



# FIELD-IQ™ CROP INPUT CONTROL SYSTEM.

The Field-IQ™ crop input control system is a section and variable rate application control system that prevents seed and fertiliser overlap, controls the rate of material applications and monitors seed delivery or eventual fertiliser blockages.

## AUTOMATIC SECTION CONTROL

Automatic section control shuts off rows or sections automatically, eliminating double applications and wasted inputs. Depending on the system you choose, it can manage seed, liquid and anhydrous inputs, and features 2.5cm level control of up to 48 sections for savings that can exceed 5%. It's the ideal upgrade for your guidance display and it can be further enhanced with variable rate applications for even greater savings.

- Automatically control up to 48 rows individually for maximum savings in seed and increased yields
- Overlap detection shows where you've been and what you've done
- Use Vehicle Sync to automate real-time map sharing of coverage maps by combining an XCN™ display, DCM-300 modem and the Field-IQ™ system



FIELD-IQ™ CAB KIT



FIELD-IQ™ OPTIONAL SWITCH BOX

## VARIABLE RATE APPLICATION CONTROL

Increase yields and save money when planting, spraying, spreading or fertilising. Adjust your rate manually or with a compatible display to automatically vary the rate using prescriptions which have been prepared using AFS software.

- Simultaneously control the application rate of up to six different materials when using the XCN-2050™ display, including seed, granular seed, granular fertiliser, liquid and anhydrous ammonia in different combinations
- Two material rate control capability when using the FM-750™ display
- Variable rate control of materials can be achieved with a prescription VRA map
- As-applied mapping records where you've applied inputs and automates record keeping
- Adjust your seed population, fertiliser rates, or spray application manually or using a prescription created with AFS Software
- Apply a high population to fertile or well irrigated soils to maximise yield potential while reducing the rate on less fertile or poorly irrigated soils



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## APPLICATION BENEFITS

### SPRAYING

With Field-IQ™ crop input control system the sprayer function manages the accurate control of liquid application



- Control up to 48 sections or nozzles and shut off sections in waterways and point rows to avoid over-spraying
- Connect directly into the vehicle boom shutoff valves so no additional cables are required
- Connect using platform-specific kits designed to work with existing sprayer components including factory installed switches

### PLANTING

With Field-IQ™ crop input control system the spreader function manages the accurate control of seed, liquid or granular application.



- Prevent seed overlap by automatically controlling up to 48 individual rows
- Vary seed population in your fields to match soil potential with Rawson™ variable rate drives or existing PWM style drives
- Use a prescription map to automatically set the rate of seed
- Analyse your seeding performance with status items such as population, singulation, skips/multiples and spacing
- Track your seed varieties for post-harvest performance analysis

### AIR SEEDING

- Simultaneously control up to six materials with manual rate or prescriptions using the XCN-2050™ display
- Compatible with all major brands of Air Seeders in the Australian market
- Minimise overlap with automatic switching
- Control existing PWM, Linear Actuators, Electric over Hydraulic Motors, or Servo systems
- Monitor up to 96 rows of blockage sensors
- Read auxiliary sensors such as fan speed, low bin level, air pressure and implement switch



### SPREADING

With Field-IQ™ crop input control system the spreader function manages the accurate control of granular application.

- Vary rates of fertiliser or lime with prescriptions to save money, increase yields and keep records of what was applied
- Avoid overlap by shutting off spreading when going over previously applied areas
- Connect directly into the spreader manufacturers' existing components with a Field-IQ™ system
- Operators can now automatically control spinner speed for spreader application systems with an XCN-2050™ display and Field-IQ™ system



### SEED MONITORING

Optimise the operation of a planter and create a high yielding environment with accurate seed placement. Prevent costly seeding errors by tracking seed meter performance.

- Advanced seed monitoring increases the quality of seed placement by delivering singulation details from the seeding system to the operator, allowing for on-the-go planter tuning
- FM-750™ display supports simple seed monitoring and singulation analysis
- Prevent costly planter problems by catching them early before they cause yield reduction
- See results of singulation analysis including information on population, singulation, skips/multiples, spacing and quality of spacing



Without section control



With section control