

# Roseville Shade Tree Program



## Residential New Construction Shade Tree Rebate Offer

The Roseville Shade Tree program in cooperation with Roseville Electric is currently offering a rebate to residential home developers for trees planted that provide shade to a new home in the City of Roseville.

This program will provide a rebate in the amount of \$30 per qualifying tree to builders who choose to participate. The purpose of this program is to increase the number of properly placed and planted trees in the City of Roseville that will, when mature, adequately provide shade to homes, increasing the homes energy efficiency by effectively cooling the home during summer months and warming the home during winter months. In order to accomplish this, general guidelines will assist in the type and position of each qualifying tree. Only trees that qualify based on these guidelines will receive a rebate.



**Arborist Consultation** – Roseville Electric offers, at no cost, a consultation session with a certified arborist to assist with lot plans, tree selection, tree placements and planting details.

The requirements below allow for maximum energy efficiency benefits by effectively providing shade to a home when trees reach maturity.

### Types of Qualifying Trees

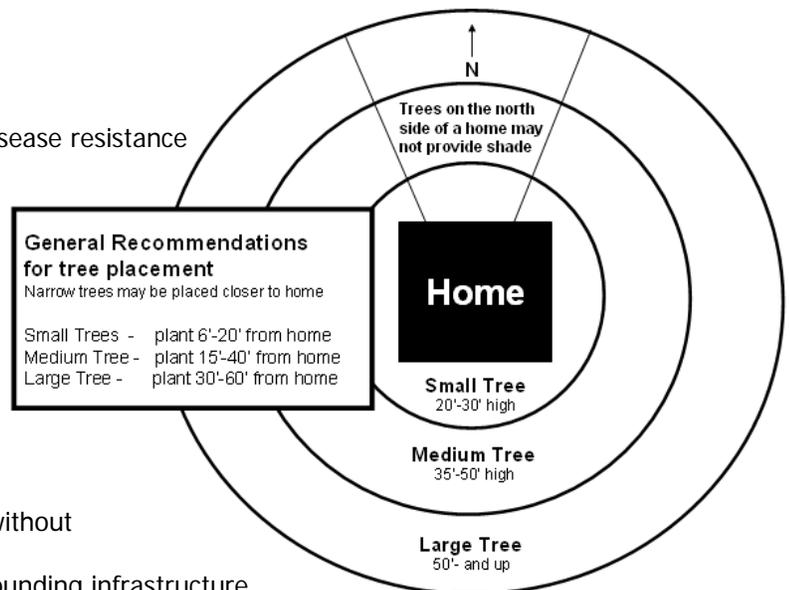
In order to qualify for a rebate, a shade tree will:

- Be deciduous
- Provide canopy for shade
- Be of a species with good structure and pest / disease resistance
- Support a diversity of tree species within a development (preferably no more than 25 percent of the same species)
- Be appropriate for environment and climate zone
- Be of quality nursery stock

### Placement of Trees

In order to qualify for rebate, a shade tree will:

- Provide adequate shade to home when mature without branching over the roof area
- Have room for growth that will not damage surrounding infrastructure
- Not block solar PV unit from direct sunlight when applicable
- Be clear from both underground and over head utilities



To learn more about Roseville Shade Tree Program, call Roseville Electric at 79-POWER or visit [www.RosevilleElectric.org](http://www.RosevilleElectric.org)



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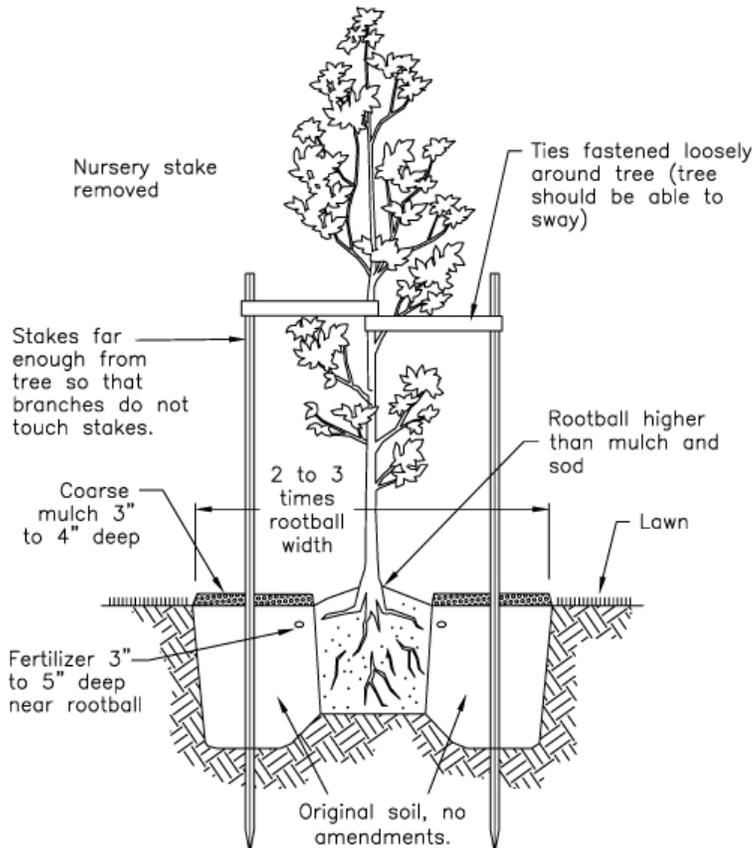
## Rebate process

1. Requestor will submit a reservation application, lot maps and copy of purchase order for trees ordered
2. Roseville Electric will review plans and confirm eligible lots based on tree placement
3. Roseville Electric will make the reservation and commit funding
4. Requestor will submit Multiple Address List form and Request-for-Payment form when trees are planted
5. Roseville Electric will perform a site visit to physically verify compliance
6. Roseville Electric will issue rebate for qualified trees planted



## Planting Details

The diagram below is provided to assist with planting of shade trees. The described method of planting will increase the success rate and ensure each tree has an optimal environment for long-term growth and development. Questions about the planting diagram can be answered by Roseville Shade Tree Program staff. A CAD file of the planting detail is available if desired.



## Tree Planting detail

1. Planting hole
  - 2-3 times wider than rootball
  - Tree is placed on a pedestal of compacted fill or undisturbed native soil.
  - Top of root ball shall be 1-2" higher than finished grade (including sod) so that water does not pool at root crown.
2. Backfill—native soil (no amendments but remove foreign materials).
3. Fertilizer—
  - four tablets 20-10-5 or equivalent per #15 tree.
  - 3-5" deep in fill soil
4. Stakes
  - Remove nursery stake attached to tree
  - Two stakes, 2" diameter, lodgepole, driven into the backfill (not the rootball).
  - Minimize contact of stakes with tree.
  - Two tree ties ("cinch-tie," rubber tree straps or equivalent) attached to stakes with 1¼ threaded galvanized nails. Tree must be free to sway somewhat, but trunks should be supported so they are vertical and straight. Some trees may need 2 sets of ties.
  - Cut off tops of stakes damaged by driving.
5. Mulch—3-4" of clean, woody mulch over backfill leaving rootball uncovered.
6. Water both rootball and backfill thoroughly.