



AMERICAN
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American Hardwood Environmental Profile

「アメリカ広葉樹環境プロファイル」をよりよくご理解いただくために

アメリカ広葉樹環境プロファイルは、特定のアメリカ広葉樹の樹種、そして特定条件に基づいたその樹種の製材を海外のユーザーに輸出する場合に、それらが環境に及ぼす影響に関するデータを提供するものです。このデータはシンクステップ社による「アメリカ広葉樹のライフサイクル・アセスメントの研究」、米国森林局国有林管理分析部門(FIA)による「米国国有林の定期監査活動」、セネカ・クリーク・アソシエーツ社による「輸出向けアメリカ広葉樹に関する伐採の合法性と持続可能性の査定」、森林管理協議会 (FSC) の「リスク登録一覧」からの抜粋によるものであり、アメリカ広葉樹輸出協会ではこれらの情報に基づいてアメリカ広葉樹の合法性および持続可能性を論じています。本情報を利用/配布する場合は、輸出される製材と樹種を特定し、木材の材積と材厚を記載して、当該ユーザーへの輸出に最も適切な輸送経路・手段を選択することをお勧めします。また梱包用パッケージに自社の広葉樹製材の生産に関する情報を加えることも可能です。なお、プロファイル内の各用語に付記されている (1) ~ (18) の数字については、裏表紙の注記の項で詳しく説明しています。ここではサンプルとしてレッドオークのプロファイルを掲載しています。



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American Hardwood Environmental Profile: Id. 002603033 (1)

Issued: 07/28/2019
AHEP version 1.10

Data is provided on the environmental impact to deliver a defined consignment of lumber of a specified U.S. hardwood species to an overseas customer (2). Data is derived from the Thinkstep LCA study of U.S. hardwoods, the U.S. Forest Service Forest Inventory and Analysis (FIA) program, the Seneca Creek Risk Assessment of Legality and Sustainability in U.S. Hardwood Exports, and the FSC Risk Register. Statements on the legality and sustainability of the U.S. species have been prepared by AHEC using the above sources. The issuing organisation should identify the consignment and species, enter the quantity and thickness(es) of lumber, and choose the transport scenario most relevant for delivery to the customer. The issuing organisation may also add information on their own hardwood operations in the box provided. (Numbers in () refer to Notes section)

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Cross-Refs (3)	129823	Issued By (4)	Pike Lumber Company, Inc.	Issued To (5)	Tokyo Hardwood Lumber Company, Inc.
Description Of Product (6)	Sawn wood of red oak HS 4407.91.00.22	Common Name(s) (7)	American red oak	Scientific Name (8)	Quercus spp. mainly Q. rubra (northern) & Q. falcata (southern). May include Q. velutina, Q. nigra, Q. coccinea, Q. phellos, Q. laurifolia, Q. palustris, Q. ellipsoidalis
Country Of Harvest (9)	USA	Sub-National Region Of Harvest (10)	Indiana, Michigan, Ohio	Concession Of Harvest (11)	Multiple private forest owners.

Thickness	Quantity
6/4 (1 1/2")	11500 board feet

Legal Compliance (12)

- The Seneca Creek Risk Assessment shows: negligible risk of any U.S. hardwood containing wood from illegal sources; stolen timber represents much less than 1% of total U.S. hardwood production; and high confidence regarding legal compliance in the U.S. hardwood sector.
- The FSC Global Risk Register shows the U.S. is Low Risk against all 4 FSC Controlled Wood criteria for legality.
- U.S. hardwood companies are regulated by the Lacey Act requiring declarations for all U.S. timber imports & imposing sanctions on U.S. companies found in possession of timber sourced contrary to the laws of any country

Sustainable Forestry (13)

- FIA data shows U.S. red oak growing stock is 2.48 billion m³, 18.7% of total U.S. hardwood growing stock. U.S. red oak is growing 55.2 million m³/per year while the harvest is 33.9 million m³ per year. The net volume (after harvest) is increasing 21.3 million m³ each year. U.S. red oak growth exceeds or is in balance with harvest in all states except Texas. In Texas red oak harvests have been high relative to growth partly owing to oak wilt control measures and gradual replacement by softwood forest types.
- The Seneca Creek Risk Assessment shows Low Risk of U.S. hardwoods being derived from any of the five categories of controversial forest source identified in the FSC Controlled Wood standard.
- On biodiversity impacts, the Thinkstep LCA study concludes that: "Conversion of any other commercial land into the hardwood forest would most probably be a positive impact on the land quality including biodiversity and associated ecosystem services". On land use change, it concludes that "the harvested areas had undergone several iterations of harvesting and re-growth. After harvesting, the land is returned to forest so there is no direct land use change to account for in the timeline of a few hundred years".

Figure 1: Distribution of Red oak removals by county

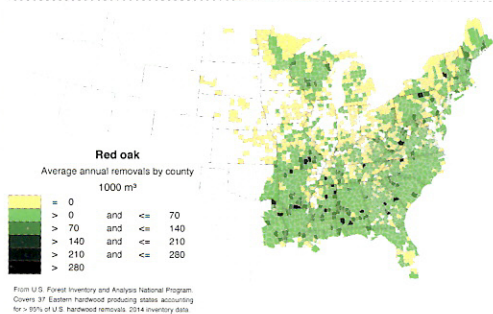


Figure 2: Growth and removals of Red oak (1000 m³)
Average annual growth & removals of Red oak
by U.S. State - 2014 inventory data

