

27 June 2012

## **Field test GMF100001 - Annual Report to the Environmental Protection Authority (EPA)**

This report relates to control 13 for the field test approval GMF100001 (ERMA200479), approved 14 December 2010. The report covers the period 1 June 2011 to 31 May 2012. This is the first annual report for the approval.

### **Purpose of field test**

To field test in containment *Pinus radiata* with genetic modifications to alter plant growth/biomass acquisition, reproductive development, herbicide tolerance, biomass utilisation, wood density and wood dimensional stability.

### **Field testing activities carried out**

Field test activities commenced 1 June 2011. Two trials were established this year. On 18 August 2011, 336 trees to study herbicide resistance were planted out, and on 14 December 2011, 19 trees to study reproductive development were planted out. Following the incident in April (see below), monitoring for reproductive structures was continued as required by the approval.

### **Unforeseen adverse effects and incidents that have occurred**

#### *Unforeseen adverse effects*

No unforeseen adverse effects to report.

#### *Incidents*

Intruders broke into the field test site over Easter 2012 and cut down or pulled out all of the trees growing in both trials. The Ministry for Primary Industries and the EPA were informed. All trees were accounted for and no heritable material was removed from the site.

### **Activities relevant to engagement with Maori**

The Paepae (tangata whenua committee) blessed the field test site prior to planting of the first trees. The kahui kaumatua visited the field test site in July 2011. In December 2011, Scion researchers gave a presentation on GM science and an update on field test activities to the Paepae, which was followed by a visit to the field test site. The Paepae inspected the field test site after the April 2012 vandalism.

### **Results of the field test research which have been disseminated to third parties**

No results yet to report.

### **Environmental impact research**

No results yet to report.