

Carbon Neutral Program

Site 72	Birdwood, South Australia
Planted	5 th September 2007
Method	Direct Seeding supplemented by tubestock in subsequent year
Target	3,600 plants
1st Audit	4,919 plants
Funded by	Scunthorpe Forest Collective

Planting location on site:



Site details

Located at Birdwood in the Adelaide Hills, this privately owned site was direct seeded in 2007 with 2.8ha of the 9ha property being planted.

The site is directly adjacent the Cromer Conservation Park, and the local provenance, multi-storey revegetation will link the remnant vegetation of the park, with remnants on the property, providing increased natural habitat and corridors for the local wildlife.

The direct seeding was conducted in 2007 using the disc seeder, which is towed behind a four wheel drive and incorporates a chemical control for weeds. This machine is quite versatile and is mostly utilised in the moderate to high rainfall areas. Revegetation across the site has been highly successful, with excellent species diversity present. Additional direct seeding was undertaken in 2009 in an area which had not germinated well.

Species Planted on the Site:

Acacia sp: paradoxa, pycnantha, retinodes (hill form)

Allocasuarina sp: muelleriana, verticillata

Dodonaea viscosa spatulata

Eucalyptus sp: camaldulensis, fasciculosa, goniocalyx, leucoxylon

Hakea sp: carinata, rostrata

Site Update March 2011 :

This planting is now well established. An internal audit was undertaken in March 2011 and showed that the planting has already exceeded our target by 36%.

From the random sample count, it is estimated there are approximately 4,919 plants present including approximately 964 acacias and 304 eucalypts per hectare plus an estimated mid storey of 464 allocasuarinas per hectare.

There is very good native ground cover patches including, *Aechena* sp., *Austrodanthonia* sp., *Austrostipa* sp., *Dianella* sp. with patches of *Phalaris* weed grass. The landowners are managing broadleaf weeds and pine seedlings germinating from the neighbouring property.

In summary, there is very good plant numbers and representation of all species sown is good. There is evidence of recent new germination. Germination in the area re-sown on 07-May-10 is interesting in that it is predominantly *Allocasuarina* sp.. Numbers there appear to be acceptable although species diversity could be improved.

Photo Point 1



April 2008



March 2011

Photo point 2



April 2008



March 2011

GENERAL PHOTOS OF SITE PROGRESS

Latest photos: March 2011



Next update due: September 2011