

CLT Markets for Hardwood Lumber Producers

CLT Markets for Hardwood Lumber Softwood Lumber Producers

Low-value Hardwood Lumber Economically Producing Structural Grade Hardwood Lumber (SGHL)

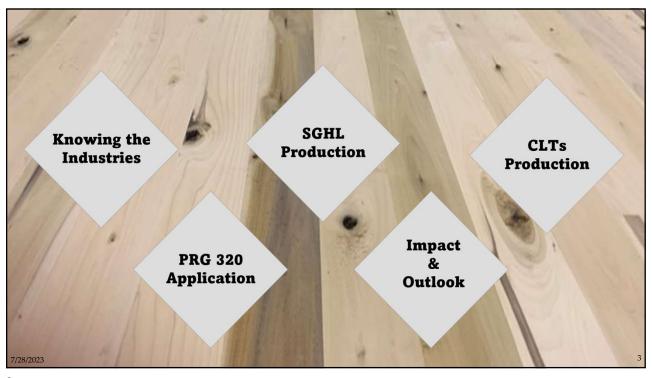
2020

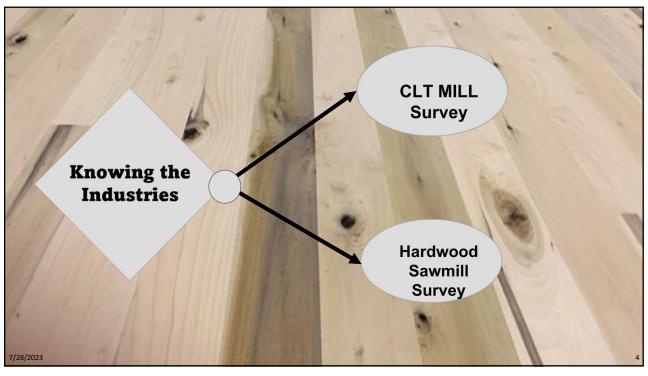
2023

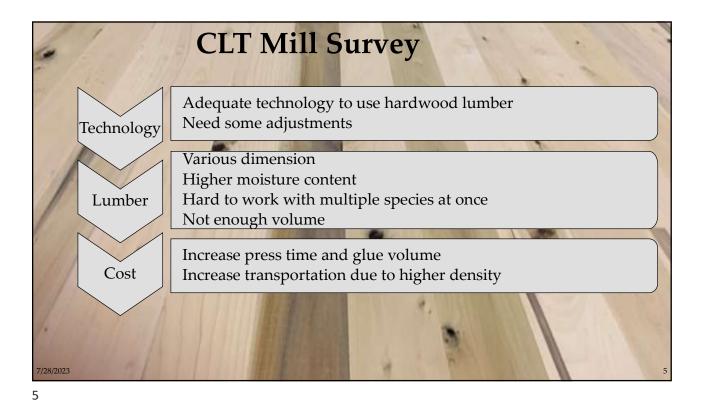
CLT Markets for Hardwood Hardwood Hardwood-Softwood Hybrid Layups in CLT

CLT Markets for Hardwood Lumber Producers

HCLT Using Random Width Hardwood Lumber





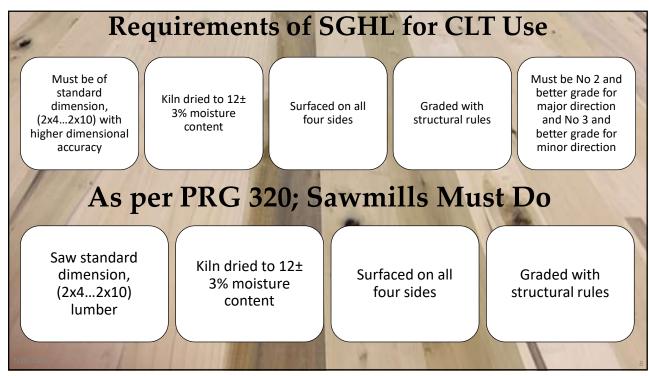


Hardwood Sawmill Survey Distribution of Sawmills Needs Express as Readiness Index RI Value Do you have SGHL: 35 Sawing capacity 30 Drying capacity Surfacing capacity Number of Sawmills •Grading capacity Sorting capacity •Inventory space 15 10 •RI =6 have all resources •RI = 0 have no resources Readiness Index Value

6

7/28/2023





Who Provides Grading Service For SGHL?

