



Winter 2018 (Issue # 41)

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Mark McCall, Vice-Chairman, Domtar Paper Co.*
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Jason Wenrich, FORECON Inc.
Barrett Wiggins, Deer Park Lumber Co.

* Denotes SFI® Certified Program Participant

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Pennsylvania Sustainable Forestry Initiative® Implementation Committee (SIC)

NEWS

Spotted Lanternfly in Pennsylvania

On September 22, 2014, the Pennsylvania Department of Agriculture, in cooperation with the Pennsylvania Game Commission, confirmed the presence of spotted lanternfly (*Lycorma delicatula*, (WHITE)) in Berks County, Pennsylvania — the first detection of this non-native species in the United States. Spotted lanternfly is an invasive plant hopper native to China, India and Vietnam, and has been introduced in South Korea and Japan. In Korea, where it was first detected in 2004, spotted lanternfly is known to utilize more than 70 species, 25 of which also occur in Pennsylvania, including cultivated grapes, fruit trees, and hardwood species. In the U.S., spotted lanternfly has the potential to greatly impact the viticulture (grape), tree fruit, plant nursery and timber industries.



Both nymphs and adults of spotted lanternfly cause damage when they feed, sucking sap from stems and leaves. This can reduce photosynthesis, weaken the plant, and eventually contribute to the plant's death. It has been detected on many host plants, including apples, plums, cherries, peaches, nectarines, apricots, almonds, and pine. It also feeds on oak, walnut, poplar, and grapes. The insect will change hosts as it goes through its developmental stages. Nymphs feed on a wide range of plant species, while adults prefer to feed and lay eggs on tree of heaven (*A. altissima*). In Pennsylvania, adult spotted lanternflies have also been found feeding and egg laying on willow, maple, poplar, and sycamore, as well as on fruit trees, like plum, cherry and peach. Feeding can cause the plant to ooze or weep, resulting in a fermented odor, and the insects themselves excrete large amount of fluid (honeydew). These fluids promote mold growth and attract other insects. Infested trees can be covered with thousands of insects, multiplying the effects. Residents in heavily infested areas have reported substantial quality of life impacts like being swarmed by the bugs and having to constantly clean honeydew and sooty mold around their houses.

On November 1, 2014, after determining that the potential impact to Pennsylvania's agricultural economy and natural resources was great, the Pennsylvania Department of Agriculture issued a quarantine with the intent to restrict the movement of spotted lanternfly. That quarantine now includes 13 counties in southeast Pennsylvania (Berks, Bucks, Carbon, Chester, Delaware, Lancaster, Lebanon, Lehigh, Monroe, Montgomery, Northampton, Philadelphia and Schuylkill - as of February 20, 2018). The quarantine may be expanded to new areas as further detections of spotted lanternfly are detected and confirmed. The quarantine restricts the movement of any living stage of spotted lanternfly, including egg masses, nymphs, and adults. While the insect can only walk, jump, or fly short distances, its long-distance spread is facilitated by people who move infested material or items. Because female spotted lanternfly can lay eggs on virtually any outdoor surface in just 45 minutes, and because adults and nymphs can "hitchhike" on objects or materials transported out of the quarantine zone, the quarantine order also restricts the movement of brush, bark, logs, firewood or any tree parts, as well as virtually anything stored outside such as lumber, tarps, equipment, trucks and vehicles. The PDA has the authority to fine anyone who willfully violates the quarantine order. Violations could result in criminal or civil penalties and/or fines (up to \$20,000 per incident).

While previous quarantines for Emerald Ash Borer allowed movement of forest products within the quarantine zone, this quarantine is different.

(Continued on next page)

Sustainable Forestry Initiative® (SFI®) Program

SFI Inc. (www.sfiprogram.org) is an independent non-profit organization that is solely responsible for the internationally recognized Sustainable Forestry Initiative (SFI) Program. The program promotes sustainable forest management, improved forestry practices, and responsible purchasing of forest products through its forest certification standard.

SFI is the largest single forest certification standard in the world, with more than 300 million acres certified. At the heart of the SFI Program are SFI Implementation Committees (SICs). The Pennsylvania SIC is one of 34 spread across North America that responds to local needs and issues through the SFI Program at the local level. This grassroots network is unique to the SFI Program.

