

Field Manager: Access Paths & Tramlines

AGRICULTURE

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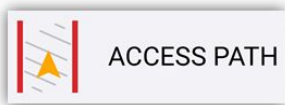
Field Manager: Access Paths and Tramlines

Field Manager: Access Paths and Tramlines Contents	
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Access Paths

Precision-IQ includes the functionality to identify a set of AB line or Curve swaths that should be interrupted on a given interval to allow for an access path, or a designated right of way. An **access path** is a row in your field that is not in production, and is typically used for frequent right of way travel. This right of way does not interfere with production crop swaths in a field. For example, strawberry bedding typically needs defined access paths between planted beds to move harvest vehicles and people through the field.

On the Field Manager's Guidance Pattern screen, tap the **Access Path** button:



Creating an Access Path

Follow the steps below to create an access path:

1. In the Run screen, create an AB line or Curve.
2. Tap the **Field Manager** icon in the Activity Bar, and then tap the **Guidance Patterns** tab.
3. In the Patterns pane, tap **AB Guidance** and select an AB line that you want to define as an access path.
4. Activate the selected AB line.
5. Tap the **Access Paths** button. The Access Paths pop-up window appears:

<http://agpartners.trimble.com>

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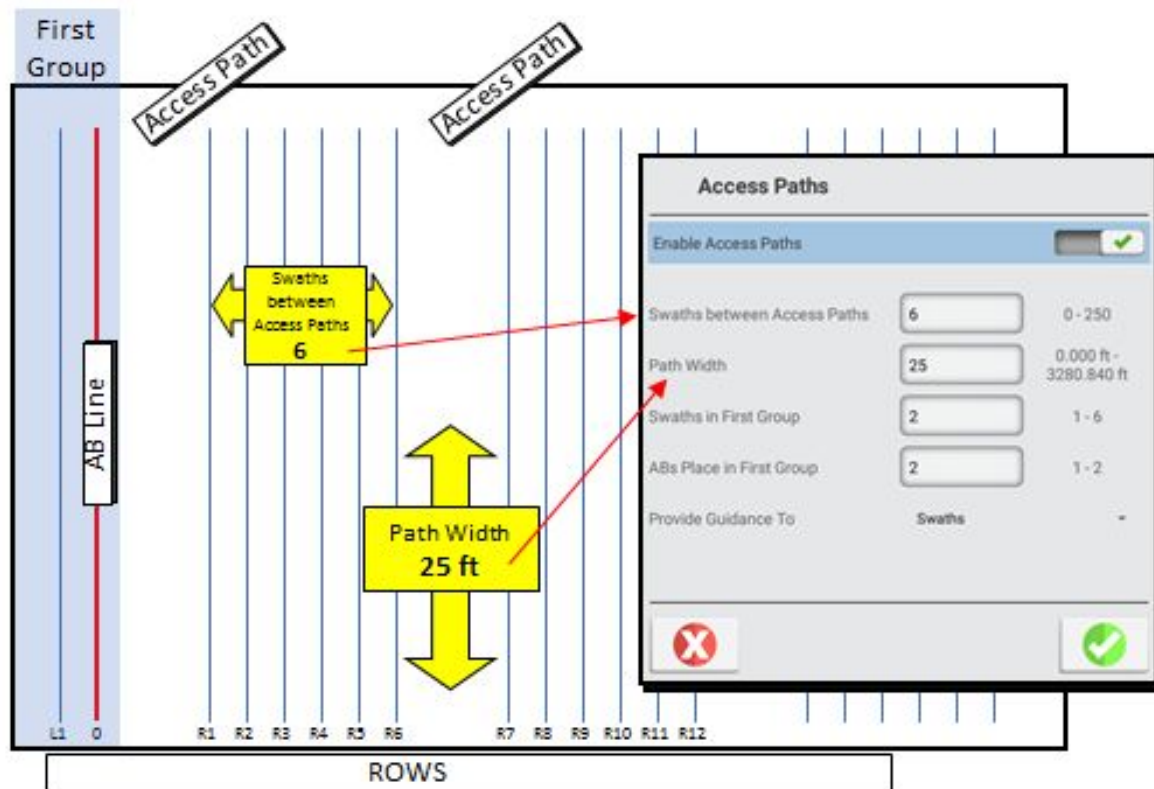
6. Update the following settings:
 - **Enable Access Paths:** By default, Access Paths is disabled. Tap the switch to enable the feature.
 - **Swaths between Access Paths:** Enter the number of swaths between the access path.
 - **Path Width:** Enter the width of the access path. Use a width of the expected traffic flow.
 - **Swaths in the First Group:** The very first group may not be the same as the repeating swaths. Enter the number of swaths to repeat before the first right of way access path break.
 - **ABs Place in the First Group:** The location of the Master AB Line or Curve within the first group.
 - **Provide Guidance To:** Default is guide to **Swaths** (for this release).
7. Tap the green check mark.

