

Carbon Neutral Program



Site 104 Bondleigh, South Australia
Planted 3rd July 2008
Method Direct Seeding
Target 3,400 plants
Funded by Scunthorpe Forest Collective

Planting location on site:



Site details:

This 4 hectare revegetation site lies in the Eastern Hills and Murray Plains area of the Murray Darling basin in the Bremer River Catchment, 10 kilometres north of Callington.

The dominant vegetation association along this range is defined as Peppermint Box (*Eucalyptus odorata*) Grassy Woodland, which the Australian Government has recently approved listing as critically endangered. Focussing revegetation efforts in these areas will not only help to buffer and link the remaining stands of remnant vegetation, but also provide bio-diverse habitat for local fauna and lessen wind and gully erosion.

Species Planted on the Site:

Acacia sp: *argyrophylla*, *calamifolia*, *menzelii*, *pycnantha*
Allocasuarina verticillata
Dodonaea viscosa spatulata
Eucalyptus sp: *fasciculosa*, *leucoxydon*, *odorata*, *porosa*
Senna artemisioides filifolia

Site Update, June 2011:

This site has recovered well from harsh drought conditions of recent years, compounded by its exposed and very rocky hilltop nature. Growth of plants has accelerated given a wonderful 2010-2011 season with good rains and mild conditions. Site preparation was carried out on 27th June to prepare for re-seeding some areas that failed to germinate and establish in sufficient numbers. Plants present across the site show a good diversity of species including the rare *Acacia menzeldii*.



Above: *Acacia menzeldii* showing excellent progress, and above right *Allocasuarina verticillata*

Second Year audit:

Independent audit undertaken by Rural Solutions, September 2010

Verified survival to date: 1300

Survival rates for all the sites planted in 2008 are below target due to severe drought conditions in South Australia in that year. With direct seeding there is the possibility of further germination up to 5 years from seeding. However, to ensure we meet our target stems on this site we will conduct some infill planting in 2011.

Infill plan:

Sow additional 6.2km of direct seeding rows using 3.1kg of seed in winter 2011

Internal audit autumn 2012

Final independent audit 2013

Photo Point 2



May 2010

Photo Point 2



June 2011

GENERAL PHOTOS OF SITE PROGRESS

Latest photos: June 2011



Next update due: May 2012