Since 1995, the Pennsylvania SIC's active presence on the ground has resulted in significant contributions to individual communities through activities such as training loggers and sponsoring outreach to landowners on responsible forest management.

Learn more at www.sfiopa.org

SFI® Program Participants Supporting the PA SIC

These companies participate in the SFI® Program and are certified to be in conformance with the SFI Standard. They provide direct involvement and financial support to the PA SFI® Implementation Committee (SIC).

Domtar Paper Co., LLC

Forest Investment Associates

Georgia-Pacific, LLC

Glatfelter

GreenWood Resources, Inc.

Hancock Forest Management

The Molpus Woodlands Group, LLC

Verso Corporation

Weaver, Inc.

Weyerhaeuser Co.

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CONTINUED FROM COVER STORY

In areas where there are large populations of spotted lanternfly, it is possible that logging and/or processing lumber could be stopped during major infestation periods. The industry could be severely impacted if neighboring states and other nations restrict movement of products from Pennsylvania.

Every landowner, logger, forester, and primary and secondary mill should be extremely vigilant to make sure that they, their work and/or facility does not move spotted lanternfly. Anyone operating within or near the quarantine are required to take extreme measures to assure they are not moving egg masses or various life stages of spotted lanternfly. Detection is vital to the effective control of this pest and everyone should learn to identify the seasonal life stages of spotted lanternfly.

In Pennsylvania, the Spotted Lanternfly overwinters in egg masses laid on smooth bark, stone, and other vertical surfaces. The first of four immature stages, or instars, begin emerging from the egg masses in mid-May, with a few individuals that had molted to second instar nymphs by the end of May. As it grows, the Spotted Lanternfly develops red patches in addition to the white spots. Nymphs spread from the initial site by crawling or jumping up any woody or non-woody plant it comes across to feed. Adults can be seen as early as the middle of July and take on a much different appearance. In Korea, the Spotted Lanternfly is known to gradually prefer Tree-of-Heaven (*Ailanthus altissima*) as their primary food source, mating and egg-laying location as it nears the adult stage. However, Tree of Heaven is not the only tree or surface the Spotted Lanternfly will lay eggs upon – any smooth trunked tree, stone or vertical smooth surface can provide a potential host for egg masses. Manmade items like vehicles, campers, yard furniture, logging equipment or any other items stored outside are suitable sites for egg laying. Egg laying begins in late September and continues through late November or early December.

ADULTS (July - December)

Adults are approximately 1 inch long and 0.5 inches wide, and they have visibly striking wings with black spots at the front and a speckled band at the rear. Their abdomen is yellow with black bars. Adults tend to focus their feeding on tree of heaven and grapevine.



EGGS (October - June)

Egg masses are yellowish-brown in color covered with a gray, waxy coating prior to hatching. Eggs are laid several vertical rows, side-by-side. The egg masses resemble 1 inch long gray mud smears. Spotted lanternfly often lays its eggs on the underside of branches.



HATCH: 1st - 3rd Instar (May - July)

Nymphs in their early stages of development are wingless and appear black with white spots. In this stage they somewhat resemble ticks. Eggs hatch in the spring and early summer, and nymphs begin feeding on a wide range of host plants.



HATCH: 4th Instar (July - September)

Older nymphs develop red patches in addition to the white spots. Next, it has red wing pads and a red upper body, before assuming the adult look of black head and grayish wings with black spots. Nymphs cannot fly, so they hop or crawl to search for plants to feed on.



Forest product companies within and outside the current quarantine area are strongly encouraged to enact procedures that will slow the spread of this insect, and protect your business from becoming a conduit for spotted lanternfly. The most current quarantine information can be found at: www.agriculture.pa.gov/spottedlanternfly

All members of Pennsylvania's forest products industry are strongly encouraged to voluntarily comply with recommended best practices, within and outside the quarantine areas. (next page)

PA SFI® Implementation Committee Partners

SIC Partners are not SFI certified, but help to promote sustainable forestry practices throughout Pennsylvania and pledge a contribution annually to the Pennsylvania SIC based on mill production from PA forest resources.

