



AK Forest Stewardship - Private Landowner Support Cost Share Program

Invasive Species Removal Worksheet – Practice Requirements & Specifications

Landowner	Stewardship Plan ID	Approved Acres
Cost Share Rate (Per Acre) Treatment Method		
Mechanical Treatment	\$	421.43
Herbicide Application	\$	121.65
Silvicultural Slash Treatment	\$	185.47
Total Rate Per Acre	\$	728.55
Cost Share Rate (Small Stems < 5" DBH) Area × Canopy Cover Dense small stems (≥ 10% canopy cover) are paid by treated area × cover-class rate; scattered stems (< 10% cover) are paid per stem below. Herbicide, slash, and mobilization are included in all rates. Forester estimates canopy cover at the pre-treatment site visit.		
Cover Class	Invasive Canopy Cover	Rate per 1,000 sq ft
Light	1 – 25%	\$ 6.69
Moderate	26 – 50%	\$ 10.87
Heavy	51 – 75%	\$ 14.22
Very Heavy	76 – 100%	\$ 16.73
Per-acre equivalents (× 43.56): Light \$291.42 · Moderate \$473.56 · Heavy \$619.27 · Very Heavy \$728.55. Combined baseline (Mechanical + Herbicide + Slash) = \$728.55/acre = \$16.73/1,000 sq ft; rates above scale it by cover class. Use whichever unit fits the patch — small patches in 1,000 sq ft, larger areas in acres.		
Cost Share Rate (Per Stem) Herbicide, slash & mobilization included in all rates. Small stems (< 5"): per-stem rates apply only where scattered (< 10% cover); at ≥ 10% cover use the Area × Canopy Cover rates above.		
Seedlings (0 – 0.9 inch caliper) – scattered only (< 10% cover)	\$	10.00
1.0 – 4.9 inches DBH – scattered only (< 10% cover)	\$	50.00
5.0 – 9.9 inches DBH – any density	\$	175.00
10.0 – 14.9 inches DBH – any density	\$	500.00
> 15.0 inches DBH – any density	\$	950.00
Maximum Reimbursement	Completion Deadline	

Goal: Prevent the establishment of invasive plant species and remove existing invasive infestations.

Practice Description: Mechanical and chemical treatment to eradicate invasive Prunus species from private forestlands to restore native ecosystem function.



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☐ **Target Species Identification:**

- **Prunus padus (Bird Cherry)**
- **Prunus virginiana (Chokecherry)**
- **Other:** _____

Invasive Species Removal Specifications:

☐ **Mechanical Treatment:**

- Cut stems at ground level
- Cut during the tree's active period (between leaf out and dormancy)
- Herbicide must be applied within 30 minutes following mechanical treatments.

☐ **Herbicide Application:**

- Herbicide application is necessary due to the difficulty of fully removing trees by pulling or digging, and to prevent resprouting from cut stumps.
- Use EPA/Alaska registered herbicides only
- Work must be completed by certified pesticide applicators when:
 - applying restricted use pesticides
 - applying any pesticides on property other than their own
- Always read and follow the instructions on herbicide labels to ensure safe, effective, and legal application.
- Herbicide use in residential settings generally involves products containing active ingredients such as glyphosate (EX: *Roundup*®), triclopyr (EX: *Brush-B-Gon*®, *Garlon*®), or 2,4-D (EX: *Weed-B-Gon*®, *Amine 4*®). In forested areas and along rights-of-way, herbicides with imazapyr (EX: *Arsenal*®, *Chopper*®) or aminopyralid (EX: *Milestone*®) may also be utilized.

Herbicide Application Method

- ☐ **Foliar:** Herbicide is sprayed onto actively growing leaves, ideal for dense infestations of small seedlings but may affect surrounding vegetation.
- ☐ **Cut Stump:** Herbicide is applied to a freshly cut stump within 30 minutes to prevent regrowth.
- ☐ **Frill:** Herbicide is applied into cuts made through the bark, allowing standing trees to die in place.



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- ☐ **Basal Bark:** Herbicide mixed with oil is applied to the lower trunk, effective year-round on smaller trees without snow cover.
- ☐ **Injection:** Herbicide is injected directly into the tree trunk using specialized equipment for targeted and efficient control.
- ☐ **Silvicultural Slash Treatment:**
 - Remove all cut material to prevent resprouting and dispose of at an approved facility.
 - Chip or burn material if staying on site
 - **Note:** Obtain burn permit when needed – learn more at dnr.alaska.gov/burn/

Site Selection Criteria:

Appropriate Sites: Forester designated stems or treatment areas

Avoid: Herbicide treatments during wet or windy conditions.

- Herbicide treatments during wet or windy conditions
- During heavy rain periods
- **Special:** Continued monitoring is recommended to manage emerging sprouts and identify root suckers. Prompt treatment of new infestations is advised.

Approval Requirements:

- ☐ Notify DFFP within 30 days of completion



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Insert Practice Implementation Map Here