



Precision-IQ

STEERING – Return to Pause and NextSwath 2

With Precision-IQ™ version 6.60 (bundled within the following display versions: GFX-350™ v1.60, GFX-750™ v2.60 and TMX-2050™ v6.60), Trimble Agriculture's well-known Guidance and Steering capabilities become even more robust. In addition to the standard pattern, the latest Precision-IQ update allows a continuous block turn pattern as well as an alternating block pattern to be created by the system.

Precision-IQ software continues to evolve and expand its ability to control all aspects of in-field operations for growers around the globe running almost every brand of farm vehicle. With Trimble's family of Android™ displays and Precision-IQ, you can guide your vehicle accurately on every pass and turn across a field, precisely control implements doing the actual work, and share data across the entire farming operation.

RETURN TO PAUSE

During certain field applications it is common practice to leave a field, refill an implement with more product, and return to continue the operation. While running Precision-IQ, the departure and return to the field can cause an overwhelming number of guidance lines to be created and held in the display's memory, causing unwanted behavior. When travelling large distances from an active swath, the guidance lines and coverage array can be distorted and misrepresented.

With Return to Pause, the operator can now put the creation of new guidance lines on hold to pause work, refill the product being applied, and then return to the paused location with the correct projected guidance lines and coverage to continue working.

In addition, Return to Pause allows:

- ▶ Distance to be measured from the Pause point, a dynamic measurement that is actively shown as the vehicle travels away from that pause point.
- ▶ Marked Pause locations to be retained when the display is turned off and then back on, allowing the user to continue an existing task over a lunch break or even overnight.





PRECISION-IQ STEERING – Return to Pause and NextSwath 2



Why NextSwath?

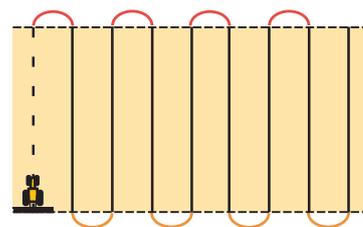
- ▶ Improves turning efficiency and repeatability
- ▶ Saves time, fuel costs, and prevents crop damage

NEXTSWATH 2 END-OF-ROW TURN TECHNOLOGY

Trimble® NextSwath™ 2 is our improved end-of-row turn technology that automatically calculates and executes the best path to turn around a vehicle and approach the next crop row (or swath) with the implement precisely aligned to begin working. In addition to the standard pattern, the latest Precision-IQ update allows a continuous block turn pattern as well as an alternating block pattern to be created by the system. These new patterns give seasoned operators a more familiar experience and allows common manual turn patterns to be automated.

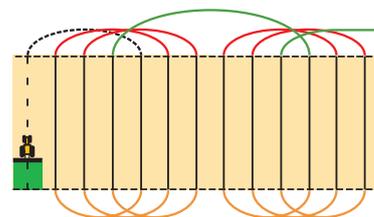
Standard Pattern

The standard “up and down” turn pattern for typical row crop applications. First introduced with Trimble’s original NextSwath feature release.



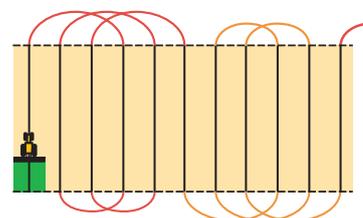
Continuous Block Pattern

A multi-row pattern which makes all turns in the same direction. Commonly used when working the ground, this pattern greatly reduces the risk of a collision between a drawn implement and the tractor. The easier turns reduces wear and tear on equipment but can cause headland compaction.



Alternating Block Pattern

Another row-skipping pattern which changes the direction of the turn for each group of swaths. Reduces wear on equipment as with the continuous block pattern, but offers more efficient field coverage and slightly less headland compaction due to fewer passes.



Please note: Only the NAV-900 guidance controller currently supports the continuous block and alternating block turn patterns.

Contact your Trimble Ag Reseller today

TRIMBLE AGRICULTURE DIVISION
Trimble Agriculture Division
10368 Westmoor Drive
Westminster, CO 80021
USA
+1-720-887-6100 Phone
+1-720-887-6101 Fax

TRIMBLE INC.
Corporate Headquarters
935 Stewart Drive
Sunnyvale, CA 94085
USA
+1-408-481-8000 Phone
+1-408-481-7740 Fax

TRIMBLE GERMANY GMBH
Am Prime Parc 11
65479 Raunheim
GERMANY
+49-6142-2100-0 Phone
+49-6142-2100-140 Fax

© 2020, Trimble Inc. All rights reserved. Trimble, and the Globe & Triangle logo are trademarks of Trimble Inc., registered in the United States and in other countries. GFX-350, GFX-750, NextSwath, Precision-IQ, and TMX-2050 are trademarks of Trimble Inc. Android is a trademark of Google LLC. All other trademarks are the property of their respective owners. PN 022503-1920-en-UK (11/20)

