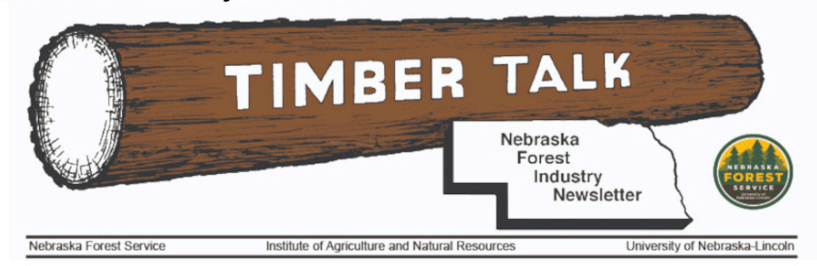


Published continuously since 1962



December 2024

Economic Reports

Changes a'foot

The first thing subscribers have been seeing in Timber Talk for a long time is the Hardwood Market Report (HMR) commentary and quarterly prices for hardwoods common to Nebraska. In the summer of 2023, Fastmarkets acquired HMR. They are now offering 3 other market reports in addition to HMR and the price jumped from \$345 to over \$1100. When NFS was approached regarding the subscription renewal, I shared our agreement with HMR to quote from their report in Timber Talk and asked if it could continue. The question was escalated to the top, which is in London. They also asked HMR staff if such an agreement was made – longevity at the company went back to the mid-1990's. They reported to Fastmarkets that it didn't exist. (Our agreement was made in 1984.) When they came back with potential lawsuit for past copyright infringement, we dropped the subscription.

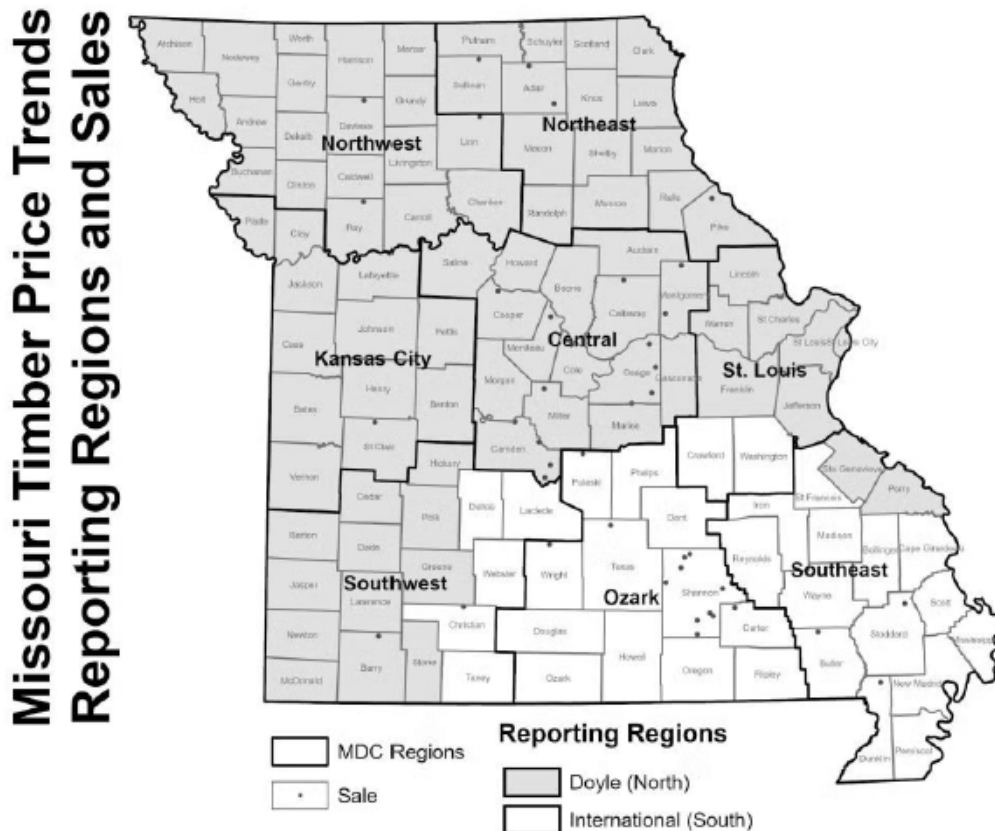
Timber Talk will now share known hardwood timber sale prices obtained from landowners or contractors in Nebraska and Missouri Department of Natural Resources is sharing their data.

