

Checklist & Budget - Hemlock Sapling Planting

This document lists the equipment, supplies, and budget for general sapling planting projects **not** related to hemlock field insectaries or hemlock restoration on trout streams. All materials – general, consumable, and non-consumable – are to be provided by the project leaders/sponsors, except that volunteers may bring their own tools and work gloves if they wish.

Volunteers are responsible for their own personal protective equipment, including long pants, long sleeved shirt, sturdy footwear with socks, and jacket or rain gear as needed. Project sponsors/leaders are responsible for verifying PPE.

<p>General: Permission from property owner/manager Map, directions, gate code (if any) Cell phone, volunteer list & phone #s Volunteer sign-in/ liability waiver forms on clipboard with pen, special form for minors Permanent markers & name tags for volunteers Bathroom tissue & folding trowel Snacks & bottled water for volunteers Insect repellent, sun screen</p>	<p>Folding table for sign-in & supplies SGH directional signs & SGH at Work signs Mallet & spike for signs First aid kit & manual Emergency phone #s & locations Planting instructions for volunteers Sapling care instructions for property owner/ manager Rack cards for passers-by Hand sanitizer, towels, trash bags Camera (optional)</p>
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Consumable Supplies	Unit	Unit Cost	Comment
Saplings - rescued	tree	\$17.00	Trees 12-15 ft apart
Soil amendments:			
- top soil	bag	\$2.00	1 bag = 2 cu. ft. = 5 or 6 trees
- compost	bag	\$4.00	1 bag = 2 cu. ft. = 5 or 6 trees
- Mr. Natural Woodland Soil Mix	bag	\$5.75	1 bag = 2 cu. ft. = 5 or 6 trees
- Mr. Natural Worm Castings	bag	\$5.75	1 bag = 2 cu. ft. = 5 or 6 trees
Soil additives in packets:			
- Ironite granules	bag	\$13.00	1 bag = 5 lbs = 96 trees, 1 tblsp per tree
- Espoma Holly Tone	bag	\$11.00	1 bag = 5 lbs = 96 trees, 1 tblsp per tree
- Soil Moist	Packet	\$11.00	1 pkt = 8 ounces = 12 trees, 3/4 oz per tree
Initial watering premixed:			
- MiracleGro Quick Start	bottle	\$10.00	1 bottle = 32 ounces = 12 trees, 1 capful per tree
- Imidacloprid 75 WSP	four-pack	\$35.00	1 pkt = 24 trees @ 1" dbh, 2 oz mixture per tree when mixed with 48 oz water
Mulch - shredded hardwood or cypress	bag	\$4.00	1 bag = 2 cu. ft. = 2 trees
Miscellaneous			bamboo stakes, velcro tape, baggies for additives, duct tape & permanent markers to label tools, extra face masks

<p>Non-consumable Equipment & Supplies: 1 pair of garden gloves per volunteer 1 flag per tree to mark planting site 1 gallon of fresh water per tree 1 shovel & 1 mattock per planting team</p>	<p>1 small shovel & large container for every 5 trees to mix soil amendments 1 bucket for every 5 trees to transport soil mix to trees 1 jug for every 5 trees to make initial watering mix 1 pr hand pruners, scissors per planting team</p>
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