

Insects, Diseases or Plants? Call us!

Linda Williams and Mike Putnam

March 14, 2019

Wisconsin County Forest Assn.



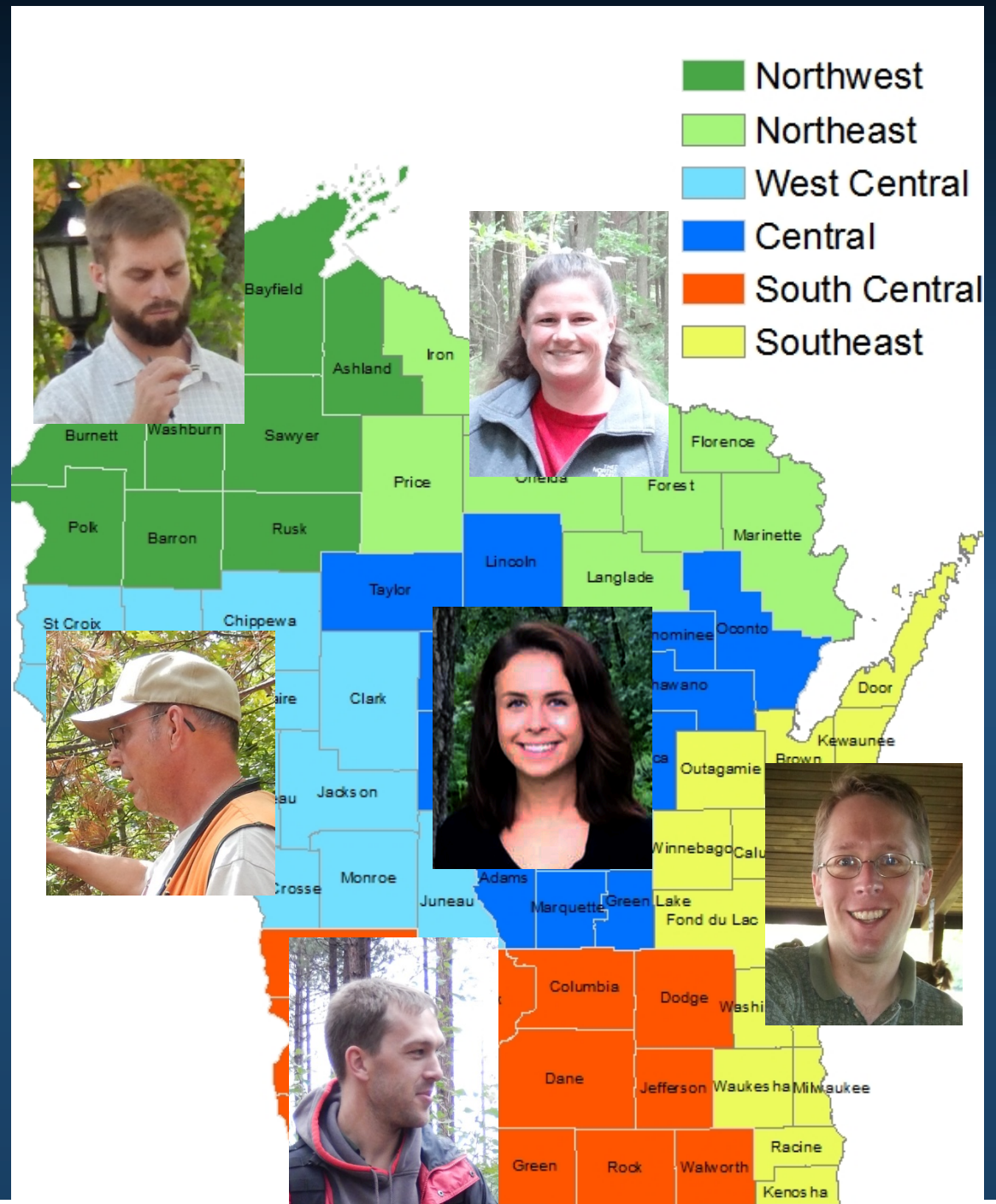
New FH

Work Zones for insect & disease specialists

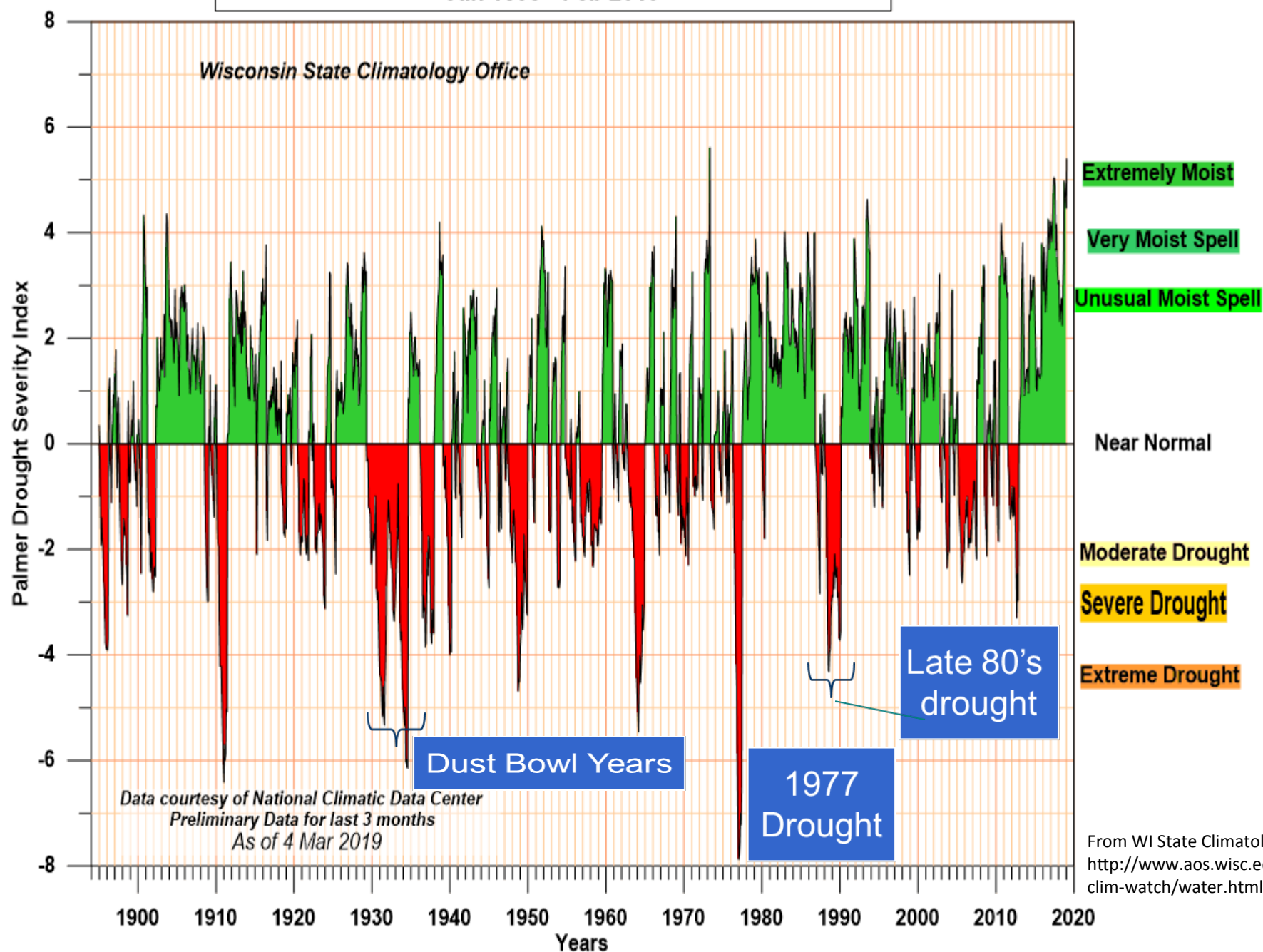
New zones for 6 staff

Newest Forest Health
Specialist:

Alexandra (Alex)
Feltmeyer



Wisconsin Statewide Average Palmer Drought Severity Index
Jan 1895 - Feb 2019



From WI State Climatology Office
<http://www.aos.wisc.edu/~sco/clim-watch/water.html>

What does that mean for 2019?

- High water issues
- Saturated soils during the growing season
- Dieback due to root mortality
- Leaf and needle diseases



