



SWARM SERIES

POWERED BY WEED-IT PRECISION SPRAYING



BOSSAGRICULTURE.COM.AU



INDEX

The All-In-One Solution	04
Make Every Turn Count	05
Why Choose Weed-It	06
Tech You Can Rely On	08
Swarm Series Features	10

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THE ALL IN ONE SOLUTION



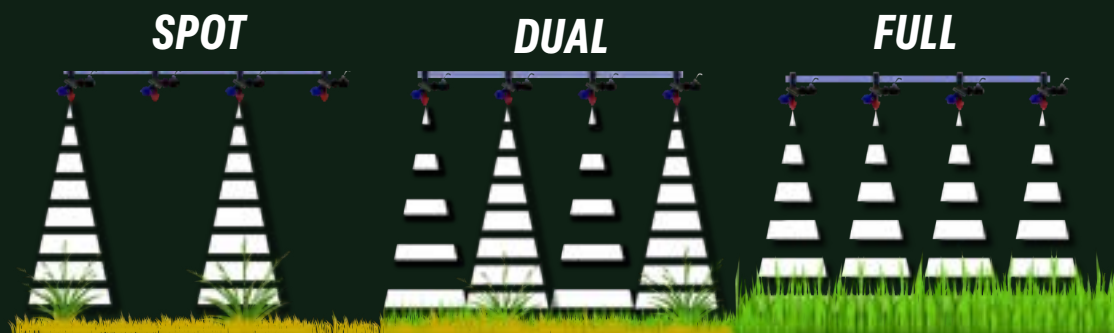
PULSE WIDTH MODULATION

Pulse Width Modulation (PWM) technology has brought a new level of precision to agricultural spraying systems. By allowing

individual nozzle control and maintaining consistent pressure, PWM ensures every part of the paddock gets the exact chemical

dose required, even during turns. Weed-It builds on this by enabling dual-mode spraying

with a single nozzle, allowing growers to broadcast spray a paddock or crop while still spot spraying weeds.



By adjusting the PWM frequency, it optimises chemical use, reducing over-application, saving on costs, and protecting soil health. Maintaining spray quality regardless of speed changes allows growers to work more efficiently, with less wastage and improved overall coverage. It's a smarter, more sustainable approach to modern spraying that optimises both productivity and crop health.

MAKE EVERY TURN COUNT

Experience the exceptional performance of our centre frame assembly, refined through years of development and testing. Featuring roll links connecting the boom to the chassis and advanced damping systems, our design ensures a precise boom ride, optimising the Weed-It system's performance. It manages roll and yaw forces, enhancing accuracy while extending the longevity of the boom for superior results.

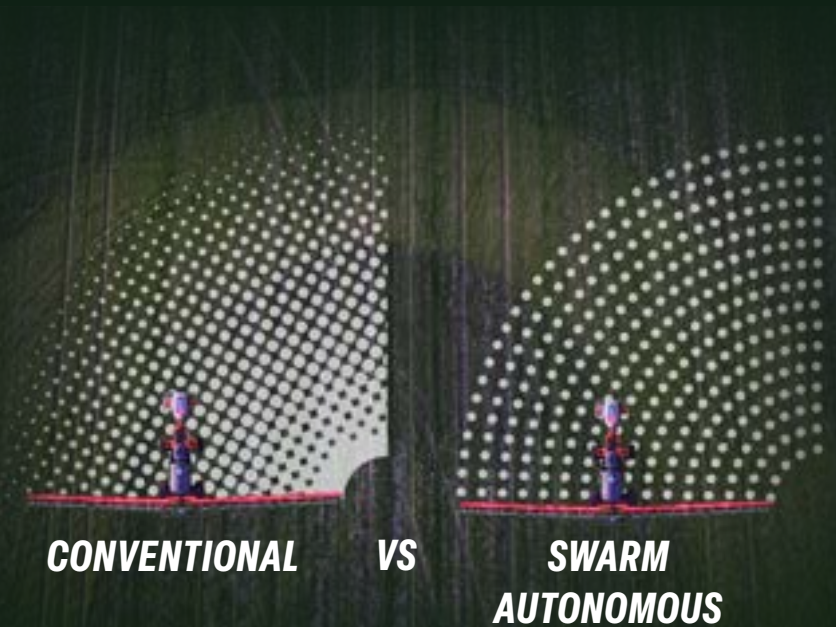


Figure 02. Graphic Displaying The Swarm Series Technology.



Figure 03. Graphic Displaying Chemical Savings.

WHY CHOOSE WEED-IT?



AUTOMATIC CALIBRATION

- Works Day and Night
- Peace of Mind Operation
- User Friendly
- Simple To Use



PULSE WIDTH MODULATION

- 50hz Frequency
- Pressure Based Control
- Constant Droplet Size
- Premium Spray Quality



SMART POWER MANAGEMENT

- PSU Conversion 12v - 48v
- 4 Times Less Current
- Lighter Wiring
- Reduced Power Loss



25CM NOZZLE SPACING

- Better Coverage
- Reduced Stubble Shading
- Twice The Savings Of 50cm



LIGHT WEIGHT

- Less Weight on Boom
- 1 Sensor Per Meter
- 750G Per Meter
- Robust Design



MORE SECTIONS

- Individual Nozzle Control
- Reducing Overlap
- More Savings



SENSE THE DIFFERENCE

***AUTOMATIC
CALIBRATION***

TECHNOLOGY YOU CAN RELY ON

Utilising fluorescence technology, WEED-IT provides reliable weed management by detecting living green organic matter.

This innovative method evaluates plant reflection in specific light wavelengths, ensuring efficient operation both day and night with a guaranteed high success







CONTROL PANEL



HITCH SUSPENSION



**AUTOMATIC HEIGHT
CONTROL**



BOOM YAW DAMPENING



HAND WASH



ELECTRIC FLUSH CYCLE



**HIGH CLEARANCE
SUSPENSION**



**BOOM SUSPENSION
ACCUMULATORS**



**WHEEL SPEED
SENSORS**



SWARM FARM

ROBOTIC AGRICULTURE



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