



Using KRM's iZurf app, the tablet displays a split-screen which can combine machine operation data with guidance or VRA maps.

KRM

KRM offers GPS control for its fertiliser spreaders using an off-the-shelf Android tablet and a free-to-download app.

Keith Rennie says: "The use of a tablet allows full control of all spreader functions including test features, which is not possible with IsoBus."

A wireless communication module, iZurf, is attached to the KRM spreader controller. The app downloaded to the user's tablet then gives a full- or split-screen display for cable-free, WiFi control of spreader functions and both straight and curved A-B line guidance. Also

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»Paul Stebbings uses a KRM M2W 3,000-litre fertiliser spreader on his own Willow Farm and contracts at Clacton, Essex, having upgraded in 2016 from an older KRM machine to add section control.

The spreader is mounted on a 1988 Ford chosen for its light tread, but with little technology available on-board, he chose an Android tablet to control the spreader via iZurf.

He says: "It was very straightforward to set up and communication has been faultless – my phone is more complicated."

As well as six-metre buffer strips, the land also has some undulations, and Mr Stebbings says he finds the rate control highly effective

in adapting to changes in forward speed.

"The auto shut-off is very responsive and as I also do a lot of contract spraying, I have found the spreader matches up well with the sprayer which is also GPS-controlled."

Tight tramline

Many fields in which he operates are irregularly shaped, and Mr Stebbings also uses a 'tight tramline' to put the last bout in before the headland – this avoids the overlaps which would otherwise occur, he says.

"We already yield map and are looking at downloading job reports direct from the tablet and integrating them to complete the circle this spring."

included in the app are automatic start/stop with headland section control for accurate spreading at straight or angled headlands and variable rate treatment using pre-prepared application maps.

Mr Rennie adds: "An iZurf

WiFi control can be added to any KRM spreader with a Calibrator Zurf controller and can use an existing GPS antenna. The iZurf module allows connection to variable rate devices such as the Yara N-Sensor or the Claas Isaria crop sensor and external VRT units including Soyl Opti, iSoyl, and Patchwork Black Box."

Operators have online access to spread charts using product name, chart number or fertiliser analysis data by entering details of the size, hardness and shape of the product. The app then provides guide settings for the material to be spread.

Updates are made automatically through the tablet's internal WiFi link when new features are added or updates are released.

Online connectivity of the tablet also provides the user with access to instruction books and videos and other information, such as local weather forecasts. It also allows the facility to email job reports or for contractors to invoice completed work direct from the field. On completion of each job, a report is prepared which can be downloaded to the office PC for entering into farm management software.



KRM offers tablet control for its fertiliser spreaders via the iZurf module on the spreader.