Chainsaw Fie	eld Guide	Risk
	Fall tree to multiple lays	Low
Objective	Bucking or Limbing Only	Low
How do I get home safely?	Fall tree within 45 degrees	Moderate
What needs to be done?	of specific lay	
What is your desired lay?	Fall tree within 5 degrees of	High
What obstacles exist and are their values high?	specific lay	STOP
their values high?	No safe lay	Reevaluate
Hazards	Static Hazards	Low
Overhead hazards		
Other Tree hazards in	Dynamic Hazards	High
cutting area	No Escape from Hazards	STOP
Environmental Hazards	·	Reevaluate
Cutting area hazards	<30% Fiber at Hinge	STOP
• Wood Hazards – rot, cracks,	70	Reevaluate
<ul> <li>live, dead, fire weakened</li> <li>Human factor Hazards</li> </ul>	Base won't support stem if cut	STOP Reevaluate
Hung/jack straw trees	Cut	Reevaluate
	Side	
Leans (Falling)	< 3 feet	Low
Side to Side     Head or Back	3 ft5 ft.	Moderate
Risk of barber chair?	>5 ft.	High
NISK OF DATUCT CHAIL!	Head	
	<3 ft.	Low
	>3 ft. Back	Moderate
	1-2" lift to overcome	Moderate
	>2" lift to overcome	High
Binds (Bucking)	Binds	
Top/Bottom	Known Low release of	Low
Side to side	energy	
• End to end	Release of energy know but may require a series of cuts	Moderate
Combinations	High release of energy	High
	expected or unknown	-11-g-1
	Angle	
	Diagonal both clear	Low
Escape paths	Only 1 escape path	Moderate
	Distance from Tree	Τ.
	15ft 10ft-15ft	Low Moderate
	Cover <10 ft	Moderate
	No Escape Path	STOP
	·	Reevaluate
	Undercut/Hinge	· ·
	Single cut undercut	Low
	Sound Fiber	Low
	Compromised Fiber  Double cut undercut	Moderate
	Sequence of cuts	Moderate
<b>Cutting Plan</b>	All from 1 side, escape to	Low
<ul> <li>Hinge design (80/10)</li> </ul>	same side	20
Undercut	Requires moving from side	Moderate
Back cut	to side of tree.	
Sequence of cuts	Backcut Single backgut	Low
Type of bucking cut	Single backcut	Low
Slope steepness	Double cut backcut	Moderate
	>Double cut Cutting plan does not meet	High STOP
	objective and needs to be	Reevaluate
	changed	
	Cutting plan does not meet	STOP
	sawyers ability and	Reevaluate
	qualifications	

Crosscut and Ax	a Field Cuide	Risk
Crosscut and Ax	Fall tree in any direction	Low
01: 4:	Fall tree in specific lay	Moderate
<u>O</u> bjective	Buck small bole where piece	Low
• How do I get home safely?	can be easily lifted and	2011
What needs to be done?	moved.	
What is your desired lay?	Buck large bole with pre-plan	Moderate
What obstacles exist and are their values high?	of how to move piece	
their values high?	No safe lay	STOP
	0.21 1:11 111 1	Reevaluate
<u>H</u> azards	0-2 Individual Hazards 3-5 Individual Hazards	Low Moderate
<ul> <li>Overhead hazards</li> </ul>	>5 Individual Hazards	
Other Tree hazards in		High STOP
cutting area	No Escape from Hazards	Reevaluate
Environmental Hazards     Continuo and hazards	<30% Fiber at Hinge	STOP
<ul><li>Cutting area hazards</li><li>Wood Hazards – rot, cracks,</li></ul>	Coope Floor at Timgo	Reevaluate
live, dead, fire weakened	Base won't support stem if	STOP
Human Factor Hazards	cut	Reevaluate
Leaners and jack straws		
Leans (Falling)	Side	
• Side to Side	< 3 feet	Low
Head or Back	3 ft5 ft.	Moderate
Risk of barber chair?	>5 ft.	High
	Head	T
	<3 ft.	Low
	3ft-6ft >6 ft.	Moderate High
	Back	підіі
	<1" lift to overcome	Moderate
	>1" lift to overcome	High
	Back lean on tree <12" DBH	High
	Binds	
Binds (Bucking)	Known low release of energy	Low
Top/Bottom	Release of energy know but	Moderate
Side to side	may require a series of cuts	***
• End to end	High release of energy	High
Combinations	expected or unknown  Angle	
	45 degree both clear	Low
	Only 1 escape path	High
-	Distance	111911
<b>E</b> scape paths	15ft	Low
	10ft-15ft	Moderate
	No escae path	STOP
		Reevaluate
	Undercut/Hinge	T
	Conventional undercut	Low
	Sound Fiber	Low
	Compromised fiber Weak side vertical chopping	Moderate Moderate
	Undercut-other	Moderate High
<b>Cutting Plan</b>	Backcut	111gii
• Hinge design (80/10)	Double sawyer	Low
Undercut	Single sawyer	Moderate
Back cut	Bucking	
Type and sequence of cuts	Double sawyer	Low
Wedging Plan	Single sawyer - underbucking	Moderate
• Chopping	Cutting height above	High
	shoulders	8-
	Wedging	
	Cutting plan does not meet	STOP
	objective	Reevaluate
	Cutting plan nees to be	STOP
	changed	Reevaluate