

Materials

AGRICULTURE

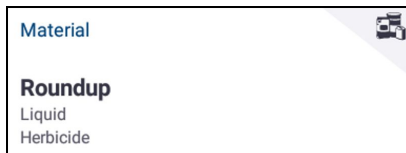
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Managing Materials in Precision-IQ

As part of a field run, a material is that which you apply to a field through an implement. Precision-IQ records the amount and coverage of each material applied to your field. If you are using farm management software (such as Trimble Ag Software), then this data is then sent to your farm office and is used to effectively and efficiently manage the farm.

On the Materials screen, you can add and edit materials as well as calibrate material flow. From the Home screen, tap the **Material** tile to get started:



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Categories and Types of Materials

This section lists the categories and types of material supported by Precision-IQ.

Category	Material Type			
Anhydrous	Anhydrous	Other		
Granular Fertilizer	Adjuvant Fertilizer/Lime Fungicide	Growth Regulator Herbicide Insecticide	Manure Nematacide	Other Rodenticide
Liquid	Adjuvant Fertilizer/Lime Fungicide	Growth Regulator Herbicide Insecticide	Manure <i>(used with Slurry operations only)</i> Nematacide	Other Rodenticide Water
Granular Seed	Barley Beans, Dry Canola Corn Corn, seed	Cotton Millet Oats Other Peanuts	Popcorn Potatoes Rice Rye Sorghum Grain	Sugar Beets Sunflowers Wheat
Row Crop Seed	Barley Beans, Dry Canola Corn Corn, seed	Cotton Millet Oats Other Peanuts	Popcorn Potatoes Rice Rye Sorghum Grain	Sugar Beets Sunflowers Wheat

Adding a Material

A material must be assigned to an application channel before it can be applied to a field. This section describes how to add a material.

- From the Home screen, tap the Material tile. The Material Assignment screen shows the following information:
 - Available Channels:** This section shows the number of channels available to the selected implement. Some implements can deliver more than one material (for example, seed and fertilizer). Implements deliver a particular material through channel. Tap the On button to enable or disable a channel.
 - Available Materials:** This section shows the material profiles that have already been created. Tap a material from this list to select it and review its details. Materials will only be listed that have the same category as the application channel.
 - Material Detail:** This section shows details about the selected material.
- Tap **New**.
- A form appears for you to enter details about the material. Tap each field to update it:

Material Name: Enter a name for the material.

Category: Select the category of material to be applied from the pop-up list.

Type: Select the type of material to be applied from the pop-up list. The items from the list depends on the category you select. For example, if you select **Row Crop Seed** as the category, then the Type options show only those items that apply.

Distributed Units: Select the units to use with the selected material.

Target Rate 1 and **Target Rate 2:** Control the volume that the implement supplies when Rate 1 or Rate 2 is selected.

Rate Increment: Set rate increment. When you increment/decrement Rate 1 or Rate 2 on the Run screen, the current application rate increases or decreases by this amount.

Minimum Rate and **Maximum Rate:** Set the minimum and maximum rates that will be applied.

4. Tap **Material Details** (*optional*). You can also add additional details about the material. These details are not required to start a field run, but can be useful for tracking in the farm office. In the Material Details pop-up, tap each field to update it:

Product Number: Enter the registration number for the material from the environmental protection agency for the area, if applicable.

Manufacturer: Enter the material manufacturer's name.

Restricted Use: Tap to enable Precision-IQ to record whether use of the material is restricted by local, regional, or national laws.

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Buffer Distance: Enter the buffer distance from the product label of the material.

Max Wind Speed: Enter the maximum wind speed from the product label of the material.

Notes: Enter any other notes that you want to record with the material.

When you have entered the optional material details, tap the green check mark to save the changes.

5. Tap **Save** to complete the process. Once you have saved the material profile, it will appear in the Available Materials list depending on the implement you have selected.

Editing a Material

As you apply a material to a field, you may find that some details need to be modified. Precision-IQ allows you to modify some options of the selected material:

1. On the Home screen, tap the **Material** tile. Then, on the Material Assignment screen, tap a material from the Available Materials list that you want to edit to select it.
2. Tap the **Edit** button.
3. On the Material Assignment screen, tap the field(s) you want to update and make your changes.
4. When you are satisfied with your changes, tap **Save**.

Deleting a Material

If you no longer need to use a material, you can delete it from the list of Available Materials.

Note: There is no "undo" for deleting a material. However, you can always add it again. See [Adding a Material](#).

1. From the Home screen, tap the **Material** tile. Then, on the Material Assignment screen, tap a material from the list of Available Materials that you want to delete to select it.
2. Tap the **Delete** button.
3. A confirmation pop-up window will display. Tap the green check to complete the material deletion.

For More Information

Contact your local Trimble Regional Sales Manager.