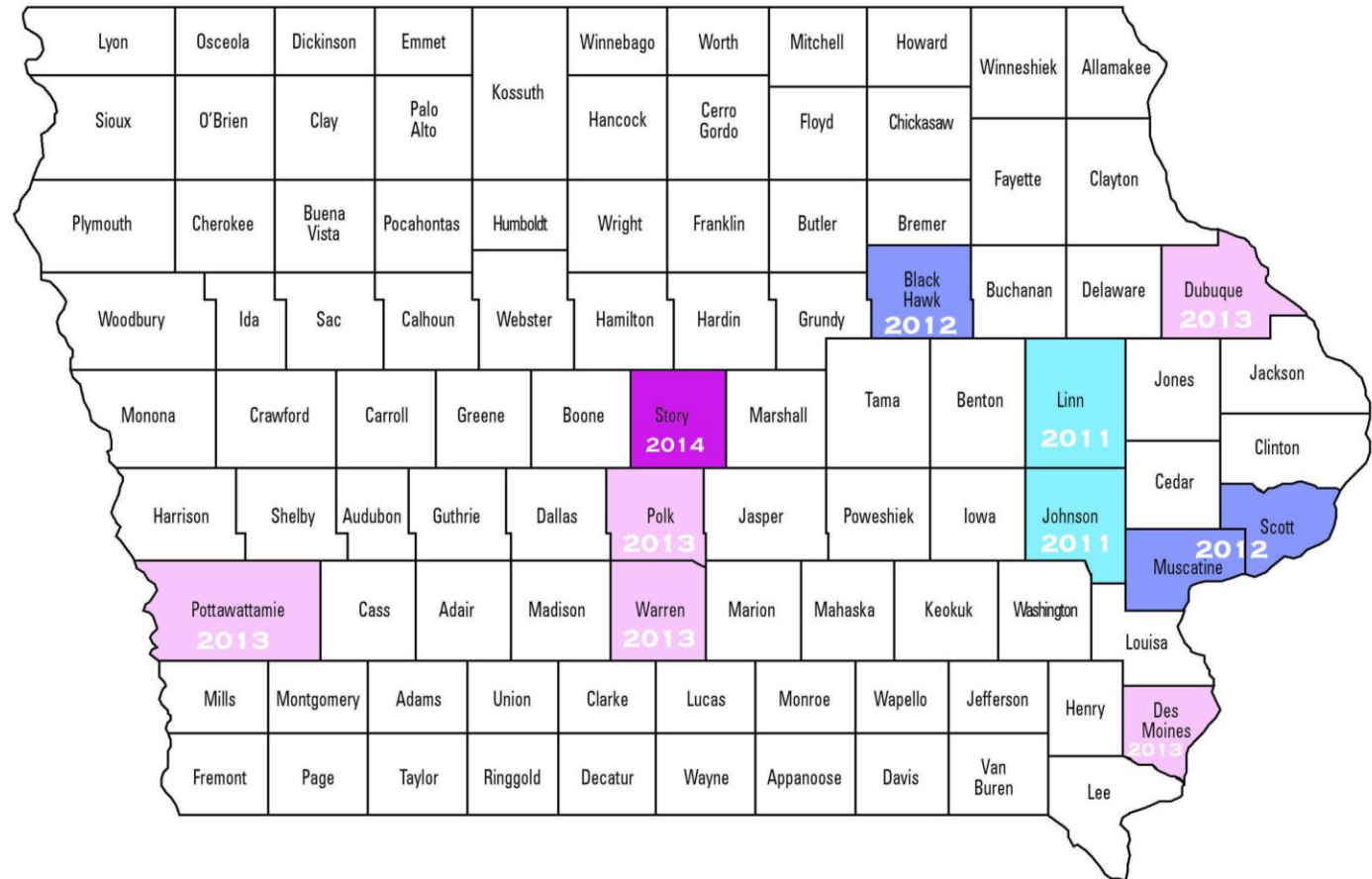


Kelly Estes, State Survey Coordinator
Illinois Cooperative Agricultural Pest Survey Program

Iowa

- Since 2011
- Specimens from 11 counties
- 1 new county in 2014
- All from buildings

