

# Sterilization Requirements for Solid Wood Packing Material-Export Shipments



## What Products Need Sterilized?

Solid coniferous and non-coniferous raw wood parts in packaging such as pallets, crating, packing blocks, drums, cases, load boards, pallet collars, skids, and dunnage.

## What Products are Exempt from Sterilization?

Packaging made out of plywood, particle board, oriented strand board, veneer, plastic or fiberglass products.

Why Does Solid Wood Packaging  
Need to be Sterilized?

To Stop the Spread of Pests That  
Infect Live Trees and Plants.

# Pinewood Nematode

- A microscopic roundworm that infects conifers, especially pines and is found in Canada, Mexico, Japan, China, Taiwan, Korea, and Portugal.



# Asian Long-Horned Beetle



# Removal of Infested Trees-Ravenswood, Illinois Because of Asian Long-Horned Beetle



**Before**



**After**

# EMERALD ASH BORER





- Home •
- FAQ •
- About EAB •
- Reporting EAB •
- Quarantines and Regulations •
- EAB Infested Trees •
- Where is EAB? •
- Publications/ Resources •
- Information for Homeowners •
- Replanting •
- Research •
- Links •

#### MAPS & STATE INFO



[CLICK MAP FOR INFO](#)

## *When You Travel, Please Remember: DON'T MOVE FIREWOOD!*

**This Web site is part of a multistate effort in Michigan, Ohio and Indiana to bring you the latest information about emerald ash borer.**

### **Emerald Ash Borer**

Emerald ash borer (EAB), *Agrilus planipennis* Fairmaire, is an exotic beetle that was discovered in southeastern Michigan near Detroit in the summer of 2002. The adult beetles nibble on ash foliage but cause little damage. The larvae (the immature stage) feed on the inner bark of ash trees, disrupting the tree's ability to transport water and nutrients. Emerald ash borer probably arrived in the United States on solid wood packing material carried in cargo ships or airplanes originating in its native Asia. Emerald ash borer is also established in Windsor, Ontario, was found in Ohio in 2003 and northern Indiana in 2004. Since its discovery, EAB has:

- Killed at least 8 million to 10 million ash trees in Michigan, Ohio and Indiana. Most of the devastation is in southeastern Michigan.
- Caused regulatory agencies to enforce quarantines ([Ohio](#), [Indiana](#), [Michigan](#)) and fines to prevent potentially infested ash trees, logs or firewood from moving out of areas where EAB occurs.

