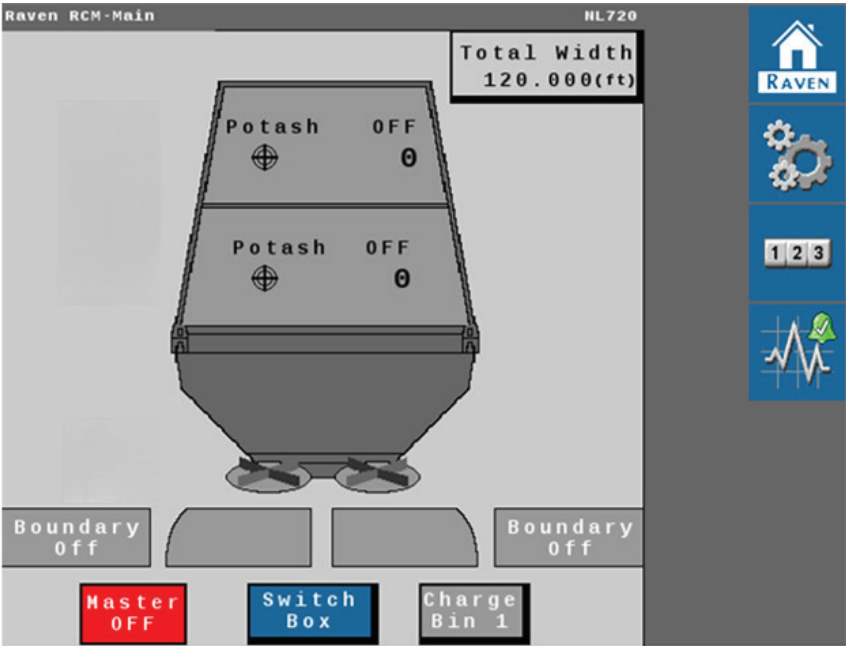


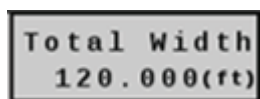


NL720 ISO Controller QUICK GUIDE

NL720

Main UI





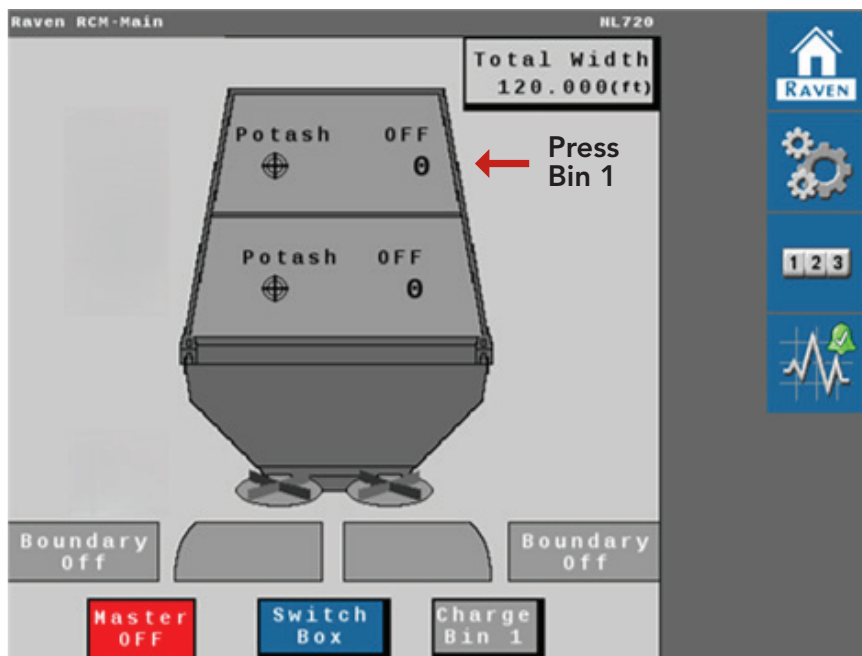
	FUNCTION/OPERATION
Product Bin Status	Status: Grey <ul style="list-style-type: none"> Product Off Grey with Green Outline <ul style="list-style-type: none"> Product on, but no sections on. Green <ul style="list-style-type: none"> Product applying Red <ul style="list-style-type: none"> Error with product
Target Rate	Displays the target application
Actual Rate	Displays the actual application rate
Total Width	Total width of the spread pattern as configured during the initial equipment calibration
Spinner Status	Grey <ul style="list-style-type: none"> Spinners off Green <ul style="list-style-type: none"> Spinners on Red <ul style="list-style-type: none"> Spinner error Purple <ul style="list-style-type: none"> Controlled reduce speed
Left & Right Boundary	Enable left/right boundary option to slow down the spinner rpm for the respective spinner and avoid spreading product outside of the field area
Master Switch Indicator	Shows status of the master switch Green - on Red – off Orange – cycle the master switch
Bin Charge	Bin charge indicator – press and hold function
Section Status	Displays the status for the left and right sections Grey – Not applying Green – Applying Red – Error with section Purple – Pattern control active

