



SWARM SERIES

POWERED BY WEED-IT PRECISION SPRAYING



BOSSAGRICULTURE.COM.AU



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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.

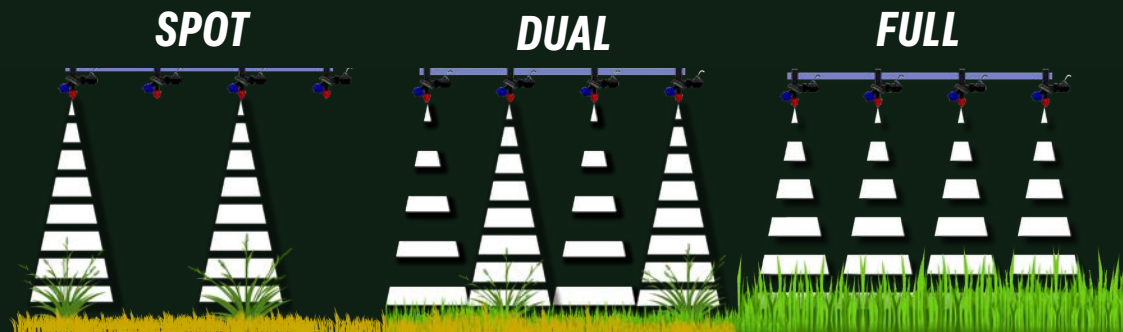


Figure 01. Graphic Displaying Pulse Width Modulation.



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.

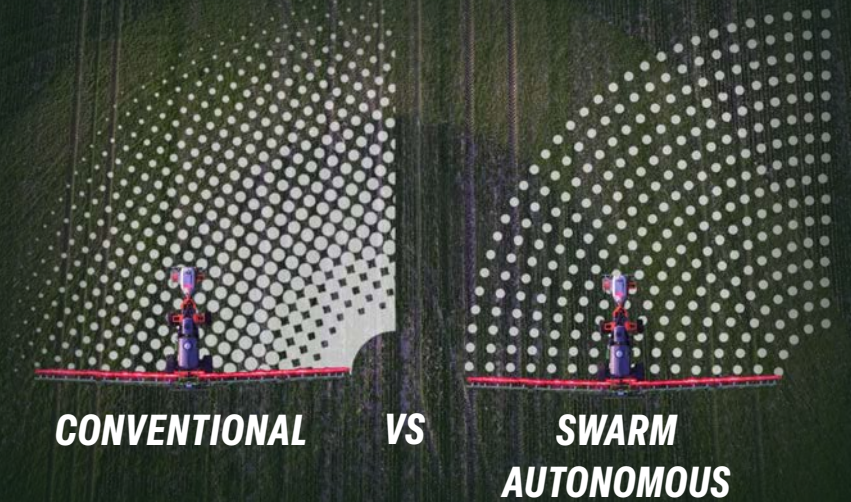


Figure 02. Graphic Displaying The Swarm Series Technology.



SAVE UP TO

95%

ON
CHEMICAL
SAVINGS

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



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