Forest Economics in Missouri ~ Timber Price Trends is published quarterly. Not every sale is listed, there must be a minimum of 3 reports of a specific species/product combination for it to be added to the list. It includes state sales and private land sales if information is

known/reported. Maximum and minimum prices offered to timber owners are affected by the following unknown factors: The quality and size distribution of timber; the accessibility, i.e. was it close to good roads and/or what was the haul distance to the mill; topography of the units.

The Missouri data is stumpage versus the HMR figures which are “FOB ... point average market prices for well manufactured ... hardwoods in truckload and greater quantities.” So, our change in prices reported here is not apples to apples, but it is felt that nearby stumpage is more relevant to Nebraska Landowners and businesses. I will continue to watch for other data that may be beneficial to Timber Talk subscribers.

Hardwood



Softwood

Region	Product	Species	Max Price	Avg Price	Min Price	Volume	Units	Number of Reports
North	Veneer	Black walnut	\$4,788.00	\$3,998.41	\$3,240.00	3,721.23	Doyle MBF	7
North	Sawlogs	Mixed Hardwoods	\$2,184.00	\$90.11	\$50.00	1,341.63	Doyle MBF	16
North	Sawlogs	Maple (soft)	\$180.00	\$160.36	\$132.00	282.09	Doyle MBF	3
North	Sawlogs	Hickory	\$252.00	\$156.57	\$100.00	45.96	Doyle MBF	12
North	Sawlogs	Ash	\$156.00	\$102.98	\$100.00	3,342.66	Doyle MBF	6
North	Sawlogs	Black walnut	\$2,160.00	\$1,997.37	\$300.00	8,546.93	Doyle MBF	14
North	Sawlogs	Cottonwood	\$144.00	\$141.03	\$84.00	101.35	Doyle MBF	3
North	Sawlogs	Cherry	\$180.00	\$174.31	\$150.00	0.91	Doyle MBF	3
North	Sawlogs	White oak	\$599.30	\$417.60	\$305.00	436.32	Doyle MBF	11
North	Sawlogs	White oak (group)	\$420.00	\$369.16	\$235.00	293.42	Doyle MBF	7
North	Sawlogs	Red oak	\$200.00	\$159.91	\$120.00	117.5	Doyle MBF	4
North	Sawlogs	Red oak (group)	\$305.00	\$181.37	\$140.00	781.66	Doyle MBF	13
North	Sawlogs	Post oak	\$300.00	\$240.55	\$149.20	7.39	Doyle MBF	6
North	Stave Logs	White oak	\$2,100.00	\$1,689.20	\$1,392.00	38.79	Doyle MBF	8
International (South)	Sawlogs	Hickory	\$272.00	\$176.00	\$46.00	33.1	Int MBF	6
International (South)	Sawlogs	Mixed Hardwoods	\$270.00	\$228.00	\$132.00	1191.5	Int MBF	3
International (South)	Sawlogs	Oak (mixed species)	\$189.00	\$169.00	\$104.00	2997.8	Int MBF	4
International (South)	Sawlogs	Red oak (group)	\$295.00	\$250.00	\$46.00	1796.7	Int MBF	6
International (South)	Sawlogs	White oak	\$280.00	\$234.00	\$129.00	20.1	Int MBF	3
International (South)	Sawlogs	White oak (group)	\$272.00	\$211.00	\$46.00	80.2	Int MBF	3

Forest Economics in Missouri ~ Timber Price Trends: Not every sale is listed. There must be a minimum of 3 reports of a specific species/product combination for it to be added to the list. Includes state sales and private land sales if information is known/reported. Maximum and minimum prices offered to timber owners are affected by the following unknown factors: The quality and size distribution of timber; the accessibility, i.e. was it close to good roads and/or what was the haul distance to the mill; topography of the units. <https://research.mdc.mo.gov/project/forest-economics-missouri>

REGION 2, ZONE 1, NW Intermountain Zone, SAWTIMBER
Current Appraisal Data Bulletin
BULLETIN NO. BU210724
Effective September 2, 2024, Until Superseded

BASE DATA PERIOD: 3rd QTR CY24 – 2nd QTR CY24
APPRAISAL BASE PERIOD (QTR, CY): 6-24
BASE INDEX: WWPA, June 2024 (2017-18 basis) 425.11 (1)
Average High Bid:(Base Period Price): LP&DF \$11.38; ES \$5.00; PP \$3.00; TF \$3.00