Bin Charge

1. Turn on spinners (armrest)



2. Press Bin 1



Bin Charge

3. Input

- Target Rate
- Density
- Product Type

Setup Rates

Product 1 Granular

Target Rate
(lb/ac)

900

←

Product Density
(lb/cubic feet)

68.0

←

?

Product Type

Potash

←

Adjust Output

0.0

-

+

Tank/Bin Cleanout

Bin Chaining

✓

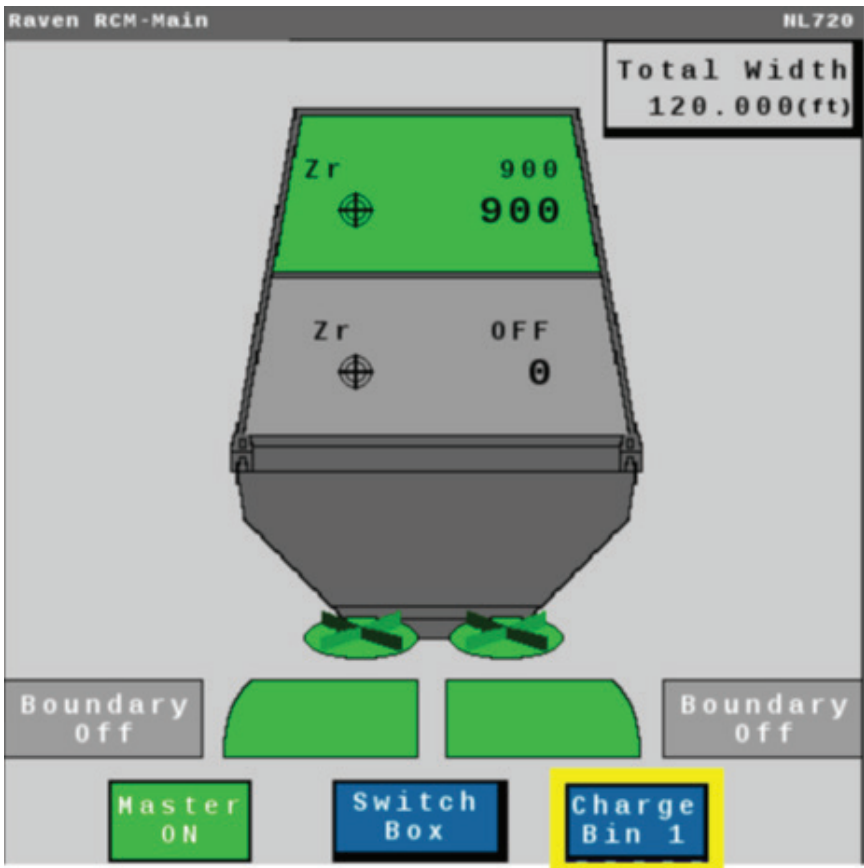
↑
Press

Bin Charge

4. Turn on Master Switch (joystick)

Press/Hold Bin Charge

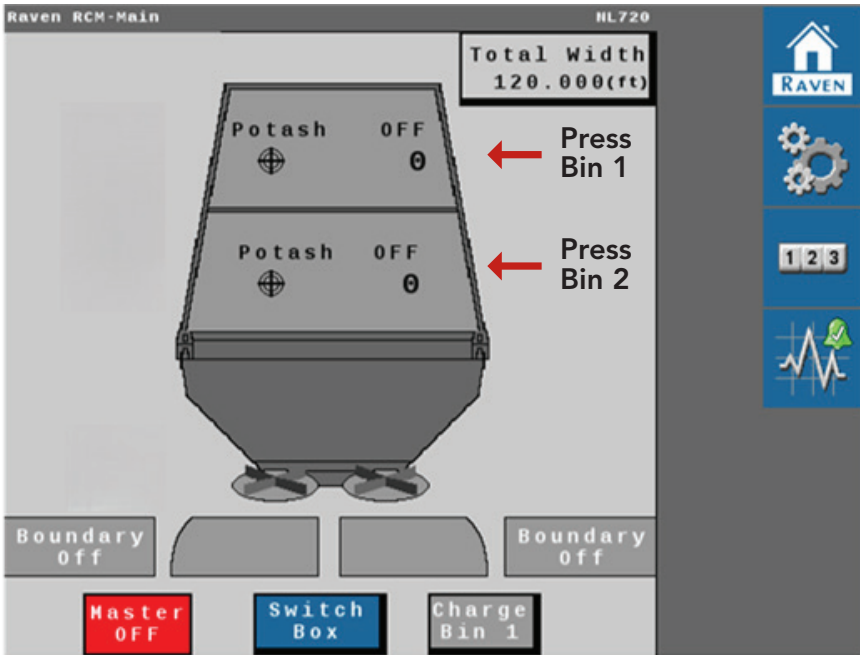
Note: Release bin charge button to stop the process



↑
Press/Hold
Bin Charge

Tank Bin Cleanout

1. Press Either Bin



Tank Bin Cleanout

2. Press Tank/Bin Cleanout

Press →

Setup Rates

Product 1 Granular

Target Rate (lb/ac)

Product Density (lb/cubic feet) ?

Product Type

Adjust Output - +

Tank/Bin Cleanout

Bin Chaining

3. Read and Accept Warning

WARNING

Running this test will cause implement movement. Product may be ejected from the implement.

To avoid injury ensure that no bystanders are in the vicinity and keep clear from moving machinery.

If necessary use the master switch to stop operation.

Tank Bin Cleanout

4. Select Relevant Bin(s)

You may clean out multiple bins at the same time.

Bin/Tank Cleanout

1. Remove back covers

2. Select bins/tanks to be cleaned out.

3. Turn Master Switch ON.

4. Press Start button.

5. Toggle tanks on or off using the checkboxes.


Note: Turn the Master Switch off to stop product application.


Product 1☒

Product 2☐

Start

Master OFF





5. Turn on Master Switch (joystick)

- Press Start

Bin/Tank Cleanout

1. Remove back covers

2. Select bins/tanks to be cleaned out.

3. Turn Master Switch ON.

4. Press Start button.

5. Toggle tanks on or off using the checkboxes.


Note: Turn the Master Switch off to stop product application.


Product 1☒

Product 2☐

Press → Start

Master OFF





Tank Bin Cleanout

6. System Running

Note: when running man appears, selected bin/s are running

Bin/Tank Cleanout

1. Remove back covers

2. Select bins/tanks to be cleaned out.

3. Turn Master Switch ON.

4. Press Start button.

5. Toggle tanks on or off using the checkboxes.

Note: Turn the Master Switch off to stop product application.