#### LATEST NEWS

[WORKING TO I.D. FOES OF EMERALD ASH BORER](#)  
February 2005



# Cooperative Emerald Ash Borer Project

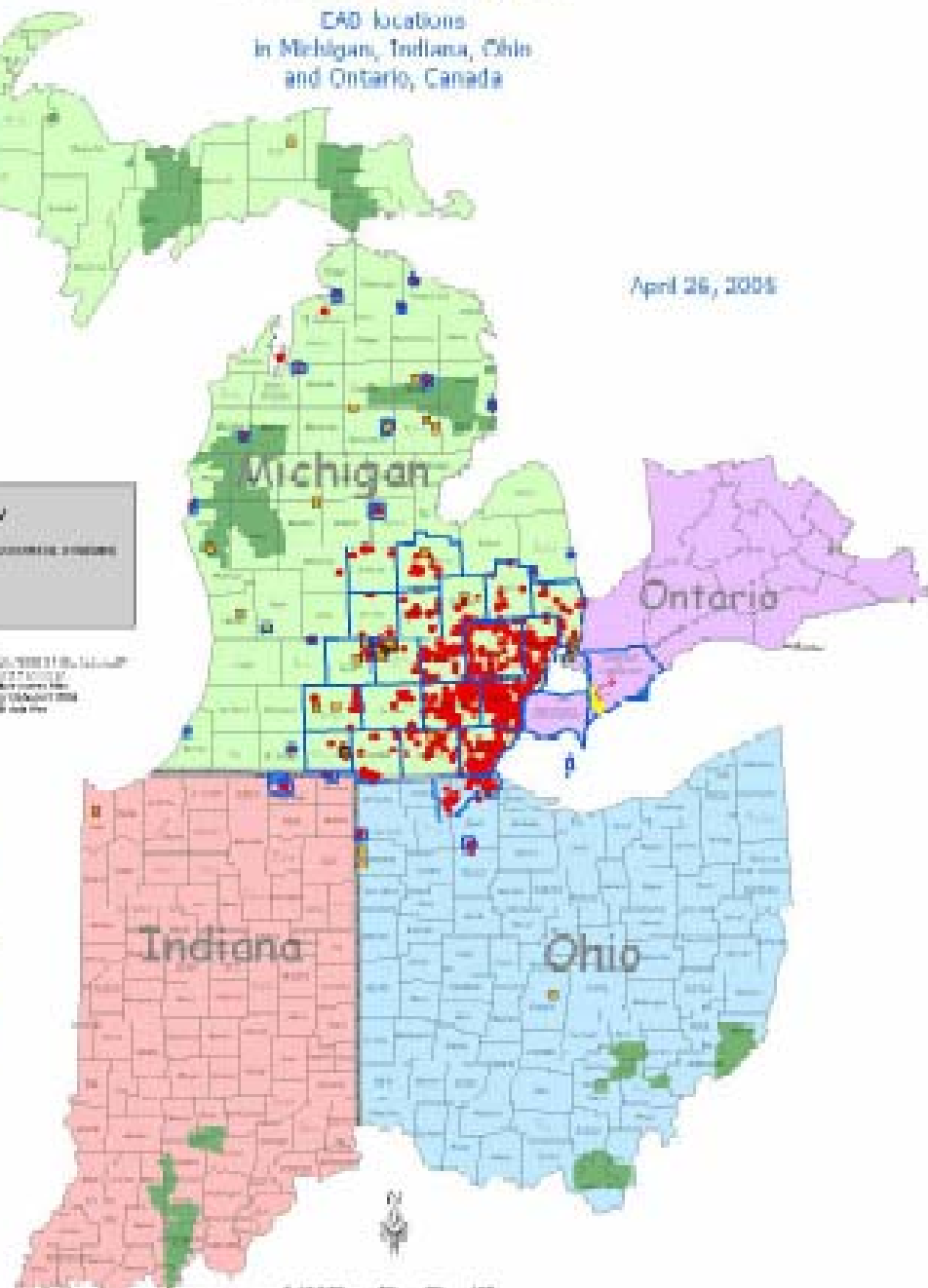
EAB locations  
in Michigan, Indiana, Ohio  
and Ontario, Canada

April 26, 2008

**KEY**

- EAB locations
- EAB locations in Michigan, Indiana, Ohio, and Ontario, Canada
- EAB locations in Michigan, Indiana, Ohio, and Ontario, Canada
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Michigan Department of Natural Resources  
Division of Forest Management  
1000 West Grand Haven Avenue  
Lansing, Michigan 48906  
Tel: 517.335.3300



# What Are The Approved Treatment Methods?

## Heat-Treatment:

Thickest solid wood piece in packaging must meet minimum wood core temperature of 56 degrees centigrade for a minimum of 30 minutes.

## Fumigation:

Methyl Bromide

Only Two Treatment Methods Currently Approved

*Publication No. 15  
March 2002*

**INTERNATIONAL STANDARDS FOR  
PHYTOSANITARY MEASURES**

**GUIDELINES FOR REGULATING  
WOOD PACKAGING MATERIAL  
IN INTERNATIONAL TRADE**



Secretariat of the International Plant Protection Convention  
Food and Agriculture Organization of the United Nations  
Rome, 2002

