



# **WEED-IT Quadro**

## **Features and specifications**

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## WEED-IT Quadro features


 Next generation WEED-IT weed detection technology


 Blue light source with high power efficiency





 Low weight sensor

 Dual Core processor for fast communication and high sample frequency

 Improved optics for better weed detection

 Four channel weed detection at 25 cm width

 Less random firing with higher detection sensitivity

 System diagnostics

- Built-in RH & Temperature sensor for leakage detection
- Built-in power managements to diagnose sensor functionality
- Instant system status feedback

 Improved PWM nozzle control:













- Individual flow control possible per nozzle
- New 'Dual' mode with PWM base dose and PWM target dose
- In-crop PWM functionality for full field applications

- Single integrated sensor – solenoid cable harness makes in easy to install and remove



- Easy to mount on almost every spray boom, click and go principal
- Movable solenoid output cables for perfect fitting in spray boom
- Robust heavy duty connectors, IP67
- Dimensions suitable for Metric and Imperial set ups
- Seven sensitivity presets for optimal performance on all fields and circumstances

## Specifications

 Detection height:	110 cm
 Detection width:	100 cm, divided in 4 sections of 25 cm
 Overlap between sensors:	7 cm
 Weight sensor:	700 gram
 Size sensor L x W x H:	200 x 100 x 70 mm
 Minimal detection size plant:	1-3 cm <sup>2</sup> active chlorophyll area
 Power consumption sensor:	Max. 18,5 Watt
 Power per solenoid:	Max. 2,5 Watt
 Max width system:	36 meter
 Voltage on sensor:	48 Volt
 Max. power converter:	800 Watt output (input power 90 Watt)
 Current draw on battery:	80 Amp @ 12V