



How many seedlings do I need?

To establish the number of seedlings required to fill a known area, use the following calculation method:

When hand planting evergreens, leave 2.1 meters (7 ft) of space between seedlings. This works out to 2200 seedlings per hectare (875 per acre). Hardwoods require more room for planting, approximately 3 meters (10 ft) apart or 1000 seedlings per hectare (400 per acre). Allow for a few less hardwoods in your planting plan based on the extra space required.

Estimate or measure the size of your planting area in hectares or acres and multiply that number by the appropriate number of seedlings. This will give you the number of seedlings required to fill the planting site at the prescribed spacing. For information regarding establishing windbreaks, inquire about our Caring for Our Land Factsheets or contact CVC forestry staff for details.

Considerations Prior to Planting your Seedlings

Please call us to find out when to purchase your bare root seedlings. When you pick up your order they will be coming from a cold storage unit and are packaged in large paper bags with a plastic liner. This will maintain the condition of your seedlings for the short term. Remember your seedlings are in a dormant state and do not have soil around their roots. Until planted they are susceptible to damage from: overheating; rough handling; and drying out.

Poor handling prior to and during planting can adversely effect seedling survival. Always plan to plant your seedlings as soon as possible after pick up.

How Should I Transport my Seedlings?

- Transport your seedlings in a covered vehicle or under a tarp.
- Handle your seedlings gently through this process.
- Allow for air circulation around the bags.
- Minimize your travel time; unload and store ASAP.

How to Store Seedlings Prior to Planting

- Do not stack the bags of seedlings.
- Do not drop or throw the bags.
- Store in a cool, dark place for 1 or 2 days until ready to plant.
- Store at less then 5°C if planting is delayed.

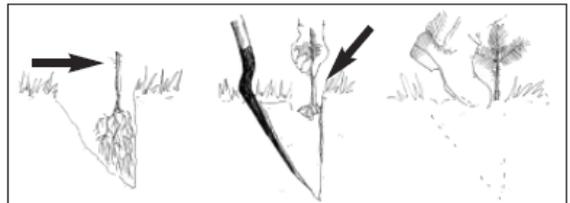
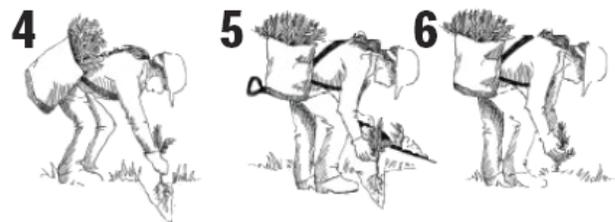
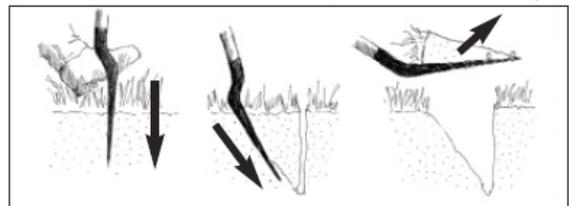
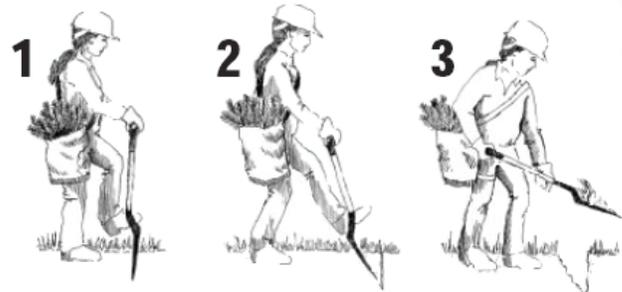


Tree Planting Service



How do I properly hand plant a seedling?

- Remove the sod layer and clean around the spot where you want to plant your tree.
- Slice the shovel vertically in to the soil, then on a 45° angle to the first cut to lift out a wedge of soil.
- Ensure the hole is big enough to accommodate all the roots.
- Place the seedling in the hole against the vertical cut making sure all roots are in the hole.
- Replace the wedge of soil and tamp the earth back in the hole with your toe, so that the roots are in complete contact with the soil and without air pockets.
- Plant the seedlings so the root collar is at soil level, do not plant too deeply.
- Do not rush to plant your seedlings; a little care will go a long way to ensuring good survival.



Courtesy: LandOwner Resource Centre

How should I care for my seedlings after planting?

- Regularly walk through your planting to monitor the condition of your seedlings.
- If possible, water your seedlings during extreme heat conditions.
- Remove vegetation that will interfere with seedling growth by mulching around seedlings, mowing or using herbicides.
- Invest in wood chips, mulch mats or brush blankets to control competing vegetation around seedlings.
- Take action against predation from deer, rabbits and mice.
- Within 5 years seedlings should be established and growing well.