

## Mid-Tech's latest developments for precise application

**M**id-Tech has launched several new additions to its popular range of sprayer control products that will increase the accuracy and ease of chemical application on farm.

Mid-Tech products are distributed by TeeJet Australasia and TeeJet managing director, Peter Alexander, says the new Mid-Tech products will simplify spraying and add new functionality to the Mid-Tech range.

One of the latest additions is to Mid-Tech's popular Legacy 6000 CAN Bus automated control and guidance system, which now includes a function to eliminate unintentional repeat spraying and application of other inputs such as fertiliser.

Interfacing with GPS receivers, the switch function module of the Legacy 6000 CAN Bus is able to automatically shut off any section of a sprayer or fertiliser spreader that is travelling over a previously applied area.



This function means farmers and contractors can conserve costly chemicals and fertiliser and eliminate overspray.

"This latest control function of the Legacy 6000 has taken the accuracy of chemical and fertiliser application to a new level," Peter said.

The control module can also use prescription maps for on/off section control.

A self-contained CAN-enabled switchbox is among other new modules offered by Mid-Tech. The CAN switchbox allows for extremely simple installation of boom

section or other application function switches onto new or existing application machines. Consolidation of several existing modules into a single unit also simplifies installation and lowers costs.

The Legacy 6000 CAN Bus system provides single point control of all application tasks ranging from variable rate seeding with fertilising to multiple product application of dry and/or liquid products simultaneously.

Other new Mid-Tech products include new software revisions for the CenterLine lightbar guidance system and a new SmartPad hand-held computer for the Guideline lightbar guidance systems.

For spraying, seeding and other tasks, the compact and economical CenterLine lightbar guidance system guides operators in swaths with repeatable accuracy. Once the driving pattern has been set, CenterLine determines the closest swath for guidance.

The new software now includes a curved AB guidance mode so operators can steer along curved lines in addition to the straight and headland modes previously available.

Other CenterLine software enhancements include the use of a GPS-only mode for operation without differential corrections. DGPS remains the default setting. A method of showing the current guidance mode has been incorporated into the updated software and additional language support has been added to increase the options to nine.

The handheld unit includes enhanced software with many new capabilities including a field and hazard mapping application, the ability to connect directly to a GPS receiver and an option to operate on battery power. In addition, the SmartPad II is compatible with the CenterLine guidance system, adding on-screen mapping and data collection capabilities to this popular lightbar.

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