

# Field Manager: Landmarks (P/L/A)

AGRICULTURE

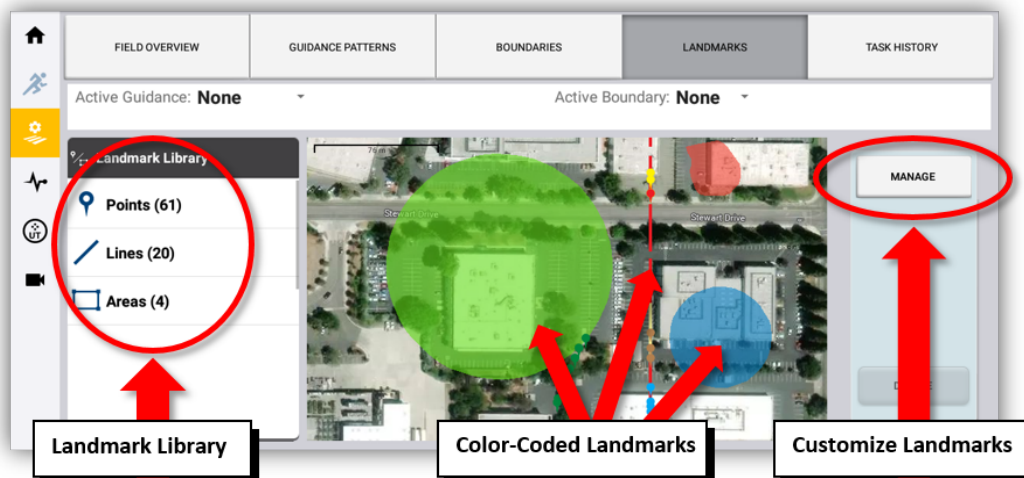
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TRIMBLE RESELLER CONFIDENTIAL

## Field Manager: Landmarks (Point/Line/Area)

On the Field Manager screen's Landmark page, tap the **Manage** button to access a large library of preconfigured points, lines, and areas (as well as create your own custom P/L/A's) that can be assigned to any of the four Run screen point/line/area feature buttons. The Landmarks screen shows with the following settings:

- A **Landmark Library** that groups all point, line, and area landmarks together. For example, in the sample below, you can see that 61 points have been applied to your field from the Run screen. Tap **Points** to view all *point types* (such as Gate, Hazard, Rock, Tree) that you have used, then tap a point type to see all points of that type and where they appear in your field.
- **Color-coded landmarks** provide an at-a-glance overview of the variety of landmark types assigned to your field.
- A **Manage** landmarks button for you to add and configure any number of landmark attributes. With this Manage button, you can:
  - Assign Landmarks from the comprehensive Landmark Library to the four Run screen point/line/area feature buttons.
  - Change recording point for feature points or for lines and areas.
  - Create user-defined landmarks and manage them in the Landmark Library.