Brojack Lumber Co.
C & C Smith Lumber Co., Inc.
Deer Park Lumber, Inc.
Dwight Lewis Lumber Company, Inc.
Heacock Lumber Company
JM Wood Products LLC
Kern Brothers Lumber Company
Kort Forestry
Lapp Lumber Co.
Lee Brothers Lumber Company
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Matson Lumber Company
Mick Brothers Lumber, Inc.
Mt. Airy Lumber Co.
Ordie Price's Sawmill, Inc.
Patterson Lumber Company, Inc.
Pine Creek Lumber Co.
RAM Forest Products, Inc.
Renno Brothers Lumber Co.
Salem Hardwood, Inc.
Superior Lumber, Inc.
Trumco Forest Products
Wheeland Lumber

PA SFI® Implementation Committee Supporters

SIC Supporters are not SFI certified, but help to promote sustainable forestry practices and pledge meaningful contributions to the Pennsylvania SIC.

Appvion, Inc.
Bingaman & Son Lumber Co., Inc.
Blue Ox Timber Resources, Inc.
Brownlee Lumber, Inc.
Charles Brown Forestry Consulting
Cochran & Zandi Lumber, LLC
Cowan Lumber
Cummings Lumber Co, Inc.
Frey Pallet Corporation
Greene Team Pellet Fuel Company, LLC
Horizon Wood Products, Inc.
Metzler Forest Products, LLC
P & S Lumber Company
RJ Hoffman & Sons, Inc.
Rorabaugh Lumber Company
Soap Stone Sawmill
St. Marys Lumber Co., Inc.
Sylvandale Forestry
W.J. Cox Associates

Recommended Best Practices for Pennsylvania's Forest Products Industry Related to Spotted Lanternfly

It is important to take spotted lanternfly seriously and have all employees trained to identify spotted lanternfly egg masses, nymphs (or instars) and adults. Everyone should know how to remove egg masses and understand procedures to minimize movement of the insect. A full listing of industry best practices for landowners, foresters, loggers, truckers, and primary or secondary processors are available at <https://goo.gl/4H9g5L>

FOREST LANDOWNERS

- Monitor information about SLF in your county and neighboring counties, especially if your property is in the quarantine area (www.agriculture.pa.gov/spottedlanternfly)
- Learn to identify SLF and egg masses and watch for potential egg masses on smooth bark trees, rusty metal, outdoor furniture and covers, recreational vehicles, lawn tractor and mowers, mower decks, grills and covers, tarps, mobile homes, tile, stone, siding, pool liners and covers, play equipment, deck boards, or anything stored outside, etc. If found, remove all egg masses if possible.
- If you are in a quarantine county, do not move firewood off your property unless you check each piece of firewood for egg masses. Do not move firewood (or anything) from properties with active high populations. The risk of moving adults is too great.
- Remove female Ailanthus trees from your property. This is easy to identify in the late summer when the seed clusters can be easily seen clinging to the female trees. These trees are generally located along the tree line of forested areas or highway right of ways where the soil has been disturbed.
- Monitor male Ailanthus trees for early signs of SLF. Treatment information for herbicide and insecticide applications may be found on the Pennsylvania Department of Agriculture's website (see first bullet point).
- You may want to band Ailanthus trees or other high risk trees (maple, walnut, apple) with adhesive tree bands – May to August. This will also help in identifying if SLF is present, and can kill all walking life stages in infested areas.
- Park vehicles in areas away from the tree line if possible and always leave windows up. Kill any SLF that you find in your car before leaving the area.

FORESTERS

- Monitor information about SLF in your work areas, especially if your clients are in the quarantine zone.
- Learn to identify SLF and egg masses and watch for them when doing initial surveys of properties.
- If Ailanthus is on the property, monitor current conditions and note if SLF is present.
- Recommend the removal of the female Ailanthus trees.
- If SLF or egg masses are identified, and the county is not currently quarantined, consider yourself a mandatory reporter to the PA Department of Agriculture.
- Inform property owners of the presence of SLF and suggest options to minimize the spread of SLF, as well as options to eradicate SLF on the property. Refer them to www.agriculture.pa.gov/spottedlanternfly for treatment protocols.
- Always be prepared by carrying egg mass scrapers (the size of a credit card) and train all staff to identify and destroy egg masses during the months of October – April.
- Be vigilant for signs of SLF on Ailanthus, walnut, maple, and apple trees. Egg masses are also likely to be on young black birch and young black cherry. SLF will also be mostly likely on maple, poplar, ash and others.
- Monitor forest for signs of SLF in or near orchards, vineyards, or near fields where hops are grown.
- If SLF is found, then recommend harvesting during December to March when egg masses can be clearly identified and removed from every log. All sides of the log must be examined and may not move out of the quarantine zone without proper certification from PA Department of Agriculture.
- Park in areas away from the tree line if possible and always leave windows up. Kill any SLF that you find in your car before leaving the area.