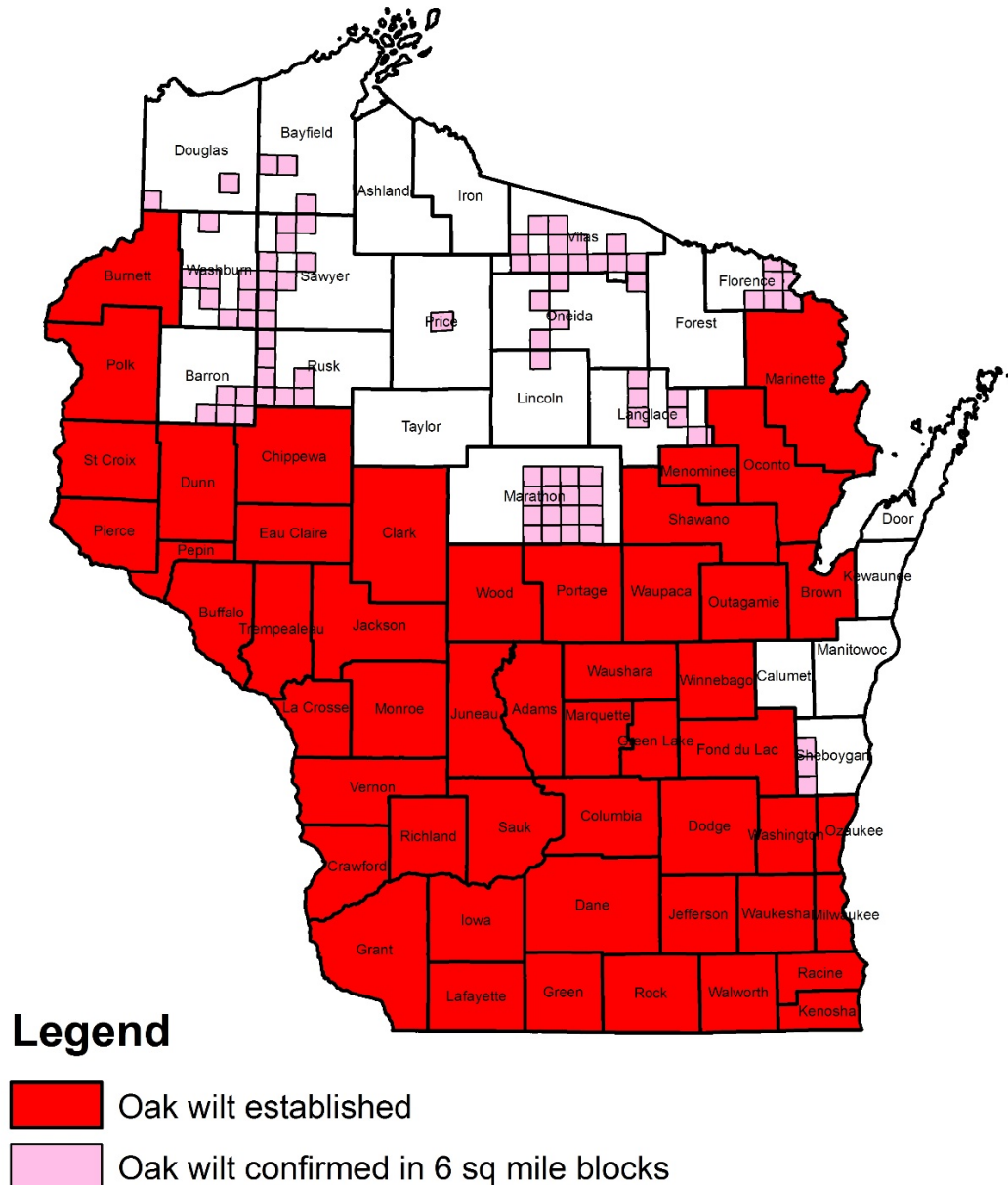
Oak wilt

Deadly disease of oaks
caused by the fungus

Bretziella fagacearum

(formerly *Ceratocystis*
fagacearum)

Oak wilt detections in Wisconsin
with 6 sq mile block buffers
(as of February 2019)



Oak Wilt Management Options

- Root severing
- Stump extraction
- Herbicide: chainsaw girdle
- Herbicide: stump treatment



To stop a pocket from expanding you must address the root system. Simply cutting the trees down will not work, and can make it spread faster



HRD Highlights & Changes



- Heterobasidion Root Disease (HRD)
 - Previously annosum
- New guidelines implemented January 1, 2019
- Spruce was added as a species for stump treatment, in addition to pine stumps
- Preventive stump treatment dates did not change:
 - April 1 – November 30 – treatment dates
 - Dec 1 – March 31 – treatment not required
- Recommended buffer distance from known HRD pockets remained 25 miles (Modification for 6 mile buffer except DNR lands)
- Includes flexibilities (Exceptions and Modifications) when stump treatment would not be required

HRD web viewer available on-line

HRD_v4

wi-dnr.maps.arcgis.com/home/webmap/viewer.html?webmap=1e377361ac524879a2ff371dfdd60e63&extent=-94.0231,42.4492,-85.9097,45.834

Add to the favorites bar by selecting ☆, or by getting them from another browser. [Import your favorites](#)