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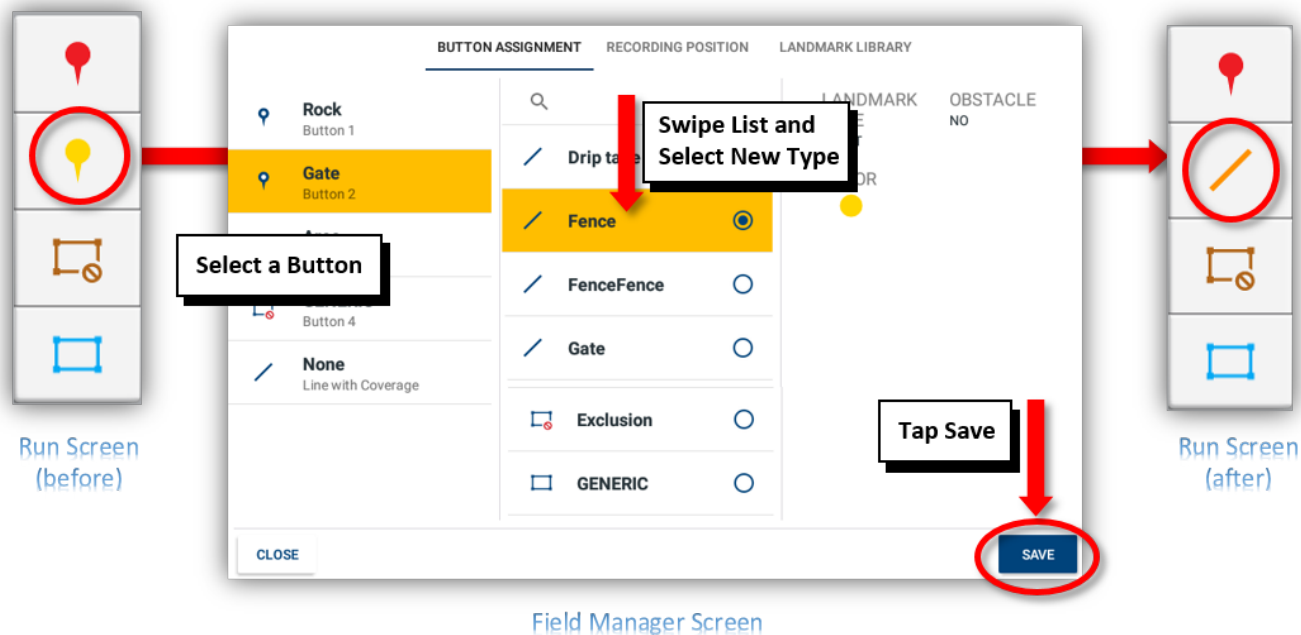
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## Assigning a Landmark Type to the Run Screen P/L/A Buttons

When you tap the **P/L/A Landmarks** button on the Run screen, there are four (4) buttons that can be customized to fit the desired operation style:

1. In the Activity bar, tap the **Field Manager** icon.
2. Tap **Landmarks** (at the top of the screen) and then tap the **Manage** button.
3. On the Manage Landmarks pop-up screen, tap **Button Assignment** (displayed by default) and tap the button you want to configure to select it.
4. Then scroll the list of available landmarks and tap to select a new landmark type.
5. After you have assigned your landmark types, tap **Save** before leaving the Button Assignment tab.

When you return to the Run screen, the button will now show the new type of landmark you have assigned.



