

# 2008 Radiata Pine Project

AgriWealth Pty Limited



Forests NSW Annual Report

Financial Year 2011-2012

## Legal Context

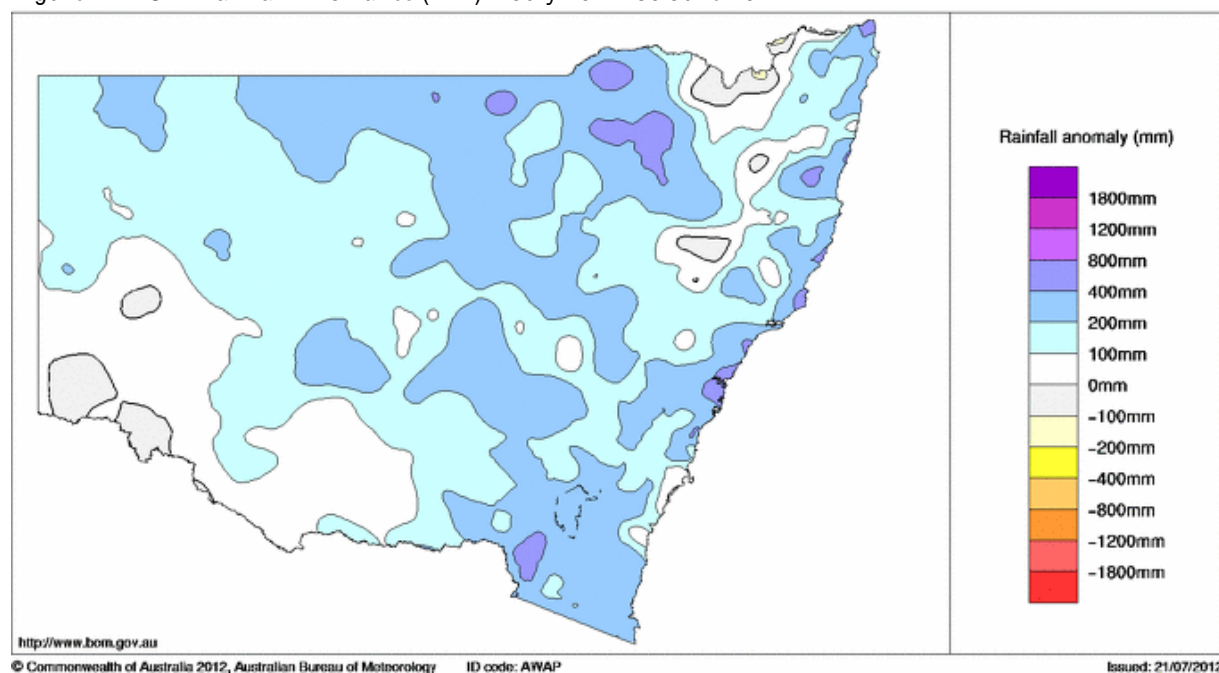
This annual report complies with Schedule 1 Part 4(h) of the Forestry Management Contract between AgriWealth Pty Limited and the Forestry Commission of New South Wales (Forests NSW) for the AgriWealth 2008 Radiata Pine Project.

## Overview

The 2008 Radiata Pine Project totals 221.5 hectares net stocked area (NSA) over four properties in Hume Region and one property in Macquarie Region. Plantation establishment was successfully completed during 2009 and conditions since establishment have been conducive to good tree survival and early growth.

Rainfall in both the Hume and Macquarie Regions was well above average (refer figure 1) with significant rainfall events occurring during spring and summer. Total rainfall at Tumbarumba from July 11 to June 12 was 1,214mm compared to the long term average of 980mm. Finally, annual rainfall in Macquarie Region was 936mm compared to the long term average of 638mm. This rainfall was in the critical growing period and resulted in a very good growing season (see Appendix 1).

Figure 1: NSW Rainfall Anomalies (mm) 1 July 2011- 30 June 2012



## Stand Condition

### *Wandalla – Macquarie Region*

Favourable growing conditions have supported good growth of seedlings. Survival levels remain excellent. A small area of the plantation is showing a potential deficiency in Magnesium/Potassium. Further investigations will be undertaken to verify the cause.



Wandalla 2009 age class showing excellent survival and form (July 2012)

### *Hosking, The Valley HQ, Steiner, Turner – Hume Region*

Tree growth, stocking and condition is satisfactory, with trees continuing to establishing site dominance. Localised small areas of low stocking are evident where drainage is poor, as is evident on the Steiner block.

The Turner block has been subject to a heavy hail storm in late 2011 (note damage report for nearby plantations Ruby Vale and The Valley HQ Feb 2012) which caused needle and bark damage to the trees. Recent observation indicates that the trees are quickly recovering and there is little evidence of significant impact such as dead tree tops. It is not expected that there will be any ongoing significant affect resulting from the damage caused by the hail storm in this plantation.





Turner 2009 age class July 12

#### Pest and Disease Information

Pest animals are present on all properties and control operations have been undertaken where required. Regular monitoring is being undertaken and in instances where damage to seedlings is observed, ongoing control work will continue.

#### Summary of Operations

- Aerial treatment of 22 ha of wattle regrowth in Turners block
- Pest animal control

#### Fire Incidents

No fire incidents have occurred within or close to Agriwealth 2008 Project plantations in 2011/12

#### Other Management Issues

Nil

#### Summary of Activities Planned for 2012/2013

- Pest animal control as required
- Monitor for boron fertiliser requirements
- Foliar sampling for potential Magnesium/Potassium deficiency in a small area of Wandalla
- Installation of advisory signs if required
- Maintenance of roads and tracks if required

- Identification and signage of Plantation Fire roads for NSW plantations – compliance with Plantations and Reafforestation Code amendments.

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## APPENDIX 1

### MACQUARIE REGION RAINFALL JULY 2011 – JUNE 2012

