

## Crawford County Master Gardener Association

The Wisconsin First Detector Network(WIFDN) put out the word about 2017 WISCONSIN PLANT DISEASES watch list and they want your help. WIFDN is an organization that combines efforts from all areas to help detect invasives in our state. They are not only concerned about disease, but also about insects, weeds and aquatic creatures that may invade our Wisconsin ecosystems (home gardens, agriculture ,forestry and water systems).

### **HERE ARE 10 PLANT DISEASES THEY WILL TEST FOR FREE THIS YEAR.**

Let's hope none of us encounter these diseases, but if you want a true diagnosis you need to send a sample to the Plant Disease Diagnostic Labs in Madison.

Go to [www.pddc.wisc.edu](http://www.pddc.wisc.edu) for specific instructions for submitting a sample.

If you would like to see the video presentation (pictures!) of the 2017 WI watch list--Please go to <https://www.youtube.com/watch?v=NXvyqRsljzw&t=504s> Another option is to go to <http://fyi.uwex.edu/wifdn/2017-webinar-series/> Look for March 17, 2017 in the What to Look for in 2017 section– it offers a “click here” option. A third option is go to [www.youtube.com](http://www.youtube.com) and put "Wisconsin First Detector Network Plant Diseases" in the search area.

- 1.LATE BLIGHT- effects tomato and potato crops-defoliates, leathery lesions (could be catastrophic toWI potato crop)
- 2.TOMATO CHLOROTIC DWARF-stunts growth, curling leaves, yellowing small fruit (came into thestate on petunias and is touch transmitted)
- 3.BOXWOOD BLIGHT- not a discoloration or bleaching tips, rather small dark spots on leaves thatexpands and leads to defoliation, branch dieback, and can be lethal. (SW WI is under threat because it is confirmed in northern IL)
- 4.THOUSAND CANKERS DISEASE-effects Walnut trees-insect vectors a fungus or could be brought inon wood transported into the state. Look for pin size holes, die back and thinning of canopy.
- 5.TAR SPOT ON CORN- effects field corn and sweet corn. Look for many dark spots with bleached haloaround the spot.
- 6.BASIL DOWNY MILDEW-look for yellow, distorted leaves that may have purple/gray splotches on theunderside of the leaves.
- 7.IMPATIENS DOWNY MILDEW- look for yellow leaves, distorted leaves and white fuzzy splotches onunderside of leaves. The plant will liquefy.
- 8.SAWADAEA POWDERY MILDEW-seen only on Norway Maple so far. Blotchy colonizing pattern onveins of leaves and on helicopter seeds. Concern if it moves to Sugar Maple.
- 9.TARSPOT-currently on Silver Maple. Look for solid black tar spot. Concern if it moves to NorwayMaple or Sugar Maple.
- 10.TOBACCO RATTLE- Concern if it moves to potato crop. Look for ringspot pattern, line spot pattern. Look on coralbells, bleeding heart, peony, astillbe.

With our help, they can help detect, track and monitor these diseases that have the potential of making huge impact on our state's agricultural and forestry industries as well as our home gardens and landscapes. Go to [www.pddc.wisc.edu](http://www.pddc.wisc.edu) to see information and photos of these diseases.