LOGGERS

- Before bidding on properties survey for signs of SLF. If found, determine what level engagement you will support to be sure that you do not move SLF.
- Compliance agreements are required for all forest product companies working in a quarantine zone.
- You must notify the Department of Agriculture Regional Bureau of Plant Industry Supervisor four weeks in advance regarding any harvest in the quarantine zone.
- Compliance forms must be signed by your company and all actions in the compliance agreement must be followed. Make sure the paperwork has the proper stamp and is present on site and with those transporting the logs.
- If the forest land has high populations of SLF then do not harvest during July – November when SLF adults are active.
- If egg masses are found on the property, every log must be inspected prior to moving the log off the property. Every log should also be inspected on all four sides at the receiving log yard as a secondary defense. If found, the egg masses must be manually destroyed. Do not assume the log debarkers will kill all egg masses. If egg masses are moved to sawmills, the potential that the sawmill will become infested in subsequent summers is high and could significantly impact the sawmill economically.
- Follow BMP's for foresters in addition to BMP for Loggers.
- Offer to remove or cut all female Ailanthus trees on the property.
- During the months of July-December, equipment and vehicles must be monitored for adults which might fall into crevices and move out of the area. Look before you leave. This is imperative action before moving to a new site.
- Windows of vehicles should remain closed while parked in the quarantine zones.



Pennsylvania SFI® Implementation Committee
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The Sustainable Forestry Initiative is a service of SFI, Inc.

PA SFI Professional Timber Harvester Training Program

The Pennsylvania SFI Professional Timber Harvester Training Program is geared towards commercial timber harvesters; however, it is open to any individual interested in participating. Courses are offered in the spring (mid-March through mid-May) and the fall (mid-September through mid-November) at locations across Pennsylvania each year.

Learn more:

www.sfiopa.org/requirements

Register for classes:

www.sfiopa.org/register

Find SFI Qualified Logging Professionals or review your training records:

www.sfiopa.org/search



Facebook.com/PennsylvaniaSIC

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Pennsylvania Sustainable Forestry Initiative® Implementation Committee (SIC)

NEWS

New E&S Plan Template Being Developed

In May of 2017, DEP advised county conservation districts to discontinue the use of the *Timber Harvesting Operations Field Guide for Waterways, Wetlands and Erosion Control* as well as *Controlling Erosion and Sediment from Timber Harvesting Operations* (what is commonly referred to as the Timber Harvesting Action Packet), because the content was out date and the Department had no plans to update them. This was concerning to the timber harvesting industry as it affected the Erosion and Sedimentation Control Plans that are widely used to comply with Pennsylvania's environmental regulations on nearly all timber harvests in the state. It also created confusion and inconsistencies among conservation districts.

Pennsylvania SIC staff have been working with representatives of industry, county conservation districts, and state government to quickly review and update the plan. It is our hope that DEP will approve the updated plan for use early this spring. Once approved, training on the

revisions will be incorporated into our training schedule. Interested individuals should keep an eye out for BMP related trainings on the Pennsylvania SFI training calendar for the latest info.

Pennsylvania DCNR Bureau of Forestry Seeks SFI Certification in 2018

The Pennsylvania Department of Conservation and Natural Resources (DCNR) Bureau of Forestry has announced that it will seek to certify state forestlands under the Sustainable Forestry Initiative in 2018. Assistant State Forester, Jason Albright commented "Pennsylvania's state forest system has been third-party certified since 1998. This year, the Bureau of Forestry is pursuing dual certification through SFI along with maintaining its existing Forest Stewardship Council (FSC) certificate. SFI certification will enhance the recognition and support of the Bureaus' many partners and stakeholders involved with SFI, and help expand opportunities for certified wood products markets in Pennsylvania."