Companies must sign contracts with accredited agency

Companies must create Process Manual that documents program activity

Companies must undergo physical audits

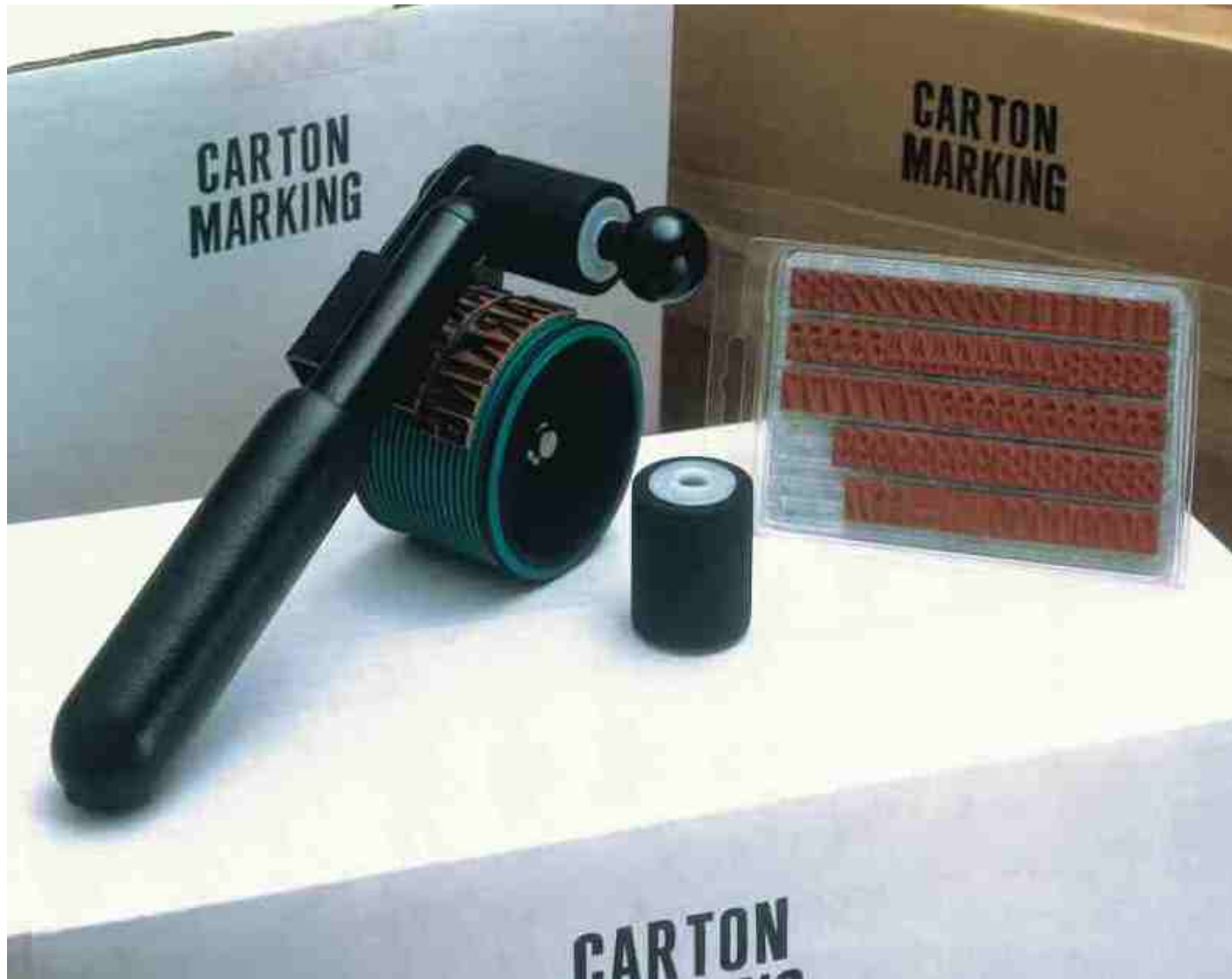
Companies must keep running log of activity



