

# Horticultural Spraying Specialists

## Electronic Spray Controllers





In horticultural spraying, one of the most often misunderstood and frustrating issues is with spray controllers. What to fit? What to choose? A controller comes with a new sprayer, but how does it work? How do we set it up properly? Will it integrate with other systems?

These issues and questions are very common and can be intensely frustrating. Thankfully, we have been involved with this side of spray application since controllers started appearing in the market in the 1980's and 90's. Choosing the right option from day one is a really good idea. If you need help to decide, don't hesitate to call us.

New ideas and models are arriving on the market regularly. Our focus is always to stay in touch with these developments and learn about their features and options. We also know how to troubleshoot problems, find issues, facilitate repairs, replace old units and train owners, operators and key staff how to use them & set them up properly.

If you have spray controllers in your fleet, or on your sprayer and want help to understand its functions and operation, give us a call. It may mean a paid consultation or visit, but it could save you a lot of future problems. We also know where and how to get repairs done if needed.

Options include:

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| <p>ARAG Bravo 180</p>   | <p>Pictured left are two common controllers, both OEM equipment fitted to sprayers being supplied in the market at the moment.</p> <p>All controllers fundamentally work the same way – receiving input data from a speed source, flow information, sometimes pressure data – combined with inputted and stored settings such as row with, nozzle type and size, required application rate – to control the sprayers' output within certain parameters. Hence the name "controller".</p> |
| <p>Croplands HV2400</p>   | <p>Where things often go wrong are with the settings, inputted &amp; stored information, flow or speed input not correct, and most commonly the plumbing system not being set up correctly for the required application rate.</p> <p>Combine this with operators who are often a bit scared of this electronic control system and problems can quickly surface. We can help train owners, operators and staff and show them the very basics of how these systems work.</p>               |
| <p>Other common controllers (not pictured) include:</p> <ul style="list-style-type: none"><li>⇒ Farmscan Touch-screen 74V.1</li><li>⇒ MicroTrak MT3405II and SprayMate II</li><li>⇒ Bravo 300S and 400S</li></ul> <p>There are other, less common products</p> | <p>At <b>Horticultural Spraying Specialists</b> we can:</p> <ul style="list-style-type: none"><li>⇒ Supply and fit controllers</li><li>⇒ Generally we can fix units that have problems, unless the damage or issue is too great</li><li>⇒ Troubleshoot common problems</li><li>⇒ Provide training</li></ul>  |

Call us on 0448 511 771 or email [don@hortspray.com](mailto:don@hortspray.com) for help