Notes:

- Access Path is not supported with the use of Pivot or Headland guidance patterns.
- Currently, the **Provide Guidance to** setting only supports **Swaths**.

Access Paths in the Field

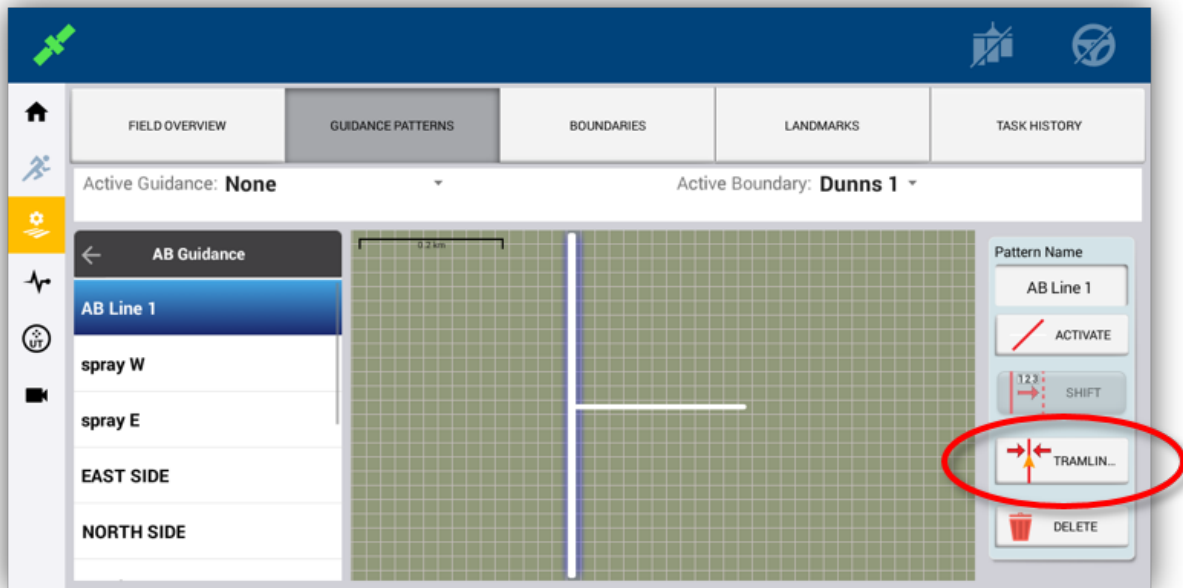
Once you have configured your access path settings, the swaths of your field will look something like this:



Tramlines

A tramline (also referred to as *controlled traffic farming*) allows you to highlight the guidance swaths on which the planter/drill should have the tramline system row(s) shut off. This functionality is available for straight line **AB** and **A+** for inline and offset tramline functionality. Curve tramline functionality is for inline (non-offset) tramlines only. Precision-IQ's tramline functionality supports both centrally mounted and double-pass tramline systems

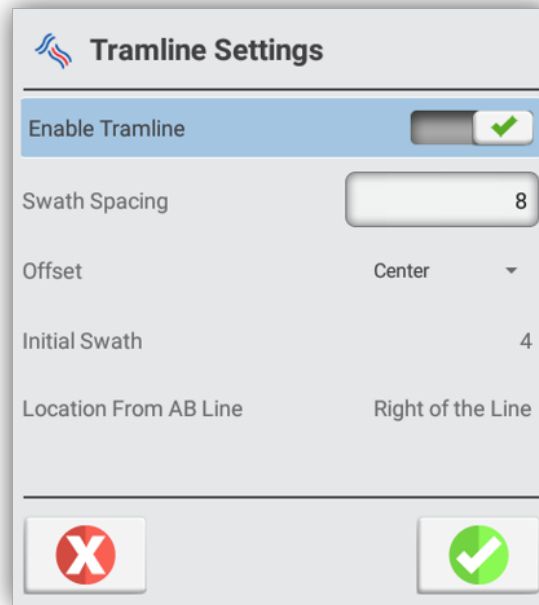
On the Field Manager's Guidance Patterns screen, tap the **Tramline** settings button to get started:



