

PROJECT DETAILS

Project Number	CSE8C
Project Title	GENETIC ENGINEERING OF THE <i>HELIOTHIS</i> NUCLEAR POLYHEDROSIS VIRUS
Project Supervisor(s)	Dr P.D. Christian Telephone: (06) 246 4161 Facsimile: (06) 246 4173 Dr J.G. Oakeshott Telephone: (06) 246 4157 Facsimile: (06) 246 4173
Organisation	Commonwealth Scientific and Industrial Research Organisation
Division/Branch	Entomology
Address	GPO Box 1700, Canberra City, ACT, 2601.
Administrative Contact	Mr M. Hardwick Telephone: (06) 46 4008
Commencement Date	01/07/1989
Completion Date	30/06/1992

Aims: The aim of the project was to produce more virulent strains of a naturally occurring entomopathogenic nuclear polyhedrosis virus of *Heliothis* species.

Industry Significance: The novel strains of virus produced in this project will provide new biological control agents for use against *Heliothis*, a major pest of cotton. Creation of such novel forms of the virus will be achieved by genetically manipulating the genes of the virus and inserting foreign genes whose products have insecticidal activity.