

Indiana Department of Natural Resources
Division of Entomology and Plant Pathology

**THOUSAND CANKER DISEASE OF BLACK WALNUT –
Moving black walnut logs/lumber and the survey**

Moving walnut logs and lumber from Ohio to Indiana is not allowed!!!

Now, hopefully, I have your attention on moving Walnut logs and lumber.

Recently, there was another walnut log movement from Ohio into Indiana in violation of the quarantine. This movement was from a tree removal project and not a harvest operation. The logs are being tested for the fungus and samples collected to rear out any walnut twig beetles, the weevil *Stenomimus pallidus*, and ambrosia beetles to determine if the insects have the fungus.

So I remind all arborist companies, mulch companies and land clearing companies, you must have a compliance agreement with IDNR to move walnut logs, lumber, branches, walnut debri into Indiana from Ohio or any other infested state (TN, NC, VA, PA, all western states), AND, you must have it inspected by Ohio Dept of Ag (and the other states Dept of Ag. The western states requires fumigation)

Walnut Twig Beetle Survey

The 2015 Walnut Twig Beetle (WTB) detection survey has placed traps at across Indiana at 134 locations. The WTB delimit survey placed 131 traps at Wilhelm sawmill and 18 around the walnut plantation on Yellowwood State Forest.

Samples have been pulled from the traps but have not been screened for possible WTB or other beetles.

To date, WTB and *G. morbida* fungus have not been collected and confirmed from a walnut tree in Indiana.

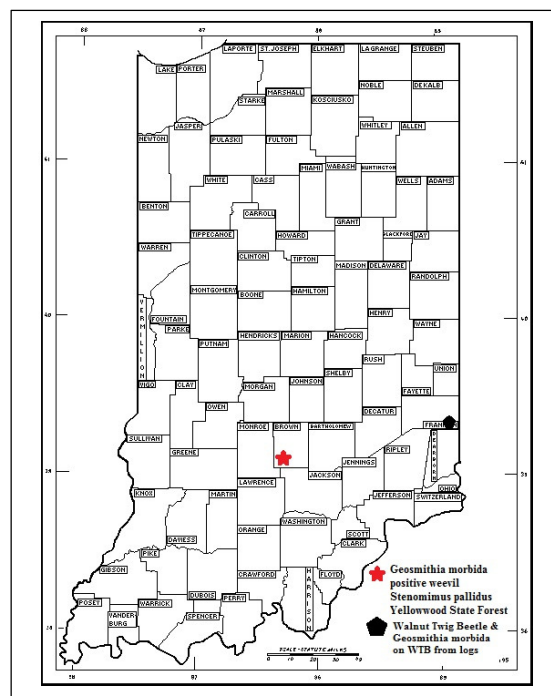
G. morbida was confirmed from the weevil, *Stenomimus pallidus* at Yellowwood State Forest, the initial report of the fungus and new insect carrier.

G. morbida was confirmed from WTB and *Stenomimus pallidus* collected from bark samples taken from logs at Wilhelm. The exact origin of the sample logs is not known but is either Indiana or Ohio. The WTB delimit survey around Wilhelm this summer may help to determine if origin is Indiana. Ohio is surveying around one possible location in Warren County.

There are no new states reporting Thousand Canker Disease.

POINTS TO REMEMBER

1. Wilhelm Sawmill and the Black Walnut Plantation on Yellowwood State Forest are the only sites under quarantine.
2. Franklin County is NOT QUARANTINED, nor is Brown County. Thus movement of walnut logs out of these counties is not restricted.
3. WTB has NOT BEEN DETECTED AND CONFIRMED from a walnut tree in Indiana.
4. *Geosmithia morbida* has NOT BEEN DETECTED AND CONFIRMED from a walnut tree in Indiana.
5. Thus Thousand Cankers Disease of Black Walnut has NOT BEEN DETECTED AND CONFIRMED from a walnut tree in Indiana.



