

Uniform Shelterwood

Shelterwood is defined as one or more thinning operation(s) carried out in stands in order to provide conditions conducive to the establishment of natural regeneration and/or enhance the growth of regeneration already present (which is not completely established) under the protection of the old stand, and to salvage wood that would normally be lost to mortality.

Eligibility Criteria:

- * Mature, windfirm, softwood stands.
- * The stocking of these stands must be at least 20 percent spruce*, white pine, cedar and/or hemlock. Special considerations for high density, balsam fir stands.
- * Stocking of established natural regeneration is < 60%.
- * Established regeneration is defined as seedling that are firmly rooted in the mineral soil and at least 30-cm tall. (12" +)
- * Low light conditions at the forest floor resulting from excessive crown closure must be inhibiting the natural regeneration process.
- * Stands must have an average merchantable diameter of at least 14 -cm at breast height and be located on good sites.
- * Only the initial treatment is eligible for financial assistance.

* Note: Old field white spruce does not respond to this treatment unless sufficient soil disturbance is achieved through scarification.

Inspection Criteria:

- * Basal area removal in the range of 25-40%.
- * Residual trees must be of the desired species, be windfirm, and have good branch, stem and form characteristics.
- * Crown to stem ratio must be one-third or better.
- * Residual spacing, density and crown closure must be adequate to meet the stated objectives.
- * Stand must be stocked to at least 20% with spruce, white pine, cedar and/or hemlock.
- * Average merchantable diameter of the stand at breast height is 14 cm or greater.
- * All merchantable material must be removed or prepared for extraction and non-merchantable material laid close to the ground.
- * Stocking of acceptable established natural regeneration is < 60%.
- * Merchantable volume removed does not exceed 90 m³(st)/ha. (10 cd/ac)

S.N.B. Fund Assistance Rate: \$350/h

