



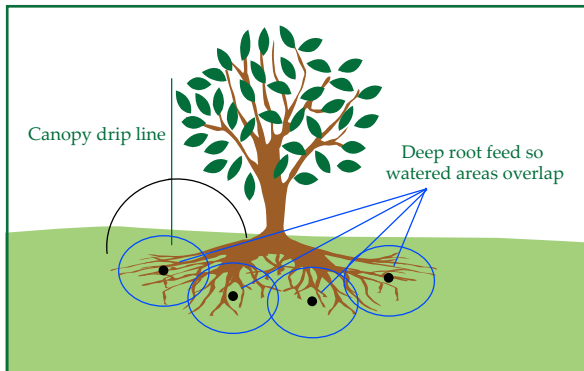
truckee meadows  
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## What is deep root feeding?

Deep root feeding injects water, fertilizers, insecticides and other soil enhancers directly into a tree's root zone, which is where most nutrients are absorbed. Here in the Truckee Meadows, where soils are typically compacted, this process breaks up the soil, creating an easier path for air, water and nutrients to get to the root zone. Keep in mind a tree's root zone is typically no deeper than 12 inches.





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### Benefits of using a root feeder:

- It is more efficient than surface watering because it feeds only the tree, not weeds that may be growing on the surface.
- It stimulates plants that have been stressed by disease, insects or drought.
- It's environmentally friendly because it reduces erosion, evaporation and fertilizer run-off.

### How to use:

1. Add a Ross Root Feeder fertilizer cartridge to the chamber if you wish to fertilize and attach your garden hose. There are different types of fertilizer cartridges for evergreen, deciduous and fruit trees (visit your local garden shop).
2. Turn your hose on and insert the root feeder six to 12 inches deep, about every three to five feet at your tree's drip line.
3. Leave the feeder in the ground for about a minute (or less if water pools to the surface) to ensure the roots receive plenty of water and fertilizer.
4. Fertilize three times per year for each of your trees, at the beginning of spring, summer and fall.
5. To prevent clogging, flush the feeder tube by running water slightly after removing from the soil.