6. WTB has NOT BEEN DETECTED from a walnut tree in the Black Walnut Plantation on Yellowwood State Forest.
7. *Geosmithia morbida* is only confirmed from a weevil, *Stenomimus pallidus*, collected from girdled black walnut study trees in the Black Walnut Plantation on Yellowwood State Forest.
8. WTB has been detected and confirmed from a trap and logs on Wilhelm Sawmill.
9. *Geosmithia morbida* has been confirmed by DNA testing from WTB and *Stenomimus pallidus* collected from walnut logs on Wilhelm Sawmill.

Bringing Walnut into Indiana

The detection of TCD in Indiana does not change or negate the requirements to bring walnut regulated material into Indiana from other TCD states –Tennessee, North Carolina, Maryland, Virginia, Pennsylvania, Ohio and the Western TCD States. All walnut from the Western States has to be fumigated and have a phytosanitary document from the state regulatory agency stating the fumigation was conducted. For the eastern states, a phytosanitary document stating the walnut material did not originate from the TCD positive county in that state. The Indiana business must have a compliance agreement with DNR Entomology to receive walnut regulated material.

Moving walnut material within Indiana

The movement of black walnut is only restricted for the plantation on Yellowwood State Forest. Walnut from other locations in Brown County is not restricted and can move out of the county without compliance agreement. Walnut material can enter Wilhelm Sawmill but must be managed according the Compliance agreement. Walnut material cannot leave Wilhelm unless it meets requirements of the compliance agreement.

Moving walnut material out of Indiana

The following states have TCD quarantines and you will need to comply with their requirements to move walnut logs and lumber into or through that state – Arkansas, Illinois, Iowa, Kansas, Michigan, Minnesota, Missouri, North Carolina, Nebraska, Ohio, Oklahoma, Pennsylvania, Tennessee, Virginia, West Virginia and Wisconsin,.

Michigan and Missouri will not allow walnut logs and lumber from Indiana. Since Michigan is our neighbor and more likely to have walnut move from Indiana to Michigan, call me and I will work with Michigan to allow walnut logs and lumber to move into Michigan. For Missouri, they will not allow it, period.

Indiana's phytosanitary document is available through the USDA APHIS PCIT system, an online system, <https://pcit.aphis.usda.gov/pcit/>. The compliance officer can assist you with establishing a PCIT account and the completion of the phytosanitary document.

The table below summarizes if a state will allow walnut log/lumber from Indiana to come into or through their state, and what is required for entry. The second table lists the contact person in each state.

TCD website - <http://www.in.gov/dnr/entomolo/6249.htm>.

Phil Marshall, State Entomologist/Forest Health Specialist, pmarshall@dnr.in.gov 317-232-4189
Division of Entomology & Plant Pathology (DEPP), 402 W. Washington St. Room 290W, Indianapolis, IN 46204, Office 317-232-4120, fax 317-232-2649

State	Will state allow -		Requirement if allowed		Notes / Other Requirements
	Green Lumber	Logs	Pre-notification	Phytosanitary Certificate	
Arkansas	NO	NO	N/A	N/A	
Illinois	Yes	Yes	*Yes	*Yes	See Notes Below
Iowa	Yes	Yes	N/A	N/A	(no external quarantine)
Kansas	Yes	Yes	No	Yes	See Notes Below
Kentucky	Yes	Yes	No	No	(no external quarantine)
Michigan	NO	NO	N/A	N/A	
Minnesota	Yes	Yes	Yes	Yes	See Notes Below
Missouri	NO	NO	N/A	N/A	See Notes Below
North Carolina	Yes	Yes	Yes	Yes	See Notes Below
Nebraska	NO	NO	N/A	N/A	
Ohio	Yes	Yes	No	Yes	
Oklahoma	Yes	Yes	No	Yes	See Notes Below
Pennsylvania	Yes	Yes	No	Yes	See Notes Below
Tennessee	Yes	Yes	No	No	(no external quarantine)
Virginia	NO	NO	N/A	N/A	
West Virginia	Yes	Yes	No	Yes	
Wisconsin	Yes	Yes	Yes	Yes	

