



AK Forest Stewardship - Private Landowner Support Cost Share Program

Scarification Worksheet – Practice Requirements & Specifications

Landowner	Stewardship Plan ID	Approved Acres
Cost Share Rate (Per Acre)		
Scarification		\$ 259.13
Maximum Reimbursement	Completion Deadline	

Goal: Promote the regeneration of fire-resistant native hardwood species.

Practice Description: Mechanical site preparation to expose mineral soil and create favorable seedbed conditions for natural regeneration of desired species.

Forest Type:

- ☐ Boreal Forest
- ☐ Coastal Temperate Forest

Scarification Specifications:

- ☐ **All Forest Types:**
 - Expose 30% - 50% of mineral soil surface in forester designated implementation areas.
 - Forester Designated Scarification Depth:**
The forester will specify the required scarification depth prior to implementation. Depth may vary by treatment unit to achieve adequate mineral soil exposure while minimizing unnecessary soil disturbance.
 - Depth:** _____

Site Preparation Method:

- ☐ Disc Harrow
- ☐ Dozer Scarification
- ☐ Drum Chopper
- ☐ Other (specify): _____

Site Selection Criteria:

Appropriate Sites:

- Recent harvest areas (within 2 years)



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- Post-thinning sites with adequate light
- Sites with an existing hardwood seed source nearby

Avoid Scarification:

- Slopes greater than 35%
- Areas prone to erosion
- Wet or seasonally flooded areas
- During snow cover
- During heavy rain periods

Primary Regeneration Target Species:

- ☐ Paper birch (*Betula neoalaskana*)
- ☐ Quaking aspen (*Populus tremuloides*)
- ☐ Balsam poplar (*Populus balsamifera*)
- ☐ Sitka spruce (*Picea sitchensis*)
- ☐ Western Hemlock (*Tsuga heterophylla*)
- ☐ Other: _____

Implementation Timing:

Optimal Timing:

- Conduct scarification during snow-free conditions when soils are sufficiently dry to prevent rutting, compaction, or other site damage.

Special: Coordination with thinning and sanitation harvest activities

Approval Requirements:

- ☐ Notify DFFP within 30 days of completion



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Insert Practice Implementation Map Here