Home ▾ HRD_v4

New Map ▾ Kyoko ▾

Details Add ▾ Edit Basemap

Save ▾ Share ▾ Print ▾ Measure Bookmarks Find address or place

About Content Legend

Contents

- ☒ Heterobasidion Identification
- ☒ HRD Sites
- ☒ 25 Mile HRD Buffer
- ☒ 25 Mile Grace Period Until Oct 2019
- ☒ 25 Mile Grace Period Until Nov 2019
- ☒ 25 Mile Grace Period Until Dec 2019
- ☐ 6 Mile HRD Buffer
- ☐ 6 Mile Grace Period Until Oct 2019
- ☐ 6 Mile Grace Period Until Nov 2019
- ☐ 6 Mile Grace Period Until Dec 2019
- ☒ PLSS Townships
- ☒ PLSS Sections
- ☒ PLSS Quarter Sections
- ☒ PLSS Quarter Quarters
- ☒ County Land
- ☒ State Land
- ☒ Counties

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WISCONSIN DEPT. OF NATURAL RESOURCES

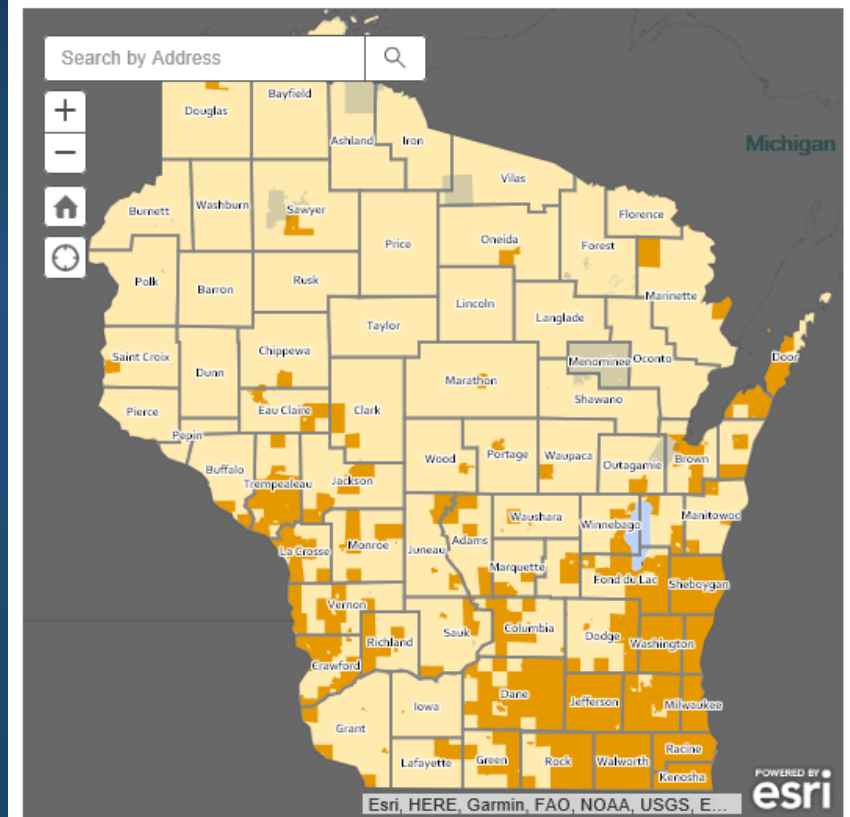


Emerald Ash Borer Silviculture Guidelines Revision

- New guidelines implemented January 1, 2019
- Statewide quarantine effective March 2018
- EAB much more common, and spreading, but still large areas of the state where EAB has not been found

Wisconsin Emerald Ash Borer (EAB) Detections Look-Up Tool

Search by entering an address or clicking on a map location to receive EAB status and reporting information.



Highlights

- Anywhere in Wisconsin, manage stands for EAB as soon as practical (no longer only in quarantine counties and near known infestations).
- Stand assessment – increased emphasis on evaluating a stand, site and management goals before selecting a management strategy.
- Diversify – aim for less than 20% ash.
- Lowland stands can be difficult to manage, and many sites are not practical or feasible to regenerate.
- New sections include artificial planting considerations, a glossary, additional resources and references cited.

Winter 2018/2019 Impacts

- Oak wilt restriction dates?
 - North – April 15 – July 15
 - South – April 1 – July 15
- HRD treatment dates?
 - No stump treatment Dec 1 – March 31
 - Treat April 1 – Nov 30
 - Modification for weather (cold and/or snow)
- EAB?
 - Mortality?

Thanks!

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