REGION 2, ZONE 1, NONSAW
Current Appraisal Data Bulletin
BULLETIN NO. BU210724
Effective September 2, 2024, Until Superseded

BASE DATA PERIOD: 2nd QTR CY24 – 1st QTR CY24	WWPA INDEX
APPRAISAL BASE PERIOD (QTR, CY): 6-23	NA
BASE INDEX:	NA
Average High Bid:	\$0.25

REGION 2, ZONE 1, STANDARD RATES (R2 FSM 2430, 2431.31a)
Current Appraisal Data Bulletin
BULLETIN NO. BU210724
Effective September 2, 2024, Until Superseded

Product	UOM	Species	Standard ⁵ Rate	Min. Rate
<i>Ski Area and other Operations under Special Use Permits⁶</i>				
Sawtimber (01)	CCF (03)	all conifer	\$4.77	variable ⁷
NONSAW (08)	CCF (03)	all conifer and aspen	\$1.00	\$0.25
<i>Other Convertible Products</i>				
Sawtimber (01)	CCF (03)	all species	ABPP ⁸	variable
NONSAW (08)	CCF (03)	all species	ABPP	\$0.25
Tee Pee Poles (03) ⁹	each (09)	LP	\$0.50	\$0.25
Poles (03) - 4.00" to 8.00" diameter	CCF (03)	all species	\$2.50	\$0.25
Poles (03) - 8.00" to 12.00" diameter	CCF (03)	all species	\$3.00	\$0.25
Poles (03) - 6.5' length	each (09)	all species	\$0.50	\$0.05
Poles (03) - 8' length	each (09)	all species	\$0.75	\$0.05
Fence Stays (14) - 2.00" to 2.50" diameter	each (09)	all species	\$0.15	\$0.05
Fence Stays (14) - 2.50" to 4.00" diameter	each (09)	all species	\$0.25	\$0.05
Mine Props (05)	CCF (03)	all species	\$3.00	\$0.25
Mine Props (05)	each (09)	all species	\$0.75	\$0.05
Posts (06)	each (09)	Cedar (juniperus)	\$0.75	\$0.05
Posts (06)	CCF (03)	Cedar (juniperus)	\$9.50	\$1.00
Commercial Use Firewood (07)	cord (02)	all species	\$8.00	\$5.00
Biomass green cv (20)	ton (05)	all species	\$0.10	\$0.01
Biomass dry cv (21)	ton (05)	all species	\$0.25	\$0.01

(1) Base Index adjusted to CCF (2017-18 Basis) White Woods: 425.11

Industry Thoughts/Quotes:

News and quotes about the industry and utilization... Excerpts from the articles that caught my eye and if indicate a common theme I'll recap below. [Words in square brackets are summaries of adjacent text or background info]. (Links are provided should you want to read the entire thing.)

Wood Industry Association Scholarship

Know a student currently studying or interested in studying woodworking in college? “Every year, we award scholarships to college students pursuing studies in wood technology, machinery, and related fields. To date, the Wood Industry Association and former WMIA Education Foundation have awarded over \$551,000 to 298 students. Scholarship applications are accepted from September through January.”

Go to <https://woodindustry.org/page/scholarship> for all details and link to applying online.

WATCH FOR NEW TIMBER BUYER, PROCESSOR, CONTRACTOR AND MAKER LIST OPPORTUNITY

Add your business with details on what you buy or what you process, or both! Contractors, sawmills, loggers, builders – anyone involved in forest and range management and potential merchantable material. The University of Nebraska is putting a new revamped entity wide website framework live on December 15.

So many businesses on the old list no longer had working phone numbers or that were no longer around, that we decided to just start from scratch. The resulting list will be linked to a map for ease of Nebraskans to find someone local to harvest their trees and make something from them. When you enter your information you can stipulate how far you will travel from your base location for jobs.

BTW: Someone told me today that they used to get Timber Talk and had not re-signed up since had to sign up every year.

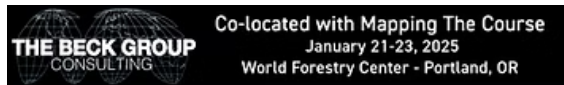
No longer a thing. I won't purge the list . If your email bounces multiple times I will remove it. Please share with other businesses or individuals interested in working with forest products or forest management.

