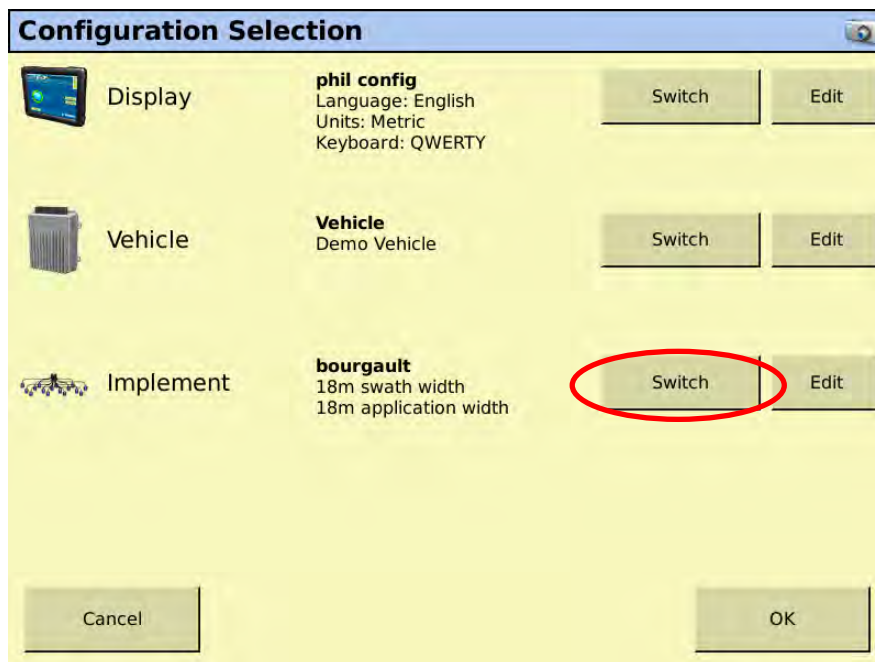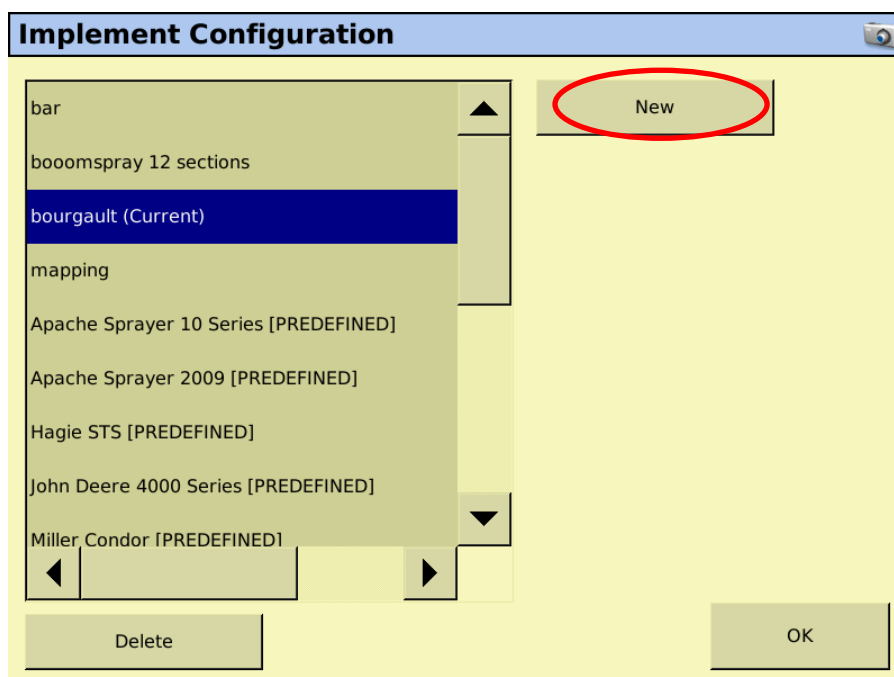# Setup New Implements

When you need to set up a new implement, touch on the Run Screen and the usual page will open. Touch on the Switch button for you implement & see if the required implement is there, if not, you will have to create a new one.

