

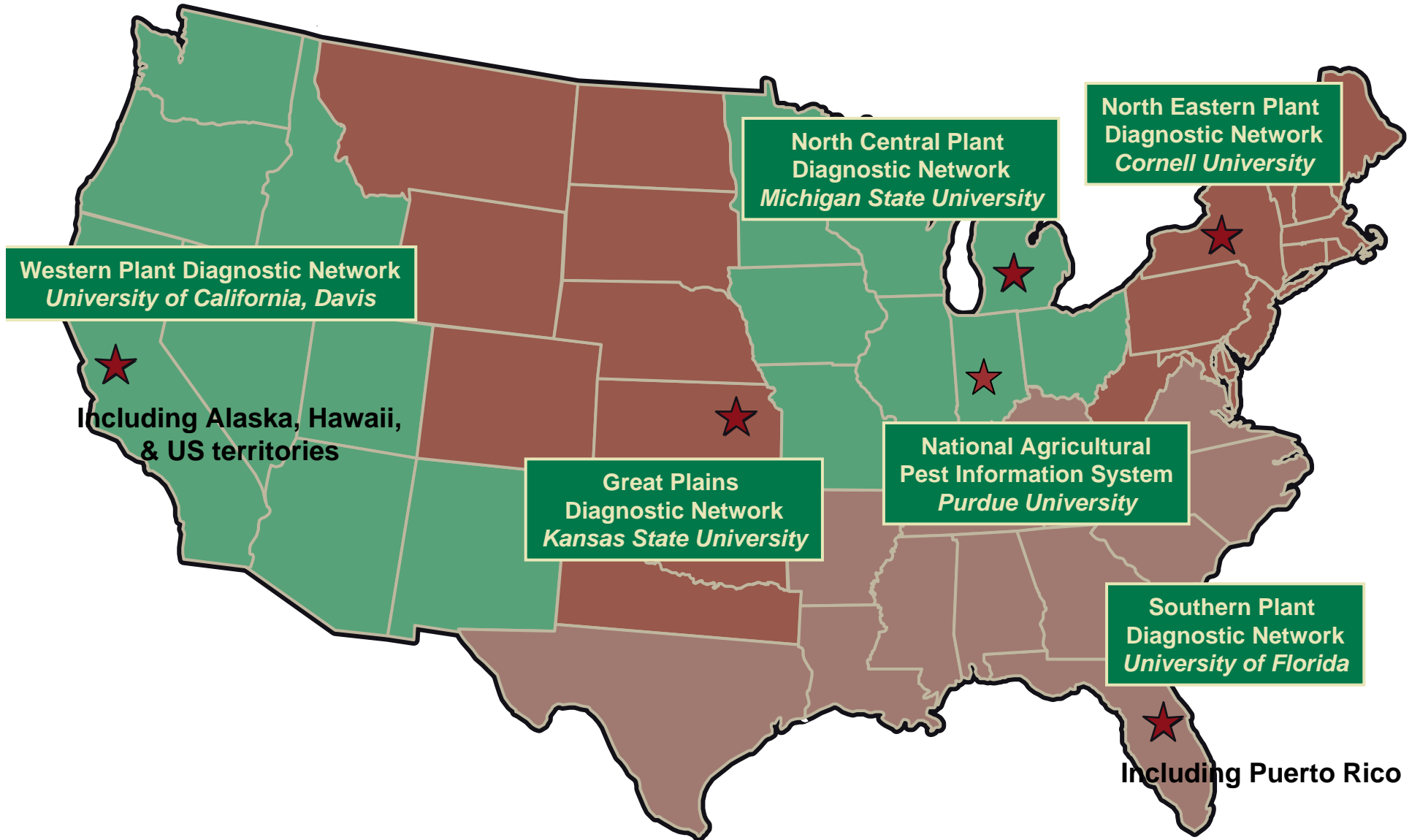


The Role of the NPDN in Biosurveillance and Recovery

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National Epidemiologist



The National Plant Diagnostic Network



NPDN Diagnostic Support

- Provide equipment, supplies, and training
- Coordinate communication and protocols
- Provide passive surveillance
- Provide surge capacity
- Provide diagnostic expertise
- Provide First Detector Training
- Liaison with stakeholders and members

NPDN Diagnostic Updates

- Star-D lab accreditation is progressing
- Surge capacity study is underway
- New analysis products recently rolled out
- Data access progress has been made

NPDN State First Repository Submission Report (not a first detection in state)

[Print File](#)
[CSV File](#)
[Excel File](#)

First Submission by State Report

Date of Search: 03/06/11
 Time of Search: 02:17 PM EST
 Sorted By: Submission Date (Descending)
 Number of Records: 21
Search Criteria
 Submission Date: 05/01/2010-01/26/2011
 State(s): CO

***Note:** Report contains records of pests, weeds, or diseases submitted to the NPDN Repository for the first time in that state for that pest code. Please note *Phytophthora sp./spp.* will be a different code than *Phytophthora parasitica* and each will have its own "first submission" for a state record. It is NPDN Policy that records submitted to the NPDN repository are final results, not presumptive positives. It also is NPDN policy that diagnoses of regulatory significance are not to be submitted to the NPDN repository until after the SPRO and SPHD have been notified of the diagnostic result.

