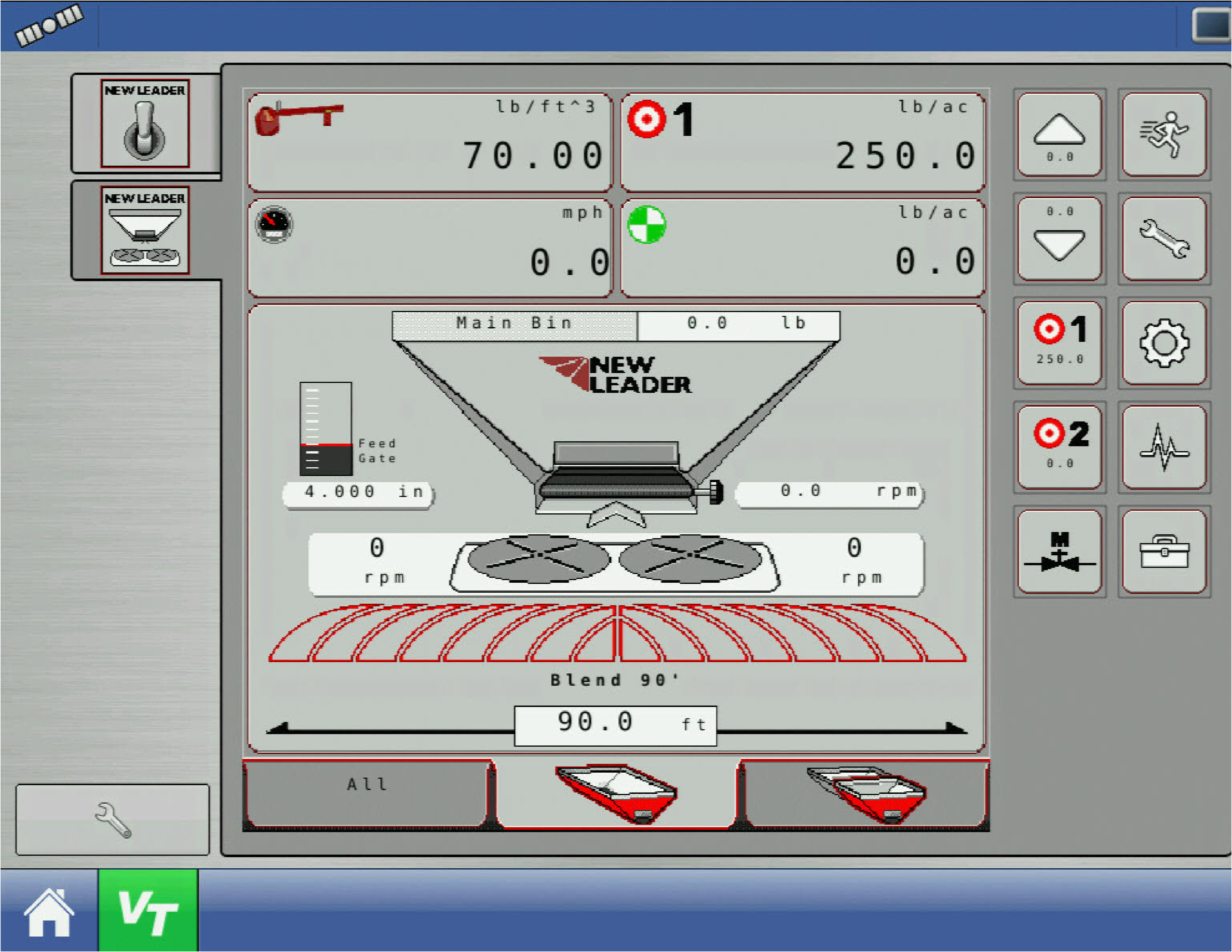
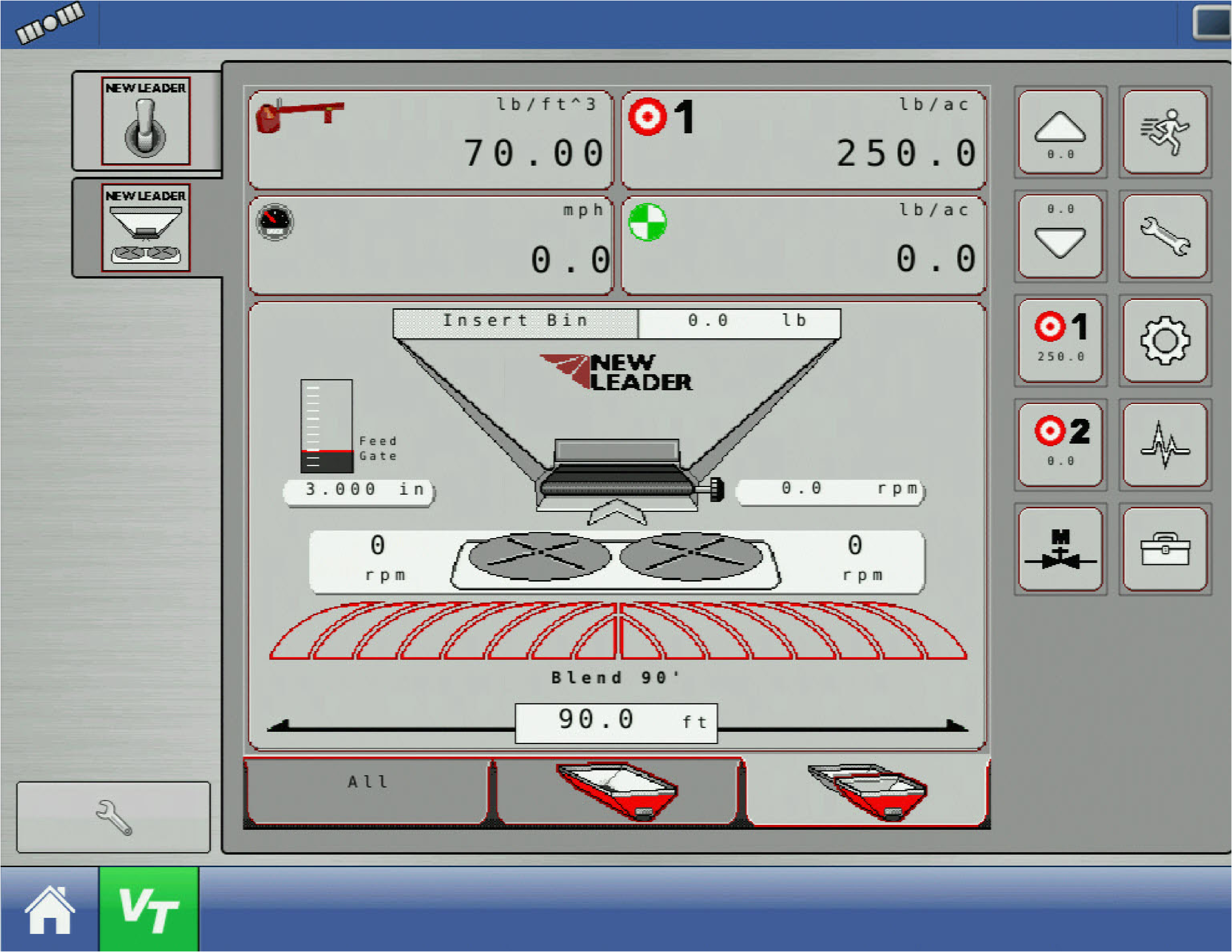
ISOBUS VT Simulator

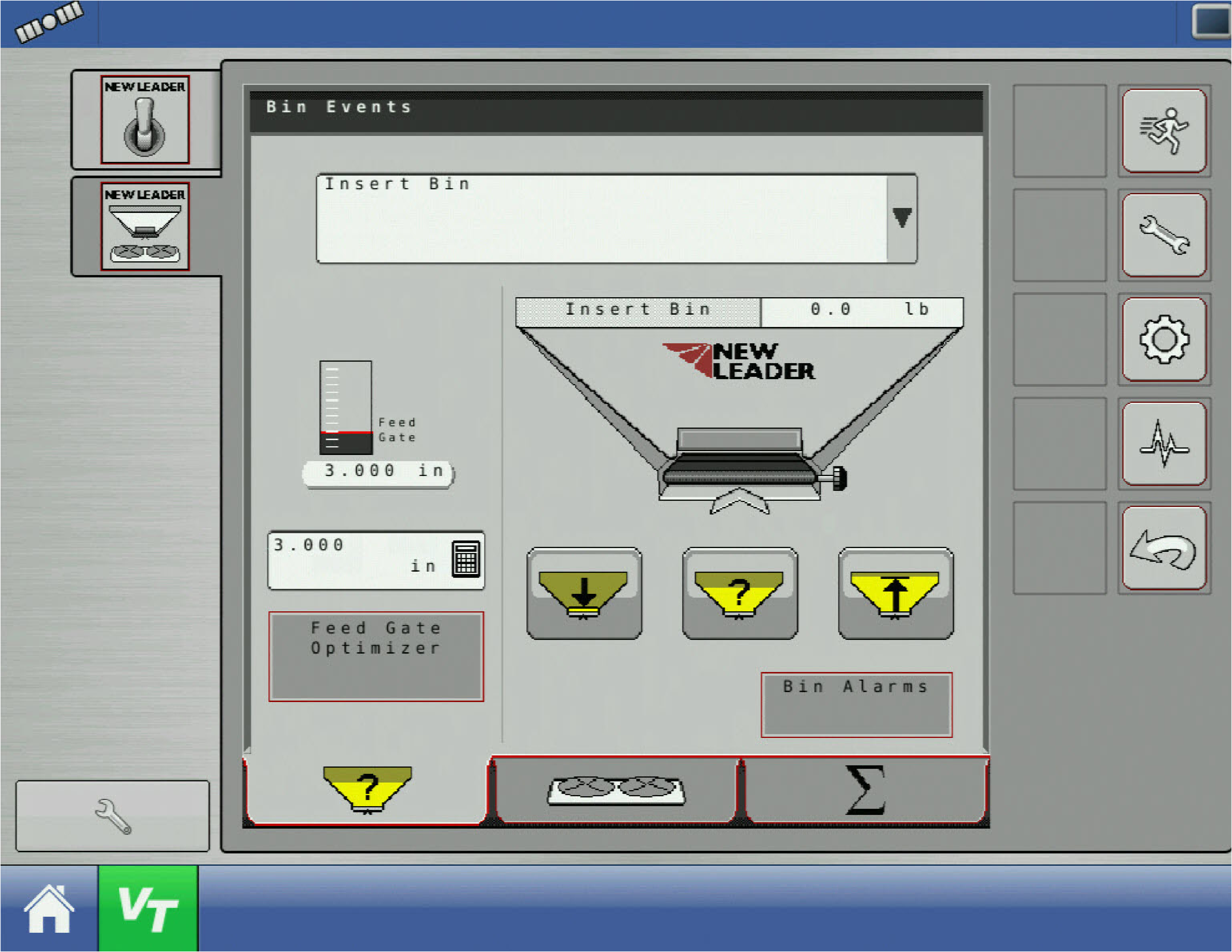
Welcome to the spreader VT simulator presented by New Leader Manufacturing!

PLEASE NOTE: This simulator is for demonstration and training purposes only. Certain scenarios will prompt the user to press commands in a specific order for the sake of demonstration. Select options and commands are not selectable on certain screens for the sake of keeping global settings consistent.