Utilization Events and Resources

[Funding](#) USFS Wood Innovations Grant, Community Wood Grant, and Wood Products Infrastructure Assistance Grant are open for applications. Projects that tie into directly increasing wood/biomass removal and utilization from NFS, Tribal and

other forests rank better than others. They do not funded any portable equipment. [Link is here](#). Deadlines quickly approaching.

Virtual or Live Training



When: January 23, 2025 | 9:00am – 4:00pm

Location: Live online and live in-person at the [World Forestry Center in Portland, Oregon](#)

Co-located with Mapping The Course Conference, Jan 21-23, 2025*. (Mapping the Course will mainly focus on private and federal land issues in the Pacific Northwest.)

Cost of Registration for the Business of Forest Products one-day workshop: In-person registration: \$550 Virtual registration: \$500

*Cross-Registration: \$50 discount available if an attendee registers for both BOFP & MTC. Starting January 9th price increases by an additional \$50.

Registration fee includes Lunch & Beverages. *A digital Course Workbook containing notes and information for each workshop topic.*

[Register by visiting the Mapping The Course 2025 webpage](#)

BIOCHAR FROM HANDPILES! No equipment needed, though a hand rake is a good idea. USFS just published a how-to document:

<https://www.fs.usda.gov/research/rmrs/understory/making-biochar-hand-built-piles>

Publications

We developed several factsheets for various industries and how biochar can be incorporated – for example to change one ingredient of concrete to a renewable resource. **NEW** is a how-to interpret biochar analysis report. There is one on biochar in ag applications in Spanish.

Find them on NFS website: go.unl.edu/biochar until December 15. New direct link will be in next issue after new framework goes live. After December 15: go to <http://nfs.unl.edu> hover over Forest Management in the menu and click on Forest Products Utilization then Biochar on the right.

BIOCHAR SAMPLES (still) WANTED (from an email recieved)

The following is a joint message from the US Biochar Initiative and the USDA Agricultural Research Service and

National Resources Conservation Service teams about expanding the Biochar Atlas project to support US producers and distributors.

Hello,

The US Biochar Initiative and USDA Agricultural Research Service (ARS) seek your assistance to help build a stronger biochar industry. We request samples of your biochar that will be analyzed by USDA ARS scientists according to International Biochar Initiative testing protocols. Results from these analyses would be provided to you and then may be incorporated into the national Biochar Atlas tool which is currently under development.

Your participation in this process will:

- Help grow awareness of biochar among agricultural producers
- Support development of the Biochar Atlas, a biochar decision-support tool
- Help improve biochar laboratory analysis methods
- Provide you with FREE biochar analytical data completed by USDA ARS

We encourage interested US producers to contact [Rachel Bascheieri](#), Biological Science Technician at USDA ARS, to arrange sample shipments: rachel.baschieri@usda.gov or +1 (541) 738-4168.

About the Biochar Atlas

The Biochar Atlas is an online biochar decision support tool being developed by [USDA Agricultural Research Service](#) (ARS) to expand information access about biochar and biochar producers to US agricultural producers. The website for this tool is currently under development, but it will be modeled on the existing [Pacific Northwest Biochar Atlas](#). The Biochar Atlas is an on-going collaboration between the USDA ARS, and the [US Biochar Initiative](#), American Farmland Trust, Oregon State University and Washington State University.

History of the Biochar Atlas

The project began as the regional Pacific Northwest Biochar Atlas decision support tool for growers applying biochar. The National Resource Conservation Service is funding the expansion of the Atlas to support implementation of [NRCS Practice Standard 336](#) which provides cost share to apply biochar as a soil amendment to increase soil carbon content.

USBI, in collaboration with our ARS partners are now working to expand the Biochar Atlas to support the entire United States focusing on the effectiveness of different biochars for meeting site-specific crop and soil needs. The tool is designed to guide growers to regional biochar producers who can supply effective biochars. Participation in this tool may help drive revenue as part of your go-to-market strategy.