SGHL must be graded with exact same rules used to grade softwood lumber so any agencies/grader who has license to grade structural grade lumber can grade

Rules Writing Agencies

Rules for which grading is authorized

C

What Should be Avoided to Produce SGHL?

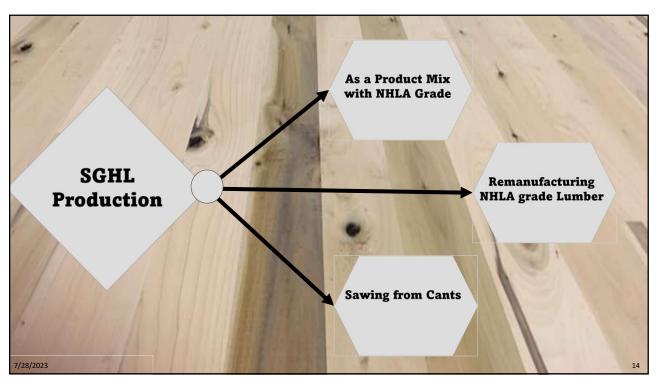
Defects in the ends, end grain knots, end knots, missing wood, mechanical damage, end splits, etc. These are not allowed as it does not allow the lumber to finger join correctly and creates weak finger joints.

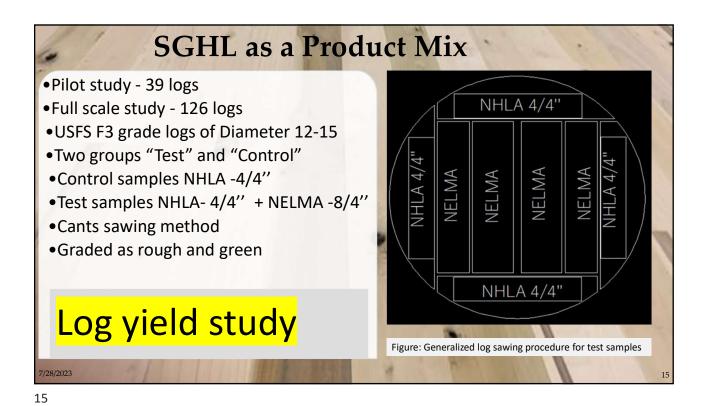




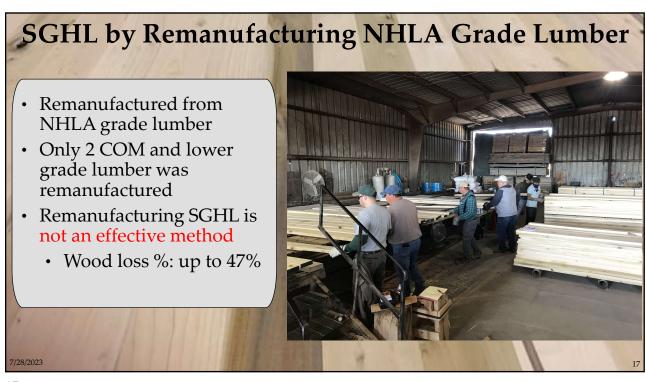
What Should be Avoided to Produce SGHL? Large Bark Pockets that go all the way through the board. This creates a weak spots in the cross section of the lamellas.

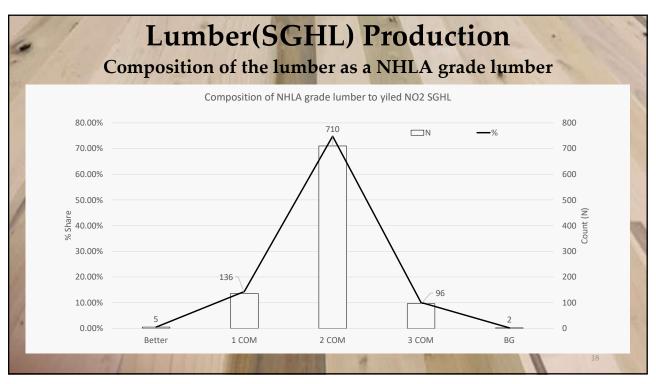






SGHL as a Product Mix LogTypes Control 80 Mix-grade lumber production could add MXvalue ('\$') 27 % more revenue than producing only NHLA-grade lumber Cant sawing method used 40 12 15 LogDiameter





			1 1 11
	Cross-section	Length	Number
	6x6	12	30
		14	30
		16	30
	8x8	12	30
		14	30
		16	30
	Total		180
		13111	

