

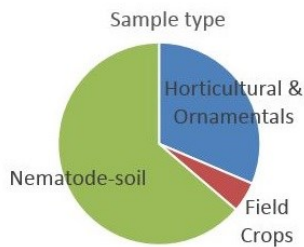
ISU Plant and Insect Diagnostic Clinic



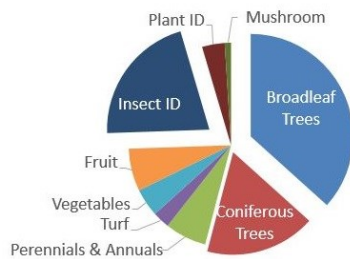
2017 annual report

Sample summary

The PIDC staff processed a total of 2581 samples in 2017. The bulk of our samples originate in the state of Iowa (2556), while 29 samples (~1%) originates from other states in the US, mainly from the Midwest and North Central states.



Diagnosis distribution by pest/problem category is as follows: pathogen (49%), insect damage (29%) and abiotic environmental (13%) and plant/weed or mushroom identification (9%).



Diagnostic highlights

We continue to implement and offer DNA-based diagnostic techniques for plant pathogens. We implemented PCR tests for the pathogens that cause hops downy mildew, Apple and pear firelight, and introduced a new service to identify bacterial pathogens based on DNA sequences. We continued offering the DNA test for the pathogen that causes [oak wilt](#), and we learned that we only could provide this service at sample arrival instead of weeks after receiving the sample. Even though some of our customers requested delay processing (DNA testing a week or two after sample arrival) the quality of the DNA in the sample is compromised by the delay. See full detail our services <http://bit.ly/ISUPIDCplant>

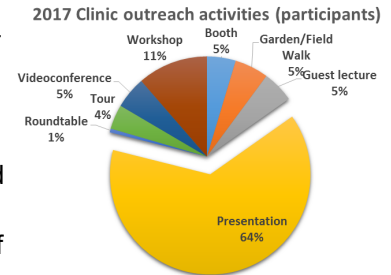
Customer relations

PIDC staff also engaged with stakeholders via social media. Our [Facebook page](#) has 872 likes, 144 more than in 2016. The pages average yearly total reach was 135. Diagnosticians engaged with clients and the general public using Twitter ([@LauraJesseISU](#), [@Linaplantdoc](#) and [@EdZaworski](#)). We have 285 new followers on our diagnostician's twitter accounts, with a total of 947 followers. Our diagnosticians were mentioned in twitter 128 times, and our tweets were liked 379 times.

Extension talks

PIDC staff members are vital members of many programs on a variety of topics.

The majority of our interactions were through presentations (21 presentation with a total of 2096 participants) and hands-on workshops (5 workshops with a total of 374 participants).



We invite our clients to fill out a survey; we encourage our clients to give us feedback on our services. Results of this survey help us to improve our services and identify needs from our clients. We value your feedback greatly!

Publication and videos

During 2017 we contributed to [Horticulture & Home Pest News](#) with 13 diagnostic updates, three plant disease articles, three mushroom articles and one general service article. We were part of revamping 10 publications, and our 10 videos had a total of 3351 new views in 2017.

Updates for 2018

We are moving! The PIDC will move to the Advanced Research and Teaching Building (ATRB) here on campus in March, 2018. This new space will allow us increase the quality of service we provide and we are very excited for this change.

New forms to come: we have listened to your feedback! We want our form to be simple and easy to use. Stay tuned for new forms available in the clinic website through the extension store

Plant & Insect Diagnostic Clinic

NEW LOCATION

We're moving in **March 2018!**

2445 ATRB
2213 Pammel Dr.
Ames, IA 50011

Please check our website in **mid-March** for new forms!

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