Product 1☒

Product 2☐

Master
ON

7. Turn Off Master Switch

- Press Accept

Bin/Tank Cleanout

1. Remove back covers

2. Select bins/tanks to be cleaned out.

3. Turn Master Switch ON.

4. Press Start button.

5. Toggle tanks on or off using the checkboxes.

Note: Turn the Master Switch off to stop product application.

Product 1☒

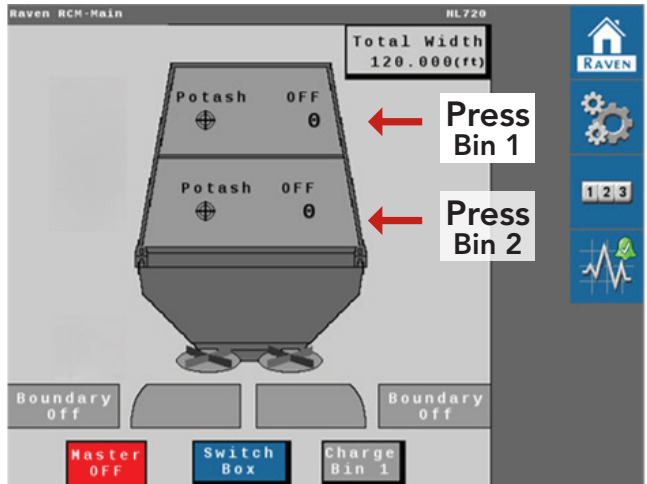
Product 2☐

Master
ON

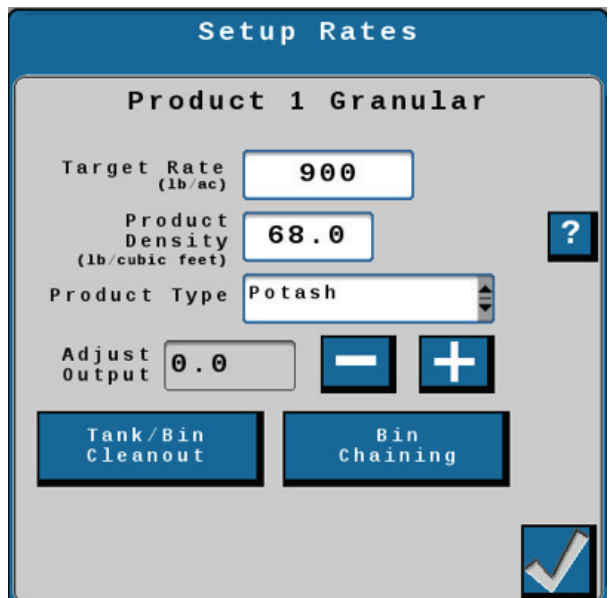
Press →

Bin Chaining

1. Press Bin 1 or 2



2. Press Bin Chaining



Bin Chaining

3. Select Bin Chaining Order/Mode
- 2 to 1
 - 1 to 2



The 'Setup Bin Chaining' dialog box has a blue title bar. It contains two settings: 'Bin Chaining Order' set to '2 to 1' and 'Bin Chaining Mode' set to 'Off'. A dropdown menu for 'Bin Chaining Mode' is open, showing 'Auto', 'Manual', and 'Off' (which is highlighted). A help icon (?) is in the top right, and an accept icon (checkmark) is in the bottom right.

