

Speckled Alder Regeneration Study:

The purpose of this study was to investigate the regenerative capacity of speckled alder based on different harvesting methods and to establish a plantation using seed propagation. Based on a literary review of studies with other coppices, both the type of harvesting equipment used (saw / axe), as well as the time of harvest (summer / winter) would impact the regeneration of speckled alder. A winter harvest utilizing a saw type implement would prove most conducive to regeneration. Results are in shown in table 1.

Table 1 Tonnes of biomass per hectare (wet) from three years of alder regeneration after harvesting.

	Saw ó Summer	Saw ó Winter	Axe ó Summer	Axe ó Winter
Rep 1	5.92	5.50	5.07	2.69
Rep 2	3.01	8.46	6.49	4.05
Rep 3	12.00	6.77	1.55	8.47
Avg	5.99	6.92	4.46	4.63
Std Dev	4.59	1.49	2.54	3.02