Pennsylvania Sustainable Forestry Initiative®

Implementation Committee

Professional Timber Harvester Training Program

2018 Spring Training Schedule

SAVE TIME, REGISTER ONLINE AT: www.sfiopa.org/register

*To avoid course cancellations, pre-registration and payment for all classes is required by the registration deadline.
Registration is on a first-come, first-served basis*

CORE TRAINING

Individuals must complete *Professional Timber Harvesting Essentials*, *Game of Logging - Level 1*, and provide proof of current *First Aid & CPR* certification within a 2-year period to receive a PA SFI® Professional Timber Harvester Training Card. Refer to the Training Program Policy for complete details on training requirements at: www.sfiopa.org/requirements.

- *Professional Timber Harvesting Essentials and Basic First Aid & Adult CPR do NOT qualify for continuing education credit*
- *If you have not taken *Game of Logging - Level 1* in the last 5 years, you can attend GOL-1 for CE Credit*

Course Date	Time	Course Name (Course Descriptions on Registration form)	Location	Cost ✦	Register By
03/28/18	Wed 8:00 AM	Professional Timber Harvesting Essentials (8 hours)	Spring Grove (York County)	\$ 85.00	03/21/2018
04/02/18	Mon 7:30 AM	Game of Logging – Level 1 (8 hours)	Laughlontown (Westmoreland Cty)	\$ 95.00	03/26/2018
04/04/18	Wed 8:00 AM	Professional Timber Harvesting Essentials (8 hours)	Laughlontown (Westmoreland Cty)	\$ 85.00	03/28/2018
04/05/18	Thurs 7:30 AM	Game of Logging – Level 1 (8 hours)	Brickerville (Lancaster County)	\$ 95.00	03/29/2018
04/11/18	Wed 8:00 AM	Professional Timber Harvesting Essentials (8 hours)	Laurelton (Union County)	\$ 85.00	04/04/2018
04/11/18	Wed 9:00 AM	Basic First Aid and Adult CPR (4 hours)	Smethport (McKean County)	\$ 50.00	04/04/2018
04/17/18	Tues 7:30 AM	Game of Logging – Level 1 (8 hours)	Penfield (Clearfield County)	\$ 95.00	04/10/2018
04/18/18	Wed 8:00 AM	Professional Timber Harvesting Essentials (8 hours)	Penfield Clearfield County)	\$ 85.00	04/11/2018
04/20/18	Fri 7:30 AM	Game of Logging – Level 1 (8 hours)	Howard (Centre County)	\$ 95.00	04/13/2018
04/30/18	Mon 7:30 AM	Game of Logging – Level 1 (8 hours)	Hills Grove (Sullivan County)	\$ 95.00	04/23/2018
05/02/18	Wed 8:00 AM	Professional Timber Harvesting Essentials (8 hours)	Smethport (McKean County)	\$ 85.00	04/25/2018
05/08/18	Tues 7:30 AM	Game of Logging – Level 1 (8 hours)	Tidioute (Warren County)	\$ 95.00	05/01/2018
05/16/18	Wed 8:00 AM	Professional Timber Harvesting Essentials (8 hours)	Swiftwater (Monroe County)	\$ 85.00	05/09/2018
05/22/18	Tues 7:30 AM	Game of Logging – Level 1 (8 hours)	James Creek (Huntingdon County)	\$ 95.00	05/15/2018
05/23/18	Wed 8:00 AM	Professional Timber Harvesting Essentials (8 hours)	Huntingdon (Huntingdon County)	\$ 85.00	05/16/2018

- ✦ Employees insured through Eastern Forestry Insurance Group can have the registration fee for Game of Logging classes paid by WJ Cox Insurance. Please submit proof of insurance with your registration form.
- ✦ Northern Tier Hardwood Association Members can apply for a 50% reimbursement of registration costs after completing courses. Contact NTHA at (570) 265-7753.

CONTINUING EDUCATION TRAINING

One (1) year of CE credit is given for each four (4) hours of training completed. Refer to the Training Program Policy for complete details on training requirements at: www.sfiopa.org/requirements.