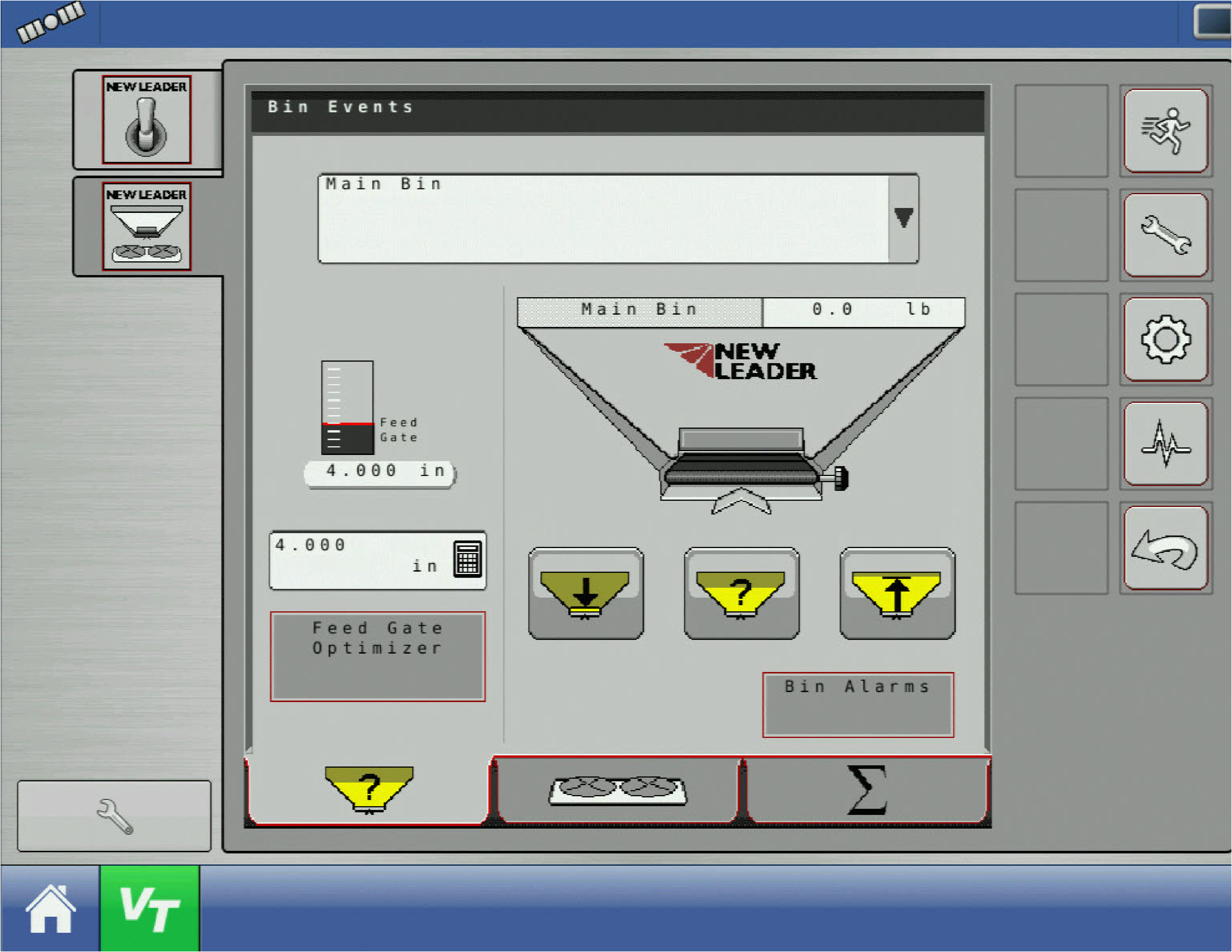
BEGIN

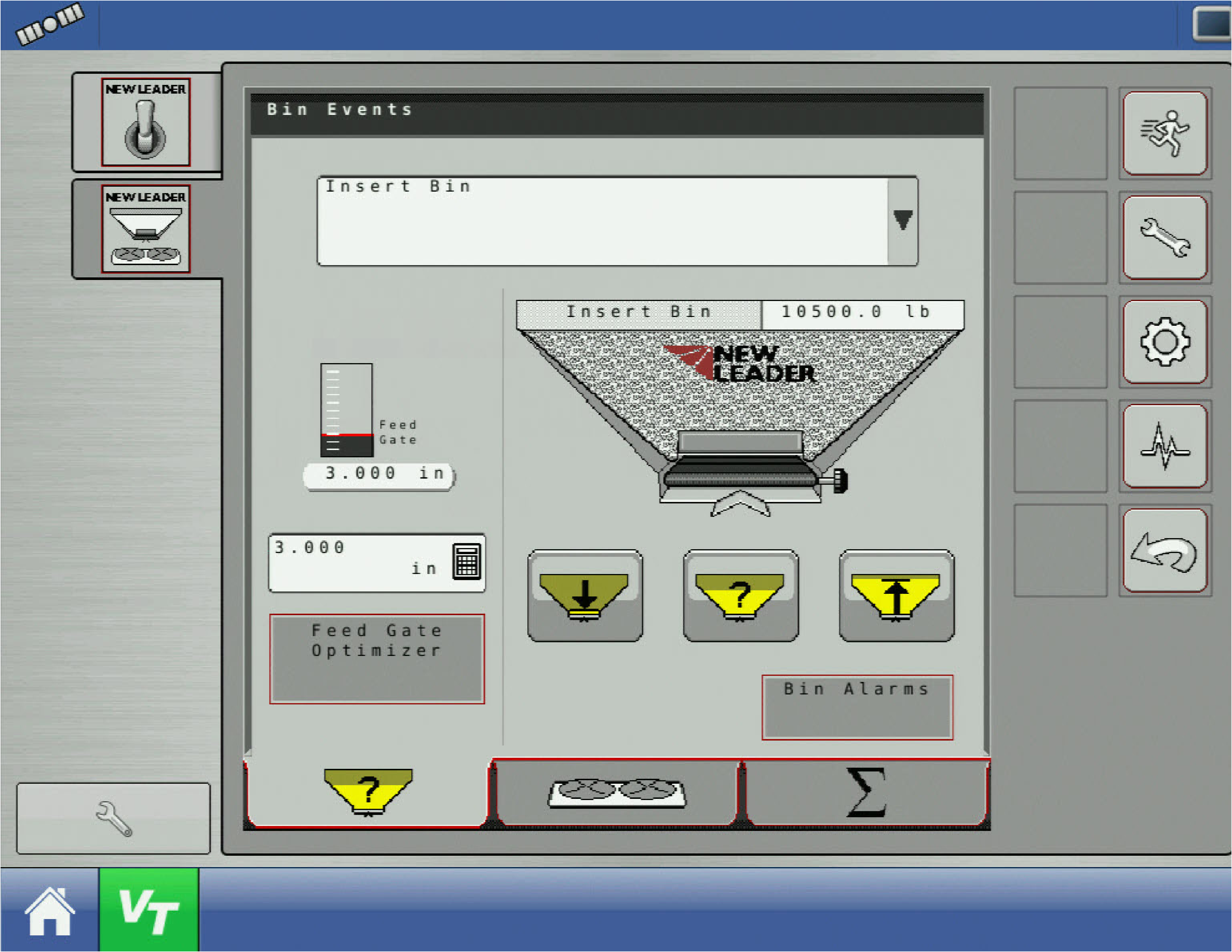

NEW LEADER
NEW LEADER
lb/ft^3
70.00
1
lb/ac
250.0
mph
0.0
lb/ac
0.0
0.0
0.0
1
250.0
2
0.0
Main Bin
0.0 lb
NEW LEADER
Feed Gate
4.000 in
0.0 rpm
0 rpm
0 rpm
Blend 90'
90.0 ft
All
VT


NEW LEADER
NEW LEADER
lb/ft^3
70.00
1
lb/ac
250.0
mph
0.0
lb/ac
0.0
0.0
0.0
1
250.0
2
0.0
Insert Bin
0.0 lb
NEW LEADER
Feed Gate
3.000 in
0.0 rpm
0
rpm
0
rpm
Blend 90'
90.0 ft
All
VT

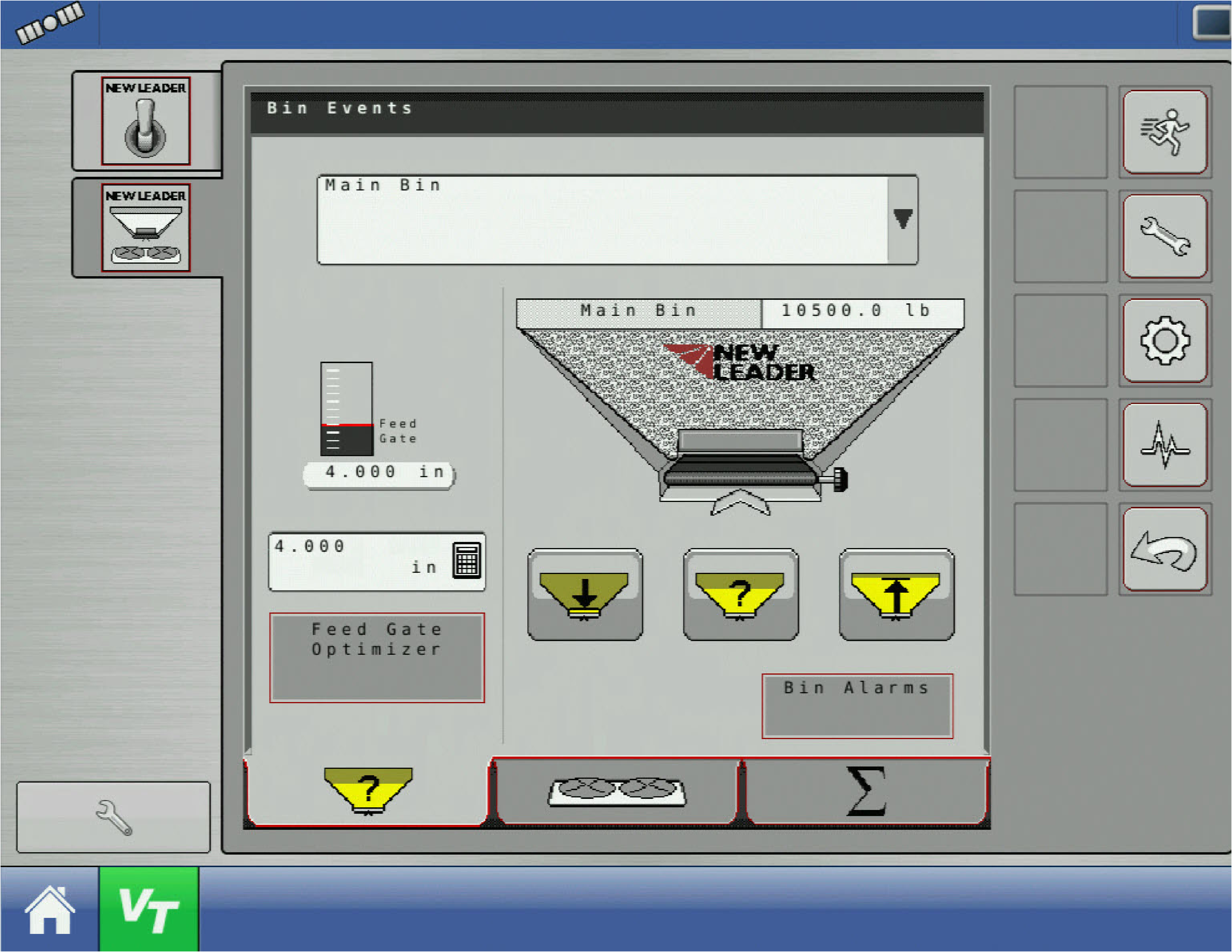


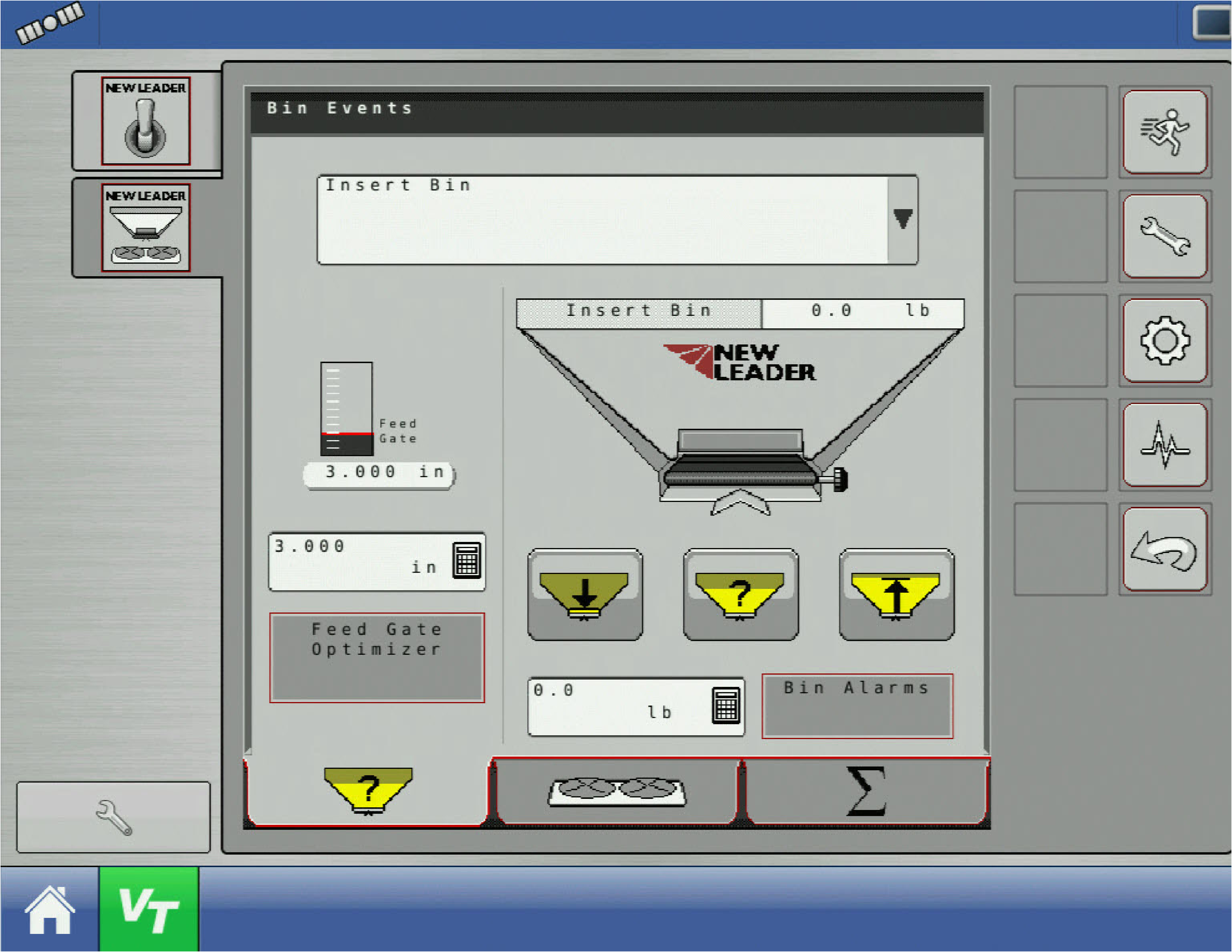
NEW LEADER
NEW LEADER
Bin Events
Insert Bin
Insert Bin
0.0 lb
NEW LEADER
Feed Gate
3.000 in
3.000
in
Feed Gate Optimizer
Bin Alarms

