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Section 4
Mechanical and Physical Control:
Tools for Invasive Plant Removal

Hand-pulling, Digging, Mowing, and Cutting



Hand-pulling privet. Photo: James H. Miller, USDA Forest Service, Bugwood.org



Professor and student dig out plant. Photo: University of Vermont, UVM.edu

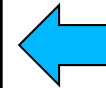


Loppers for vine cutting. Photo: Erin Griffin, Bugwood.org



A mower cuts down invasive Phragmites. Photo: Rachel Carson National Wildlife Refuge in Maine, U.S. Fish & Wildlife Service

Tools to Remove Invasive Trees & Shrubs



Left: Fiskars UpRoot® Weed & Root Remover.
Photo: www.homedepot.com.
Middle: Uprooter. Photo: www.theuprooter.com
Right: Pullerbear Tree and Root Puller. Photo: www.pullerbear.com

Using the Extractigator. Photos: www.extractigator.com

Flame Weeding

(using a propane torch)



*Jane Seymour (DEEP) conducts a safety check.
Photo: Chris Bunce*



Propane torch. Photo: Charlotte Pyle, USDA NRCS

Safety and use training is required before operating this device!

Foliar Spray – Herbicides



High-volume foliar spray. Photo: Steven T. Manning, Invasive Plant Control, Bugwood.org



Spraying to control invasive plants.
Photo: Chris Mattrick, New England Wild Flower Society



Foliar wick applicator.
Photo: Steve Manning, Invasive Plant Control, Bugwood.org

Always follow all directions, including safety instructions, listed on the herbicide label.

Cut-and-paint Herbicide Method



Paintbrush used to apply herbicide to freshly cut stump. Photo: Jeff Schalau, University of Arizona College of Agriculture & Life Sciences



Top: Chainsaw used to cut stump low for treating. Bottom-left: Treat circumference of large stump. Bottom-right: Treat entire top of small stump. Photos: James H. Miller, USDA Forest Service, Bugwood.org

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