



Trees For Life

## Carbon Neutral Program

<b>Site 103</b>	Mannum East, South Australia
<b>Protection</b>	100 years
<b>Registered on Title</b>	Yes, October 2009
<b>Planted</b>	4th July 2008
<b>Method</b>	Direct Seeding supplemented by tubestock in subsequent year
<b>Target</b>	9,750 plants
<b>2<sup>nd</sup> year audit results</b>	5,100 plants
<b>Final Audit due</b>	September 2013
<b>Funded by</b>	Acer Computer Australia
<b>Planting location on site:</b>	



Above: Aerial photo of the property showing direct seeding rows

### Site details

Located North East of Mannum, 13ha of this 54ha private property was direct seeded in the winter of 2008 with species native to the area to recreate a *Eucalyptus gracilis*, *Eucalyptus socialis* and *Acacia microcarpa* grassy woodland.

This parcel of land has an interesting history. It was part of a stock route running from the Northern pastoral country to the township of Mannum. The government of the day required the landholders to clear these areas to allow the droving of stock along the route.

### Species Planted on the Site:

*Acacia* sp: *hakeoides*, *ligulata*, *microcarpa*, *notablis*, *oswaldii*  
*Callitris gracilis*  
*Dodonaea viscosa angustissima*  
*Enchylaena tomentosa*  
*Eucalyptus* sp: *brachycalyx*, *gracilis*, *leptophylla*, *oleosa*, *phenax*, *socialis*  
*Melaleuca lanceolata*  
*Pittosporum phylliraeoides*  
*Rhagodia parabolica*  
*Senna artemisioides* mixed ssp

### Site Update, June 2011:



### Above: Direct seeded plants establishing across the landscape (23-Jun-11)

A site visit in June revealed a wonderful transformation on this property. After more than a decade of below average rainfall and parched conditions that contributed to the poor establishment of plants from 2008's direct seeding, the vista across the revegetation site has improved since good rains received over the past 9 months. Direct seeded plants that have established are showing good growth and are becoming obvious above the grass line, and there has been marvellous reinvigoration of native grasses and ground cover shrubs.

To redress a shortfall in plant numbers indicated by the 2010 audit, Trees For Life will carry out remedial direct seeding works in July. Soil moisture is good and with additional seeding together with new germination evident in the 2008 rows, this property will become highly biodiverse, with seeding and natural regeneration combining in continued enhancement of the land.

**GENERAL PHOTOS OF SITE PROGRESS**



Acacia pycnantha seedling that has germinated after late rains in 2010 (23-Jun-11)



Multiple germinating seedlings (23-6-11)



The 2008 germinations are now establishing good growth



Native daisy growing on site

**Next update due: December 2011**

