

# A LOT GOES INTO CARING FOR MINNESOTA'S FORESTS



MINNESOTA FOREST INDUSTRIES



For up-to-date news and information about Minnesota forests, visit us at [minnesotaforests.com](http://minnesotaforests.com)



*Each year more than 15 million seedlings are planted in Minnesota, and millions of other trees are grown from seeds or regenerate naturally.*

## **MINNESOTA'S FORESTS**

### **Beautiful, Plentiful & Productive**

When you think of Minnesota's forests, perhaps you think of sunlight streaming through tall pines. Or the crunching of colorful leaves beneath your feet. Undoubtedly, you also think of serenity and nature.

But beauty and recreation are just two characteristics of our bountiful forests. Minnesotans also enjoy diverse wildlife habitat, jobs for more than 36,000 hardworking people and a variety of products we use every day. Including the brochure you're holding right now.

The story of Minnesota's forests never ends, because trees are our greatest renewable resource. Yes, Minnesota's forests are here today and here tomorrow.



Learn more about how research and education are changing the face of forestry at [minnesotaforests.com](http://minnesotaforests.com)

## A HEALTHY RESPECT FOR THE FOREST

Minnesota grows more than twice as much as is harvested.



Cords of wood grown each year: 8.6 million.



Cords of wood harvested each year: 3 million.

It's no coincidence that Minnesota's forests are healthy and vibrant. They are carefully managed to ensure the proper balance of harvesting, regrowth and habitat maintenance by forest professionals who make decisions based on experience and science.

### Minnesota leads the nation in sustainable forestry

Wood that's harvested following stringent guidelines is formally certified by independent third parties as sustainable. This means that our state forestlands are being carefully managed to balance the perpetual growing and harvesting of trees with the long-term protection of wildlife, plants, soil and water quality.

In 2005, the State of Minnesota became the largest public land manager in the U.S. to certify its lands under the Sustainable Forestry Initiative® Program ([sfiprogram.org](http://sfiprogram.org)), a comprehensive system of objectives and performance measures that guides responsible forest management. There are more than 7.1 million acres in Minnesota certified under the SFI® Program.

### Expert loggers

Nearly all of the wood harvested in Minnesota is done by loggers trained in the Minnesota Logger Education Program ([mlep.org](http://mlep.org)), who continually enhance their expertise related to technologies, safety, environmental regulations, wildlife and more. The woodland professionals combine proven techniques with modern equipment to take care of the forest.

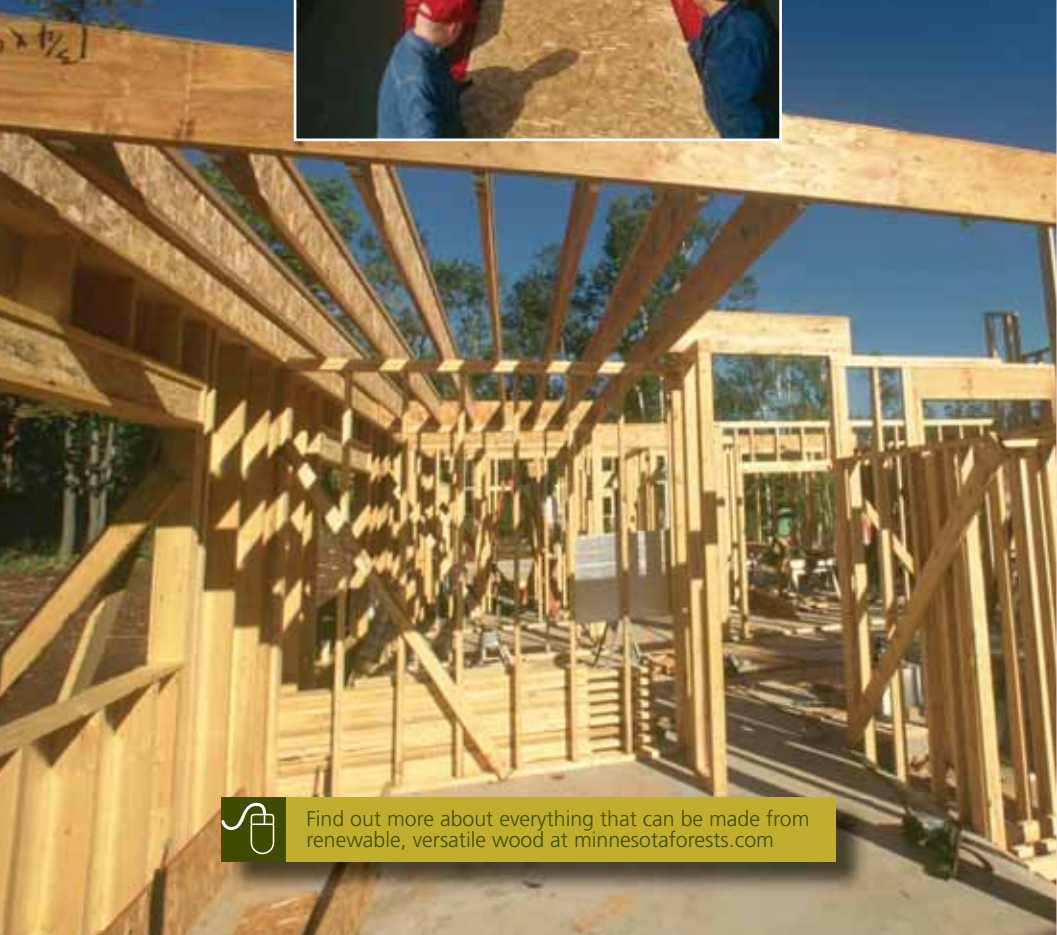
### Providing consumers the assurances they want