Course Date	Time	Course Name (Course Descriptions on Registration form)	Location	Cost ✦	Register By
03/29/18	Thurs 10:00 AM	Pennsylvania Wildlife (4 hours)	Howard (Center County)	\$ 30.00	03/22/2018
04/03/18	Tues 2:00 PM	50 th Annual Loggers & Saw Millers Safety Meeting (4 hours)	Johnsonburg (Elk County)	\$ 20.00	03/27/2018
04/10/18	Tues 8:00 AM	Estimating Standing Timber (8 hours)	Marienville (Forest County)	\$ 50.00	04/03/2018
04/10/18	Tues 8:00 AM	Forest Health Update (4 hours)	McConnellsburg (Fulton County)	\$ 30.00	04/03/2018
04/19/18	Thurs 8:00 AM	Erosion and Sedimentation Control in our Forests (4 hours)	Brookville (Jefferson County)	• COST IS \$10/PERSON. REGISTER WITH JEFFERSON COUNTY CONSERVATION DISTRICT BY April 12 (814-849-7463). ADDITIONAL \$20 FOR PA SFI CE CREDITS.	
04/20/18	Fri 8:00 AM	Business Management for Timber Harvesters (8 hours)	Honesdale (Wayne County)	\$ 30.00	04/13/2018
04/24/18	Tues 8:00 AM	Erosion Control in Our Forests (8 hours)	Emporium (Cameron County)	• COST IS \$15/PERSON. REGISTER WITH CAMERON COUNTY CONSERVATION DISTRICT BY April 17 (814-486-2244). ADDITIONAL \$20 FOR PA SFI CE CREDITS.	
04/24/18	Tues 7:30 AM	Game of Logging – Level 2 (8 hours)	Blain (Perry County)	\$ 95.00	04/17/2018
04/25/18	Wed 7:30 AM	Game of Logging – Level 3 (8 hours)	Blain (Perry County)	\$ 95.00	04/18/2018
04/26/18	Thurs 8:00 AM	GPS for Timber Harvesters (8 hours)	Laporte (Sullivan County)	\$ 50.00	04/19/2018
05/10/18	Thurs 7:30 AM	Game of Logging – Level 2 (8 hours)	Bigler (Clearfield County)	\$ 95.00	05/03/2018
05/11/18	Fri 7:30 AM	Game of Logging – Level 3 (8 hours)	Bigler (Clearfield County)	\$ 95.00	05/04/2018
05/12/18	Sat 8:00 AM	Hydraulics System Safety & Maintenance (8 hours)	Montgomery (Lycoming County)	\$ 75.00	05/05/2018
05/20/18	Sun 8:00 AM	Advanced Logger Rescue (8 hours)	Smethport (McKean County)	• COST IS FREE. PRE-REGISTRATION IS MANDATORY. REQUEST REGISTRATION FROM PA STATE FIRE ACADEMY AT: gbimle@pa.gov or (717) 247-3752 BY 04/15. ADDITIONAL \$20 FOR PA SFI CE CREDITS.	
05/21/18	Mon 12:00 PM	PA Species of Greatest Conservation Need (8 hours)	Laughlontown (Westmoreland Cty)	\$ 30.00	05/14/2018
06/06/18	Wed 8:00 AM	Sustainable Timber Harvesting (8 hours)	Galeton (Potter County)	\$ 30.00	05/30/2018
06/30/18	Sat 8:00 AM	Hydraulics System Safety & Maintenance (8 hours)	York (York County)	\$ 75.00	06/23/2018

- ✦ Employees insured through Eastern Forestry Insurance Group can have the registration fee for Game of Logging classes paid by WJ Cox Insurance. Please submit proof of insurance with your registration form.
- ✦ Northern Tier Hardwood Association Members can apply for a 50% reimbursement of registration costs after completing courses. Contact NTHA at 570-265-7753.

OTHER CONTINUING EDUCATION TRAINING

Additional training opportunities are available through numerous organizations across Pennsylvania and adjoining states. Training courses taken from other sources may qualify for PA SFI core or continuing education credit, provided the subject of the course is relevant to the SFI program, and if some legitimate form of documentation is provided to the PA SIC office for proof of content and attendance. Outside credits are subject to all Pennsylvania SFI Professional Timber Harvester Training Program Policy requirements. To submit Non-PA SFI training credits please fill out a copy of the Non-PA SFI Course Credit Form (available on our website under "Forms" section or by contacting the PA SIC office) and send it to the PA SIC office with all necessary paperwork and a check for \$20 made payable to the "PA SFI Implementation Committee" for administrative costs. Refer to the Training Program Policy for complete details on training requirements.