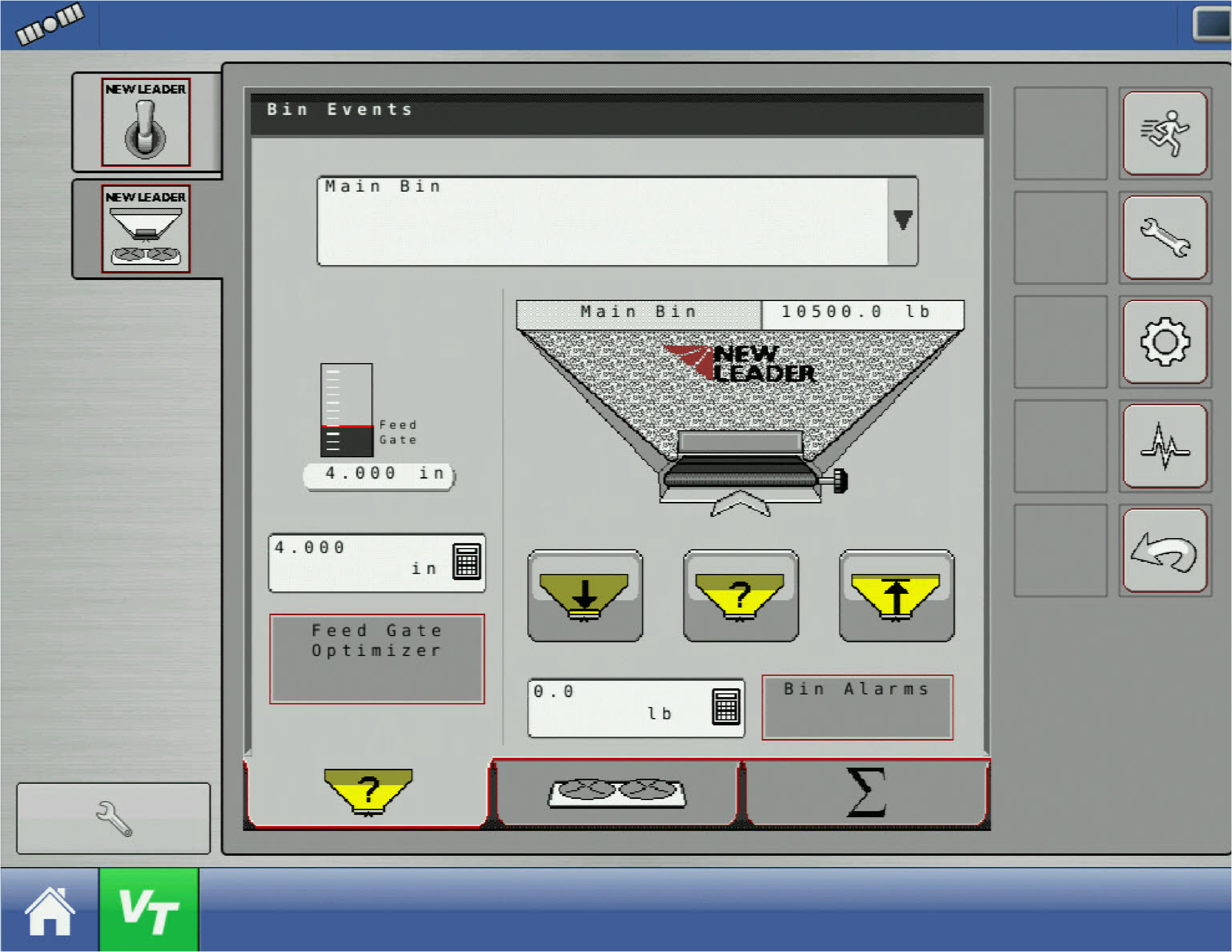

NEW LEADER
NEW LEADER
Bin Events
Main Bin
Main Bin
0.0 lb
NEW LEADER
Feed Gate
4.000 in
4.000
in
Feed Gate Optimizer
Bin Alarms
Σ



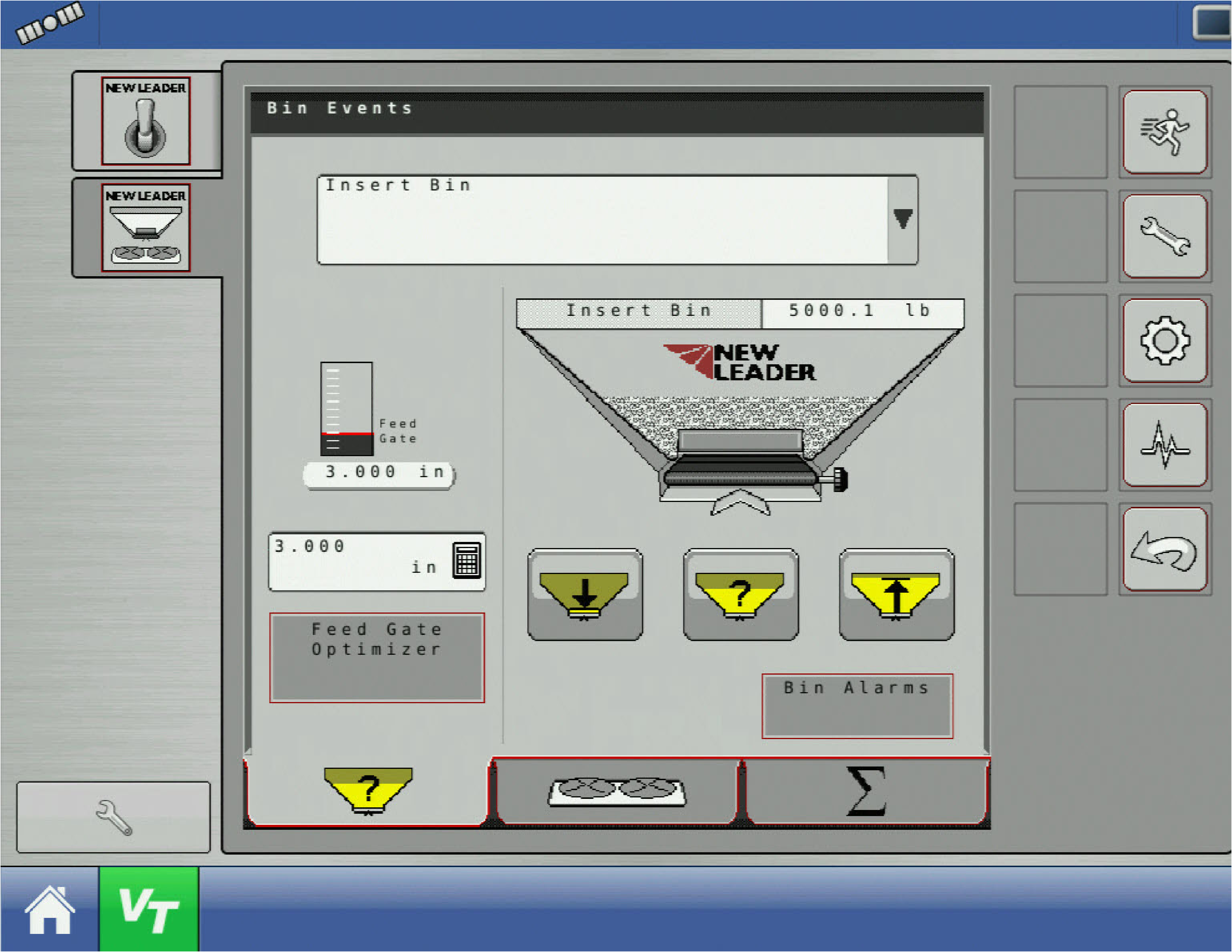
Bin Events
Insert Bin
Insert Bin
10500.0 lb
Feed Gate
3.000 in
3.000
in
Feed Gate Optimizer
Bin Alarms

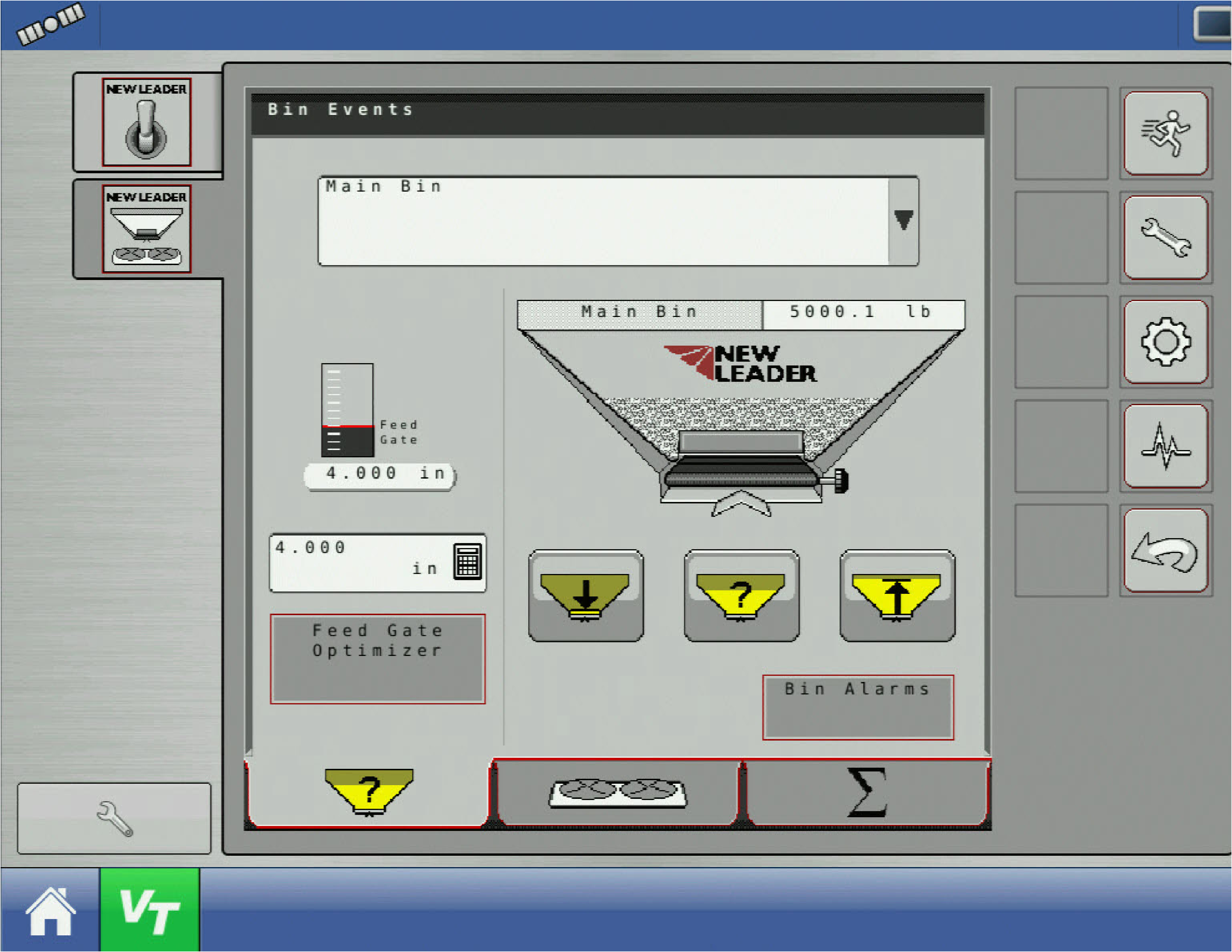

NEW LEADER
NEW LEADER
Bin Events
Main Bin
Main Bin
10500.0 lb
NEW LEADER
Feed
Gate
4.000 in
4.000
in
Feed Gate
Optimizer
Bin Alarms
VT


NEW LEADER
NEW LEADER
Bin Events
Insert Bin
Insert Bin
0.0 lb
NEW LEADER
Feed
Gate
3.000 in
3.000
in
Feed Gate
Optimizer
0.0
lb
Bin Alarms
VT



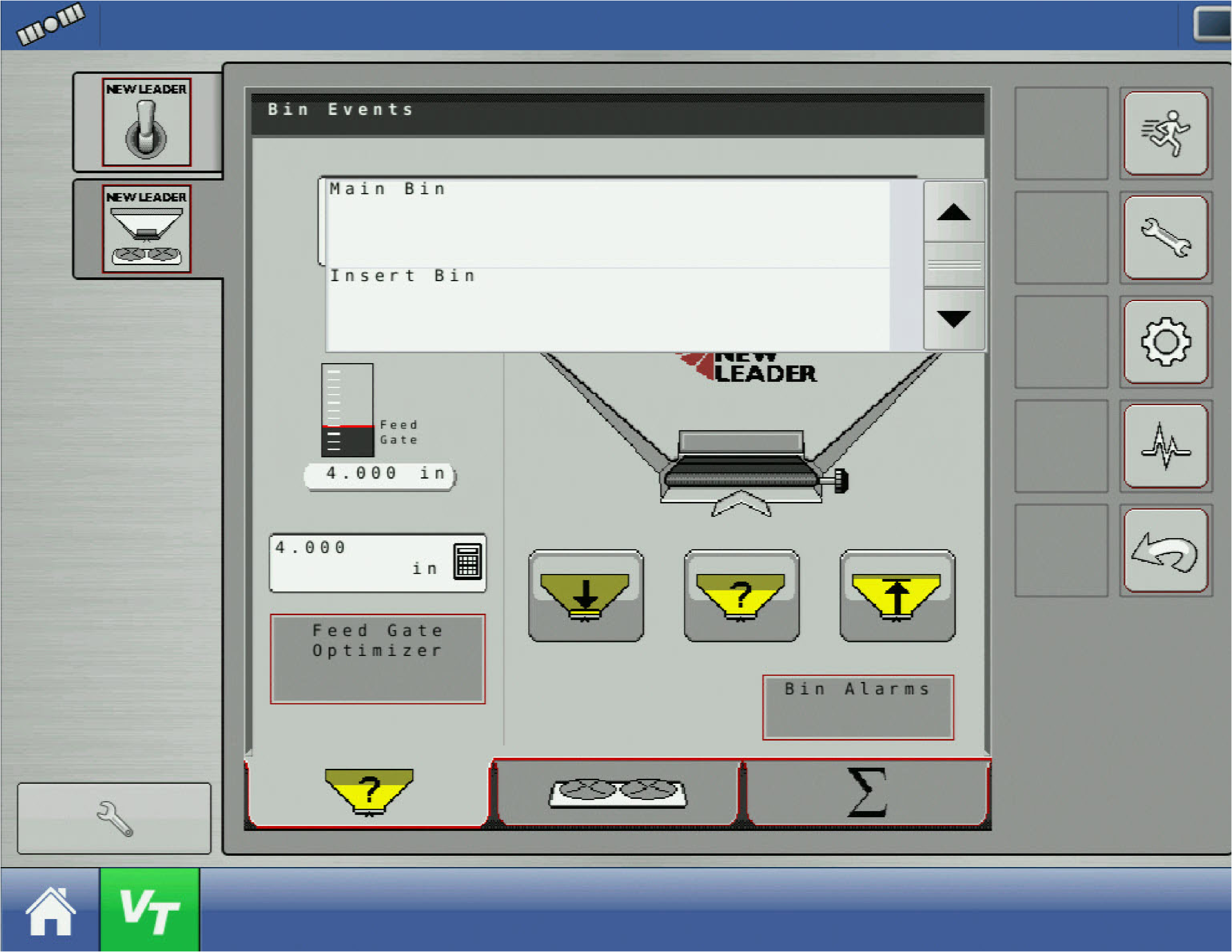
NEW LEADER
NEW LEADER
Bin Events
Main Bin
Main Bin
10500.0 lb
NEW LEADER
Feed Gate
4.000 in
4.000
in
Feed Gate Optimizer
0.0
lb
Bin Alarms