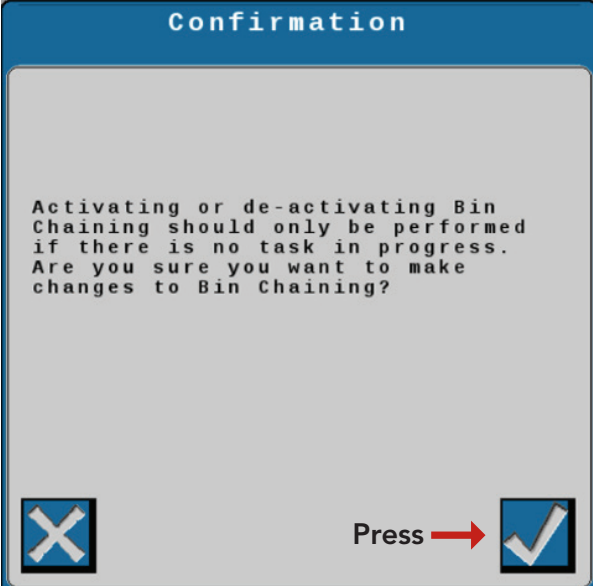
Setup Bin Chaining

Bin Chaining Order 2 to 1

Bin Chaining Mode Off

Auto
Manual
Off

4. Press Accept



The 'Confirmation' dialog box has a blue title bar. It contains a warning message about activating or de-activating bin chaining. At the bottom, there is a cancel icon (X) on the left and an accept icon (checkmark) on the right, with the text 'Press' and a red arrow pointing to the accept icon.

Confirmation

Activating or de-activating Bin Chaining should only be performed if there is no task in progress. Are you sure you want to make changes to Bin Chaining?

Press →

Bin Chaining

5. Press Accept

Setup Bin Chaining

Bin Chaining Order

2 to 1

?

Bin Chaining Mode

Manual

✓

6. Press Accept

Setup Rates

Product 1 Granular

Target Rate (lb/ac)

⛔

Product Density (lb/cubic feet)

68.0

?

