

# Summary of Linkage Projects Proposals for Funding to Commence in 2007

## New South Wales

### Charles Sturt University

**LP0776282** A/Prof GM Gurr; Prof S Wratten; A/Prof DG James

**Approved Project Title** **Attract and reward: a novel approach to enhancing biological control of crop pests**

**2007 :** \$ 14,000

**2008 :** \$ 28,000

**2009 :** \$ 28,000

**2010 :** \$ 14,000

**Primary RFCD** 3003 HORTICULTURE

APA(I) Award(s): 1

#### **Collaborating/Partner Organisation(s)**

Organic Crop Protectants PTY Ltd

**Administering Organisation** Charles Sturt University

#### **Project Summary**

Pests cause serious damage to Australia's agricultural crops. Current control relies heavily on synthetic pesticides. This project will develop novel products based on natural plant compounds to attract beneficial insects into crops where they will be supported with nectar, pollen and shelter to maximise their lifespan, reproduction, residency. This use of Australia's beneficial insect biodiversity will provide novel pest control options to help transform the vegetable and grape industries. The work will reduce reliance on conventional pesticides; thereby contributing towards Australia's environmental sustainability and providing healthier foodstuffs.