NEW LEADER
NEW LEADER
Bin Events
Insert Bin
Insert Bin
5000.1 lb
NEW LEADER
Feed Gate
3.000 in
3.000
in
Feed Gate Optimizer
Bin Alarms
VT


NEW LEADER
NEW LEADER
Bin Events
Main Bin
Main Bin
5000.1 lb
NEW LEADER
Feed Gate
4.000 in
4.000
in
Feed Gate Optimizer
Bin Alarms
Σ
VT

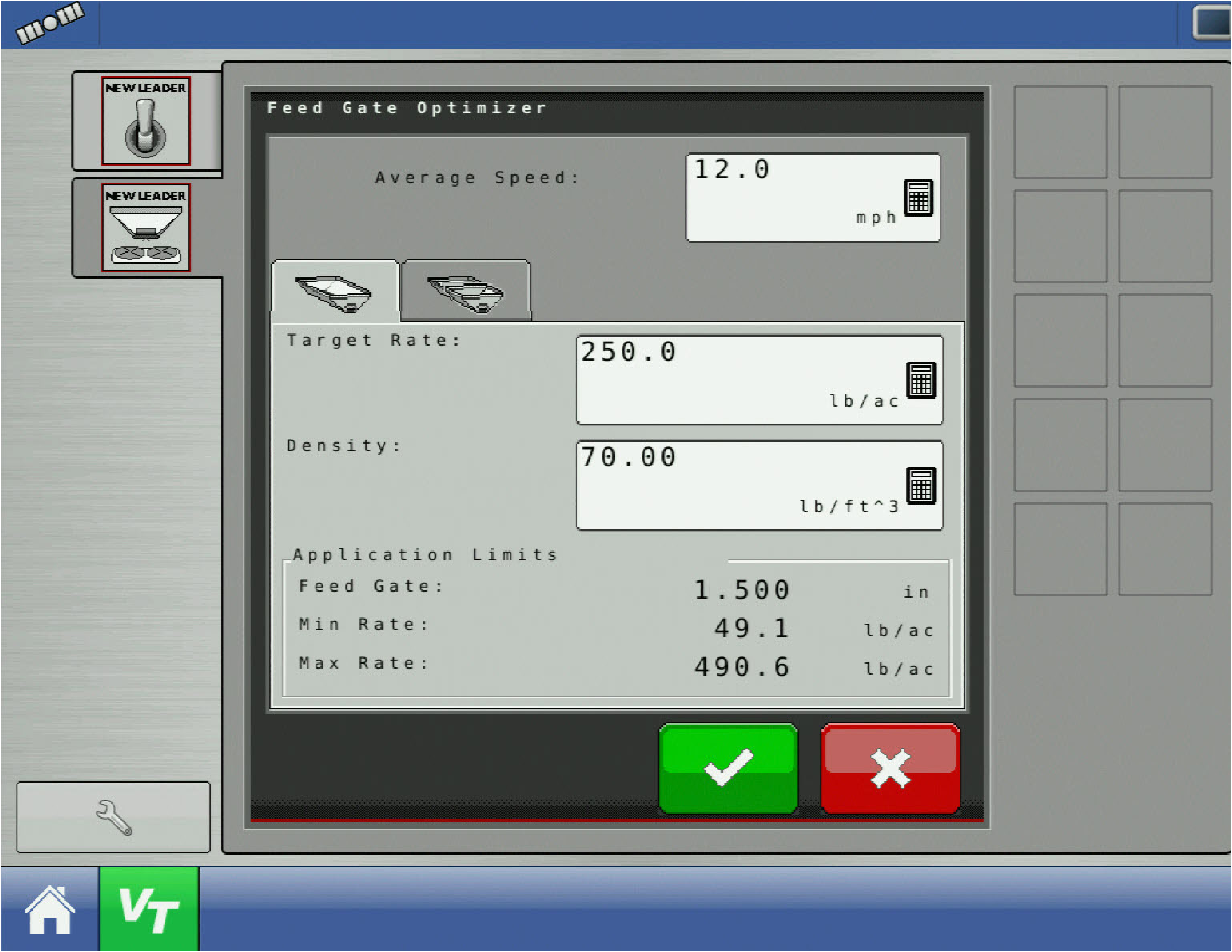

5000
7
8
9
4
5
6
1
2
3
0
.
+/-
VT

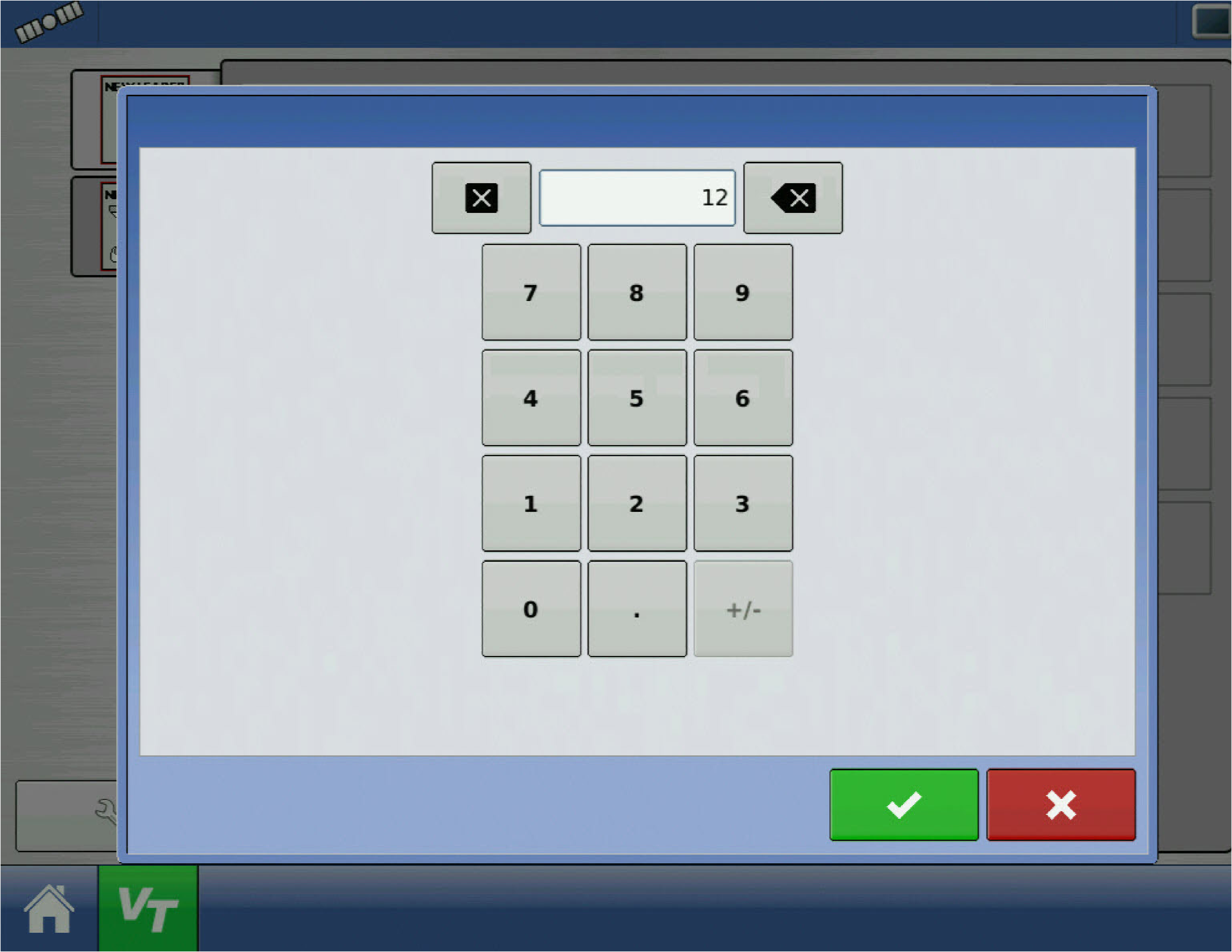
5000
7
8
9
4
5
6
1
2
3
0
.
+/-
VT

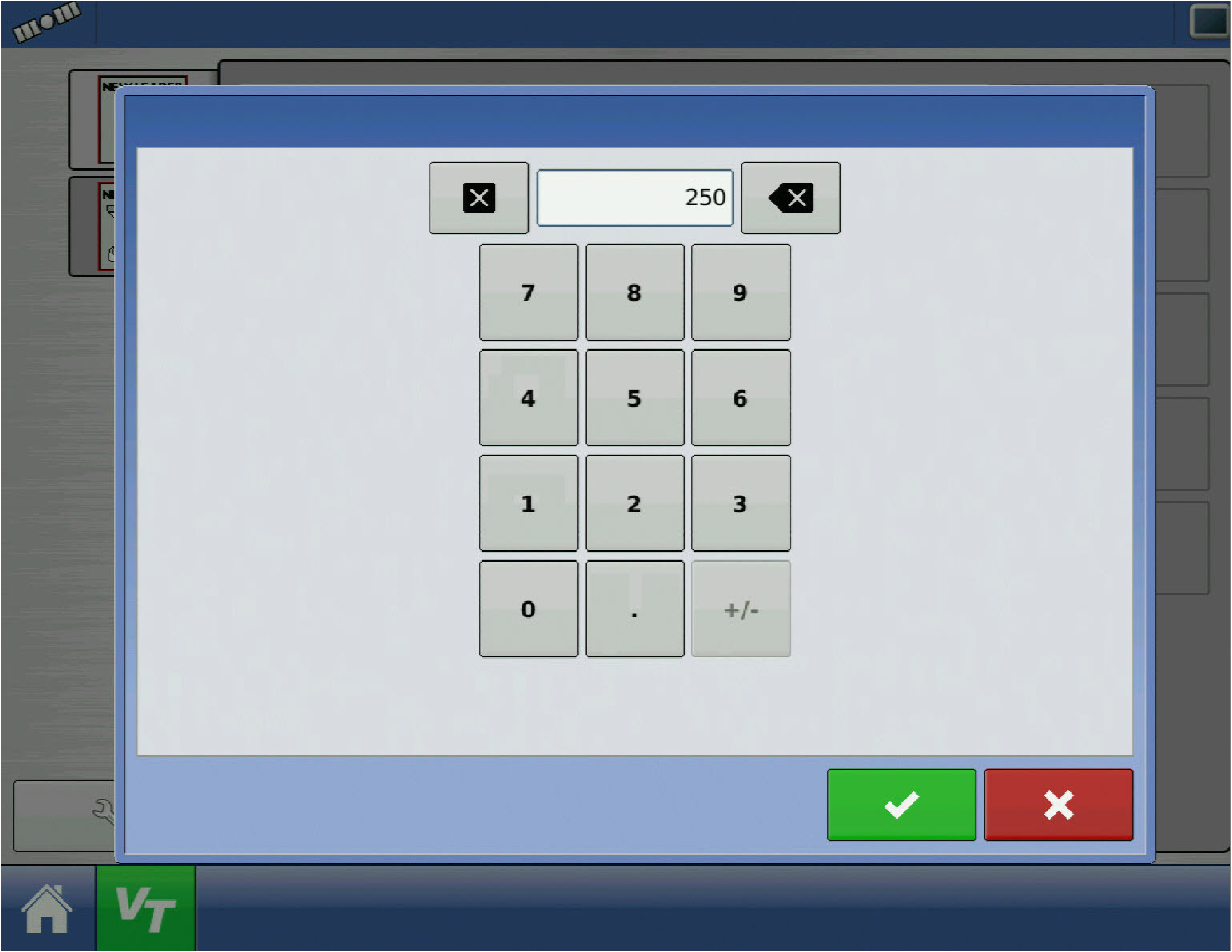

NEW LEADER
NEW LEADER
Bin Events
Main Bin
Insert Bin
LEADER
Feed
Gate
4.000 in
4.000
in
Feed Gate
Optimizer
Bin Alarms