Centrally Mounted Tramline System Setup

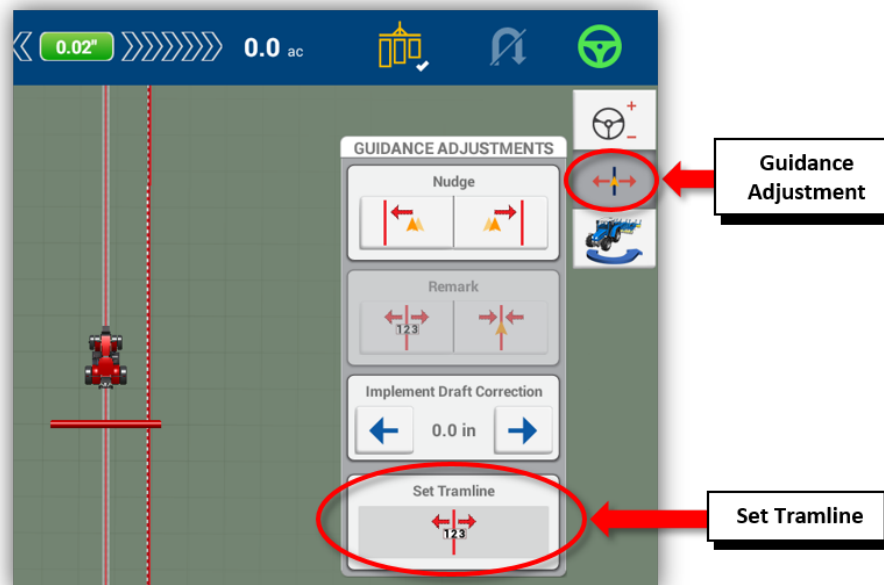
1. On the Activity bar, tap the **Field Manager** icon. Then tap **Guidance Patterns** at the top of the screen.
2. In the list of All Guidance, tap **AB Guidance**.
3. Tap an **AB Line**, **AB+ Line**, or **Curve** to which you want to assign the Tramline functionality. This action should highlight the pattern on the map. Tap the **Tramline** button on the pattern adjustment panel.
4. On the Tramline Settings pop-up window:
 - Tap the **Enable Tramline** toggle to activate tramline functionality for the selected line.
 - Set the **Swath Spacing** value based on the cycle interval.
 - Select the Offset to be **Center**.
 - Tap the green check to save the settings.

Note: Curves only allow center offsets. The **Initial Swath** and **Location From AB Line** are status items only.



5. When in the Run screen **and** on the pass that you want to designate as the start of the tramline cycle interval. Tap the **Guidance Adjustments** button and then tap the **Set Tramline** button on the pop-up.
6. A confirmation pop-up will ask if you want to create a guidance line in this location for the following operations that will use the tramline (for example, spraying). If so, tap **OK**; otherwise, tap **Cancel**.
7. The Run screen will update to show Tramline shutoff rows highlighted with a white background behind the swaths.

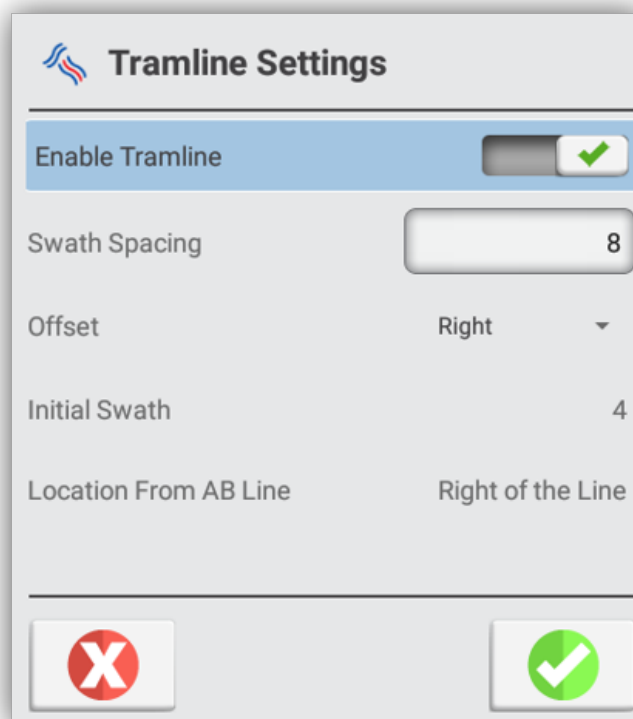
Note: If changes are to be made to the tramline settings (for example, if you need to change the offset), then you must tap the **Set Tramline** button again on the desired swath for the changes to be applied.



