

CASE IH CROP INPUT CONTROL SYSTEM



FIELD-IQ™ CROP INPUT CONTROL SYSTEM

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

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 FM-1000 display, DCM-300 modem and the Field-IQ system

VARIABLE RATE APPLICATION CONTROL



Increase yields and save money when planting, spraying, spreading, or fertilising. Adjust your rate manually or with a Case IH display to automatically vary the rate using prescriptions.

- Simultaneously control the application rate of up to six different materials when using the FM-1000™ 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

AFS™



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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 overspraying
- 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



AIR SEEDING



- Simultaneously control up to six materials with manual rate or prescriptions using the FM-1000 display
- Compatible with all major brands of Air Seeders in the Australian market
- Minimise overlap detection with control drive or add sections for liquid/NH3
- 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

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

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 from AFS™ desktop software 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

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 FM-1000™ display and Field-IQ system