Submission Date	Sample Date	State	Diagnostic Lab	Pest	Host Common Name
12/17/2010	12/17/2010	CO	1601 (CO)	Long-legged Sac Spiders [Family Miturgidae]	Household; Domestic Dwellings
12/14/2010	12/14/2010	CO	1301 (AR)	Lesion Nematodes [Pratylenchus sp./spp.]	Sunflower
11/15/2010	08/13/2010	CO	1601 (CO)	Erineum Galls [Family Eriophyidae]	American Cranberry Bush
11/15/2010	11/15/2010	CO	1601 (CO)	Normal Plant Growth [Identification Analysis]	Eastern Cottonwood (Neckl.p)
11/15/2010	11/15/2010	CO	1601 (CO)	Crambus Sod Webworm [Crambus sp./spp.]	Bluegrass; Kentucky
10/25/2010	08/11/2010	CO	1402 (AZ)	Stubby-root Nematodes (Trichod [Trichodorus sp./spp.]	Turfgrass
10/25/2010	08/11/2010	CO	1402 (AZ)	Root Knot Nematodes [Meloidogyne sp./spp.]	Turfgrass
10/25/2010	08/11/2010	CO	1402 (AZ)	Pin Nematode [Paratylenchus sp./spp.]	Turfgrass
10/25/2010	08/11/2010	CO	1402 (AZ)	Ring Nematodes [Criconemella sp./spp.]	Turfgrass
10/25/2010	08/11/2010	CO	1402 (AZ)	Spiral Nematodes [Helicotylenchus sp./spp.]	Turfgrass
10/25/2010	08/11/2010	CO	1402 (AZ)	Sheath Nematodes [Hemicycliophora sp./spp.]	Turfgrass
10/25/2010	08/11/2010	CO	1402 (AZ)	Stunt Nematodes [Tylenchorhynchus sp./spp.]	Turfgrass
10/21/2010	10/21/2010	CO	1601 (CO)	Tissue proliferation; callus [Abiotic disorder]	Sweetpotato
07/26/2010	07/26/2010	CO	1601 (CO)	Spring Dead Spot [Ophiosphaerella sp./spp.]	Bermudagrass
07/14/2010	07/14/2010	CO	1601 (CO)	Picturewinged Fly [Delphinia picta]	Insect Id Request
06/30/2010	06/30/2010	CO	1601 (CO)	Dicamba Injury [Abiotic disorder]	Northern Catalpa
06/30/2010	06/30/2010	CO	1601 (CO)	Oak Vein Pocket Gallmaker [Macrodiplosis quercusoruca]	Bur Oak
06/07/2010	06/07/2010	CO	1601 (CO)	Carrion Beetles [Family Silphidae]	Rose
06/07/2010	04/20/2010	CO	1601 (CO)	Prunus species [Prunus sp./spp.]	Residential Property
05/21/2010	05/21/2010	CO	1601 (CO)	Bacterial Canker [Pseudomonas syringae]	Sweet (Mazzard) Cherry
05/05/2010	04/21/2010	CO	0932 (ND)	Silver Scurf [Helminthosporium solani]	Potato

Pest / Host Index Report



Sunday March 6, 2011



Hello, Carla

What's New

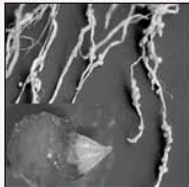
- [Pest/Host Report](#)
- [1st Occurrence Report](#)

System Maintenance

- [Mar. 19, 2011](#)

PDIS Image Search

Gallery Image



British Root-Knot Nematode

Pest/Host Report Disclaimer

This data index is presented as a diagnostic tool to NPDN member laboratories only!

By checking the box below you agree to maintain confidentiality of the data within the NPDN community and appropriate state plant regulatory personnel.