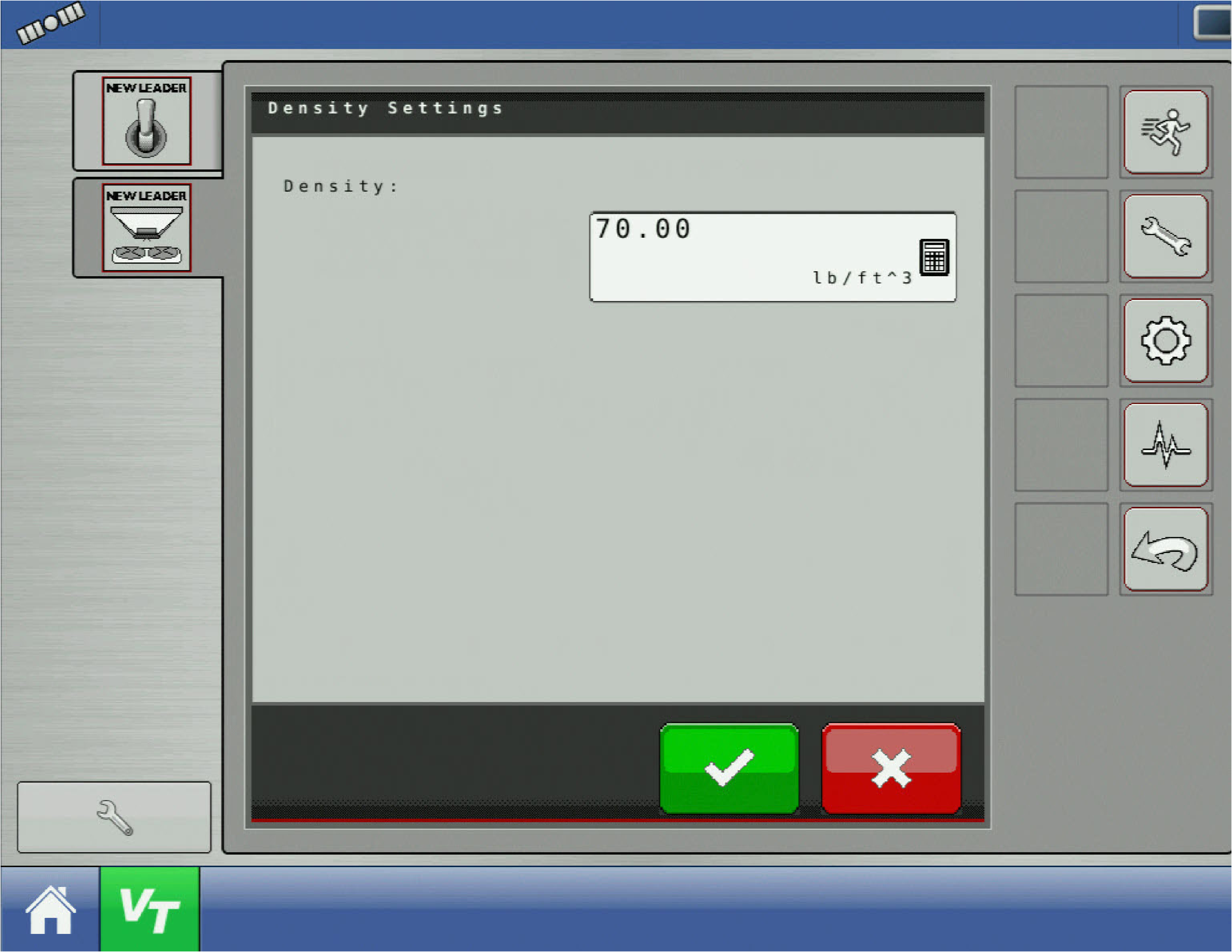
NEW LEADER
NEW LEADER
Feed Gate Optimizer
Average Speed:
0.0
mph
Target Rate:
0.0
lb/ac
Density:
70.00
lb/ft^3
Application Limits
Feed Gate:
0.000
in
Min Rate:
0.0
lb/ac
Max Rate:
0.0
lb/ac
VT

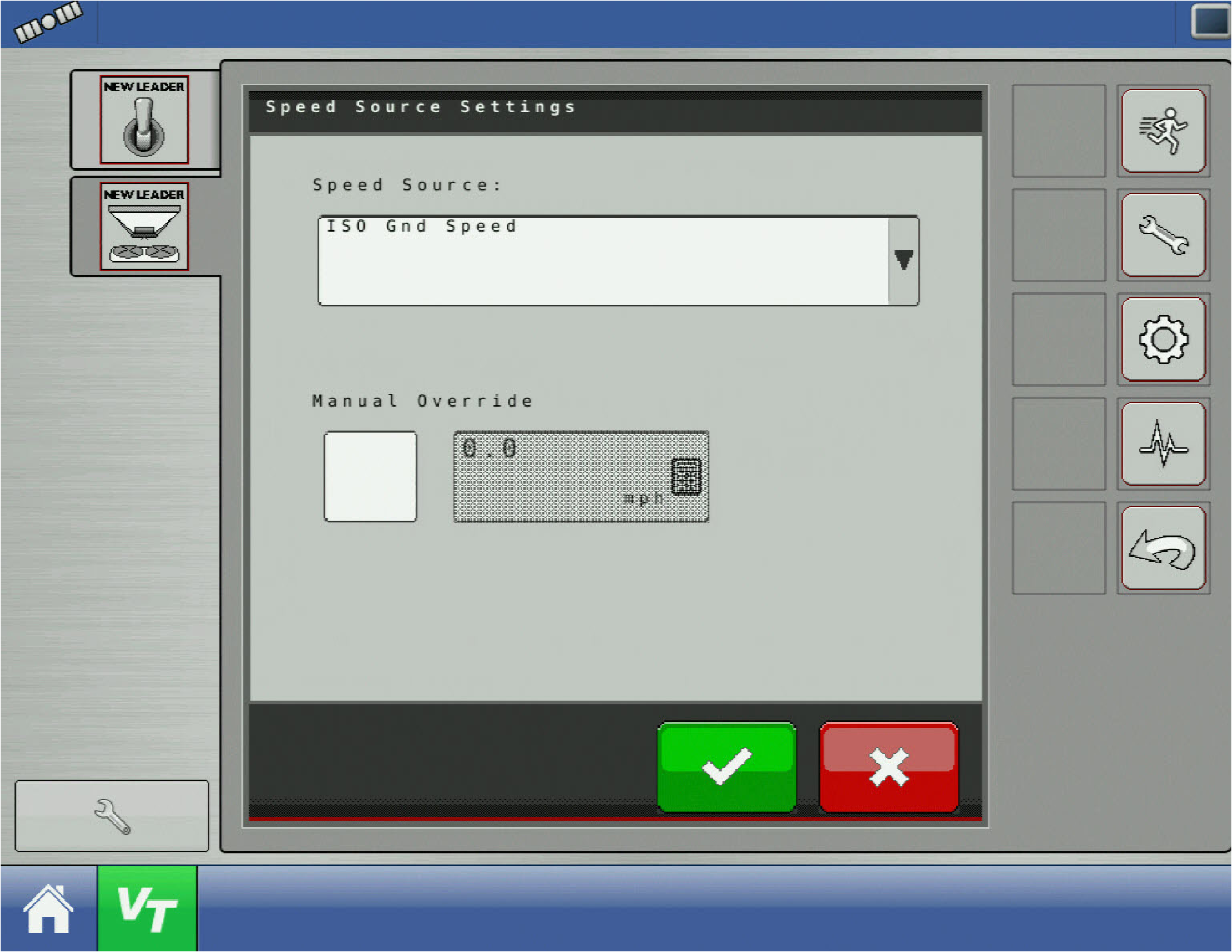

NEW LEADER
NEW LEADER
Feed Gate Optimizer
Average Speed:
12.0
mph
Target Rate:
0.0
lb/ac
Density:
70.00
lb/ft^3
Application Limits
Feed Gate:
0.000
in
Min Rate:
0.0
lb/ac
Max Rate:
0.0
lb/ac
VT


NEW LEADER
NEW LEADER
Feed Gate Optimizer
Average Speed:
12.0
mph
Target Rate:
250.0
lb/ac
Density:
70.00
lb/ft^3
Application Limits
Feed Gate:
1.500
in
Min Rate:
49.1
lb/ac
Max Rate:
490.6
lb/ac
VT

