

You are invited to attend:



## SMALL-SCALE MILLING & DRYING

A primer for small woodland owners and wood manufacturers

With the downturn in the lumber market and diminishing log values, small-scale custom manufacturing of lumber products offers many opportunities for optimizing the value of forest resources. It also comes with many challenges. Understanding the logistics of each step in the manufacturing process, from stump to finished product, will help you determine whether small-scale wood manufacturing is for you.

The purpose of this one-day program is to help participants determine what level of wood manufacturing is appropriate for them, and what steps may be more appropriate to outsource. The program will:

- Introduce manufacturing techniques appropriate for small-scale operators to improve their ability to saw and dry quality lumber;
- Discuss start-up and operational costs
- Provide an overview of a small-scale sawing & drying operation;
- Provide tips for marketing wood products
- Allow networking and information sharing with other participants who have similar interests.

This seminar will provide useful information for a wide audience, including: small woodland owners, small mill operators, wood manufacturers, and others.

Topics will include:

- Understanding log/wood qualities
- Small-scale sawmilling 101
- Sawing for value vs. volume
- Lumber grading & measurement
- Small-scale drying techniques
- Preparing green lumber for drying
- Avoiding common drying defects
- Niche marketing wood products

**DATE:** Saturday, May 30th, 2009

**LOCATION:** Oakville, WA (directions on back)

**COST:** \$60 (NCF members: \$45)

**MORE INFO:** Kirk Hanson: 360-316-9317, [kirk@nnrg.org](mailto:kirk@nnrg.org)

**REGISTRATION:** Pre-registration is required as space is limited. Please use the form on the backside of this flier to register.

Sponsored by:



### PRESENTERS:

Ian Hanna  
Northwest Certified Forestry

Mike Milota  
Oregon State University

John Henrikson  
Wild Thyme Farm

Other guest speakers TBA

### AGENDA:

9:00 Introductions  
9:15 Understanding Wood Qualities  
10:15 Small-scale Sawmilling 101  
11:15 Lumber Grading & Measuring  
12:15 Lunch  
1:15 Small-scale Drying  
2:15 Niche Marketing  
3:15 Break  
3:30 Testimonials  
4:00 Tour of Wild Thyme Farm  
5:00 End

**Northwest Certified Forestry** is a non-profit membership and services program developed by the Northwest Natural Resource Group to assist small forest landowners with optimizing the economic and ecological potential of their forestlands. Visit [www.nnrg.org](http://www.nnrg.org) for more information.

The **Pacific Mountain Alliance for Innovation** (PMAI) promotes regional economic development in Thurston, Mason, Lewis, Grays Harbor, and Pacific counties. The catalyst for much of this work is a \$5 million grant from a program of the U.S. Department of Labor called WIRED (Workforce Innovation in Regional Economic Development). Visit <http://www.pacificmountainalliance.org/> for more information.

**Keynote Speakers:**

**Ian Hanna**, Program Director for [Northwest Certified Forestry](#)

Ian is a forest products market development expert, with a broad background in ecosystem forestry, small-scale manufacturing, FSC market development, and wood product sales. Prior to joining the Northwest Natural Resource Group in June of 2004, Ian provided market and business development consulting for clients involved in FSC and other regional certification programs. His experience includes national level market development for FSC and reclaimed wood products as a regional manager for Certified Wood & Paper Association and Certified Forest Products Council. Ian also co-founded Windfall Lumber in Olympia, one of the first FSC businesses in western Washington.

**John Henrikson**, owner of [Wild Thyme Farm](#)

John is the owner of the Wild Thyme Farm, a 160 acre farm and woodland in the Chehalis Valley. Over the past 20 years John has developed strategies for sustainably managing his forest and farmland and to add value to the products from the farm. He has implemented riparian reforestation practices; forest health and quality improvements; value-added wood production; organic orchard, garden and agroforestry practices; and other forms of sustainable land use management.

**Mike Milota**, wood drying specialist with OSU's [Wood Innovation Center](#)

Mike Milota is on the faculty of the Oregon Wood Innovation Center based at Oregon State University in Corvallis. He teaches wood science and wood drying and is the director of the university's annual lumber drying workshop held for mill personnel. His recent research work has included measuring the organic compounds that are released from wood as it dries and using the moisture meter at the planer to improve the drying process. Mike has conducted drying workshops for small-scale producers in Oregon and Alaska. Prior to working at Oregon State, Mike worked at the Forest Product Laboratory in Madison, WI and for the Masonite Corporation.

**Directions:**

Wild Thyme Farm: [Mapquest directions](#) [Google directions](#)

72 Mattson Road, Oakville, WA 98568

From I-5, take exit 88 (Oakville/Rochester) and head West on Highway 12 to the town of Oakville. In Oakville, turn south on State street (at the Post Office). State street becomes South Bank Road. Cross the Chehalis River and take an immediate left onto Garrard Creek Road. Go one mile and turn left again onto Mattson Road. Go 1/2 mile and the Wild Thyme Farm is on the right.

**Registration Form for Small-scale Wood Manufacturing**

**Name:** \_\_\_\_\_

**Company Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

\_\_\_\_\_

**Phone:** \_\_\_\_\_ **E-mail:** \_\_\_\_\_

**Registration:** # attending \_\_\_\_\_ x \$60 = \$ \_\_\_\_\_, family of 2 or more \$110

**NCF Member # attending** \_\_\_\_\_ x \$45 = \$ \_\_\_\_\_, family of 2 or more \$80

To register, mail payment to:  
NNRG  
PO Box 1067  
Port Townsend, WA 98368