Touch on the **New** button to create the new implement.

Clear the name "New Implement" and type in the a name that matches what you are trying to add.

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Touching on OK will bring up the Plugin Screen. This is where you assign plugins (that are unlocked at cost) to your implement. An example might be to assign the Field IQ plugin to a sprayer or seeder for section control. Next time that you change to that implement, it knows to load the plugin as well.
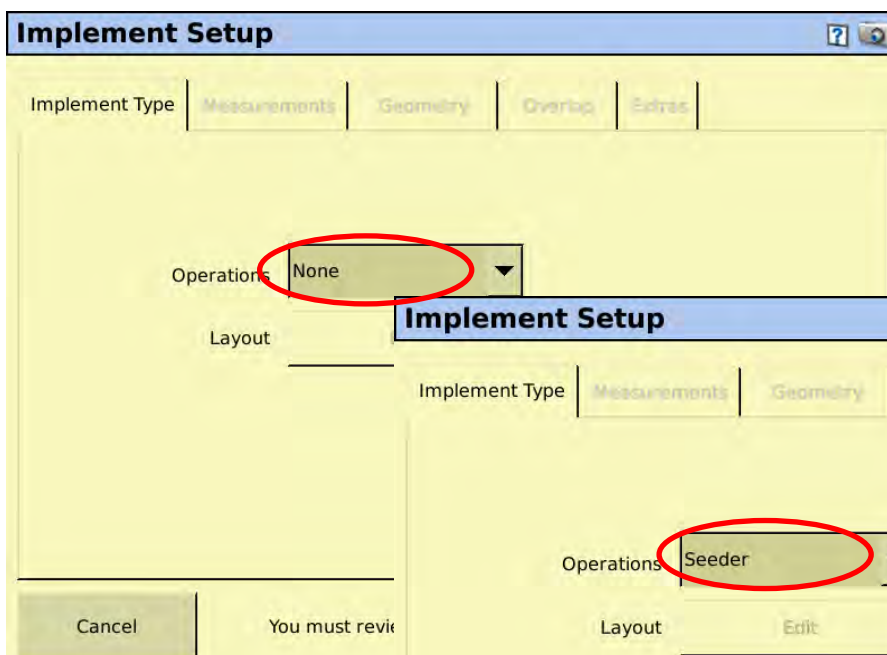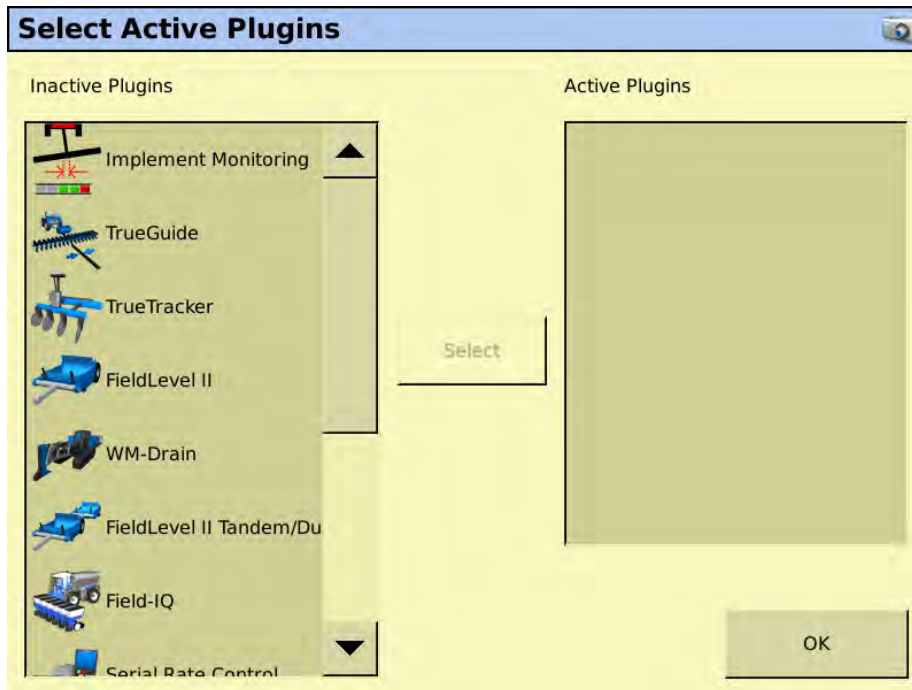
Set the Operations section to whatever your operation is – seeding, spraying etc. **This step is very important & often overlooked.**