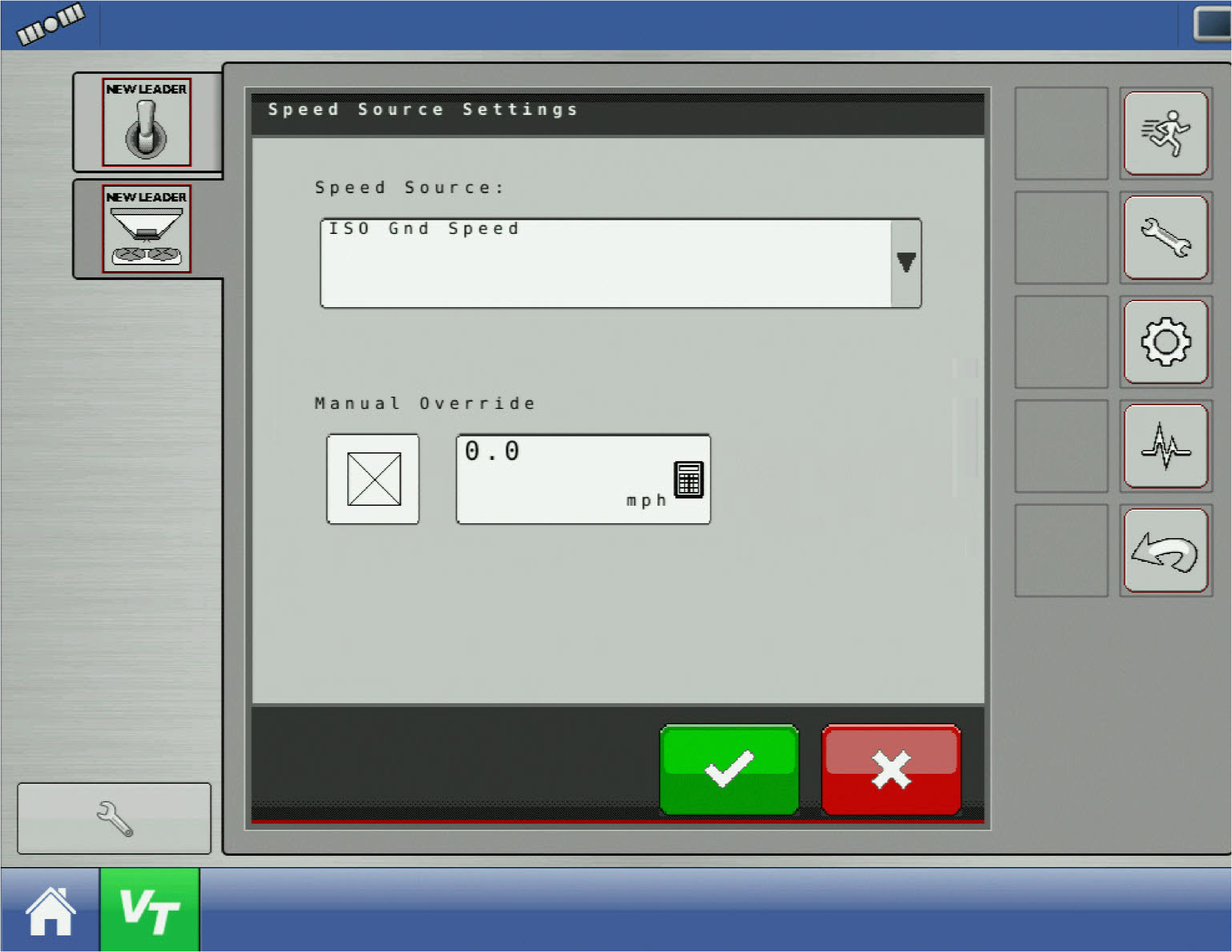

12
7
8
9
4
5
6
1
2
3
0
.
+/-
VT

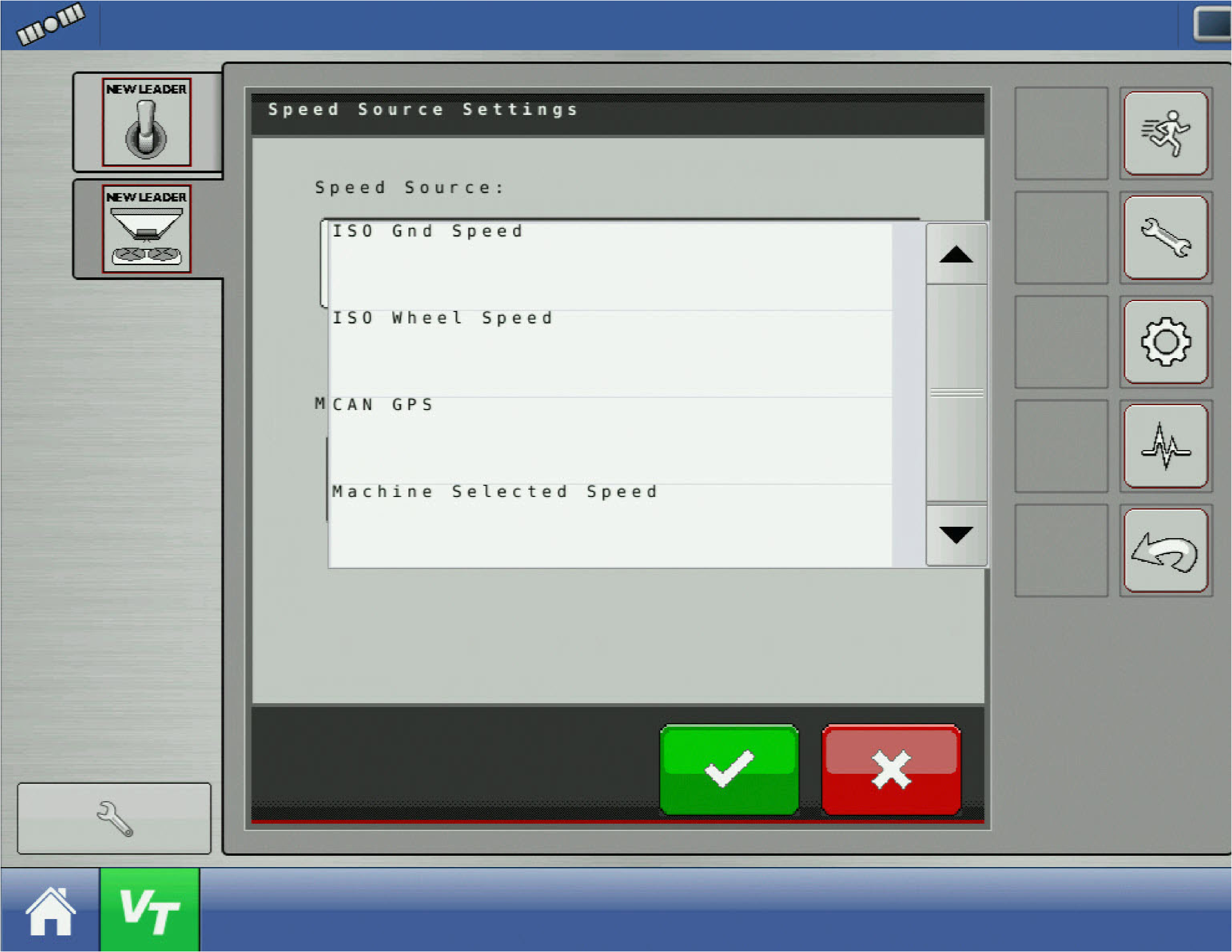

250
7
8
9
4
5
6
1
2
3
0
.
+/-

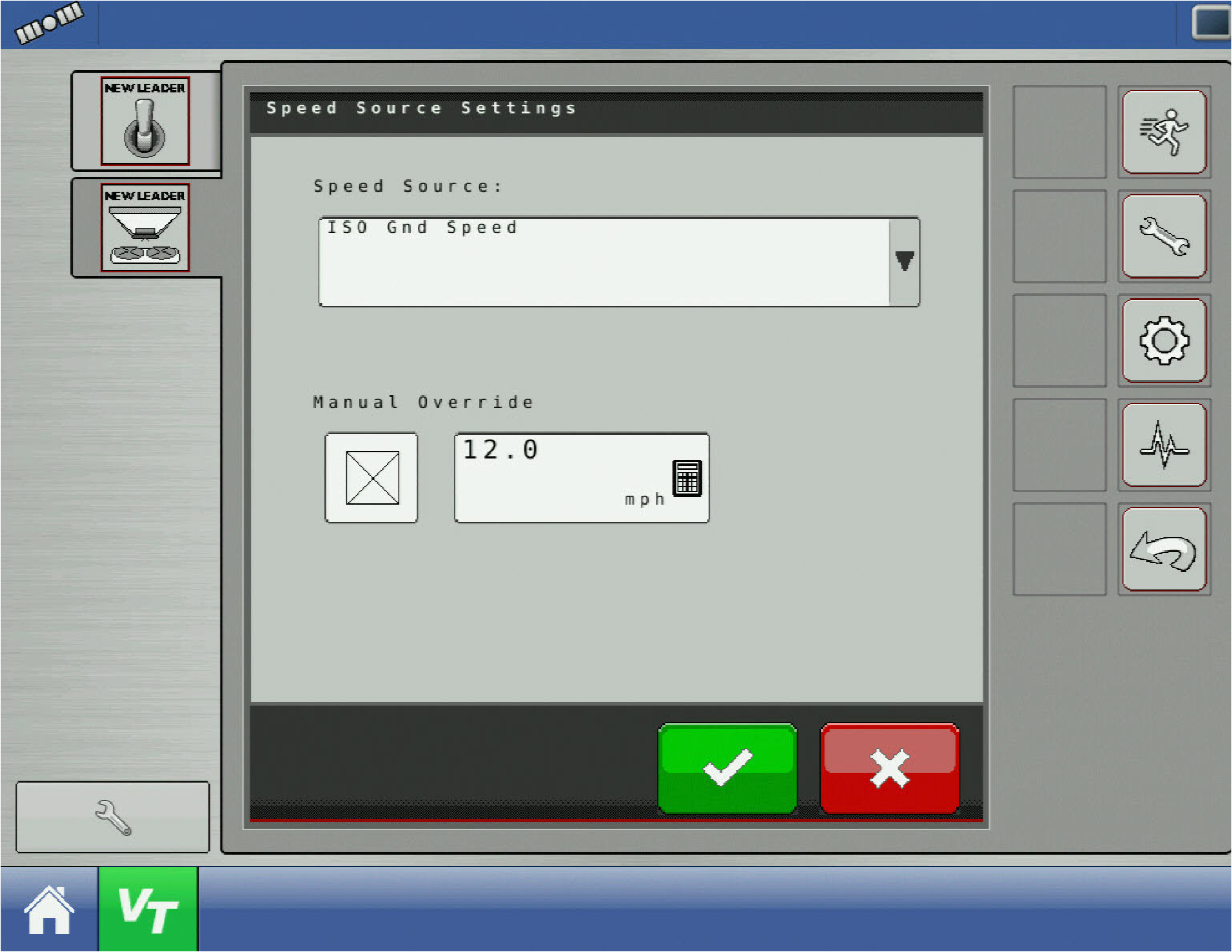

NEW LEADER
NEW LEADER
Density Settings
Density:
70.00
lb/ft^3
VT

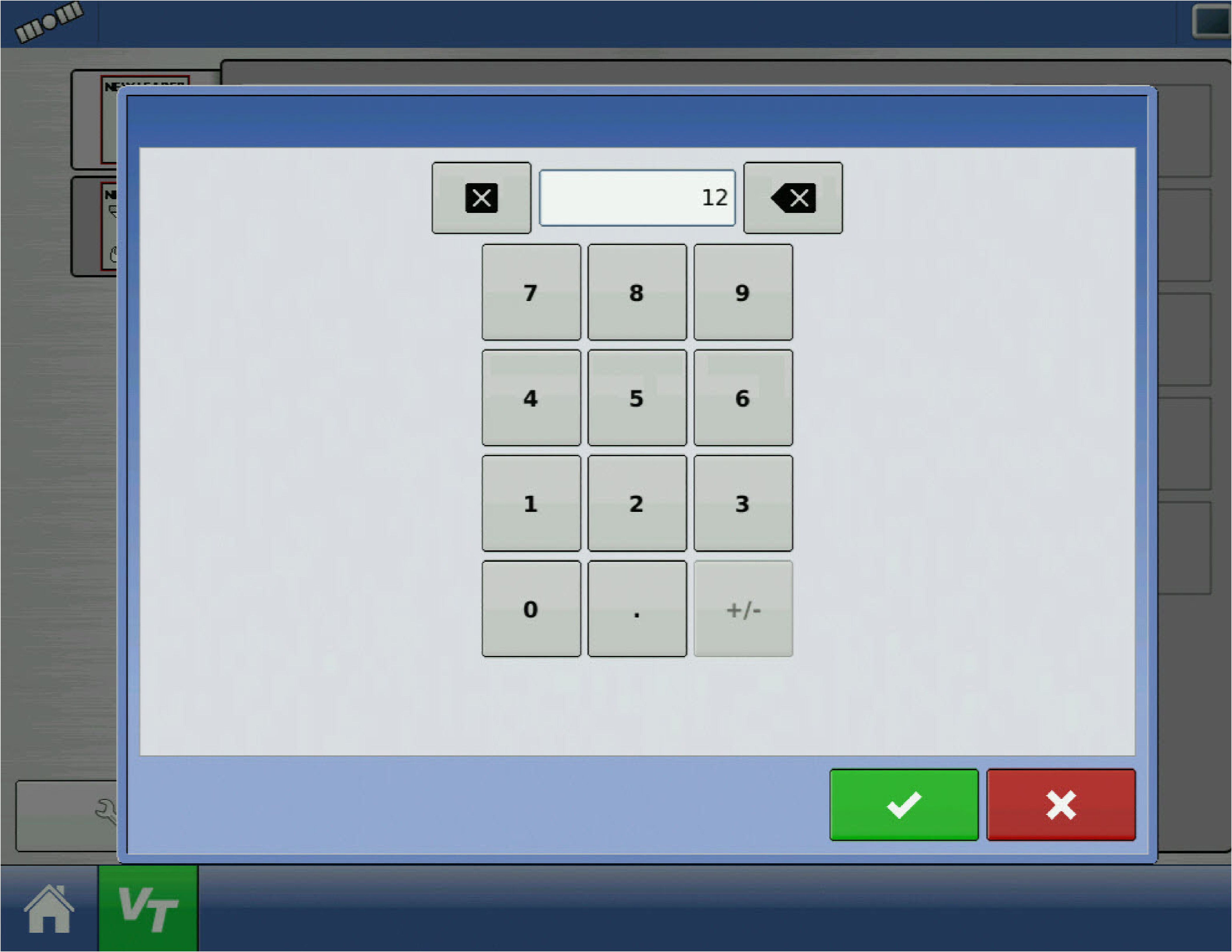


NEW LEADER
NEW LEADER
Speed Source Settings
Speed Source:
ISO Gnd Speed
Manual Override
0.0
mph
VT

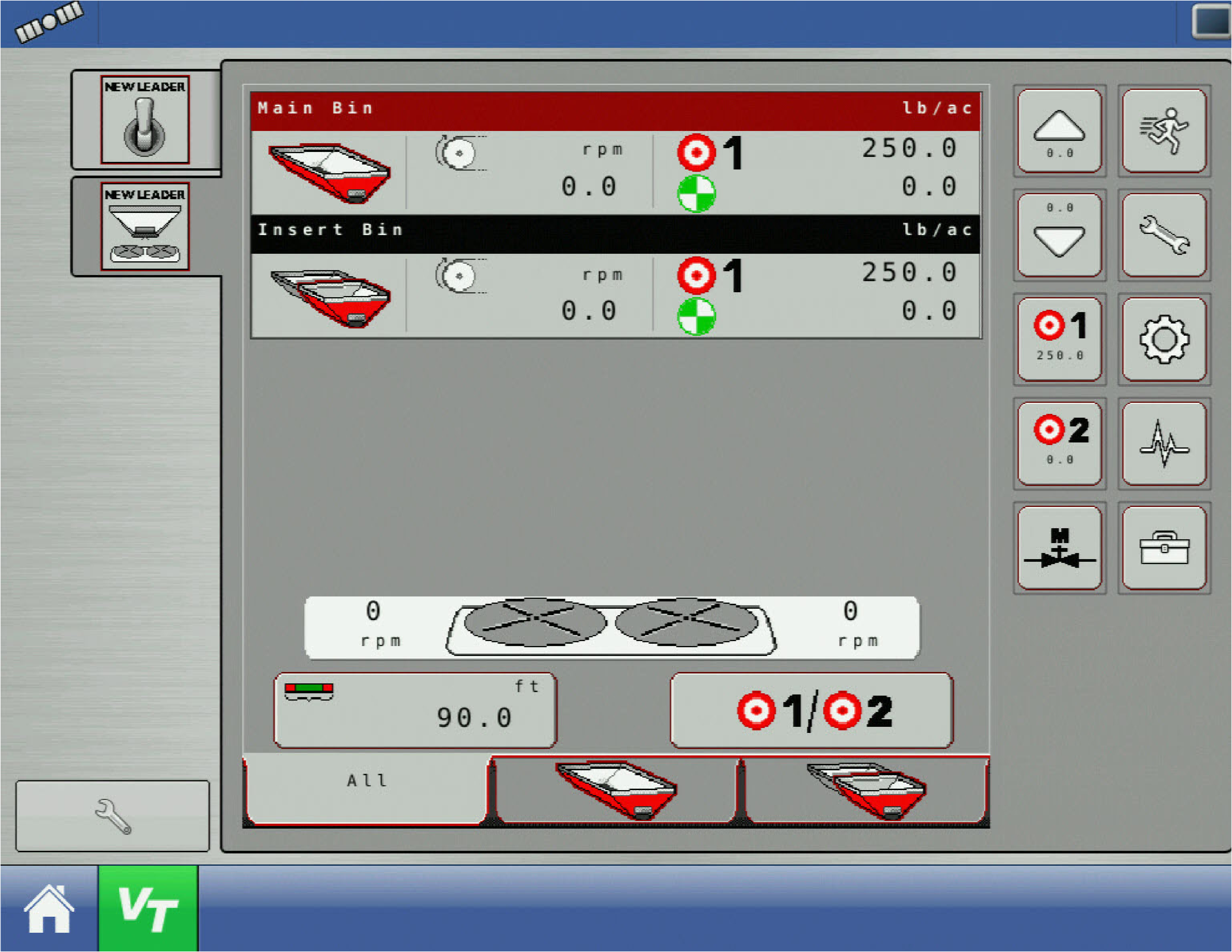

NEW LEADER
NEW LEADER
Speed Source Settings
Speed Source:
ISO Gnd Speed
Manual Override
0.0
mph
VT

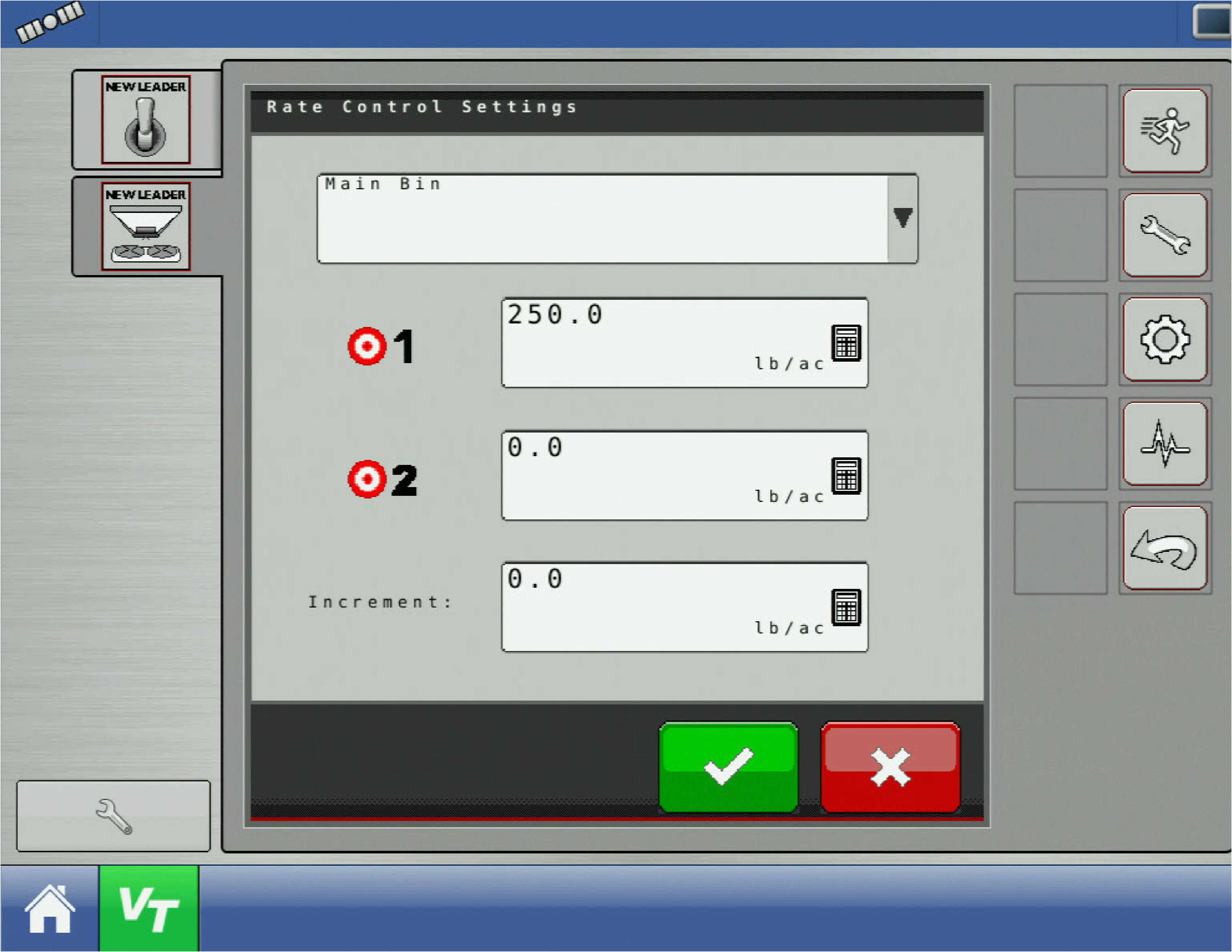

NEW LEADER
NEW LEADER
Speed Source Settings
Speed Source:
ISO Gnd Speed
ISO Wheel Speed
M
CAN GPS
Machine Selected Speed
VT