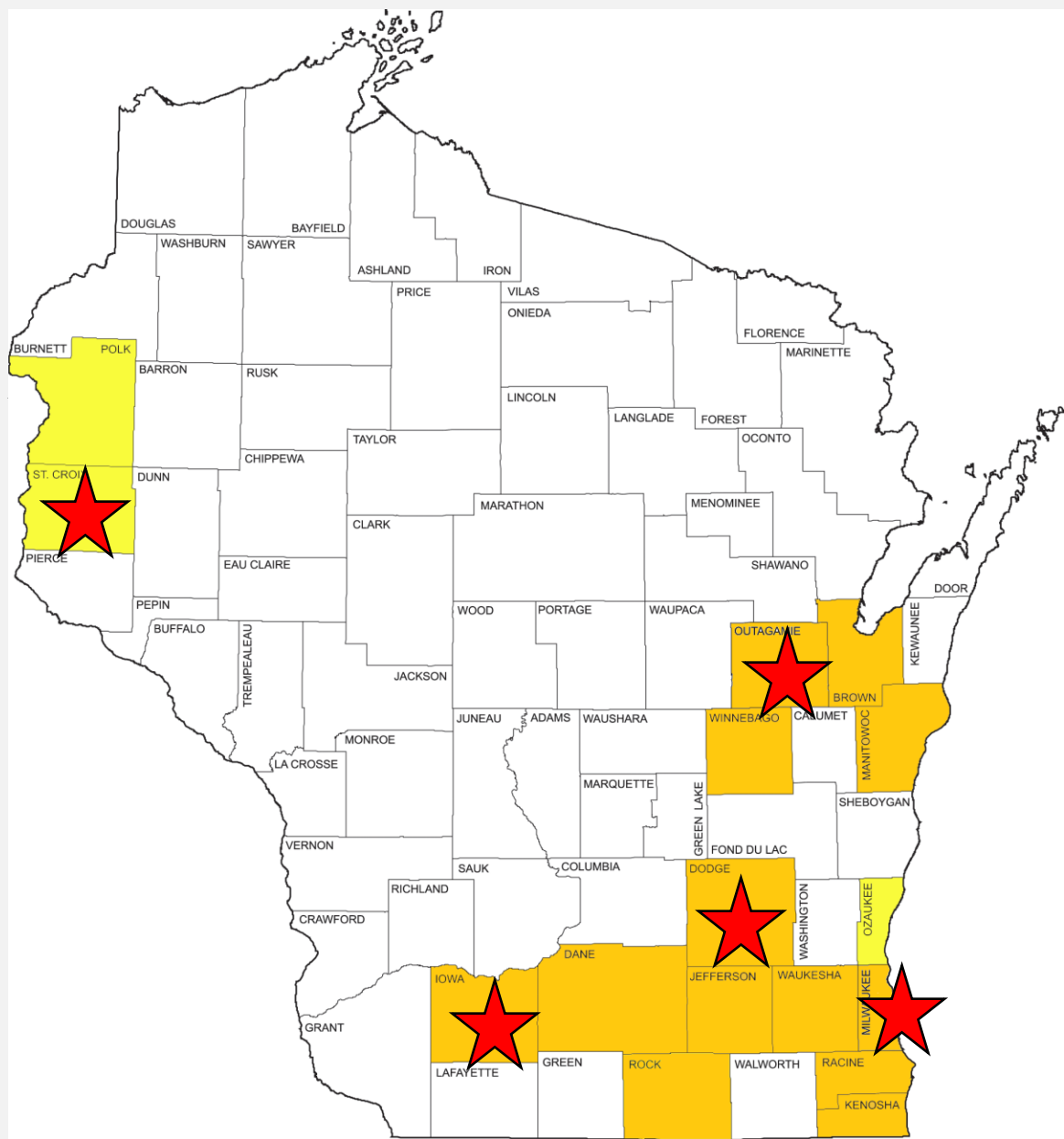
BROWN MARMORATED STINK BUG REPORTS IN IOWA AS OF JUNE 2016



IOWA STATE UNIVERSITY
Extension and Outreach

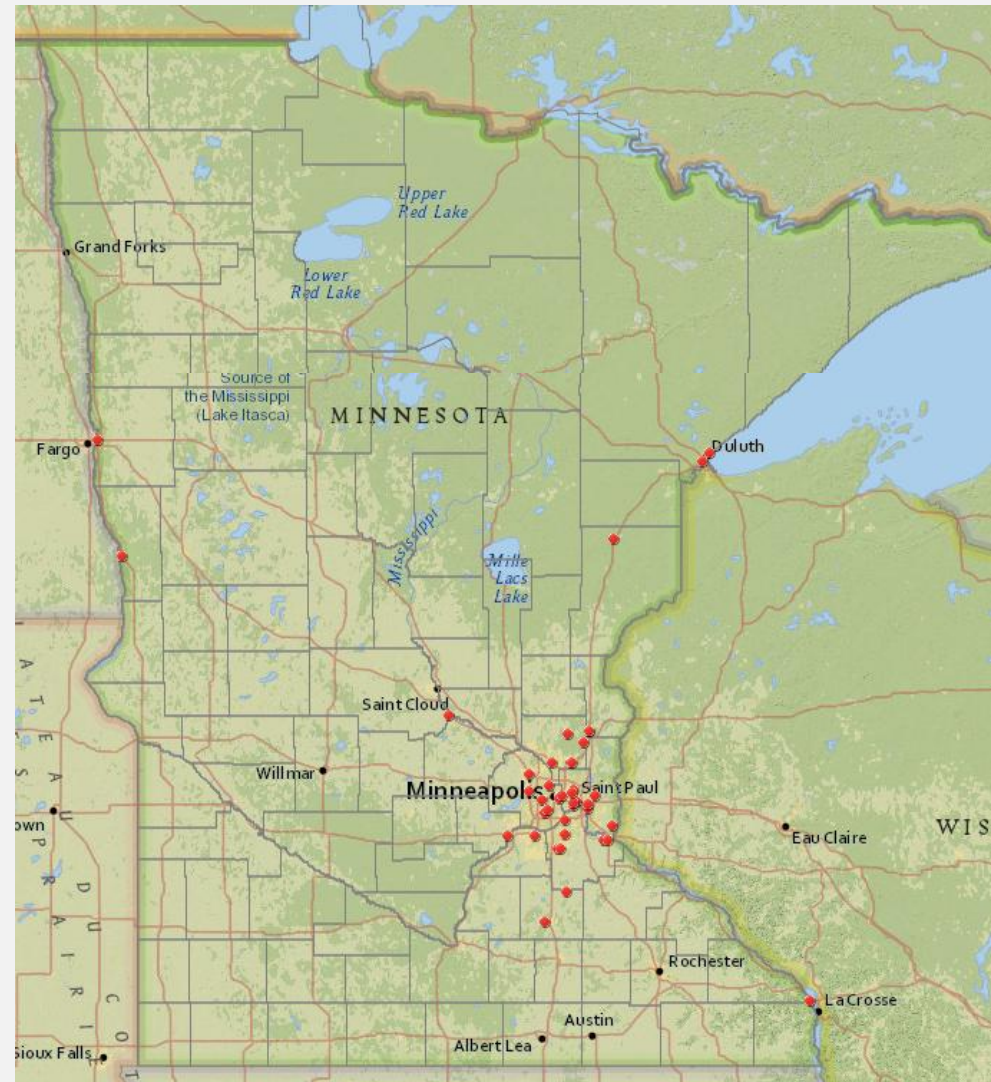
Wisconsin

- Confirmed in 13 counties (orange)
- Suspected in 3 counties (yellow)
- Newest = ★
- Numbers reported are increasing
- No crop damage reported
- Monitoring program in apples 2016



Minnesota

- **a** Since 2010
- Reports 2010-2014: 20
- Reports 2015-2016: 29
- Now in 15 counties
- 1 site with reproducing population
- No plant damage
- Most reports: adults in structures



Missouri

- **Fall 2014:**
aggregations outside buildings in St Louis
- **2015:**
 - Found on a few farms
 - Nymphs & adults on traps
 - No injury to crops
- **Spring 2016:**
 - Inside homes
 - St Louis area
- **Traps at 16 sites**



