



APPLICATION SUMMARY

Application number	ERMA200706 and ERMA200792
Application type	Notified, GM Import, GM Development, Containment
Applicant	University of Auckland Private Bag 92019, Victoria Street West, Auckland, New Zealand Massey University Private Bag 11222, Manawatu Mail Centre, Palmerston North, 4442, New Zealand University of Otago PO Box 56, Dunedin, 9054, New Zealand Lincoln University PO Box 84, Lincoln University, Lincoln, 7647, New Zealand Scion Private Bag 3020, Rotorua Mail Centre, Rotorua, 3046, New Zealand AgResearch Limited Private Bag 3123, Waikato Mail Centre, Hamilton, 3240, New Zealand ViaLactia Biosciences New Zealand Limited PO Box 109185, Newmarket, Auckland, 1149, New Zealand Canterbury University Private Bag 4800, Christchurch Mail Centre, Christchurch, 8140, New Zealand Plant & Food Research Private Bag 92169, Auckland, 1142, New Zealand
Purpose	To import (ERMA200792) and develop (ERMA200706) <i>Arabidopsis thaliana</i> in containment to investigate gene function and gene delivery systems, to develop new bioassays.
Date formally received	13 March 2012

Application summary prepared by Environmental Protection Authority

This application is to import (ERMA200792) and develop (ERMA200706) *Arabidopsis thaliana* in containment to investigate gene function and gene delivery systems, and to develop new bioassays. *Arabidopsis thaliana* is a small flowering plant that is widely used as a model organism in plant biology because of its small size and short life cycle, extensive knowledge about the organism's biology, and the ease with which it can be genetically modified.

This application is to allow the importation and genetic modification of *A. thaliana* for teaching and research purposes to investigate gene function and gene delivery systems, to develop new bioassays, and to develop new plant varieties using genetic material from plant, animal, bacterial, fungal, viral or synthetic sources.