In this case we are sowing with an air seeder, so Seeder is selected. The planting operation is usually for precision seeders.

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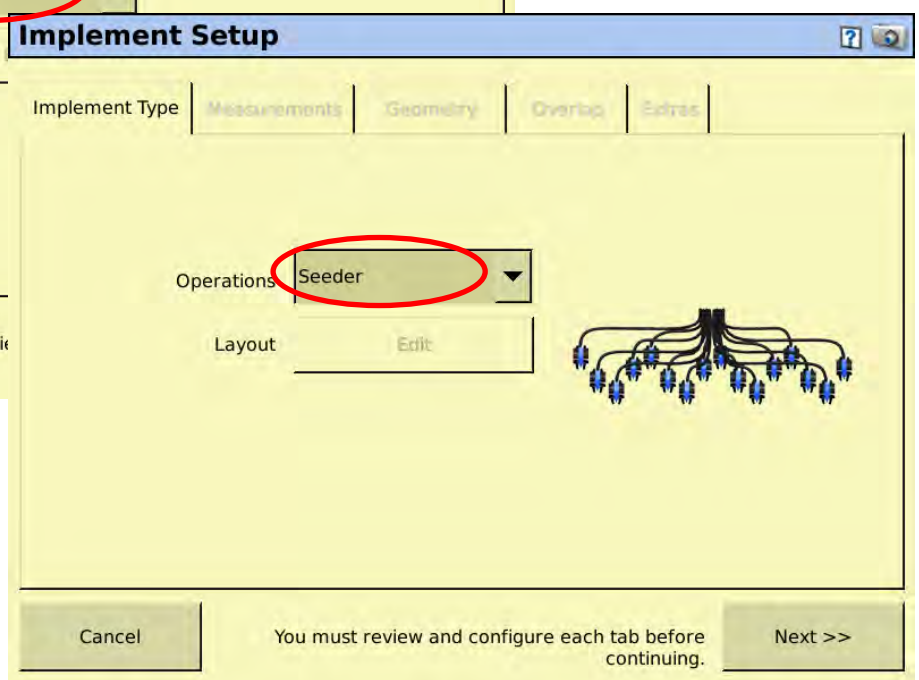
Touch on the Next button brings up the Measurements Tab. Add in the measurements of your implement

If you are unsure of what should be put into each section, touch on the help button in the top right corner for more information to help you set up.

Implement Setup

| Implement Type | Measurements | Geometry | Overlap | Extras |

Swath Width	12.00 m (A)
Application Width	12.00 m
Application Offset	-3.00 m (B)
Rows	1
Left/Right Offset	0.00 m (C)

Cancel | You must review and configure each tab before continuing. | Next >>

A few guidelines

- Swath Width and Application width are usually set the same except for Field IQ setups where application width may be slightly wider than swath width.
- Row numbers are usually set to 1 unless you are using a precision planter.
- Left/Right Offset – information follows on how to best measure this.

Implement Setup

| Implement Type | Measurements | Geometry | Overlap | Extras |

Start Overlap	1.00 m
Allowable Side-to-Side Coverage Overlap	
Allowable Boundary Overlap	
End Overlap	0.00 m
Infill Boundary	Outer
Apply Latency to Boundary	No

Cancel | You must review and configure each tab before continuing. | Next >>

Touching Next will bring up the Overlap screen – this will generally only be used in Field IQ setups

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Touch Next and the Extras tab will be opened. Don't worry about the Variety setup – again it's more to do with precision planters

The Remote Log Switch enables you to automatically log* your coverage maps on and off automatically. Often this is added to the seeder on and off circuit. Touching on the box will bring up which connector it will be added to and also open another box under it that you configure whether it logs when the connectors are closed or open circuit.

