



Application notes



Application Note : January 2014

Market involved : Agriculture

Product : UA30CAD60

Customer : OEMs

Subject : Herbicide and pesticide reduction when spraying fruit trees

CUSTOMER ISSUE :

Some manufacturers of portable spraying systems, used for herbicide and pesticide distribution to fruit trees, need to detect where to spray - only on trees - in order to reduce waste.

OUR SOLUTION :

Our new ultrasonic sensor M30, thanks to its 6 m sensing distance, is the ideal device for this application.

Two sensors have to be mounted on each sprayer. If the sensors are mounted in front of the sprayer, then the information from the sensor can be used to ensure that only the trees are sprayed, avoiding waste.

BENEFITS :

- Reduction of the amount of herbicide and pesticide used in the fruit orchard by detecting the trees in advance, so as to spray only where a tree is present.