

Checklist - Hemlock Sapling Potting

This document lists the equipment and supplies needed for hemlock sapling potting projects. The materials listed are to be provided by the project sponsors/leaders.

Note that this activity may occur in conjunction with a sapling rescue or separately. It normally takes place outdoors and may or may not be near a building where there is access to water and restroom. The usual arrangement is to have **two** tables to serve as potting stations, each equipped with the materials listed.

General:

- 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 if no access to restrooms
- Snacks & bottled water for volunteers
- SGH directional signs & SGH at Work signs
- Mallet & spike for signs
- First aid kit & manual
- Emergency phone #s & locations
- Insect repellent, sun screen
- Rack cards for passers-by
- Rolling cart to transport heavy stuff (like soil containers and water jugs)
- Camera (optional)

Other equipment & supplies per potting station:

- Potting instructions for volunteers
- 6-foot table to work on and a tarp or shower curtain to cover it
- Large tub (36 gallons) of native soil –
The ultimate mixing ratio will be 2/3 native soil with 1/3 mixed soil amendments
- Large tub (36 gallons) for mixing soil amendments:
 - Top soil & compost – equal parts to fill ¾ of container
 - Mr. Natural Woodland Soil Mix & Mr. Natural Worm Castings – equal parts to fill last ¼ of container
- Soil additives:
 - Container of Espoma Hollytone fertilizer – ½ tsp per gallon pot
 - Container of Ironite – ½ tsp per gallon pot
 - Container of Soil Moist water retention granules – ¼ tsp per gallon pot
- Several 1-gallon jugs with pouring spouts for initial watering mix:

The native soil should be from the site where the saplings were dug or a site with similar growing conditions.

If using Imidacloprid 2F / 2L: <ul style="list-style-type: none"> ○ 65 oz of water ○ 50 oz of Imidacloprid 2F/2L ○ MiracleGro Quick Start root stimulator – 1 capful 	If using Bayer Advanced Tree & Shrub: <ul style="list-style-type: none"> ○ 120 oz of water ○ 4 oz of Bayer AT&S ○ MiracleGro Quick Start root stimulator – 1 capful
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- Freshly dug saplings in bags with their original dirt
- Planting pots of various sizes
- Trowels, hand pruners, garden gloves
- Bamboo stakes, velcro tape, scissors
- Hand sanitizer, towels, trash bag

See next page for budget information.



Budget Information for Potting Saplings

Consumable Supplies	Unit	Unit Cost	Comment
Saplings - rescued	tree	\$0.00	
Soil amendments:			A 36-gallon tub of soil amendments mixed as indicated in the materials list is usually enough to pot 24 saplings in 1-gallon pots.
- top soil	bag	\$2.00	
- compost	bag	\$4.00	
- Mr. Natural Woodland Soil Mix	bag	\$11.00	
- Mr. Natural Worm Castings	bag	\$9.00	
Soil additives:			
- Ironite	bag	\$13.00	
- Espoma Holly Tone	bag	\$11.00	
Soil Moist	packet	\$11.00	1 packet is usually enough for 24 saplings in 1-gallon pots.
Initial watering:			Each gallon of initial watering mix prepared as indicated in the materials list is usually enough for 6-8 saplings in 1-gallon pots.
- MiracleGro Quick Start	bottle	\$10.00	
- Imidacloprid 2F/2L	gallon	\$70.00	
Miscellaneous			refreshments, bamboo stakes, velcro tape, baggies for soil additives, scotch tape, planting/care instructions