IL* Phytosanitary Certificate must be sent to Illinois Dept. of Agriculture 24hrs prior to shipment
 KS, Processed lumber, without bark (95% bark free), with square edges is exempt; heat treatment is defined as a minimum wood core temperature of 133 degrees Fahrenheit (56 degrees Celsius) maintained for at least 30 minutes

MN, Minnesota importers need a compliance agreement with the MN dept. of Agriculture

MO, Moving walnut material through the state requires a Missouri Dept. of Agriculture compliance agreement

NC, Shipping square edge lumber to North Carolina requires being under Indiana compliance agreement

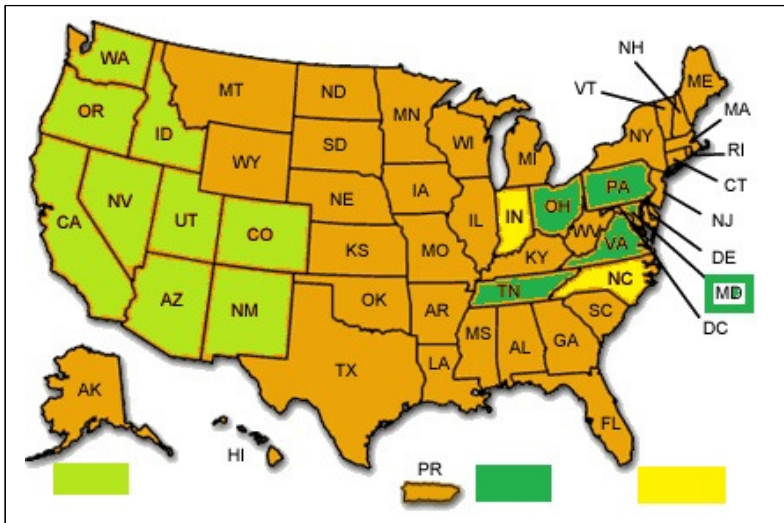
OK, Heat treatment is defined as a minimum wood core temperature of sixty (60) degrees celsius maintained for a minimum of sixty (60) minutes.

PA, Pennsylvania importers need a compliance agreement with the PA dept. of Agriculture

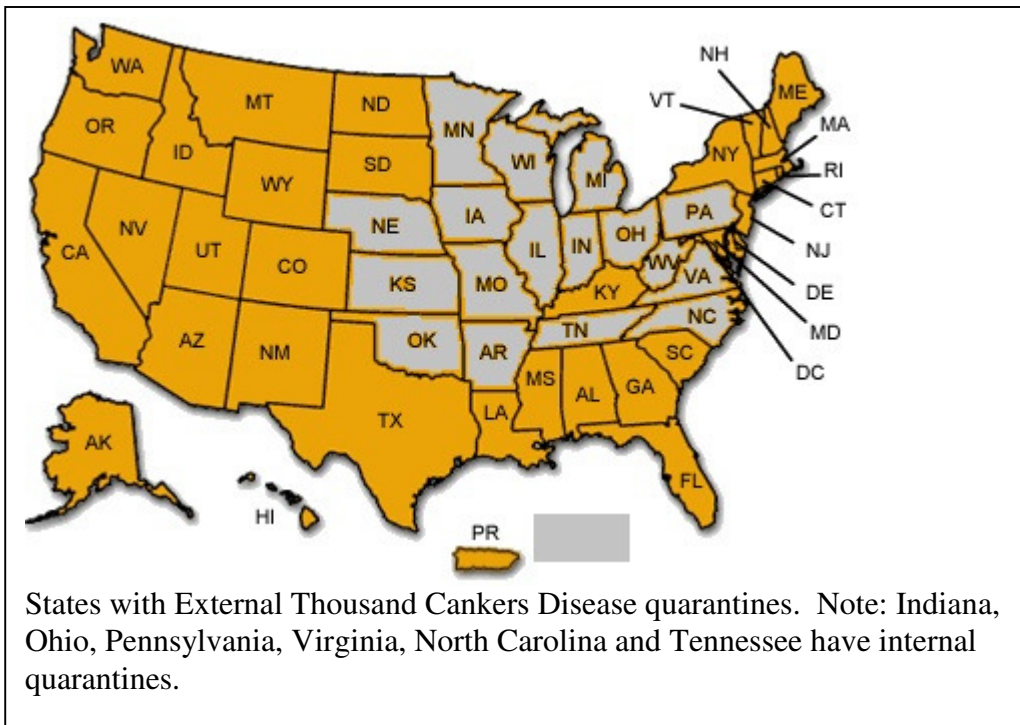
WI, Wisconsin importers need a compliance agreement with the WI dept. of Agriculture