**Note:** You must tap **Save** any time you make a new button assignment.

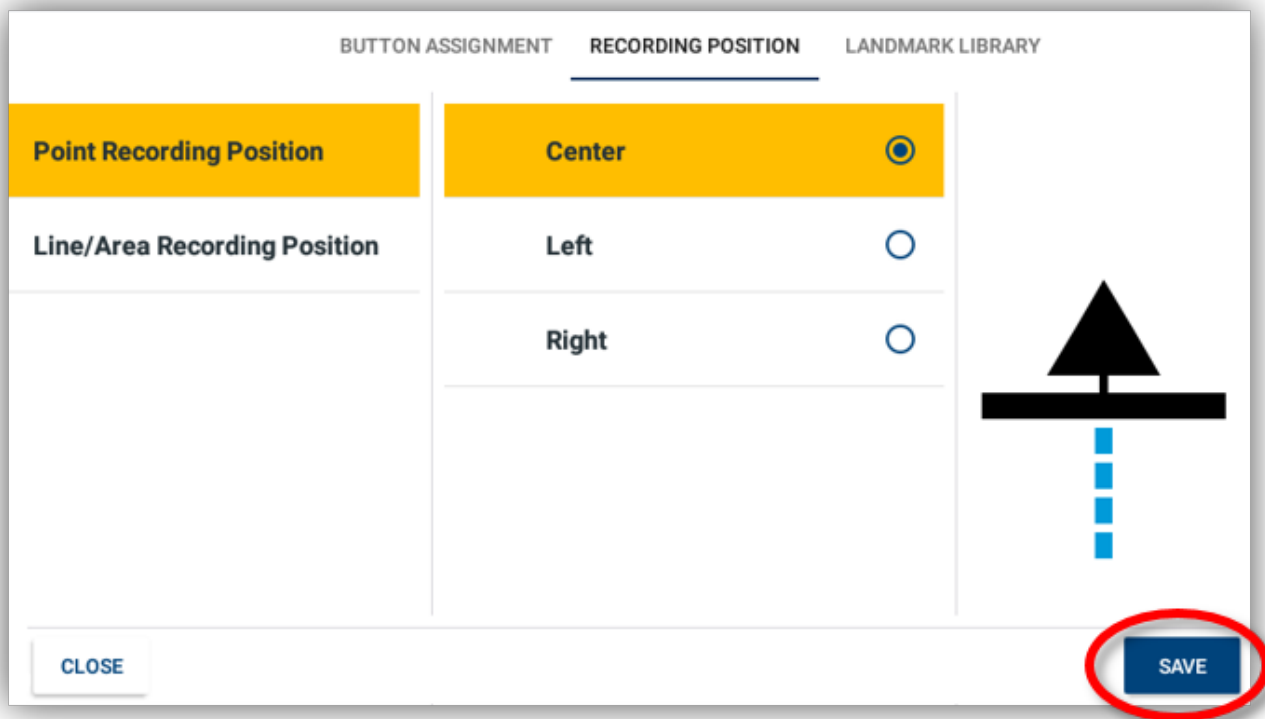
## Set Recording Position

You can determine the position on the implement where a landmark is applied to a field:

1. On the Manage Landmarks pop-up screen, tap **Recording Position**.
2. Select either Point Recording Position or Line/Area Recording Position:
  - Tap **Point Recording Position** to set a position for landmark points (such as a tree, rock, gate, etc.)
  - Tap **Line/Area Recording Position** to set a position for landmark line (such as a fence, ditch, etc.) and area (such as, pond, obstacle, etc.)
3. Tap the position: **Center**, **Left**, or **Right**. The image will update to show the new position.

**Note:** The recording position corresponds to the defined application point of your implement.

4. Tap **Save**.



**Note:** You must tap **Save** any time you change the recording position.

## Customize Landmark Library

You can customize an existing landmark or add a new one:

1. On the Manage Landmarks pop-up screen, tap **Landmark Library**.
2. Tap a landmark type on the left (Point, Line, Area) and tap the **Edit** button on the lower right.
  - Tap **New** if you want to create a new landmark.
3. Depending on the landmark type you select, you have several options that you can customize. For example, if you select a Line landmark, you can change the:
  - Landmark Name
  - Color
  - Obstacle: tap to toggle between **Yes** and **No**.
  - Guidable: tap to enable the line to be guidable. You'll need to enable this feature when you use Precision-IQ's Guide-to-Line function.
4. Tap **Update** (or **Create** if you are creating a new landmark).

The screenshot shows the 'LANDMARK LIBRARY' tab selected. The left panel lists landmark types: 'Line' (Landmark Type), 'Fence' (Landmark Name), 'Color' (Color), 'No' (Obstacle), and 'Yes' (Guidable). The 'Yes' option is highlighted in yellow. The right panel shows a 'Guidable' toggle switch, which is currently turned on, with the text 'Indicate this Landmark is Guidable' below it. At the bottom, there are 'CANCEL' and 'UPDATE' buttons. The 'UPDATE' button is circled in red.

**Note:** While you can create and modify any number of landmarks, *you cannot delete a landmark*. Use caution when creating a new landmark.

## Guide-to-Line

On the Field Manager screen's Landmark page, you can activate a **Line with Coverage** button to appear on the Run screen with the point/line/area feature buttons. You can create a set of guidable feature lines within Precision-IQ, or you can import a field containing them from a USB drive.

