

Baltic ForBio



Photo: Google Maps

Stand characteristic before thinning

Average DBH (cm)	9
Average height (m)	10
Number of trees (trees per ha ⁻¹)	2 590
Standing volume (m ³ /ha ⁻¹)	110



Photo: L. Šestakovska

Stand management targets

They are reducing the number of trees of the dominant species or competing trees by at least 500 trees per hectare and, in addition to income, thinning to leave future promising trees.

No forestry interactions have been done before. Early thinning improves the situation and the quality of trees, as well as to make the first profit.

Stand characteristic after thinning

Average DBH (cm)	10
Average height (m)	10
Number of trees (trees per ha ⁻¹)	2 000
Standing volume (m ³ /ha ⁻¹)	49



Photo: L. Šestakovska

Mechanical damages due to thinning

After thinning, there are not any extensive damages. The forwarding process happened in the autumn period. In wet places, harvesting residues are covered in technologic corridors. The roots of the trees are not damaged.

Applied work method in thinning

Pre-commercial thinning is done with a hand-held chainsaw, brush cutter, such a technique is the most optimal option, as it causes less damage to the remaining trees and is the most economically advantageous. Extracted trees are stacked in loadings, brought to the road for chipping.

Technical units:

Forwarding is done using *MTZ - 820*

Technical specification:

Load capacity: 2 730 kg

Power: 80 zs

Length: 4 120 mm

Height: 2 800 mm

Width: 1 970 mm



Photo: www.mtz-serviss.lv

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