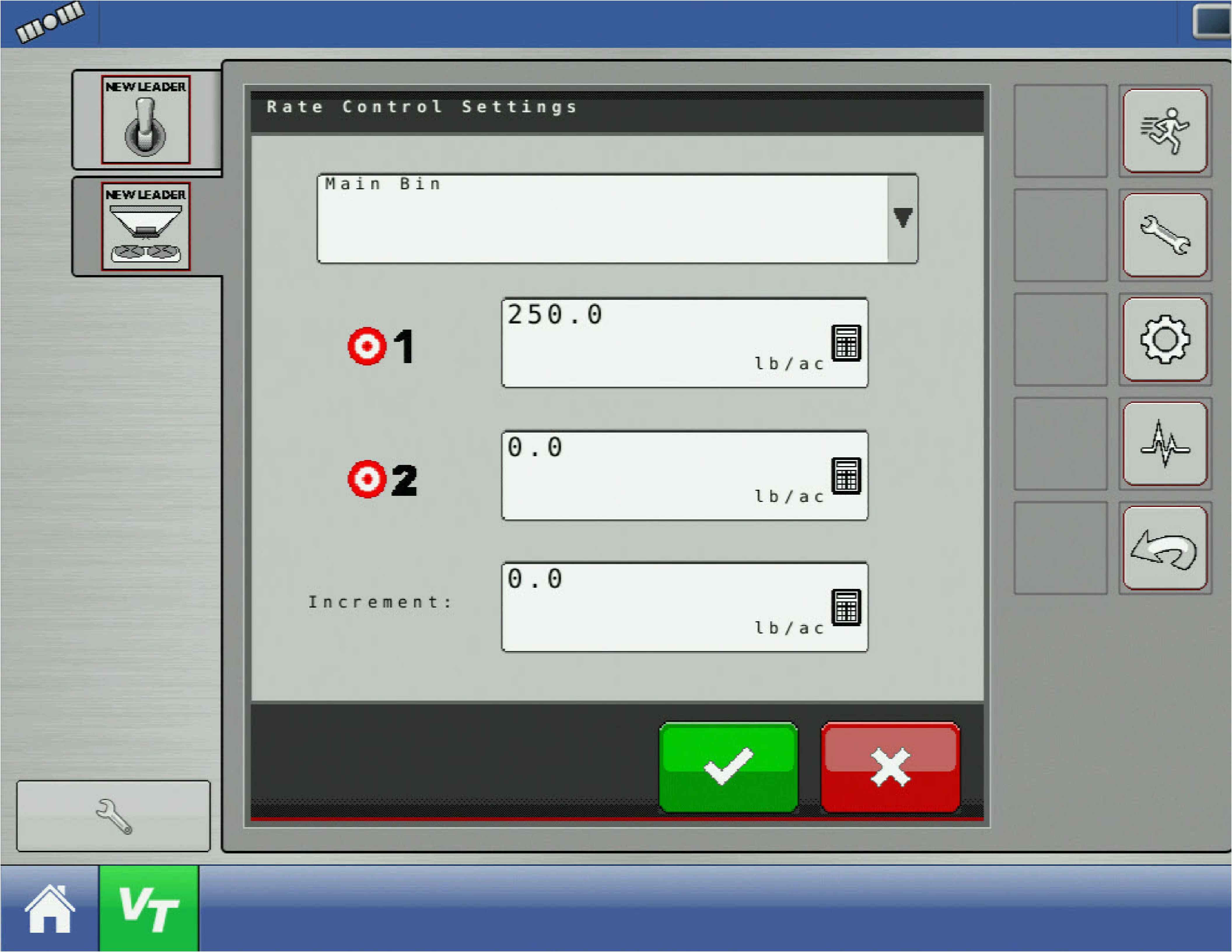

NEW LEADER
NEW LEADER
Speed Source Settings
Speed Source:
ISO Gnd Speed
Manual Override
12.0
mph