### Create a Line Set with Coverage

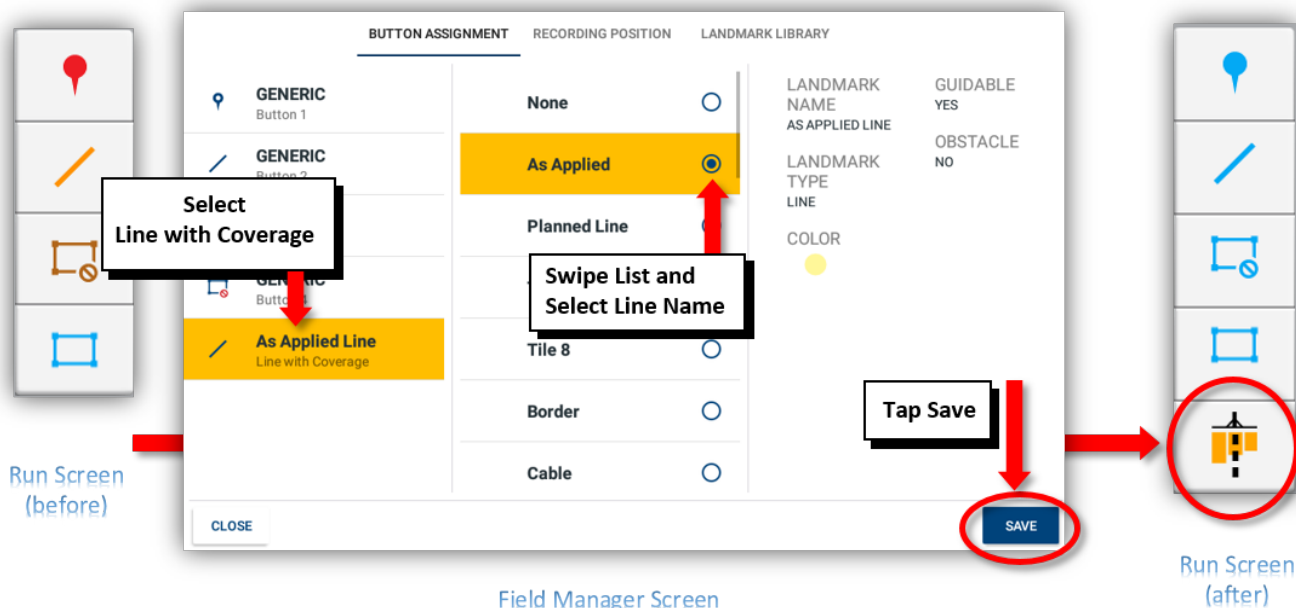
When you tap the **P/L/A Landmarks** button on the Run screen, a fifth button can now be used specifically for creating a line set when coverage is applied:

1. In the Activity bar, tap the **Field Manager** icon.
2. Tap **Landmarks** (at the top of the screen) and then tap the **Manage** button.
3. On the Manage Landmarks pop-up screen, tap **Button Assignment** (displayed by default) and select **Line with Coverage**.
4. Scroll the list of available lines and select a line name.

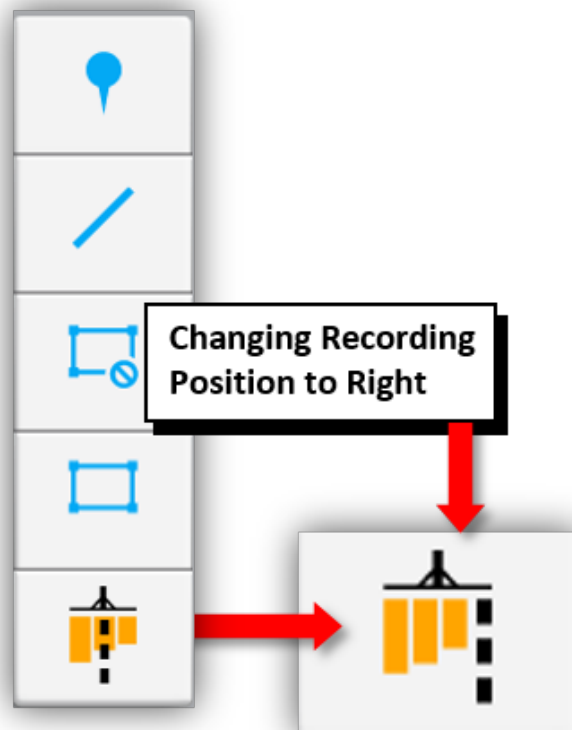
**Note:** Changes must be saved before leaving the Button Assignment tab. Tap **Save** any time you make a new button assignment.

