

Checklist – Hemlock Treatment Project

This document lists the equipment and supplies needed for USFS, DNR, and other hemlock treatment projects, excluding SGH-GATC and SGH-GCA projects. The materials are to be provided by the project sponsors/leaders. Volunteers are responsible for their own personal protective equipment, including long pants, long sleeved shirt, sturdy footwear with socks, and jacket or raingear as needed. Project sponsors/leaders are responsible for verifying PPE.

<p>General: Permission from property owner/manager Map, directions, gate code / key (if any) for project site(s) SGH directional signs & SGH at Work signs Mallet & spike for signs Cell phone, volunteer list & phone #s Clipboard & pen for volunteer sign-in/ liability waivers, special form for minors Box of name tags for volunteers & permanent markers Tarp/plastic sheeting for mixing site Snacks & bottled water for volunteers Script for tailgate briefing Caution signs & push pins First aid kit & manual, extra face masks during Covid Emergency phone #s & locations Injector spare parts, large light-colored towel, tools Small measuring cup & bottle cap for calibration testing 3 big containers of water (WARM for Imid 75 WSP or Safari) WD-40 or 3-in-1 oil if using EZ-Ject soil injector Copy of label & SDS for product(s) being used Camera (optional)</p>	<p>1 work bag per team w/large safety pin, carabiner, and SGH tag attached containing the following: Work apron w/pockets Laminated mixing/dosing & infestation photo cards Diameter tape & calculator Notepad, extra pen Roll of flagging tape, 2 permanent markers Rack cards for passers by Baggie of insect repellent, sun screen, hand sanitizer, tissue Clipboard w/ pen, hemlock treatment data sheets, site map(s), team roster Heavy duty work gloves – 1 pair Baggie of 4 cone-shaped paper paint filters, Nitrile gloves (3 pr per person) Funnel Gallon baggie for used funnel, filters & gloves Scissors, spike & small hammer Plastic box for tree tags & aluminum nails if tagging Cloth bag to carry extra chemical Black towel to cover mixed chemical 3 towels for personal clean-up, trash bag for woods clean-up Injector strap with carabiner clip</p>
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<p>Other equipment & supplies per team: Safety vests for team leaders Soil injector, rebar, or sprayer, chemical w/labeling 1 clean & 2 chemical mixing jugs per team Small rake (optional) Spray paint for marking treated trees if not tagging Special measuring cup if using Safari Dust masks or respirator & safety goggles if spraying</p> <p>Other materials that may be needed: Waders or tall waterproof boots 100' rope for stream crossing or rescue Extra empty jugs for leftover mixed chemical Walkie-talkies, extra batteries Bow saw, limb pruner, folding saw Bathroom tissue & folding trowel if no restrooms</p>	<p>Items for USFS projects: Soil injectors & chemical* Prenumbered metal tags & aluminum nails* Hard hats* Site maps* GPS units (optional) Clipboard & pen for Job Hazard Analysis form Treatment data sheets Emergency spill kit & instructions</p> <p>Items for DNR for projects: Soil injectors & chemical Treatment data sheets & site maps Prenumbered metal tags & aluminum nails Caution signs & push pins</p>
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Since the USFS and DNR provide the chemicals, nails, tags, and hard hats for their projects, the **budget** for those projects (excluding the cost of the work kits) is generally \$30 or less for consumable items such as snacks & bottled water, nitrile gloves, masks, paint filters, etc. For non-government treatment project, the cost of the chemicals only is usually borne by the property owner/manager except for SGH charitable projects. (See Chemical Calculator.)

