



	FAS	F1F	SELECT	#1 COM	#2A & 2B	#3A COM	#3B COM	FAS Limits			
Minimum Size Board	6" x 8'	Same as FAS for species being graded	4" x 6'	3" x 4'	3" x 4'	3" x 4'	3" x 4'	Pith = SM in inches  Wane = 1/2 Length  Knot = 1/3 SM  Warp = Entire board must be flat enough to S2S to S.S.T.  Splits: Not to exceed 2 x SM or 12" whichever is greater  Splits shall not diverge 1" in 12"  First Lineal Rule: Applies to both ends of Board to contain not less than 50% clear wood, 25% sound wood.	<b>Wane in FAS 1 FACE</b> FAS limitation applies to Better Face  #1 Common side: 1/3 W or 1/2 L Widest wane added together; Length can be on both edges		
Minimum Size Cutting	4" x 5' 3" x 7'	Better Face to Grade FAS  Poor Face to Grade #1 Common		4" x 2' 3" x 3'	3" x 2'	3" x 2'	Not less than 1-1/2" wide containing 36 sq. inches		<b>Wane in Selects</b>  <u>Pcs. 6" &amp; Wider</u> FAS limitation applies to Better Face. #1 Common side: 1/3 W or 1/2 L Widest wane added together. Length can be on both edges.		
Basic Yield	SM x 10 83-1/3%			SM x 8 66-2/3%	SM x 6 50%	SM x 4 33-1/3%	SM x 3 25%		<u>Unlimited Sound Cuttings</u>	<u>Pcs. 4" &amp; 5" Wide</u> 1/3 W or 1/2 L applies to both faces.  Add widest wane together.  Add total length of wane from both edges.	
Formula to Determine Number of Cuts	$\frac{SM}{4}$ (4 max)			$\frac{SM + 1}{3}$ (5 max)	$\frac{SM}{2}$ (7 max)	Unlimited	Unlimited			Splits shall not diverge 1" in 12"	NOTE: This chart summarizes the main requirements for the standard grades. For complete information, consult the appropriate section of the NHHLA Rule Book.
SM Needed to Take Extra Cutting	6-15' SM			3-10' SM	2-7' SM						
Extra Yield Needed for Extra Cutting	SM x 11 91-2/3%			SM x 9 75%	SM x 8 66-2/3%						
Special Yields	97% Rule - 2 cuts full widths any length; Pcs. 6" & wider with 6-12' SM SM x 11.64 for Yield	97% Rule - On Better Face	97% Rule - On Better Face 2' x 3' SM to be 100% clear or SM x 11 in one cutting	1' SM - 100% 2' SM - SM x 9	1' SM - SM x 8 #2A Com - Clear Cuttings #2B Com - Sound Cuttings	#2A Com on Better Face and reverse side of cuttings sound; will also qualify for 3A Com					