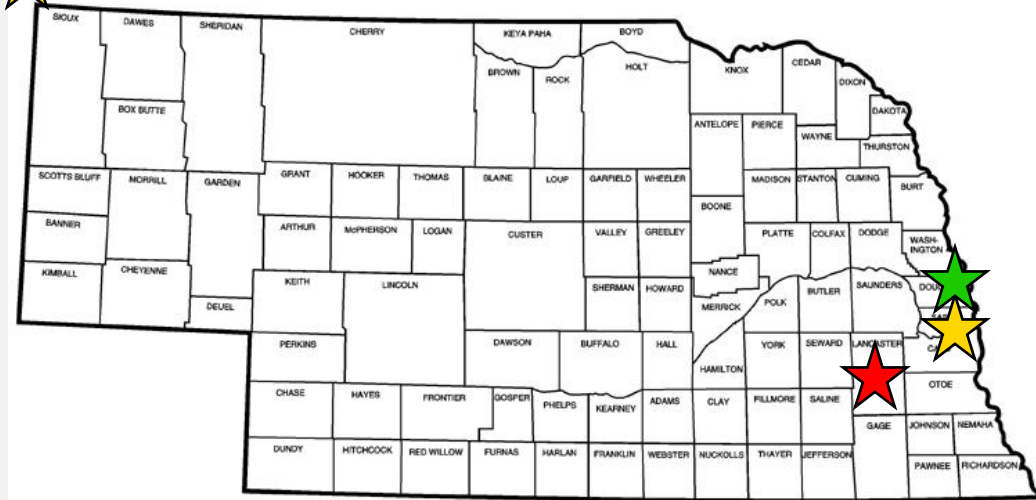
Kansas

- **Has been detected at least once**
- **Not established**



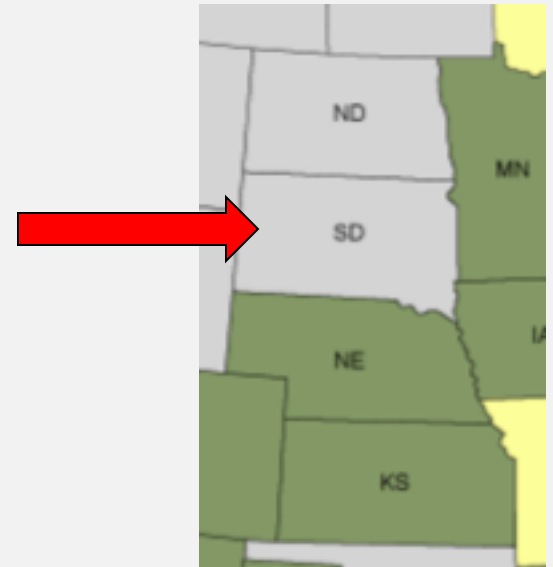
Nebraska

- Found in 3 counties
- 2010 & 2011: 1 county ★
- 2015: 1 more county ★
- 2016: 1 more county ★
- All in buildings &/or cargo
- Limited survey with traps in progress, 2016



