



Autonomic Pest Bird Management System

The Technology

The Bird Control Group's *AVIX Autonomic Mark II* is a fully automated laser-based bird repellent system. The system autonomously moves a green laser beam randomly over a defined area of crop. Birds perceive the moving laser as a physical threat and flee immediately when the beam passes by.

The randomness of the laser display prevents bird habituation because they cannot pre-empt its movement.

The *AVIX Autonomic Mark II* can be programmed and monitored via Bluetooth connection to Android or iOS apps, enabling the user to remotely create new

Trials

The *AVIX Autonomic Mark II* was trialed in a commercial peanut crop in Bundaberg. The dominant pest-birds in the crop were magpie geese. The system was operated continuously during the trial period and its effectiveness on bird flocks monitored both day and night by farm management and operational staff.

Findings

Farm management and staff reported a 100% effectiveness rating for the system, with negligible plants destroyed by birds during the trial period.

Costs

At time of publication, the total 'purchase outright' cost for the 'AVIX Autonomic Mark II' was \$20,000. Alternatively, the system can be leased for \$3000 per month.

Grower Feedback

	Strongly disagree	Disagree	Neutral	Agree	Strongly Agree
I see value in this technology					✓
I intend purchasing this technology				✓	
I recommend this technology to other growers					✓
I am satisfied with the service and support provided by the AgTech company				✓	

The grower also noted that the beam itself is invisible to the naked eye, so does not cause a visual disturbance for neighbours, traffic or other animals.

Further Information

For further information on this trial please contact:

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The Hinkler Regional Deal is a collaboration between the Australian Government, Bundaberg Regional Council and Fraser Coast Regional Council. The Hinkler AgTech Initiative is funded through the Hinkler Regional Deal.