The PA SIC maintains a listing of all pre-approved Non-PA SFI CE training courses that we have been made aware of. It can be found on our website: <http://sfiopa.blogspot.com>

Visit www.sfiopa.org/register for additional details and the most current training schedule. Programs may be added or cancelled at any time.
For additional information, please contact the PA SFI® Implementation Committee at: (814) 230-2866, or mark@sfiopa.org

Pennsylvania Sustainable Forestry Initiative®

Implementation Committee

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Pennsylvania Sustainable Forestry Initiative® Implementation Committee

Professional Timber Harvester Training program

2018 Spring Course Registration Form

SAVE TIME, REGISTER ONLINE AT: www.sfiopa.org/register

- Registration fees are **non-refundable and non-transferrable** after the course registration deadline if the course is held and you do not attend.
- Registration is on a first come, first served basis. Your space in a course will not be reserved until the registration fee is paid. Please do not delay in making payment or your space could be given to another participant.
- Courses may be cancelled if a minimum number of students are not registered by the registration deadline. Please register on time.
- For a full description of the Training Program Policies, please visit www.sfiopa.org/requirements or contact the PA SIC® office.

ATTENDEE	COURSE DATE	COURSE NAME	COURSE LOCATION	COST
(Please Print Clearly / One Course Participant Per Form)				
Name: (Full First, Middle Initial, Last)				
Home Mailing Address:				
Home or Cell Phone: () - 				
Email:				
Occupation (circle one): • Forester • Logger-owner • Logger-employee • Landowner • Office personnel • Truck driver • Other _____		Make checks payable to: "Pennsylvania SIC" Mail to: PA SFI Implementation Committee 748 Gravel Point Road Howard, PA 16841		Total Amount Enclosed:
Class location and additional information will be sent to you when we receive your registration and payment				

2018 COURSE DESCRIPTIONS

CORE TRAINING:

Required to receive a PA SFI® Professional Timber Harvester Training Card. All 3 requirements must be completed in any order within 2 years.

- **Professional Timber Harvesting Essentials (8 hours)** - Covers general safety considerations, chainsaw safety, logging equipment safety (harvesters, loaders, skidders, etc.), trucking safety and Occupational Safety and Health Administration (OSHA) Standards that apply to timber harvesting and related activities. Also covers pertinent aspects of Pennsylvania's Clean Streams laws and other water resource protection regulations, Best Management Practices (BMPs), hazardous material control, and logging aesthetics. **DOES NOT COUNT FOR CONTINUING EDUCATION CREDIT.**
- **Game of Logging – Level 1 (8 hours)** - Focuses on introducing the participant to the "open face" felling technique and the development of skills to safely use it. Topics covered include personal protective equipment, chainsaw safety features, chainsaw reactive forces, bore cutting, pre-planning the fell, and understanding hinge wood strength. Participants need safety equipment (hard hat, chaps, eye protection, ear protection, and sturdy boots), water, lunch, and should be prepared to spend the day outside (rain or shine). Participants are not required to provide their own chainsaw. **If you have not taken Game of Logging – Level 1 within the last five (5) years, you can attend GOL-1 for continuing education credit.**
- **First Aid & CPR (4 hours)** - Because timber harvesting is a hazardous occupation, OSHA regulations require that everyone who works in the woods maintain current First Aid & CPR training from a provider who can issue a certificate or a card as documentation of hands on training (i.e. no online certifications will be accepted). Individuals do not need to complete this training through the PA SFI Professional Timber Harvester Training Program; however, they must provide proof of First Aid & CPR certification to receive their initial training card (we cannot accept the MSHA 5000-23 form as satisfaction of this requirement). **DOES NOT COUNT FOR CE CREDIT.**

CONTINUING EDUCATION (CE):

One (1) year of CE credit is given for each four (4) hours of CE training completed. CE credits can only extend your card date a maximum of three (3) years from the current calendar year. CE credit will not be awarded for taking the same class more than once in a five (5) year period.