I Agree

Hello, Carla

What's New

- [Pest/Host Report](#)
- [1st Occurrence Report](#)

System Maintenance

- [Mar. 19, 2011](#)

PDIS Image Search

Gallery Image



Oak Decline

Pest/Host Index Report

Report represents all confirmed records as of 2:00am EST on 03/06/2011

This report represents confirmed pests/pathogens and the hosts they have been found on. While every effort has been made to provide an accurate report, these results are not guaranteed to be complete and accurate. Please [contact us](#) if you have any questions or concerns regarding the data.

	Genus	Species	Display Options	Sort By
Pest:	Select Pest Genus <input type="button" value="v"/>	<input type="text"/>	<input type="checkbox"/> Common Name	<input type="radio"/> Pest
Host:	Allium <input type="button" value="v"/>	<input type="text"/>	<input checked="" type="checkbox"/> Common Name	<input checked="" type="radio"/> Host

Search Criteria

Host: *Allium*

Sorted By: Host

Allium canadense (Wild Onion)
Family Anthomyiidae
Not On List
Allium cepa (Onion)
Abiotic disorder
Alternaria porri
Alternaria sp./spp.
Aspergillus niger
Aspergillus sp./spp.
Botrytis allii
Botrytis sp./spp.
Burkholderia caryophylli
Burkholderia cepacia
Burkholderia gladioli
Colletotrichum circinans
Colletotrichum sp./spp.
Davidiella (Mycosphaerella) allii-cepae
Delia (Hylemya) platura
Delia antiqua
Enterobacter cloacae
Erwinia (Pectobacterium) carotovora (um) carotovora (um)
Erwinia sp./spp.

Pest/Host Index Report

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	Genus	Species	Display Options	Sort By
Pest:	<input type="text" value="Pseudomonas"/>	<input type="text"/>	<input type="checkbox"/> Common Name	<input type="radio"/> Pest
Host:	<input type="text" value="Select Host Genus"/>	<input type="text"/>	<input checked="" type="checkbox"/> Common Name	<input checked="" type="radio"/> Host
<input type="button" value="Submit"/> <input type="button" value="Reset"/>				

Search Criteria

Pest: *Pseudomonas*

Sorted By: Host

Abelmoschus esculentus (Okra)
<i>Pseudomonas syringae</i>
Acer circinatum (Vine Maple)
<i>Pseudomonas syringae</i>
Acer palmatum (Japanese Maple)
<i>Pseudomonas sp./spp.</i>
<i>Pseudomonas syringae</i>
<i>Pseudomonas syringae syringae</i>
Acer rubrum (Red Maple)
<i>Pseudomonas syringae</i>
Acer sp./spp. (Maple)
<i>Pseudomonas syringae pv. syringae</i>
<i>Pseudomonas syringae syringae</i>
Achillea sp./spp. (Achillea)
<i>Pseudomonas cichorii</i>
Aesculus glabra (Ohio Buckeye)
<i>Pseudomonas sp./spp.</i>
Agrostis sp./spp. (Bentgrass)
<i>Pseudomonas sp./spp.</i>
Allium cepa (Onion)
<i>Pseudomonas sp./spp.</i>
Allium sativum (Garlic)

- **Analysis results % samples ID'd to species 9/17/10: What percent of the samples are not ID'd to species?**
- Of 552,048 total diagnoses, 330,733 (60 %) are confirmed or suspect
 - 253,280 of the 330,733 (46%) confirmed or suspect diagnoses are biotic.
 - 41,339 of the 330,733 (7.5%) confirmed or suspect diagnoses are abiotic
 - 36,114 of the 330,733 (6.5%) confirmed or suspect diagnoses are of unknown causes
- Of the 253,280 that are confirmed or suspected biotic
 - 20,433 (8.1%) are identified to genus only (73% pathogens),
 - 10,335 (4.1%) are identified to family only (87 % arthropods).
- **Thus of the samples that are confirmed or suspect biotic diagnoses, only 12.2 % are not diagnosed to species.**

- Of the 111,583 virus diagnoses in the repository:
 - 10,606 virus diagnoses were confirmed or suspected (9.5 %)
 - 1,735 virus diagnoses were inconclusive (1.8 %)
 - 99,242 virus diagnoses were not detected (88.9 %)

- In the repository, 2912 pathogens were classified as viroid, mollicute, phytoplasma, disease complex, or fastidious bacteria:
 - 992 of these diagnoses were confirmed or suspected (66.6 %)
 - 431 of these diagnoses were inconclusive (4.4 %)
 - 1489 of these diagnoses were not detected (28.9%)

- Earlier numbers did not reflect that viruses and other related pathogens do not have a specific epithet, thus appeared to be only diagnosed to genus.

Thank you

