

PRESS RELEASE

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For immediate release

Weed it better with the new WEED-IT Quadro weed detection and elimination technology

Effective weed detection and elimination is becoming increasingly important in today's growing environment with less precipitation, limitations on herbicides usage and resistant weeds. To help growers combat weeds more effectively, precision spraying specialist Rometron introduces WEED-IT Quadro: the next generation spot spraying.

Better, faster, more accurate

The new WEED-IT Quadro incorporates 10 years of worldwide experience with the current WEEDit Ag system. Quadro refers to the four detection zones of every WEED-IT detection sensor, each accounting for 25 cm of the entire spray boom width. The extra small zones with improved optics make sure the system never misses any weed. Whereas this additional accuracy is easily missed by the human eye, the new blue LED-lighting is not. Blue LED's have proven to be more sensitive to weeds and less sensitive to background noise and thus more efficient compared to the red LED-lighting used to date. Blue is the new colour of the next generation of spot spraying technology.

Adding to the increased accuracy and efficiency is the new dual core processor for fast communication and high sampling frequency. It guarantees higher communication speeds that would be needed to enable VRA, weed and biomass mapping and working with application maps in the future.

Additional operating modes

The improved pulse width modulation (PWM) nozzle control is capable of individual flow control per nozzle and this opens the technology up for two additional operating modes:

1. Dual spraying and
2. Cover mode

This means, that with the new WEED-IT system, you can not only use the system in **spot spraying** mode to target all living green material on fallow land. In **dual spraying**, you can apply low application rates (like 30 l/ha) full width and higher rates (like 100 l/ha) with just one spray line. WEED-IT is the only manufacturer capable of offering **dual spraying** technology! And in **cover mode**, WEED-IT acts as a normal sprayer with pulse width modulation to be able to vary the rate continuously and compensate for turning.

Lighter setup

The new WEED-IT system with its single integrated sensor & solenoid cable harness, is not only easier to install onto almost every type and brand of sprayer, it is also easy to remove if required.

And even after adding all these new and improved functionalities, the WEED-IT sensors have not added weight which is quite extraordinary these days... With 700 grams each, they have even lost some weight compared to the current WEEDit Ag system!

With the new WEED-IT Quadro system, WEED-IT once again sets the standards for precision spraying!

Specifications

☞	Detection height:	110 cm
☞	Detection width:	100 cm, divided in 4 zones of 25 cm
☞	Sensor weight:	700 grams
☞	Sensor size l x w x h:	20x10x7 cm
☞	Sensor power consumption:	max. 18,5 Watt
☞	Solenoid power consumption:	max. 2,5 Watt
☞	Maximum width:	36 meters
☞	Operating speeds:	up to 25 kph

WEED-IT Quadro is available from... Please contact [your nearest dealer](#) for more information.

About WEED-IT

Since 1999, WEED-IT is the most accurate, fastest and most easy to use weed detection and spot spraying technology available. By spraying only weeds, it helps you save up to 90% on chemical costs!

The success of WEED-IT has led to the arrival of other players on the market. Yet, WEED-IT is the only specialist and the only technology that calibrates and corrects automatically and ultrafast for different soil and background conditions (dry, wet, shade). The system can be built onto any type and brand of ground glider & trailed sprayer, quad, orchard sprayer, toolbar, self-propelled sprayer and even autonomous sprayers with working widths up to 36 m.