Analysis	Method
Ultimate	ASTM D3176
Proximate	ASTM D1762-84
CTO-375	Gustafsson 1996 & Zencak 2007
Inorganic C	20% phosphoric acid
DOC/DIC/TDN	Water extraction
GC-MS sorbed compounds	ASTM E2154-15a
Functional group characterization	FTIR
BET-N2 surface area	ASTM D6556-21
Particle size	Progressive dry sieving & Scanning Electron Microscopy (SEM)
Water release curve	ASTM D6836-16
Total nutrients	HNO3 and H2O2 Microwave digestion, ICP
CaCO3-Eq	1M HCl extraction, NaOH titration
Extractable P	2% formic acid extraction
pH & EC	1:20 water slurry
NO3 ⁻ & NH4 ⁺	2M KCl extract, spectrophotometry
Higher heating value	ASTM D5865-12
TGA/DSC	ASTM D5142

Your Help is Critical

To grow the Biochar Atlas we are requesting physical biochar samples from all biochar producers across the United States creating biochars from a range of feedstocks using different production technologies. (This program is only available for biochar produced in the US and qualified territories.)

For each raw biochar sample, USDA ARS laboratory technicians will conduct physiochemical analysis to classify the product according to the [International Biochar Initiative \(IBI\) Classification System](#) which includes carbon storage value, fertilizer value, liming value, and particle size distribution, and other parameters in the table image below.

The results of these sample analyses are not intended to be directly applicable toward USDA or IBI certification. Instead, these analyses will be conducted to include product data in our database and for making biochar product/application recommendations to users of the Biochar Atlas, and to provide data to US biochar suppliers. At this time, we are requesting physical samples, and authorization to analyze those samples according to the methods listed below. Before any sample analysis data is incorporated into the Biochar Atlas website we will request further authorization from you.

There is no fee to participate in this program beyond the cost of sample shipping. The laboratory analysis of your biochar is free and results will be provided to you. Additionally, we offer a free consultation to discuss analysis/classification results with you, and no data will be included in the Biochar Atlas tool without future authorization from you.

Sample collection instructions and delivery details found here:

http://www.pnwbiochar.org/home/submit_sample/

Do not delay! Join in this opportunity now. Contact [Rachel Baschieri](#), +1 (541) 738-4168, to arrange sample delivery for inclusion in this important Biochar Atlas program.

We appreciate your participation and look forward to building the biochar industry in the US with your assistance.

Different Products – New Markets

Ever have an idea for a wood product you haven't seen in production? Let's chat about it. Give Kim a call/email!

Have you seen the coconut fiber discs and mats for weed control around trees? Some of the NRDs are using them and they are at Home Depot and Lowes. Why not make these from what is now 'waste' in piles from management projects. NFS is working with IANR Food Processing Center which had a binder for a project and is testing it as a binder for weed mulch disc with shredded cedar and hardwood. We could have a new forest product that could replace the imported coconut fiber mulch discs in the near future. Let's talk if you want to produce the product! Assembly workflow is not yet determined.

The "Wood is Good" File

US Army Timber Shelters Built to Withstand 250-Year Earthquakes

- <https://woodcentral.com.au/us-army-timber-shelters-built-to-withstand-250-year-earthquakes/>

"A new product, known as 'Advanced Cross Laminated Timber', is using highly accessible and affordable species of timber reinforced with biomass from the aviation industry to create 'battle-ready' installations"

Closer to home NFS is working with UNL Architecture Professor Jason Griffiths in studying the possibility of Eastern Red Cedar and Ponderosa Pine CLT to be made from Nebraska forests and rangelands.

Timber Sales

We are developing a webpage that would have sales and where hazardous fuels / forest stand improvement projects are occurring to facilitate the utilization of all material being removed from our forests. This would allow anyone with 1 tree to hundreds of acres to get the word out. Please email or call Kim to share your input on this effort. Timber Talk would continue to have formal timber sales listed.

Walnut				
Lumber 1*	779	bf	NFS Forester/s	Kyle Heyen
Lumber 2*	995	bf	K Slezak, A Claire	1689 COUNTY ROAD E NE
Lumber 3*	1,034	bf	J Seaton, D Owen	WAHOO NE 68066
Veneer 3*	222	bf	S Karloff	402-968-6940
Craft		bf	Appraisal Date:	
Total bf*	2,808		November 1, 2024	Location: Saunders County
Natural stand with scattered walnut. Some within older windbreak spaces. Landowner decided to keep some marked, so totals reflected here. Uppers of the trees and some forks may have Lumber 3 uncounted and high volume of craft wood.				

A Tree's best life is when it's upright, green, and growing.

When that life is over, give it a 2nd life.

As a forest product.


Kim Slezak, Forest Products Specialist

kslezak2@unl.edu 402-429-6931



Questions? Contact us

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