

Supplementary Materials

Table S1. Commercial thinning schedule (assortment volume, $\text{m}^3 \text{ha}^{-1}$) in stands with different initial densities (trees ha^{-1}) and thinning criteria: KKC1—thinning is done when the relative stand density reaches 0.95 and is then reduced to 0.7; KKC2—thinning is done when the relative stand density reaches 0.95 and is then reduced to 0.45; KKC3—thinning is done when the relative stand density reaches 0.95, and in the first commercial thinning it is reduced to 0.45 and in the second thinning to 0.7.

Precommercial Thinning Alternative	Stand Density after Precommercial Thinning, Spruces ha^{-1}	Commerical Thinning Regime	Age, Years						
			25	30	35	40	45	50	55
Low density	600	KKC1							
		KKC2							
		KKC3							
	700	KKC1							91
		KKC2							91
		KKC3							106
	800	KKC1							91
		KKC2							102
		KKC3							111
	900	KKC1						78	
		KKC2						98	
		KKC3						103	
Moderate density	1000	KKC1						62	
		KKC2						88	
		KKC3						93	
	1100	KKC1						45	102
		KKC2						75	
		KKC3						81	
	1200	KKC1						56	101
		KKC2						86	
		KKC3						93	
1300	KKC1						62	101	
	KKC2						92		
	KKC3						99		
Unthinned	1400	KKC1						42	66
		KKC2						73	
		KKC3						82	
	1500	KKC1						49	66
		KKC2						80	
		KKC3						89	
	1600	KKC1						29	64
		KKC2						58	
		KKC3						69	
	1700	KKC1						34	64
		KKC2						63	
		KKC3						74	