*Coverage logs are the yellow trails on your screen that tell you where you've been

Touching the OK button will bring you back to the configuration screen with your new implement selected.

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Adjusting Swath Width and Offset

Set your implement to the width between the furthest Left hand and the furthest Right hand tyne, nozzle etc and add 1 row width. ie – for a machine with a row width of 12 inches, add 12 inches to the total width. You will most likely have to convert it to meters to add to the screen.

Go to the field and work up 2 sections with a skip between at least 50 – 100m long in the same direction. Go back and come back from the other direction and stop when you are level with the first 2 runs. (See pictures below)

Check the distance between the last tyne of each run on each side They should add to 2 row widths. They should also be equal. eg – for a 12inch row width, you should have 12 inches between each side which adds to 24 inches.

Implement set up correctly
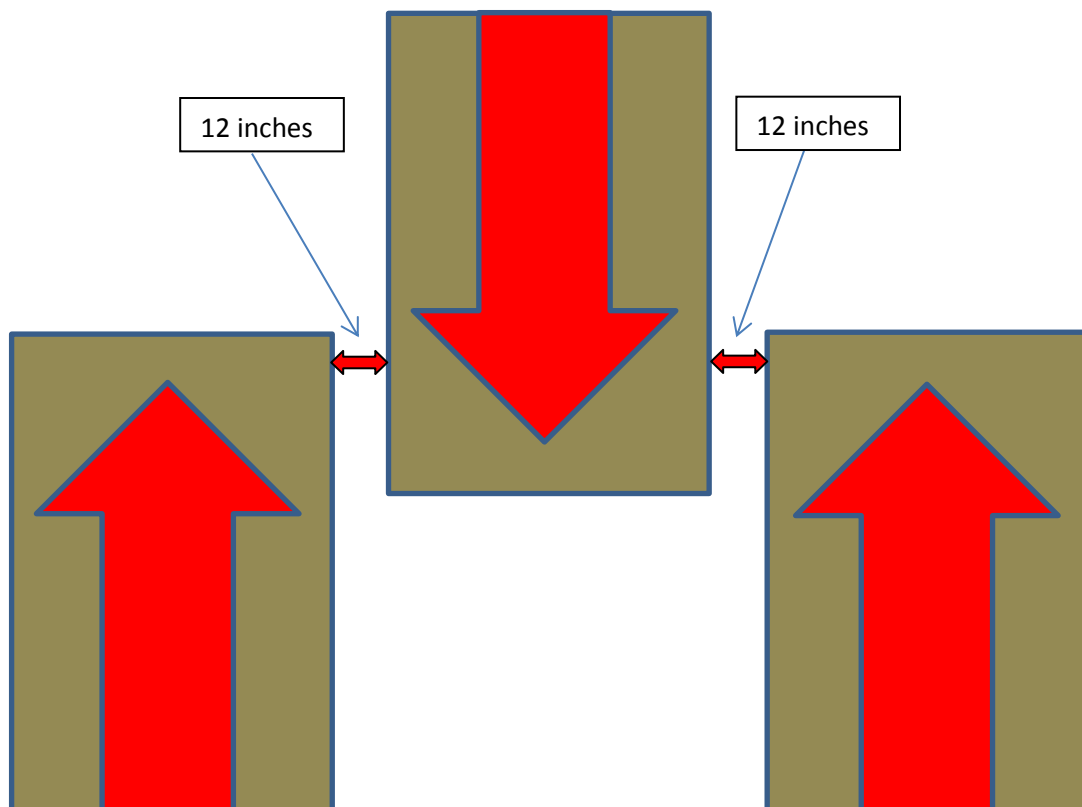
Implement pulling to one side