6. Tap **Save**.

When you return to the Run screen, the Line with Coverage button will now appear.



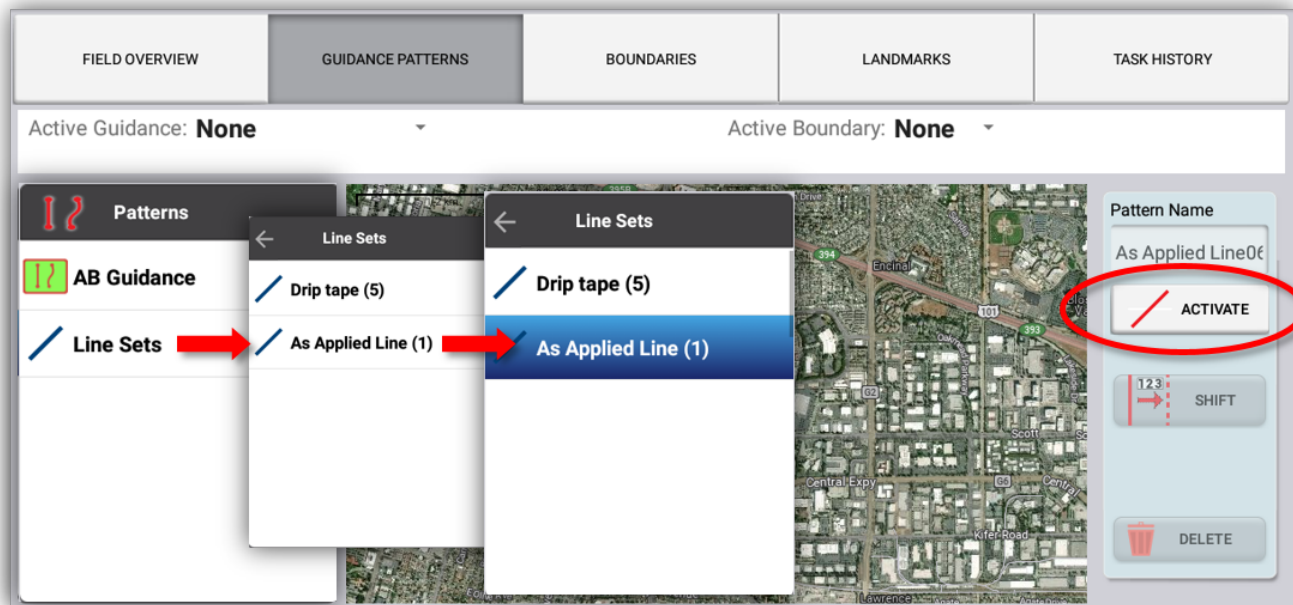
Like the other buttons, you can customize it in the Landmark Library tab. When you change the **Line/Area Recording Position**, the button on the Run screen will update to show the new position:



## Activating Guidance Line Sets

To activate line sets for guidance, you must:

1. On the Field Manager screen, tap **Guidance Patterns** at the top of the screen.
2. In the Patterns pane, tap **Line Sets**. The pane updates to show all of your line sets that are *guidable* and which were created with the Landmarks tab.
3. Tap a line set to select it, and then tap the **Activate** button on the right.



### Notes:

- A line set can only be guidable if the *Guidable* line attribute for the Line (in the Landmark Library) is set to **Yes**.
- If a field containing line sets is imported into Precision-IQ, the line sets will appear in the Patterns menu.
- Precision-IQ does not support fields that contain over 1,000 feature lines.

## For More Information

Contact your local Trimble Regional Sales Manager.