

# A new level of accuracy

# **GEOSELECT**<sup>TM</sup>

FOR SELF-PROPELLED SPRAYERS



## **SCAN**

## **SPRAY**

## **SAVE**

Developed for the unique Australian agricultural environment, GeoSelect offers a selective spraying solution, unsurpassed in performance and efficiency.

GeoSelect removes the hurdles of other market alternatives by directly utilising spatial data with centimetre precision. By collating essential machine and ambient data, dynamic real-time application adjustments can be made to reduce chemical usage and over-application by a level never before seen.

With minimal on-boom hardware it optimises boom ride, weed targeting, chemical preparation and sprayer speed. Save time, chemical and running costs at speeds up to 30km/h and with a 99.7% accuracy rate.

## **THE ONLY THING THAT GETS WASTED IS THE WEEDS.**



### **PRE-SCANNED**

Utilising specialist agricultural drone operators, high resolution imagery of the required area are scanned.



### **PRE-PROGRAMMED**

Data is processed, maintaining the original detail. This results in resolution retention without loss of efficiency.



### **PRECISE**

Produced mapping triggers spraying of even the smallest of weeds, taking into consideration boom deflection & ambient conditions.



### **PROOF**

Meta-data is recorded as proof of application, facilitating the planning of future spray maps to accommodate results & changes in conditions.



## REDUCE CHEMICAL USE & COSTS

By spraying only where required, herbicide use & associated labour, maintenance & wastage expenditure can be reduced up to 90%\*.



### STRATEGIC DECISIONS

Pre-scanned data gives you the edge, you know how much chemical to mix, which rows to skip and where to slow down to get the best efficacy from your chemical application. All this before you even get in the drivers seat.