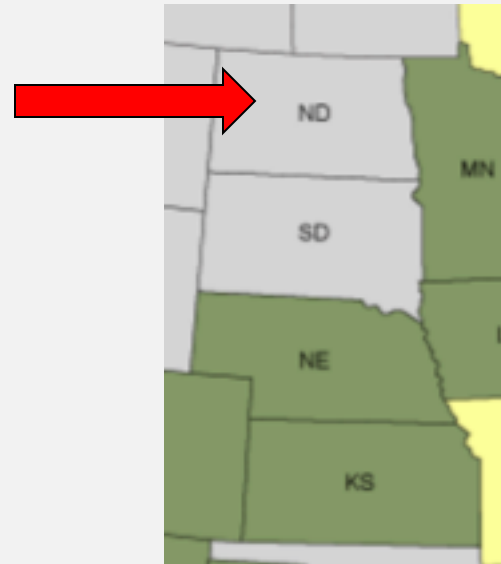
South Dakota

- **No detections yet**
- **Monitoring program in progress, 2016**

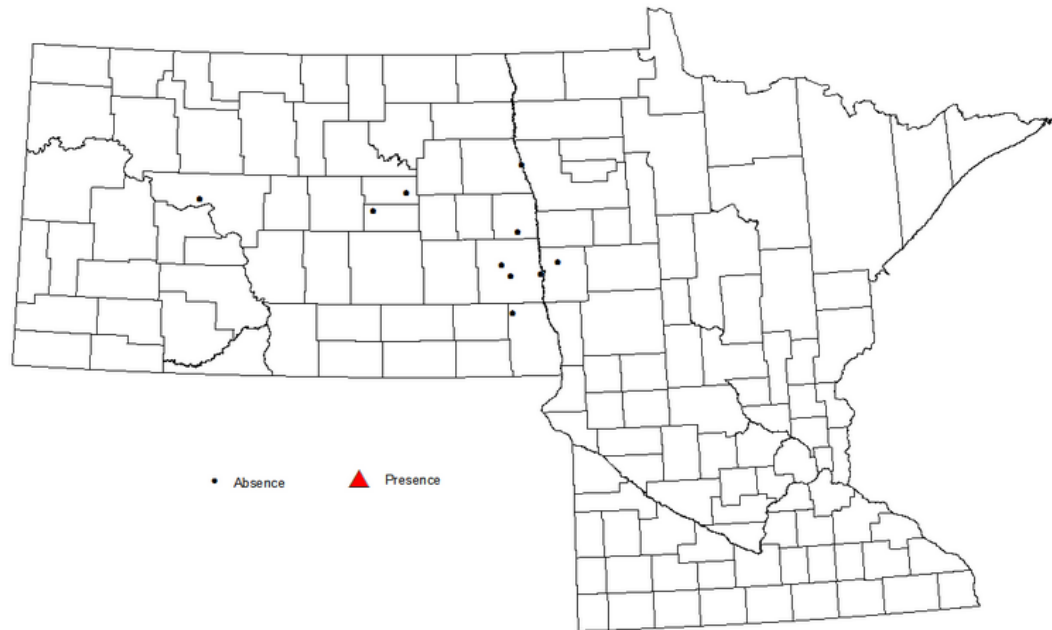


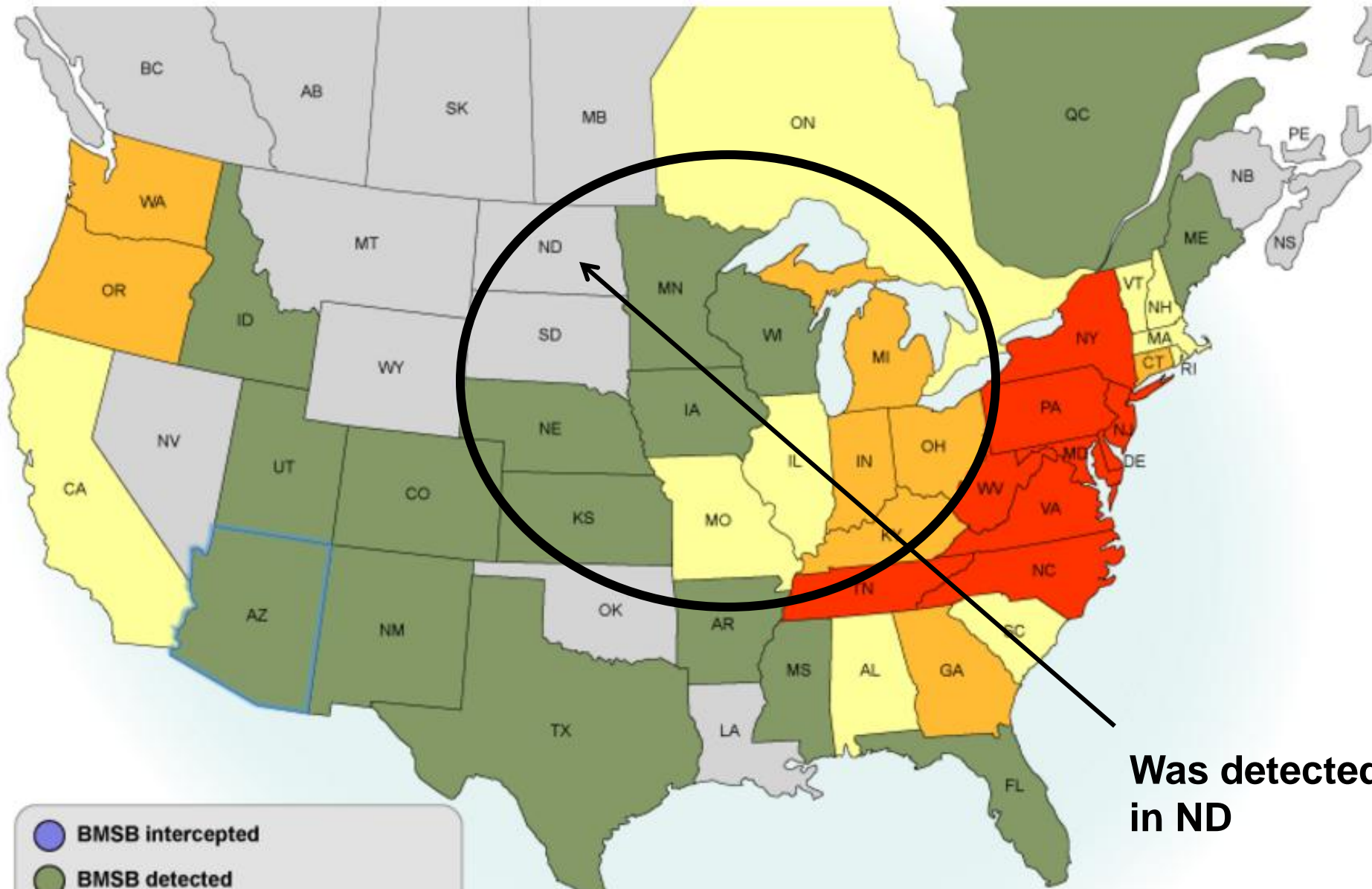
North Dakota

- Trapping program in soybean since 2014:
 - No positives yet
- Sweepnet soybean sampling 2016, multistate led by U.Mn.
- 2 detections in cargo








Brown Marmorated Stink Bug Traps 2014





**Was detected
in ND**

-  **BMSB intercepted**
-  **BMSB detected**
-  **Nuisance problems only**
-  **Agricultural and nuisance problems**
-  **Severe agricultural and nuisance problems reported**