Double-Pass Tramline System Setup

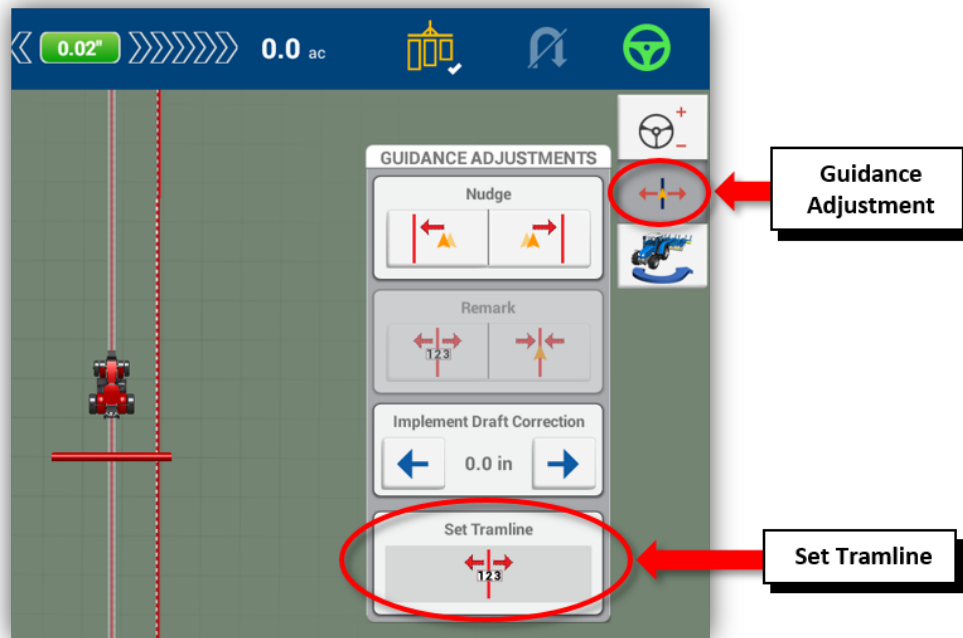
1. On the Activity bar, tap the **Field Manager** icon. Then tap **Guidance Patterns** at the top of the screen.
2. In the list of All Guidance, tap **AB Guidance**.
3. Tap an **AB Line**, **AB+ Line**, or **Curve** to which you want to assign the Tramline functionality. This action should highlight the pattern on the map. Tap the **Tramline** button on the pattern adjustment panel.
4. On the Tramline Settings pop-up window:
 - Tap the **Enable Tramline** toggle to activate tramline functionality for the selected line.
 - Set the **Swath Spacing** value based on the cycle interval.
 - Select the Offset to be **Left** or **Right** based on implement setup.
 - Tap the green check to save the settings.

Note: Curves only allow center offsets. The **Initial Swath** and **Location From AB Line** are status items only.



5. When in the Run screen **and** on the pass that you want to designate as the start of the tramline cycle interval. Tap the **Guidance Adjustments** button and then tap the **Set Tramline** button on the pop-up.
6. A confirmation pop-up will ask if you want to create a guidance line in this location for the following operations that will use the tramline (for example, spraying). If so, tap **OK**; otherwise, tap **Cancel**.
7. The Run screen will update to show Tramline shutoff rows highlighted with a white background behind the swaths.

Note: If changes are to be made to the tramline settings (for example, if you need to change the offset), then you must tap the **Set Tramline** button again on the desired swath for the changes to be applied.



For More Information

Contact your local Trimble Regional Sales Manager.