As more people and companies demand that their forest products come from sustainably managed forests, our state will remain a national leader. Minnesota will continue to prove that maintaining a viable forest products industry and doing the right thing by the environment complement one another.

Source: U.S. Forest Service and Minnesota DNR.



The state's forest self-generate 28%



Find out more about everything that can be made from renewable, versatile wood at [minnesotaforests.com](http://minnesotaforests.com)



*According to the U.S. Forest Service, today Minnesota has 20 million more large trees (over 19" in diameter) than it did 50 years ago.*

products companies use renewable resources to  
of their electricity.

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## FINE PRODUCTS OF OUR ENVIRONMENT

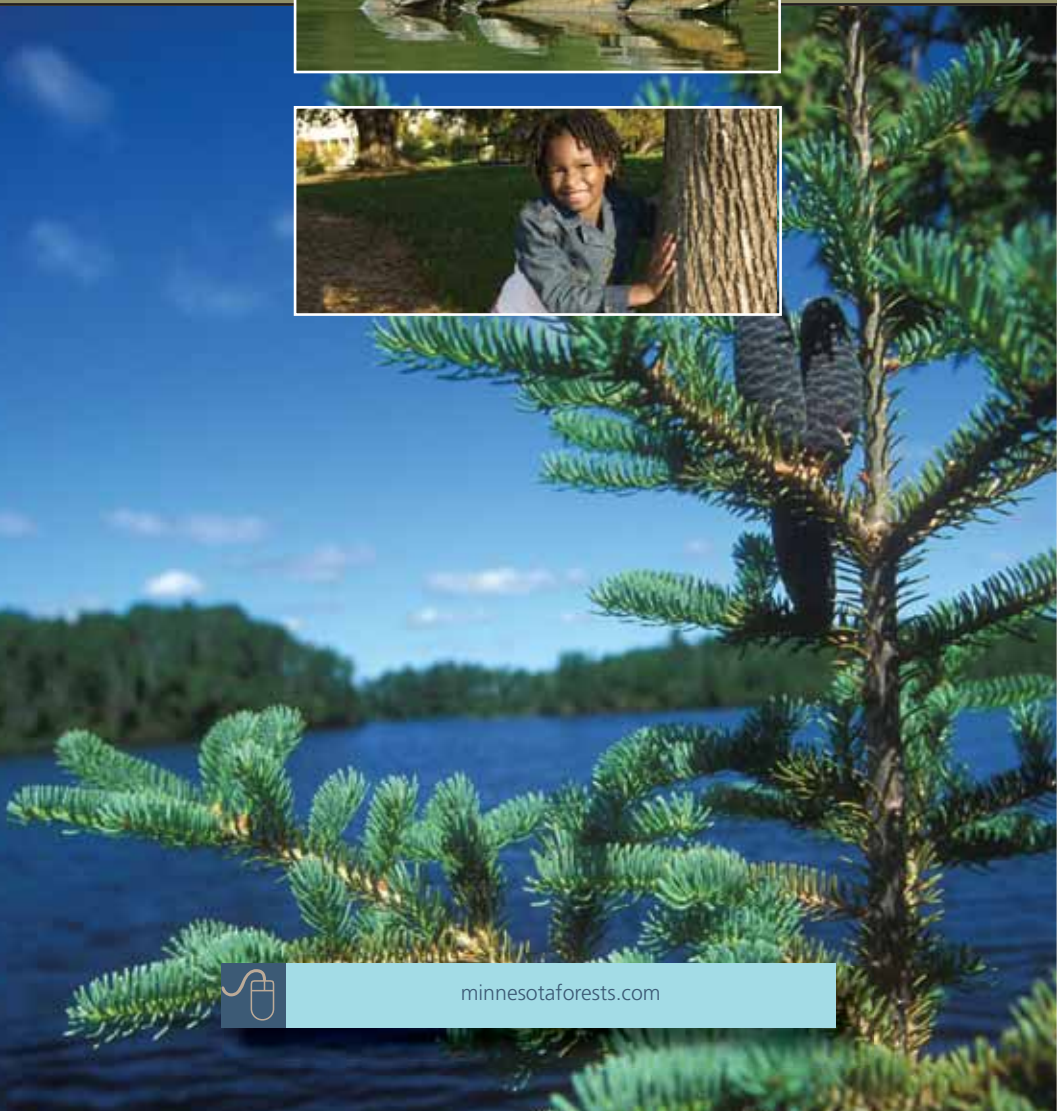
Everyone knows that paper and lumber are made from trees, and that's only the beginning. Almost every part of the tree is used to make products we use every day. In fact, more than 5,000 of them!