**HAND  
STAMPING**



## SELF INKERS



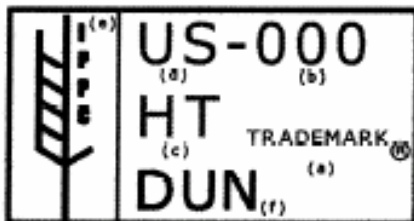
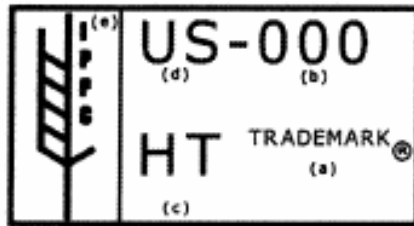
**ROLL PRINTER**

# ACCREDITED AGENCIES FOR SUPERVISORY AND LOT INSPECTION OF WOOD PACKAGING MATERIAL MAY 2005

*(this list supercedes all previous lists)*

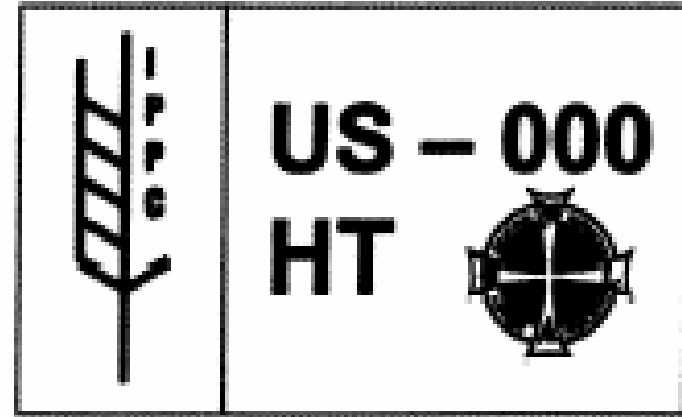
Agencies accredited by the Board of Review of the American Lumber Standard Committee, Incorporated and typical quality marks.

## Interpreting a Quality Mark

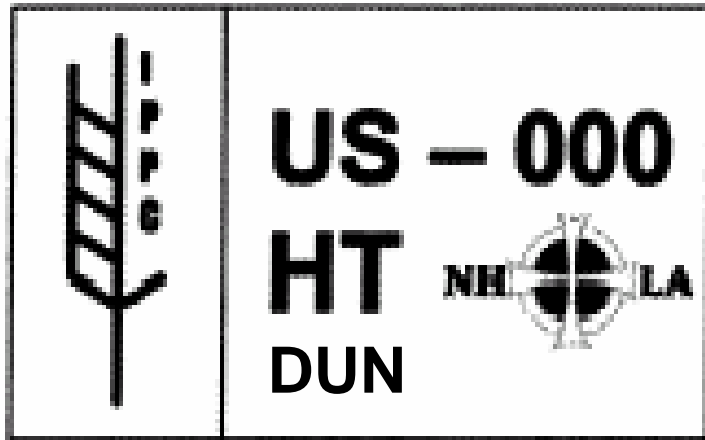


- a. *Trademark* – the identifying symbol, logo, or name of the accredited agency
- b. *Facility Identification* – product manufacturer name, brand or assigned facility number
- c. *Heat Treated* mark
- d. *Country Code* – the two letter ISO country abbreviation
- e. *Approved International symbol for compliant wood packaging material*
- f. *Indication for use as dunnage (may be spelled out fully)*

# NHLA HT PROGRAM STAMPS



“IPPC”  
STAMP



DUNNAGE STAMP  
W/ ALTERNATE  
LOGO

HT  
STAMP



## **Solid Wood Packaging Includes:**

- Runners**
- Crossouts**
- Cleats**

**All under packs of lumber**

**Must have the IPPC Unit Stamp or the IPPC Dunnage Stamp**



Monday May 02,

last up

[Site](#)

[Comm](#)

# American Lumber Standard Committee, Incorporated

P.O. Box 210 Germantown, MD 20875-0210 301.972.1700 301.540.8004 (fax)