Product Type

Potash

Adjust Output

0.0

-

+

Tank/Bin Cleanout

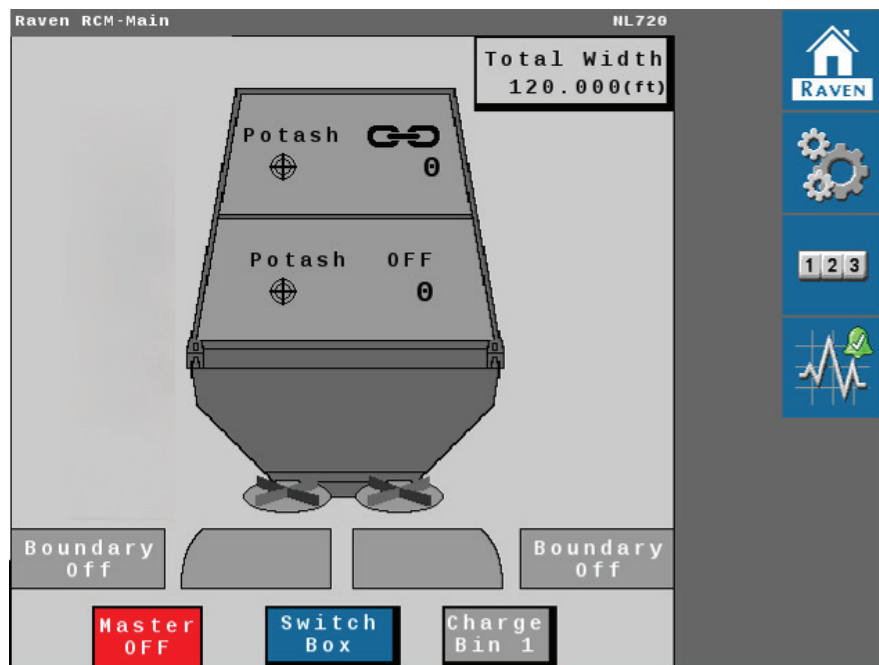
Bin Chaining

Press →

✓

Bin Chaining

7. Begin Field Application

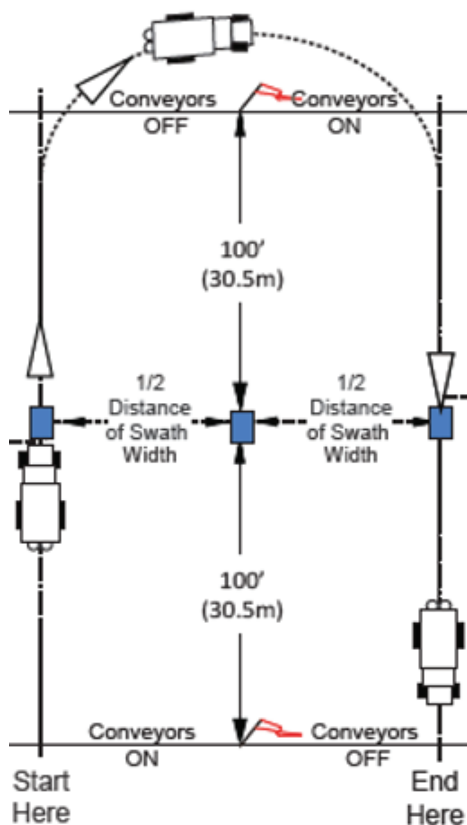


Spread Pattern Testing

New Rope Layout

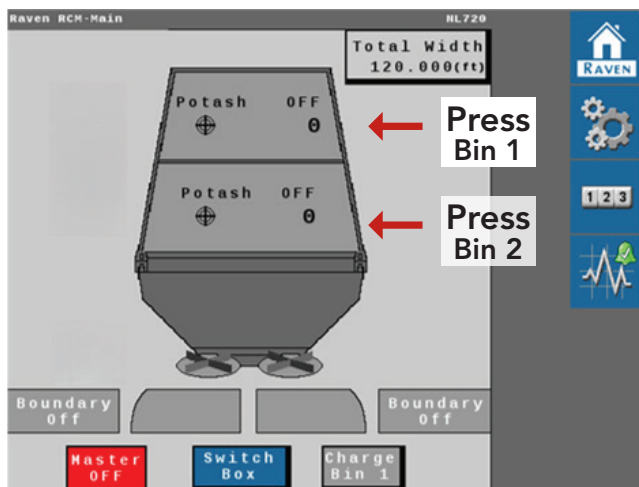


DESCRIPTION	QTY
Plastic Storage Box	1
Blue Plastic Collection Trays	3
White Divider Screens	3
Test Tube Rack Assembly	1
Test Tubes	3
Scale - Density	1
Plastic Stakes	2
Funnel	1
Rope	1
Flags	2

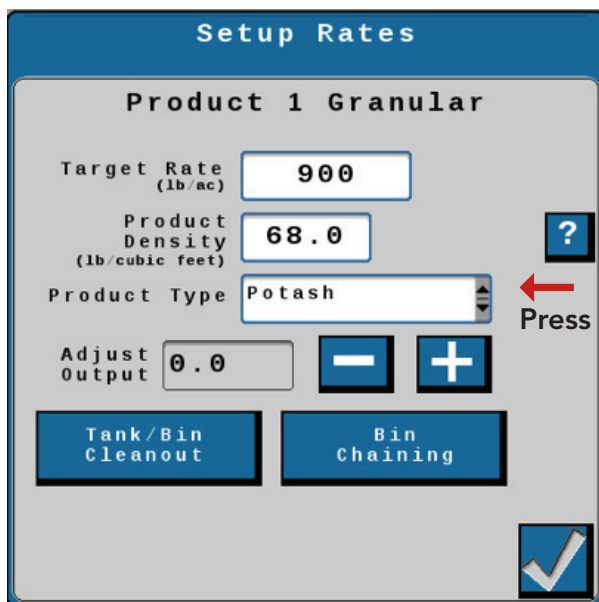


Spread Pattern Testing

1. Press Bin 1 or 2



2. Press Product Type



Spread Pattern Testing

3. Press New



None

Urea

Potash

MAP

Seed

Zr

Fall PK

New

6. Enter the Following Information/Press Next

- Product Name
- Baseline Product
- Product Density



Setup New Product Type

New Product Name

Fall blend

Baseline Product

Potash

Product Density (lb/cubic feet)

67.0

Manage Custom Names



X

Next

Spread Pattern Testing

5. Accept



**WARNING**

Running this test will cause implement movement. Product may be ejected from the implement.