If you have a request to move walnut logs or lumber to these states, please contact DEPP or your local [Indiana Compliance Officer](#).

State	Point of Contact	Phone	Email	Fax
Arkansas	Scott Bray	501-225-1598	Scott.Bray@aspb.ar.gov	501-225-3590
Illinois	Mark Cinnamon	815-787-5476	mark.cinnamon@illinois.gov	815-787-5488
Iowa	Robin Pruisner	515-725-1470	Robin.Pruisner@IowaAgriculture.gov	515-725-1471
Kansas	Jeff Vogel	785-862-2180	Jeff.Vogel@KDA.KS.GOV	785-862-2182
Kentucky	John Obrycki	859-257-5838	john.obrycki@uky.edu	859-257-3807
Michigan	Robin R. Rosenbaum	517-284-5646	rosenbaumr@michigan.gov	517-335-4540
Minnesota	Geir Friisoe	651-201-6174	geir.friisoe@state.mn.us	651-201-6108
Missouri	Collin Wamsley	573-751-5505	Collin.Wamsley@mda.mo.gov	573-522-1109
North Carolina	Phil Wilson	919-707-3753	Phil.Wilson@ncagr.gov	919-733-1041
Nebraska	Julie C. Van Meter	402-471-6847	Julie.vanmeter@nebraska.gov	402-471-6892
Ohio	Dan Kenny	614-728-6400	dkenny@agri.ohio.gov	614-728-6453
Oklahoma	Sancho M. Dickinson	405-522-5879	Sancho.dickinson@ag.ok.gov	405-522-4584
Pennsylvania	Dana Rhodes	717-772-5205	danrhodes@pa.gov	717-783-3275
Tennessee	Gray Haun	615-837-5338	Walker.Haun@tn.gov	615-837-5246
Virginia	Larry M. Nichols	804-786-3515	Larry.Nichols@vdacs.virginia.gov	804-371-7793
West Virginia	Eric Ewing	304-558-2212	eewing@wvda.us	304-558-2435
Wisconsin	Brian Kuhn	608-224-4590	brian.kuhn@wisconsin.gov	608-224-4656



- Western States quarantined for Thousand Cankers Disease
- Eastern States quarantined for Thousand Cankers Disease with both walnut twig beetle and the fungus *Geosmithia morbida*. (Includes Maryland)
- Eastern States quarantine for Thousand Cankers Disease – Walnut twig beetle NOT detected but the fungus *Geosmithia morbida* detected. Note: Indiana found a new insect carrier – a weevil, *Stenomimus pallidus*, and WTB in sawmill logs/trap. The fungus and WTB have NOT been detected in a walnut tree in Indiana.



States with External Thousand Cankers Disease quarantines. Note: Indiana, Ohio, Pennsylvania, Virginia, North Carolina and Tennessee have internal quarantines.