General Information



Untreated Wood Program



Treated Wood Program



Wood Packaging Material  
Program



Contacts & Links

[www.alsc.org](http://www.alsc.org)

USDA - APHIS - Microsoft Internet Explorer provided by NHLA

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Animal and Plant Health Inspection Service

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- ▶ Wildlife Damage Management

You are here: Home

"Protecting American agriculture" is the basic charge of the U.S. Department of Agriculture's (USDA) Animal and Plant Health Inspection Service (APHIS). APHIS provides leadership in ensuring the health and care of animals and plants. The agency improves agricultural productivity and competitiveness and contributes to the national economy and the public health.

**In the News** More

- [Knight Announces Cindy Smith as Administrator of The Animal and Plant Health Inspection Service](#)**
- [Costa Rica Allows for Importation of U.S. Cattle in Line with International Standards](#)**
- [USDA Distributes Oral Rabies Vaccine Across Appalachian States](#)**
- [USDA Reviewing Proposals for the Production of Ear Tags Compliant with the National Animal Identification System](#)**
- [USDA Lifts FMD Trade Restrictions For Northern Ireland](#)**
- [USDA Announces the Availability of a Draft Pest Risk Assessment for Argentine Lemons](#)**
- [USDA Proposes New Testing Regimen for the Importation of Table Eggs from Regions Where Exotic Newcastle Disease Exists](#)**

**Related Topics**

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## Hot Issues

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## APHIS Adopts International Standards On Wood Packaging Materials

Effective September 16, 2005, wooden packaging materials (e.g., pallets, crates, boxes, and dunnage) imported into the United States must be heat treated or fumigated with methyl bromide and marked with the International Plant Protection Convention (IPPC) logo and appropriate country code designating the location of treatment. Additional paper certifications will not be required. Implementation of the new requirements has been delayed one year from their date of publication to give affected parties time to comply with the new requirements.

### News

09/17/04 [USDA Amends Wood Packaging Material Importation Regulations](#)

### General Information

#### Regulations

[Importation of Wood Packaging Material—Final Rule](#)

[Imports](#)

[Exports](#)



# EXPORT (Existing Requirements)

[ARGENTINA](#)

[AUSTRALIA](#)

[BRAZIL](#)

[CHINA](#)

[EUROPEAN UNION](#)

[INDIA](#)

[NEW ZEALAND](#)

[SOUTH AFRICA](#)

If country is not listed here, click on link to [USDA-APHIS Contacts for Assistance with Export Certification](#) for requests of existing requirements of Solid Wood Packaging Materials to other countries.

[List of Wood Packing Facilities in your area](#)

# Country Update Sample:

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## Phytosanitary Requirements for Wood Packaging Material requirements to European Union

Updated March 1, 2005

**Packaging Materials:** Effective March 1, 2005 the European Union requires all newly assembled, repaired or recycled unprocessed raw wood packaging materials (hardwood and softwood) entering the EU to be either heat treated or fumigated and officially marked under [ISPM15](#).

