

FNE 12-751, Effects of Controlled Disturbance within Early-Successional Northeastern Forest Habitat: Evaluating Soil Quality, Plant Production, and Economic Feasibility

Plot Setup Cost Analysis - These figures are estimated based on the costs incurred for this project. Costs include only the cost of setup for each treatment. They do not include the cost of plants or upkeep and maintenance costs incurred after the initial setup.

Scenario 1: Hugelkultur Prep = (1/2) of Control Prep

Control	Per Acre
Clear cut	\$2,000
Stumping and other major land prep	\$6,290
Plowing	\$575
Cover Crop Seed and Labor	\$544
Lime	\$127
Cost of planting	\$3,485
Total	\$13,020
Hugelkultur	Per Acre
Clear cut	\$2,000
Stumping and other major land prep	\$3,145
Other Hugelkultur construction costs	\$14,520
Lime	\$127
Cost of planting	\$3,729
Total	\$23,521
Early Successional	Per Acre
Clear cut	\$2,000
Lime	\$127
Cost of planting	\$3,973
Total	\$6,099

Scenario 2: Hugelkultur Prep = (1/4) of Control Prep

Control	Per Acre
Clear cut	\$2,000
Stumping and other major land prep	\$7,545
Plowing	\$575
Cover Crop Seed and Labor	\$544
Lime	\$127
Cost of planting	\$3,485
Total	\$14,275
Hugelkultur	Per Acre
Clear cut	\$2,000
Stumping and other major land prep	\$1,886
Other Hugelkultur construction costs	\$14,520
Lime	\$127
Cost of planting	\$3,729
Total	\$22,262
Early Successional	Per Acre
Clear cut	\$2,000
Lime	\$127
Cost of planting	\$3,973
Total	\$6,099