



## Boorowa Community Landcare Group

Roden 111 Direct Seeder

## Revegetation by Direct Seeding – Fact Sheet 2018

All enquiries and bookings for this year's sowing direct to **Paul Cavanagh** on **0429 834253**.

### Seeding Costs

On well prepared sites within 50 kilometres of Boorowa Township.

\$300 per linear kilometre if less than 5 kilometres including 200 grams per kilometre of Boorowa Seed Mix\*

\$250 per linear kilometre if more than 5 kilometres including 200 grams per kilometre of Boorowa Seed Mix\*

All other jobs for instance, with distance or seed supplied will be by negotiation with the contractor.

### Access

Direct Tree Seeding uses a standard four-wheel drive utility to *drag* a trailing tree seeding unit so wherever a ute and trailer could drive comfortably so can the seeding unit. Sites that are steep, rocky, boggy, have tight turns or have dead ends, are difficult to sow and can cause damage to the ute, the seeder and the operator. Also, these sites tend to erode if they cannot be sown along the contour. These sites are best left for tubestock.

### Direct Seeding

Boorowa Community Landcare Group owns a Roden 111 direct seeding machine and offers a Direct Seeding Service to all landholders. BCLG also works in partnership with Greening Australia to implement GA projects locally.

A mix of tree, shrub and groundcover seeds are sown directly into the soil using a specialised Roden 111 Direct Tree Seeder towed behind a four-wheel drive vehicle.

A large area can be sown in a short period of time. Up to 30 linear kilometres on well prepared sites.

Compared with tubestock, direct seeding can be as little as a quarter of the cost!

Success of plantings in well prepared sites is comparable to hand planting and seeds continue to germinate for many years after seeding. Direct Tree Seeding is suitable for all types of planting including windbreaks, habitat, and biodiversity plantings.

It is particularly suited to block sowings, whole of paddock revegetation and fodder shrub establishment.

### Site Preparation

Soil moisture is the key to successful germination, establishment and growth of direct seeded trees.

Areas for seeding need to be fallowed for at least the preceding Summer and Autumn across the whole area to be sown.

This preserves moisture in the soil and reduces the weed seed bank that will potentially germinate after tree seeds are sown and rob moisture from weak emerging eucalyptus seedlings.

Chemical fallow with knockdown herbicide is preferable to cultivation to maintain soil structure and reduce erosion risk.

Insecticide is recommended particularly for the control of Earth Mites.

Deep ripping is not necessary.

Fencing is essential but allow room for the sowing machinery to manoeuvre.

**For more details contact coordinator BCLG on 0459 681018 or email [landcare@boorowa.net](mailto:landcare@boorowa.net)**