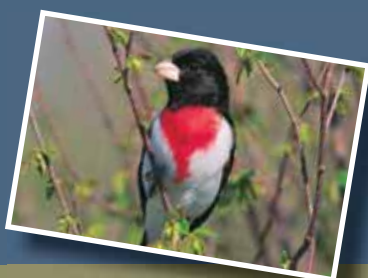
You won't find a more versatile raw material than wood. And the best part, of course, is that trees are a renewable resource.

The more than 36,000 people in Minnesota's forest products industry make paper for books, magazines, brochures, computer printers and more. We make lumber, siding panels and engineered wood products for building homes, including oriented strand board. We also make industrial packaging for many commercial applications.

You're literally surrounded by fine products from Minnesota's forests, including everything in this photo!







### Recreation

More than 90% of forest road use in Minnesota is by people wanting to visit and enjoy the forest. That's an added benefit the forest products industry is pleased to provide, because forest roads are really created to help improve the harvest and transport of trees, while also providing advantages for fire fighting.

## ENSURING A HEALTHY FUTURE

Just as trees are ever-growing, so is the state's commitment to continually enhancing our forests in many ways.

**Wildlife habitat** – In addition to providing wood for products, harvesting adds diversity to our landscape by creating younger forests. This provides important habitat for many wildlife species – including deer, bear, ruffed grouse, woodcock and other species that thrive on new growth.

**Preventing disease and wildfire** Just as humans have life spans, so do trees. Over-mature trees are more susceptible to insects, disease, blowdown and fire than trees that are carefully managed and harvested. Removing trees at harvest age allows the wood to instead be used for making products.

**Educating our children** – Over the years, Minnesota Forest Industries has made significant financial investments to help K-12 teachers educate their students about forests, forest products and more. Representatives from MFI's member companies also

visit classrooms throughout the state to help further inform children.

Papermaking Kits and Wood Kits are among many educational materials MFI produces, and they're available for use by kids and teachers at [minnesotaforests.com](http://minnesotaforests.com).

**Scientific advances in forest protection** – The Minnesota Forest Resources Council, a governor-appointed body that oversees sustainable forest resource policies, recently developed biomass harvesting guidelines, the first of this type in the U.S., regarding sustainable removal of woody biomass from logging residue on timber harvest sites.

**Reducing carbon in the air** – The forest products industry and forests themselves are doing much to fight global warming. Each tree absorbs an average of 50 pounds of carbon from the atmosphere each year. Then when trees are harvested for use as forest products, such as those shown on pages 6 and 7, those products continue to store carbon, sometimes for centuries.

# THE STATE OF THE FOREST PRODUCTS INDUSTRY



Minnesota Forest Industries' member companies are located throughout Minnesota, as shown on the facing page. But the industry's \$8.6 billion economic impact stretches even further, because from Aitkin to Zumbro Falls, nearly 300 Minnesota cities are home to businesses from which the forest products industry purchases goods and services.