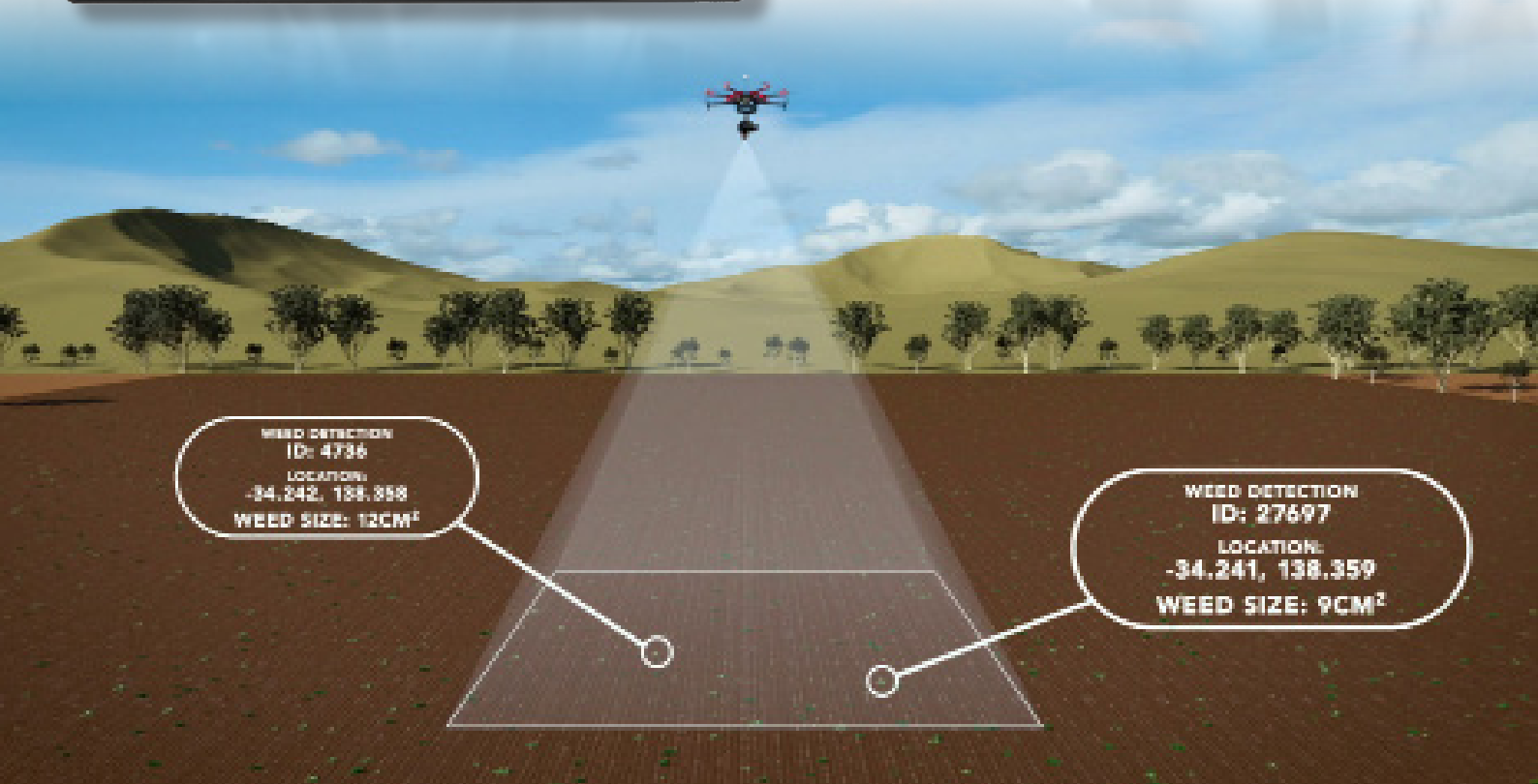
### NO EXCESSIVE EQUIPMENT

With multiple, light-weight GNSS antennas mounted along the boom, precision accuracy can be maintained & real-time data collected. The use of preprogrammed geolocation data means cameras aren't required - so additional costs & strain on the boom with excessive equipment is completely avoided.

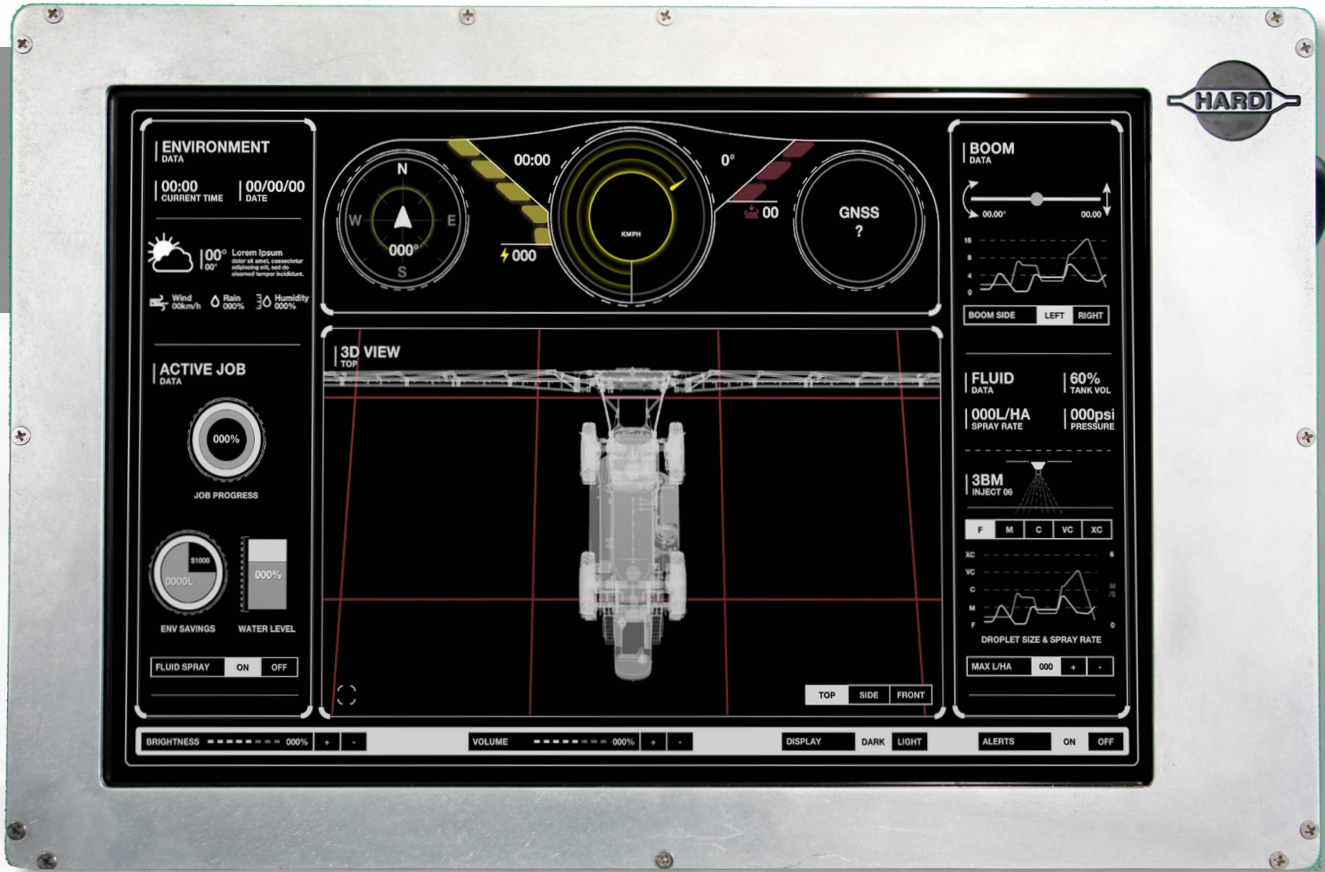


### LOW LIGHT & FULL SPEED SPRAYING COMPATIBILITY

Accuracy of application is retained even at standard speeds of 25 to 30 kmph, as well as at night. GeoSelect automatically adjusts for boom deflection & changes in ambient conditions, making it robust & accurate in any environment.



