

RIPPA Field Events

As part of the *Evaluating and testing autonomous systems in Australian vegetable production systems (VG15059)* project the Horticulture Innovation Centre for Robotics and Intelligent Systems trials and demonstrates innovations in major vegetable production areas around Australia.

Created through the Horticulture Innovation Centre for Robotics and Intelligent Systems at the University of Sydney's internationally-recognised Australian Centre for Field Robotics, RIPPA aims to benefit the vegetable industry by:

- Operating autonomously 24 hours 7 days a week
- Autonomously removing weeds through a variety of implements
- Autonomously detecting and removing foreign objects
- Determining crop health and soil status
- Conducting autonomous precision spraying on each individual plant
- Monitoring crop growth and estimating yield through intelligent data systems

Articles about field events with RIPPA are below.

For more information about the project please see [The University of Sydney's Faculty of Engineering and Information Technologies website](#)



Article_Kalbar Q...059 20170321.pdf



Article_Delorain...059 20170424.pdf



Article_Lindeno...59 20170522.pdf



Article_Griffith ...S HIA VG15059.pdf



Article_Werribe...59 20171218.pdf



Article_Richmon...59 20171218.pdf



Article_Hagley ...59 20180515.pdf



Article_Werribe...59 20180515.pdf



Article_Gatton ...59 20180710.pdf