

Publisher's Letter

LOGS TO LUMBER

The 2019 Sawmill Seminar Series at the Paul Bunyan Show!

Brian Bond, who has presented the *Sawmill & Woodlot* magazine seminar series at the Paul Bunyan show for a number of years now, returns again this fall. Brian is a professor and extension specialist in the Department of Sustainable Biomaterials at Virginia Tech and has also written a great article on hardwood lumber grading in this issue.

Brian's seminars will guide you from log to lumber during the two days. You can sign up for all six seminars to get exposure to the entire process, or you can select those sessions specifically targeted to your needs. For more information, see below or go to www.ohioforest.org.

Hardwood Log Grading. When purchasing or selling logs, you must first determine their value, which requires estimating the volume, quality, and value of potential products produced. This session includes a field portion where the techniques will be applied. Those attending should come prepared with a measuring tape and something to write with. A calculator may also be useful.

Introduction to Sawing Logs Using Different Techniques (Part 1). Various sawing patterns are used to maximize the value of material produced from a hardwood log. In this session, different sawing methods and the best way to apply each will be discussed, including live sawing, cant sawing, and grade sawing.

Exercises for Sawing Using Different Techniques (Part 2). The various sawing patterns discussed in "Introduction to Sawing Logs Using Different Techniques" will be applied to hardwood logs. Participants will be asked to use the knowledge gained in the first session during sawing exercises.



Specialty Sawing. The most common specialty sawing techniques include quartersawing and rift sawing. This session will discuss several methods for producing quartersawn and riftsawn lumber and the unique properties of these types of materials. The session will also include a sawing demonstration.

Lumber Grading. When selling hardwood lumber, there must be a consistent way to estimate its value. This seminar will introduce participants to the standard grading rules of the National Hardwood Lumber Association (NHLA) and demonstrate how they are applied. Participants are expected to participate in the application of the grading rules. Bring a calculator and something to write with.

Introduction to Lumber Drying. The price of properly kiln-dried lumber is often double the price of green lumber and being able to supply dry lumber increases the number of markets that one can sell to. This seminar will cover the basic information that a small operator should know and consider regarding the drying of hardwood and softwood lumber, including suggested drying methods and equipment for small operators, the basics of how wood dries, and defects associated with drying.

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