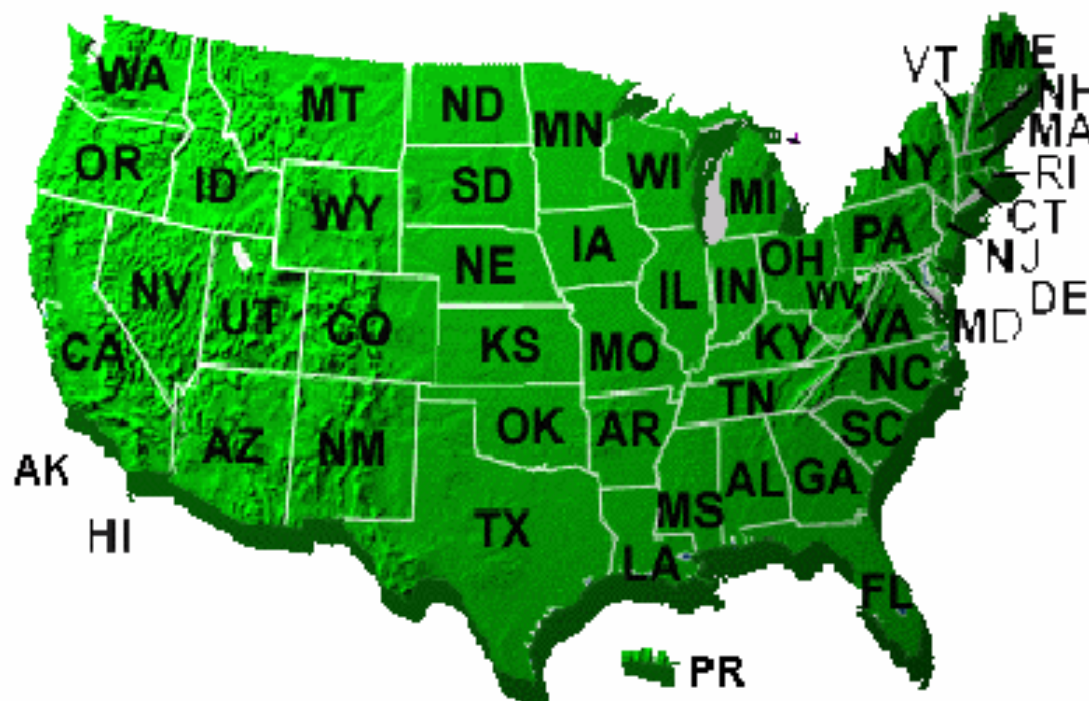
**Dunnage:** Hardwood and softwood dunnage is required to be either heat treated or fumigated and officially marked under [ISPM15](#) OR if not treated and marked be bark free and free from signs of live pests. After December 31, 2007 all dunnage will be required to be treated and officially marked under [ISPM15](#).

Wood packaging materials including dunnage less than 6 mm and processed wood produced from glue, heat, and pressure or a combination thereof (ie Oriented Strand Board, plywood, etc) are exempt from treatment and marking.

## USDA-APHIS Contacts for Assistance with Export Certification

USDA-APHIS contacts for assistance with export certification are responsible for maintaining the quality and credibility of phytosanitary export certification.

Updated May 11, 2005



ALABAMA | ALASKA | ARIZONA | ARKANSAS | CALIFORNIA | COLORADO | CONNECTICUT | DELAWARE | FLORIDA | GEORGIA |  
GUAM | HAWAII | IDAHO | ILLINOIS | INDIANA | IOWA | KANSAS | KENTUCKY | LOUISIANA | MAINE | MARYLAND |  
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# Hardwood Matters

National Hardwood Lumber Association  
August 2007



Interview with Israel Hernandez,  
US Assistant Secretary of Commerce

Coleman Lumber Co: Grows by Exporting

Export-Import Bank: The Perfect Partner

“Splinters from the  
HT Desk”  
Check the column in  
the  
Monthly Hardwood  
Matters Magazine

# Why NHLA?

- **Low Fees – NHLA Members have some of the lowest in the industry**
- **Flexibility**
  - ✓ **No Minimum Length of Contract**
  - ✓ **No Sign-Up Fees**
  - ✓ **No ALSC Expenses**
  - ✓ **Ability to turn the program off and on as needed**

# Why NHLA?

- **Knowledge and Experience – We are the hardwood gurus**  
**We know about dry bulb, wet bulb, depression, and industry specifics.**
- **Industry Education**
  - ✓ **NHLA 14-Week Inspection School**
  - ✓ **Lumber Grading Short Courses**
  - ✓ **Kiln Drying Short Courses**

# **Why NHLA?**

- Ongoing Information Source**
- Marketing Website & Buyer's Guide**
- New Upcoming Programs**

**End of Presentation**  
**Any Questions?**

