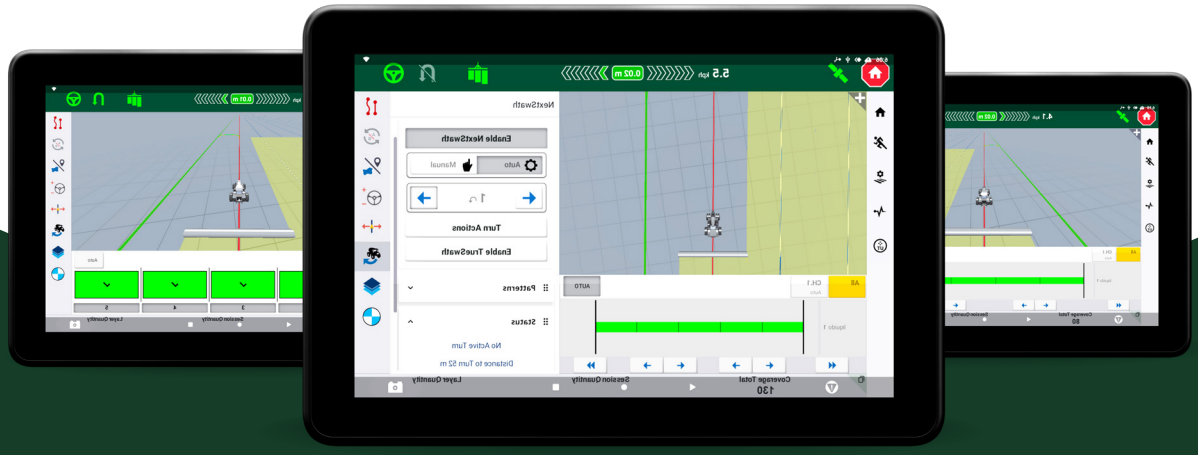
DATASHEET

FIELD-IQ

Crop Input Control System

The PTx Trimble Field-IQ™ crop input control system is a flow and application control system that prevents seed and fertilizer overlap, controls the rate of material applications, monitors seed delivery and fertilizer blockage. The Field-IQ system runs on the GFX-1260™ display, GFX-1060™ display and the GFX-350™ display. Each of these displays supports a different combination of Field-IQ functionality—giving you the ability to choose the interface option that fits your needs.



Key Benefits

Field-IQ System For Spraying

- Decreases input costs
- Eliminates over-spraying
- Provides even application of product
- Reduces operator fatigue

Field-IQ System For Planting

- Eliminates over-planting
- Increases yield
- Ensures proper seed spacing
- Prevents lodging and nutrient competition
- Lessens environmental impact

Field-IQ for Planting and Seeding

Overlapping inputs increases your costs and creates nutrient deficiency in soil due to overpopulation of seeds. The Field-IQ system controls planter clutches and a variety of air seeder systems by automatically turning sections on/off based on non-farm zones and previously planted areas.

Monitoring seed population, eliminating skips and multiples and maintaining correct seed spacing are critical in producing the maximum yield per acre. The Field-IQ system helps growers prevent yield loss by analyzing singulation in real-time so that adjustments can be made immediately.

Plants have different nutrient needs throughout the growing season based on soil conditions and other environmental factors. The Field-IQ system monitors and controls the flow rate of materials to precisely plant seeds, apply chemicals and broadcast fertilizers.

Field-IQ For Spraying and Spreading

Overlapping spray inputs increases fertilizer and chemical costs while risking potential harm to the environment. The Field-IQ system applies the correct amount of fertilizer and chemicals to your field while preventing spray overlap.

The Field-IQ system also supports rate and section control for spreading as well as spinner speed control.

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Crop Input Control System

Automatic Section Control

- Manage seed, liquid and anhydrous using inch-level control on up to 48 individual sections
- Overlap detection shows where you've been and what you've done
- Eliminate seed overlap in your headlands and point rows with Tru Count Electric Row Clutch
- Eliminate fertilizer overlap with Tru Count LiquiBlock™ valves that easily connect to clutch air lines



Seed monitoring

- Advanced seed monitoring increases the quality of seed placement by delivering singulation details from the seeding system to the operator, allowing on-the-go planter tuning
- Catch costly planter problems early before they cause yield reduction
- See results of singulation analysis including information on population, singulation, skips/multiples, spacing and quality of spacing



Variable Rate Application Control

- Simultaneously control the application rate of different materials (6 products with the GFX-1260 display or GFX-1060 display and 2 with the GFX-350 display), including granular seed, granular fertilizer, liquid and anhydrous ammonia in different combinations
- Variable rate control of materials can be achieved with a prescription VRA map for more efficient fertilizer utilization
- Automate mapping and record keeping as inputs are applied
- Adjust your seed population, fertilizer rates or spray application manually or using a prescription
- Automatically control spinner speed of spreader application systems to evenly distribute nutrients



Contact your PTx Trimble Authorized Dealer today

PTx TRIMBLE
10368 Westmoor Drive
Westminster, CO 80021
USA
+1-720-887-6100 Phone
+1-720-887-6101 Fax

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