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 repellant, sun screen
- Rack cards for passers-by
- Rolling cart to transport heavy stuff (like soil containers and water jugs)

The native soil should be from

the site where the saplings were

dug or a site with similar growing conditions.

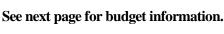
Camera (optional)

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:
 - o Top soil & compost equal parts to fill 3/4 of container
 - o Mr. Natural Woodland Soil Mix & Mr. Natural Worm Castings equal parts to fill last 1/4 of container
- Soil additives:
 - o Container of Espoma Hollytone fertilizer—½ tsp per gallon pot
 - \circ Container of Ironite $-\frac{1}{2}$ tsp per gallon pot
 - \circ Container of Soil Moist water retention granules $\frac{1}{4}$ tsp per gallon pot

Several 1-gallon jugs with pouring spouts for initial watering mix:		
If using Imidacloprid 2F / 2L:	If using Bayer Advanced Tree & Shrub:	
o 65 oz of water	o 120 oz of water	
o 50 oz of Imidacloprid 2F/2L	o 4 oz of Bayer AT&S	
 MiracleGro Quick Start root stimulator – 1 capful 	 MiracleGro Quick Start root stimulator – 1 capful 	

- 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





Budget Information for Potting Saplings

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