- **50th Annual Loggers and Saw Millers Spring Safety Meeting (4 hours)** - Come be part of the oldest logging safety meeting in the United States! Bruce Vincent, nationally recognized speaker and author, 3rd generation Montana Logger, and Montana Timberman of the Year, will be presenting "How NOT to be the Career of last Choice." The meeting, which includes a free dinner, will include a number of additional safety speakers and updates. **To receive continuing education credit, participants must attend both the SFI update class and the annual safety meeting that follows.**
- **Advanced Logger Rescue (8 hours)** - Geared to prepare firefighters, EMS personnel, foresters, and loggers in taking action to reduce severity of injury and increase the chance of survival during a logging accident, this program teaches all participants how to handle an "in woods" rescue from the time a person has not arrived home until they are transported to a Level-1 Trauma Center.
- **Business Management for Timber Harvesters (8 hours)** - Profitability of a timber harvesting businesses is key to long term viability and implementing sustainable management practices. Participants are introduced to business plans, documents used for financial analysis, key people, sources of assistance, employee management, and other components of running a successful business. This is a great class for new loggers starting their own business or established loggers looking for a refresher.
- **Erosion Control in Our Forests (8 hours)** - This workshop combines indoor and outdoor instruction time to discuss Pennsylvania's environmental regulatory requirements (chapters 93, 102, & 105 of PA Code). It discusses planning before the harvest, stream crossings, best management practices, reading E&S plans, and other considerations during and after the timber harvest. **Note that the class on 04/19 in Jefferson County is only a 4 hour update version.**
- **Estimating Standing Timber (8 hours)** - This course helps to avoid those errors in volume estimates that can spell disaster when the harvest is conducted. The tools and correct methods for measuring and estimating volume (how many board feet or tons of wood) trees contain prior to harvest is thoroughly covered. Instruction is also given for basic sampling techniques. This training involves both classroom and field exercises.
- **Forest Health Update (4 hours)** - This course will provide timber harvesters with an update on the issues and controls for invasives, forest disease and pests, and deer impacts. There will also be information related to the Spotted Lanternfly as well. Topics will be presented by experts from Penn State Extension and the PA Bureau of Forestry
- **Game of Logging (8 hours, each Level)** - These courses cover chainsaw safety and safe/efficient harvesting techniques. **They MUST be taken in order. Level 1** (see description under Core Training section). **Level 2** focuses on saw maintenance, chain sharpening techniques, releasing spring poles safely, and directional tree felling. **Level 3** focuses on handling difficult trees. Topics covered include limbing, wedging techniques and hinge placement.
- **GPS for Timber Harvesters (8 hours)** - Participants learn the fundamentals of the Global Positioning System (GPS) and its application to forest management. This course teaches how an inexpensive, recreational GPS unit and a personal computer can be used to determine tract acreage and boundary length, skid trail/haul road layout, distance and grade, mapping special features, and navigating tracts in unfamiliar areas.
- **Hydraulic Systems Safety & Maintenance (8 hours)** - This hands-on course will introduce participants to the theory of hydraulic operation, nomenclature and function of associated components, safety practices, general maintenance, and diagnostic troubleshooting of hydraulic systems.
- **Pennsylvania Wildlife (8 hours)** - a comprehensive four hour course on common wild birds and mammals found in Pennsylvania with a specific emphasis on the habitat needs of white-tailed deer, black bears and wild turkeys. Included will be segments on identifying wildlife foods, tracks, other sign and calls. The legacy of Pennsylvania's premier wildlife artist, the late Ned Smith, will also be covered.
- **PA Wildlife Species of Greatest Conservation Need (4 hours)** - A comprehensive course on wildlife species that are at risk for a variety of reasons. Causes for population declines and restoration efforts for several species will be highlighted. Up-to-date information on the status of state and federal threatened endangered species and potential impacts on timber harvesting will be included.
- **Sustainable Timber Harvesting (8 hours)** - How do you know that a timber harvest is "sustainable"? What are the consequences of high-grading and diameter limit cuts? This course covers the elements of sustainable harvesting practices and how to assess a stand. It focuses on the forest that remains as a result of the harvest.

Pennsylvania Sustainable Forestry Initiative®
Implementation Committee

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