## Minnesota Forest Products Industry Statistics – 2008

<b>Number of Employees</b>	
Pulp, Paper, Board	4,145
Converted Paper Products	8,288
Lumber and Wood Products	12,157
Wooden Furniture and Fixtures	9,121
Logging	2,500
<b>Total Employees in Minnesota</b>	<b>36,211</b>
<b>Wages Paid to Forest Industry Employees</b>	
Pulp, Paper, Board Plants	\$294,588,219
Total Wages Paid (All)	\$1.674 billion
<b>Value of Forest Products</b>	
Pulp and Paper	\$2,066,460,520
Board	132,938,211
Trusses, Veneer, Other Reconstituted Wood Products	357,057,442
Sawmills (Lumber, Post, Poles, Pilings)	57,520,241
Wood Preservation	86,826,153
Pulpwood Shipped Out of State	3,750,000
Fuelwood	20,000,000
Christmas Trees	30,000,000
Mill By-Products	12,398,763
Converted Paper Products	2,588,074,245
Wooden Furniture and Fixtures	1,274,293,916
Pallets, Containers, Millwork, Other Misc Wood Products	1,981,762,110
<b>Total</b>	<b>\$8,611,081,601</b>

# MINNESOTA FOREST INDUSTRIES MEMBERS

## 1. **Boise Paper**

International Falls  
Products: Office papers, label and release papers, basesheets, business and specialty printing grades.  
(218) 285-5312  
[www.boiseinc.com](http://www.boiseinc.com)

## 2. **Hedstrom Lumber Company**

Grand Marais  
Products: Hardwood and softwood lumber, specialty pattern work.  
(218) 387-2050  
[www.hedstromlumber.com](http://www.hedstromlumber.com)

## 3. **NewPage Corporation**

Duluth  
Products: Uncoated, lightweight supercalendered magazine and publication papers.  
(218) 628-5100  
[www.newpagecorp.com](http://www.newpagecorp.com)

## 4. **Norbord Minnesota**

Solway  
Products: Oriented strand board (OSB)  
(218) 751-2023  
[www.norbord.com](http://www.norbord.com)

## 5. **Potlatch Land and Lumber**

Bemidji and Cloquet, MN;  
Minocqua, WI; Gwinn, MI  
Products: Lumber, forest products, hunting leases and real estate.  
(218) 879-0427  
[www.potlatchcorp.com](http://www.potlatchcorp.com)

## 6. **Sappi Fine Paper North America**

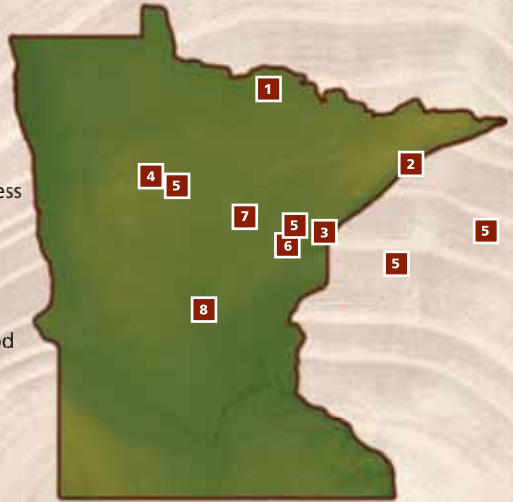
Cloquet  
Products: Coated freesheet fine printing and publication paper, market pulp.  
(218) 879-2300  
[www.sappi.com](http://www.sappi.com)

## 7. **UPM, Blandin Paper Mill**

Grand Rapids  
Products: Lightweight coated publication papers.  
(218) 327-6644  
[www.upm-kymmene.com](http://www.upm-kymmene.com)

## 8. **Verso Paper, Sartell Mill**

Sartell  
Products: Coated and uncoated publication papers.  
(320) 240-7500  
[www.versopaper.com](http://www.versopaper.com)



## Minnesota Forest Industries contacts:

Wayne Brandt  
*Executive Vice President*

Tim O'Hara  
*Vice President for Forest Policy*

Ray Higgins  
*Director of Operations*

# A STATEWIDE COMMITMENT TO HEALTHY FORESTS

*Minnesota Forest Industries (MFI) is an association representing the state's forest products companies. MFI members encourage conservation, proper forest management and industry development that foster sound environmental stewardship, multiple use of timber lands and sustainable, long-term timber supply.*

*For additional information, please log on to [minnesotaforests.com](http://minnesotaforests.com).*



MINNESOTA FOREST INDUSTRIES  
903 Medical Arts Building  
324 West Superior Street  
Duluth, Minnesota 55802  
218-722-5013  
[minnesotaforests.com](http://minnesotaforests.com)

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