

INFORMATION BULLETIN - TREE PLANTING GUIDE

Simple method for successful planting:

- ❑ Clear planting spot of all weeds (pre-spray Roundup).
- ❑ Mark out tree spacing (see over for guidelines).
- ❑ Cultivate soil to spade's depth (approx. 30cm).
- ❑ Open up large, deep hole to accept seedling roots.
- ❑ Align roots evenly at bottom of hole.
- ❑ Gently, replace soil around tree.
- ❑ Lift tree through loose soil (approx. 10cm) to straighten roots.
- ❑ Firm soil with ball of foot while holding top of tree.
- ❑ Approximately one third of green crown of tree should remain below ground level.
- ❑ Post plant spray (consult with nursery staff).

Planting a larger area:

- ❑ Cultivate planting site with spade or winged ripper. Free ground allows correct placement of roots, strong root development and anchorage.
- ❑ Spot spray with a suitable long term herbicide post planting.
- ❑ Keep tree clear of competition for at least one year.
- ❑ Correct planting is critical. Poor root alignment may lead to toppling and/or windthrow.

Why use winged ripper?

The preparation of your planting site by cultivation with a winged ripper will break up hard soil pans, greatly enhancing early root development and subsequent tree growth.

Winged Ripper Hire

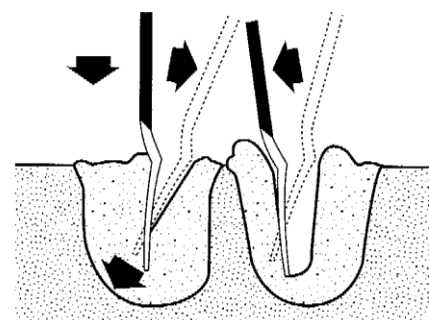
A winged ripper is available for hire from the nursery. A 50-60 horsepower tractor is sufficient to pull our winged ripper.

In order to ensure the winged ripper is available when required, forward booking is essential.

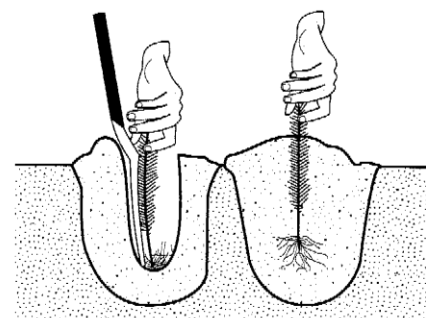
The winged ripper may be hired out for full days or half days. Rental fee is \$60 Half Day or \$90 Full Day + gst.

Open ground stock

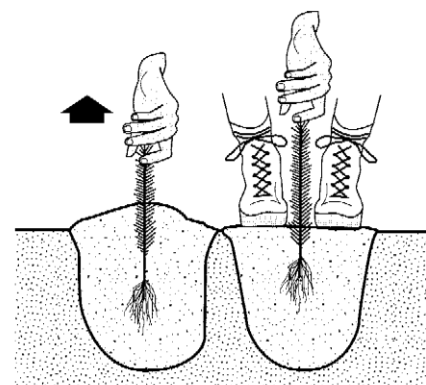
Plant them, do not stuff them.



Open hole in well cultivated soil



Place seedling and fill



Pull up and firm

TREE SPACING GUIDELINES

For Large Areas:

- ❑ Typical tree planting in large areas is 3.2m x 3.2m or 4m x 2.5m giving approximately 1000 trees per hectare.

For Christmas Trees:

- ❑ Plant closer together at 2m x 2m = 2500 trees per hectare.

For Shelter Belts:

- ❑ 1.5m spacing between trees in the row.
- ❑ 1.0 m spacing between rows (if planting more than one row).
- ❑ For faster screening, plant a denser hedge row at 1m apart.
- ❑ Pinus radiata shelter belts can be trimmed.

WHEN TO PLANT

Generally, plant trees within 3-4 days after collection or delivery from the nursery. This is provided that they are kept cool, moist and out of sun and wind.

Timing:

- | | |
|---|-----------|
| ❑ Rip lines with winged ripper if possible | APRIL |
| ❑ Pre-spray with Roundup | APRIL-MAY |
| ❑ Plant | JUNE-AUG |
| ❑ Post plant spray (consult with nursery staff)
A mix of Terbutylazine, Versatil & Gallant | MID-SEPT |

OTHER ADVICE

- ❑ Order tree stocks early.
- ❑ Seek advice from Forestry Consultants, Councils and Rangiora Nursery staff.
- ❑ Ensure adequate fencing.
- ❑ Prepare your planting site by cultivation with a winged ripper.
- ❑ Ensure adequate weed control.
- ❑ Contact a Planting Contractor (refer to nursery website).
- ❑ Eliminate pests e.g. rabbits, hares, possums. A product called “Liquid Shotgun” can be purchased through the nursery to help deter any unwanted rabbits.
- ❑ For more information please feel free to call us or refer to our website:
www.rangioranursery.co.nz