To avoid injury ensure that no bystanders are in the vicinity and keep clear from moving machinery.


If necessary use the master switch to stop operation.


6. Activate Spinners and Conveyor


Setup New Product Type



Funnel Spread Pattern Test



Enable Spinners and turn Master Switch ON to begin test.

Press 



Joystick 

0 . 0 
(mph)

Note: Turn the master switch off to stop application.

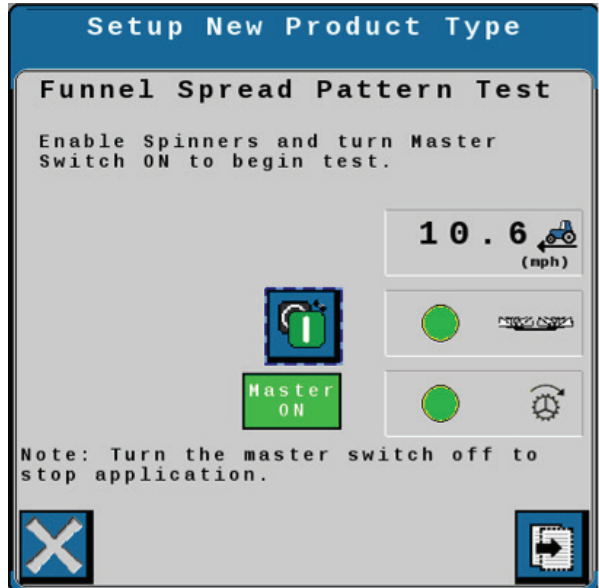


Spread Pattern Testing

7. Drive Through Pans 10-15mph

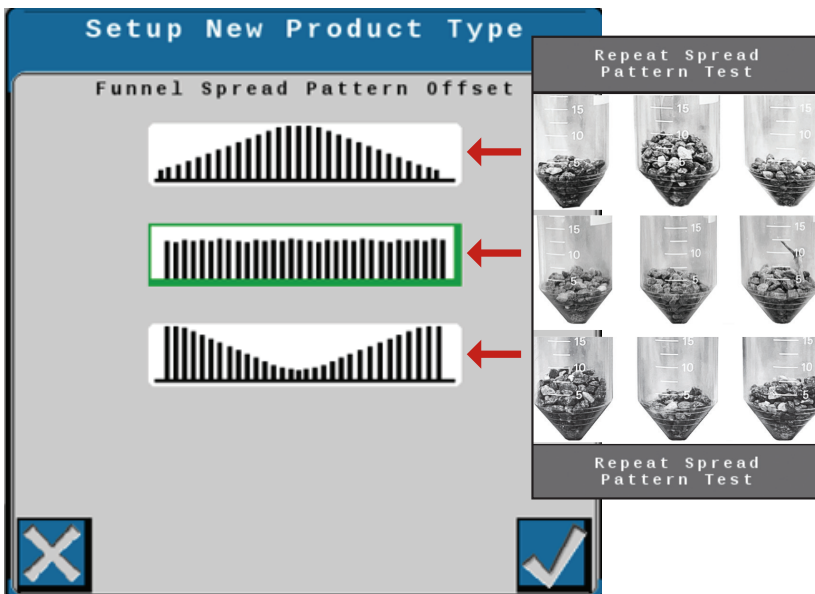
Note: Spinner and Conveyor

MUST be green before driving through the pans.



8. Pickup Pans and Choose Correct Picture

Note: Press accept when an acceptable pattern is achieved





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