\*Based on current field trials and dependent on the level of weed infestation in paddock



Cutting edge user interface - Be across all aspects of the spraying process



# GEOSELECT - LETS YOU SPRAY, YOUR WAY

Selective Spray, Blanket Spray or both.. Optimise spray delivery for a wide range of speeds - turn compensation, droplet control and simultaneous spot spraying allows chemical delivery like no other.

- ▶ BLANKET SPRAY
- ▶ SELECTIVE SPRAY
- ▶ COMBINATION



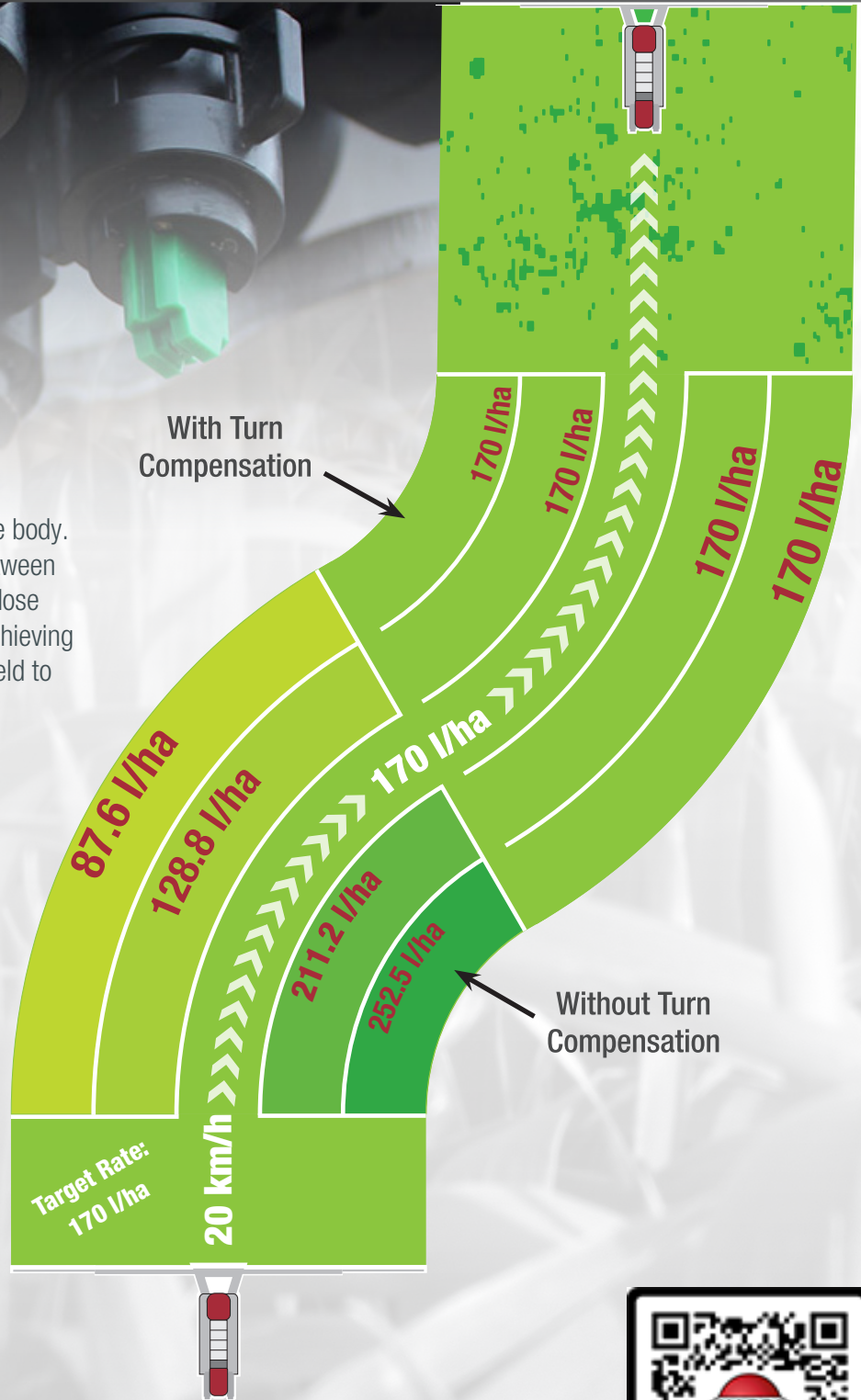
## 3+1 NOZZLE SYSTEM

Geoselect works with H-SELECT to precisely coordinate four different nozzles at each nozzle body. 1 to spot spray and 3 others rapidly switch between nozzle combinations to maintain the required dose set point right across a wide, turning boom; achieving a dosage accuracy of 90% or more over the field to further reduce chemical usage.



## DYNAMIC REAL-TIME ADJUSTMENT

Using real-time metrics to make strategic adjustments to the target droplet size via the in-cab screen to better suit environmental conditions. Geoselect will make high level recommendations to ensure that you have all the information to achieve optimum efficacy and chemical savings.



## HARDI AUSTRALIA P/L

534 - 538 Cross Keys Rd · 5094 Cavan · Australia · Tel.: +61 8343 9999  
 E-mail: info@hardi-aus.com · www.hardi.com.au



#HARDIsprayers