Sometimes you may get one side different to the other, but between the two measurements they add up to the right amount. In this example we have 8 inches one side and 16 the other side – 24 inches between the two. This means that the offset is wrong, but tells you that the implement width is right.
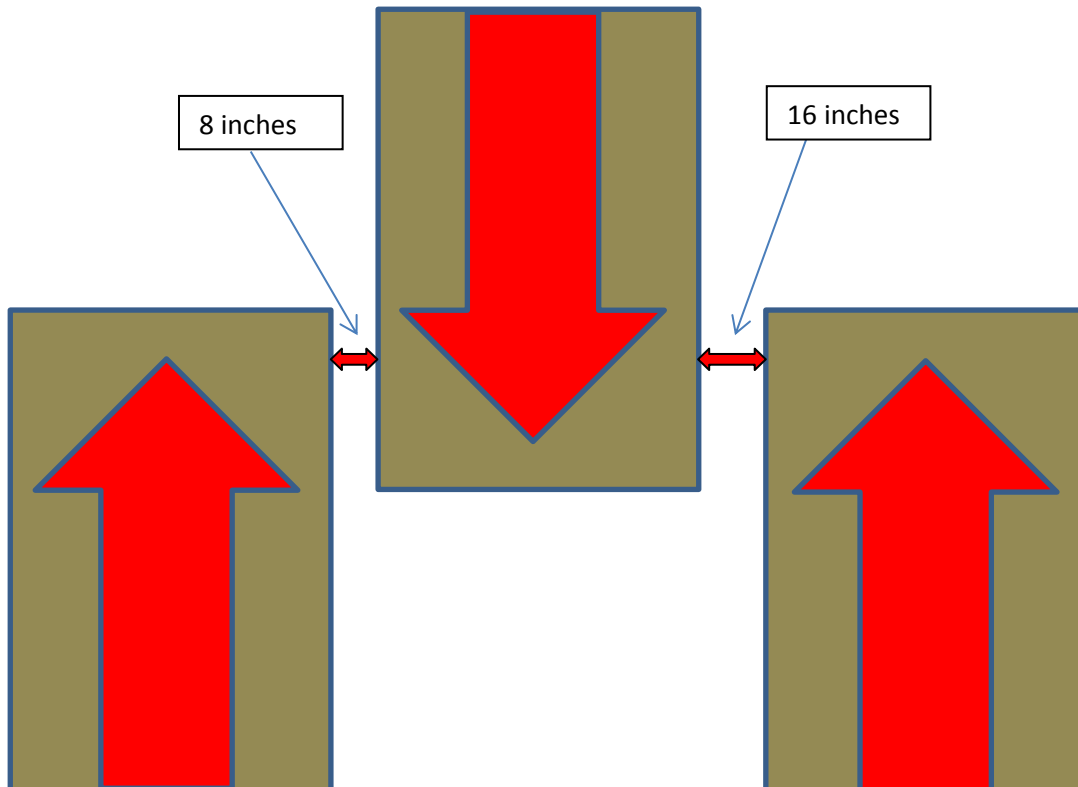
8 inches

16 inches

When entering the offset, you can set the input to be either metric or imperial. In this case we are working with inches when talking row spacing, so choose that method. Enter the amount of offset you want the implement to be offset. In this case we found that the implement is 4 inches offset to the right when viewed from the operator's seat, so we need to offset ½ that amount to the **right**. Think of it as offsetting the tractor to right of the implement which will move the implement to the left. The ½ width accounts for the doubling up effect from coming back from the two swaths being done opposite ways.

To get to this screen, touch on Configuration>Select your implement>Setup>Measurements>Left/Right Offset

Enter Left/Right Implement Offset

Range: 0' 0" ... 200' 0.0"

clear	0	2	<<
	Feet	Inches	

Left	1	2	3	Metric
Right	4	5	6	Feet & Inches
	7	8	9	Decimal Feet
		0	.	

Cancel	Calculator		OK

Implement width not set correctly

Sometimes you may have the two sides equal, but they are not the right row width. In this case you have not set the swath width to the correct size. Re-check the width of your implement and add 1 row width. You may have to try a few times till you get the right width

10 inches   10 inches

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