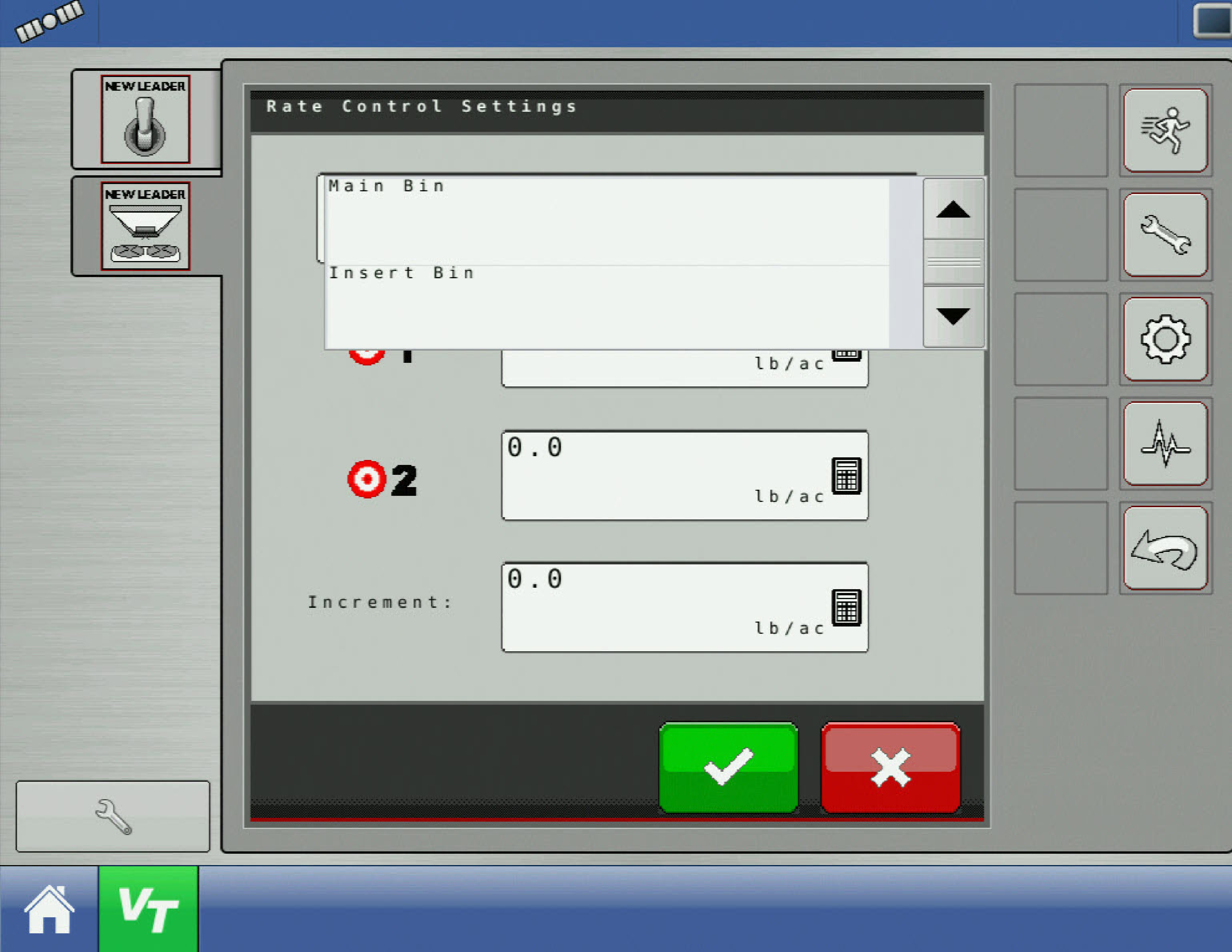


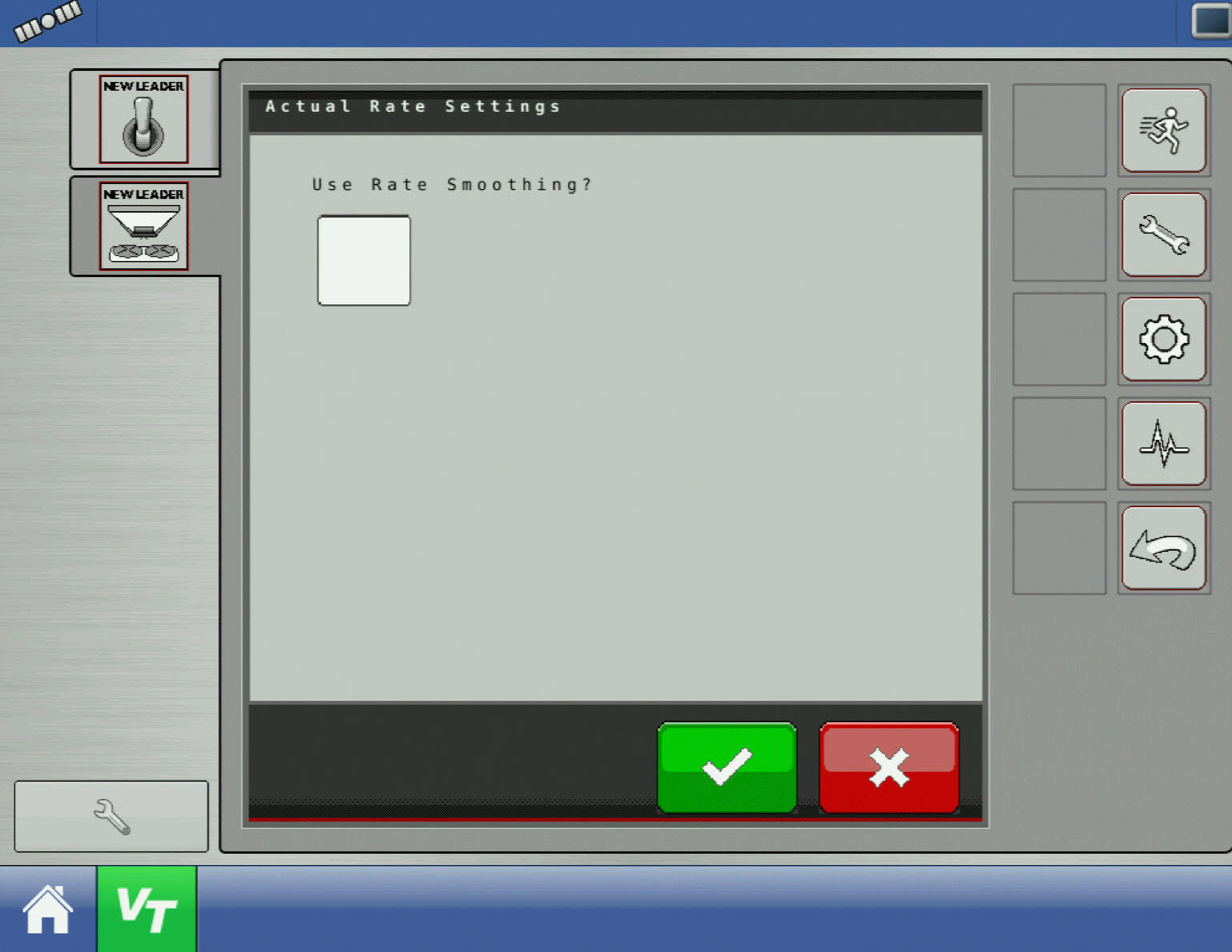
12
7
8
9
4
5
6
1
2
3
0
.
+/-

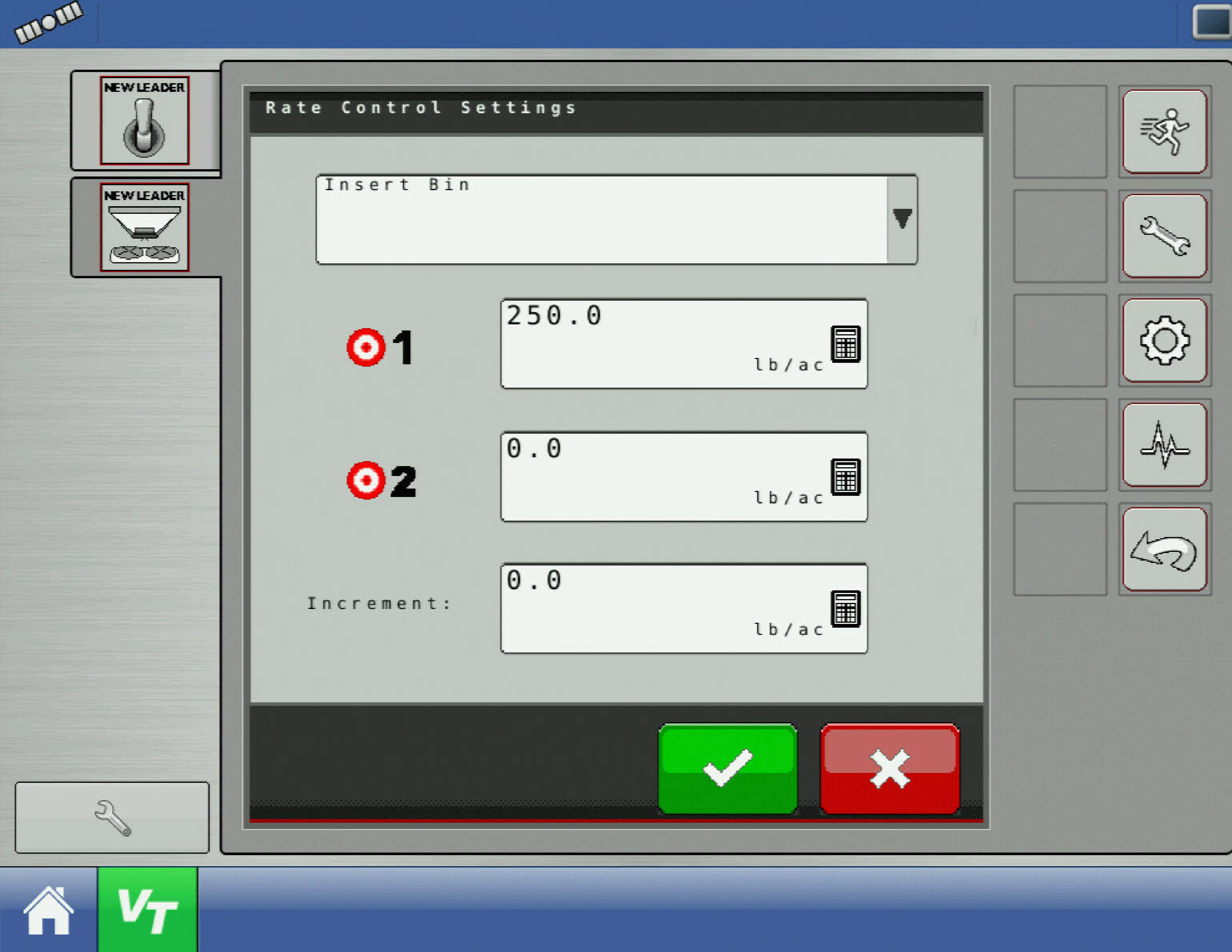

NEW LEADER
NEW LEADER
Main Bin
lb/ac
rpm
0.0
1
250.0
0.0
Insert Bin
lb/ac
rpm
0.0
1
250.0
0.0
0.0
0.0
1
250.0
2
0.0
0
rpm
0
rpm
ft
90.0
1/2
All
VT

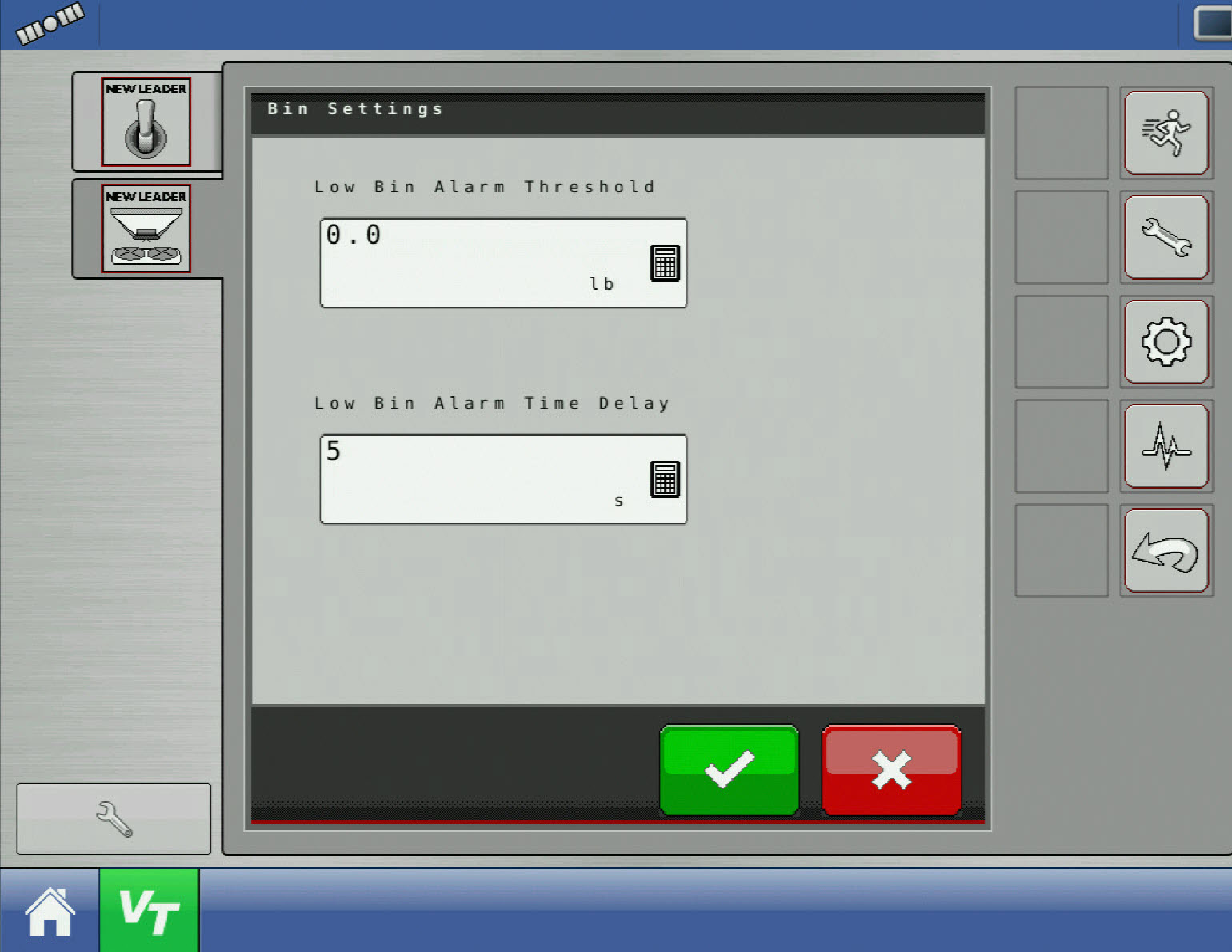

NEW LEADER
NEW LEADER
Rate Control Settings
Main Bin
1
250.0
lb/ac
2
0.0
lb/ac
Increment:
0.0
lb/ac
VT

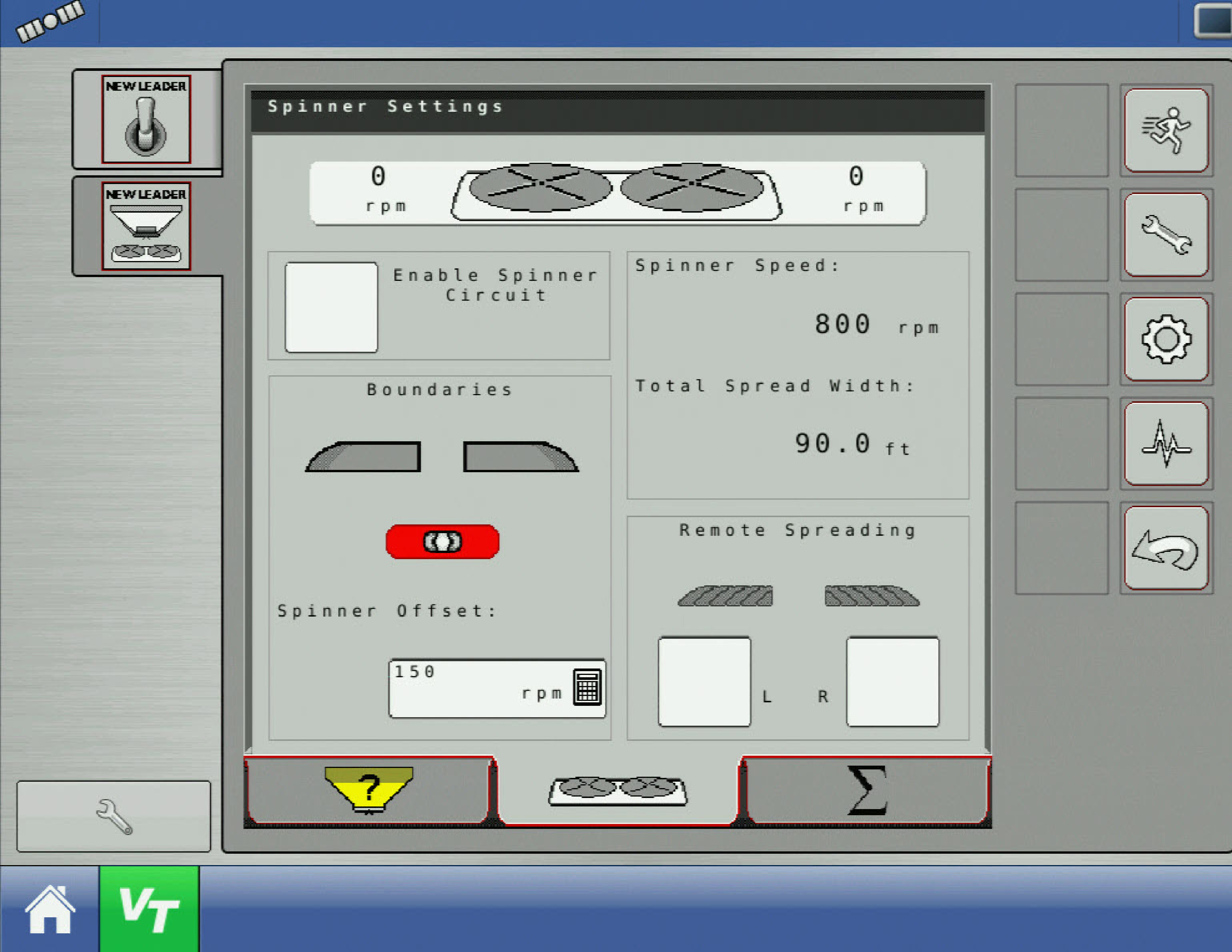

NEW LEADER
NEW LEADER
Rate Control Settings
Main Bin
1
250.0
lb/ac
2
0.0
lb/ac
Increment:
0.0
lb/ac
VT


NEW LEADER
NEW LEADER
Rate Control Settings
Main Bin
Insert Bin
lb/ac
2
0.0
lb/ac
Increment:
0.0
lb/ac
VT

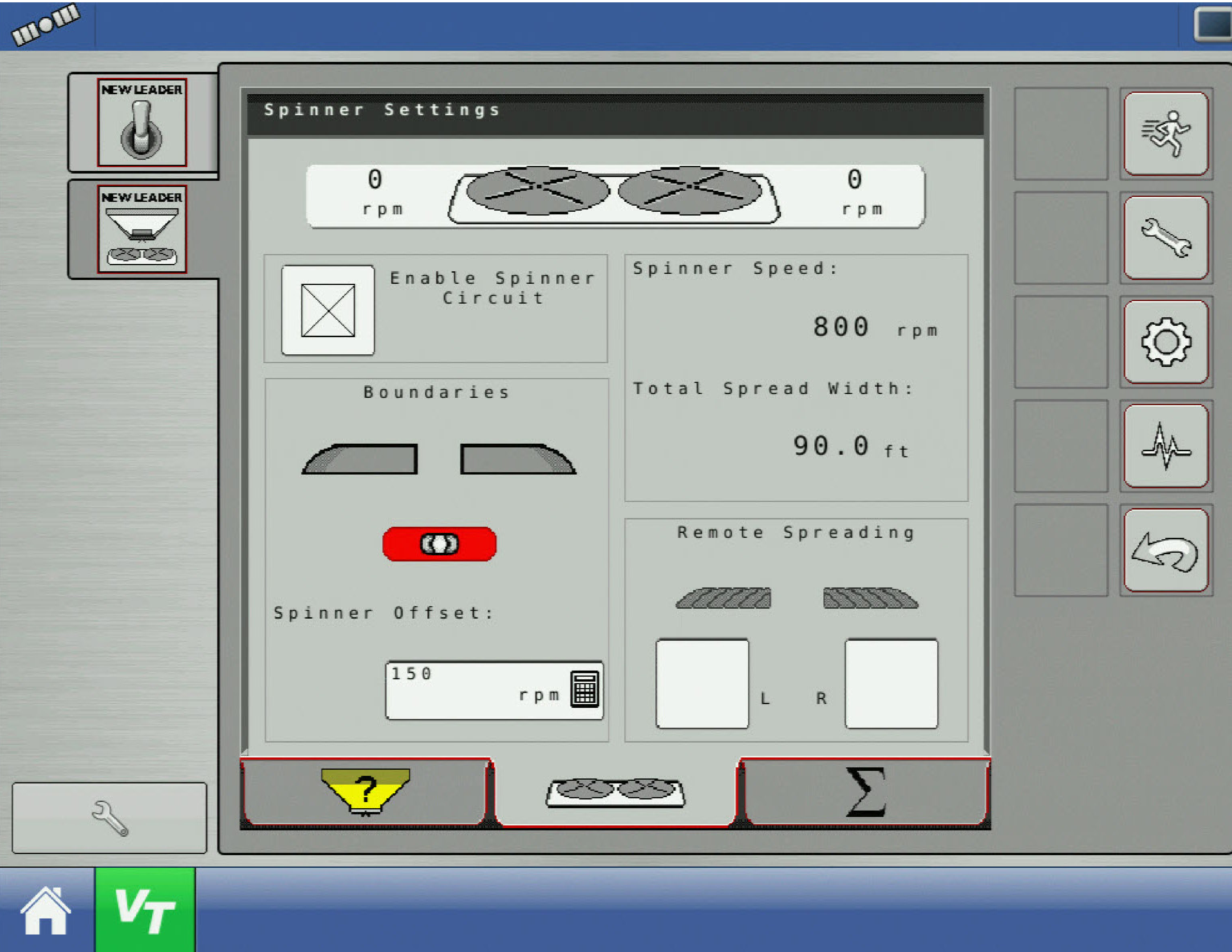

NEW LEADER
NEW LEADER
Actual Rate Settings
Use Rate Smoothing?
VT

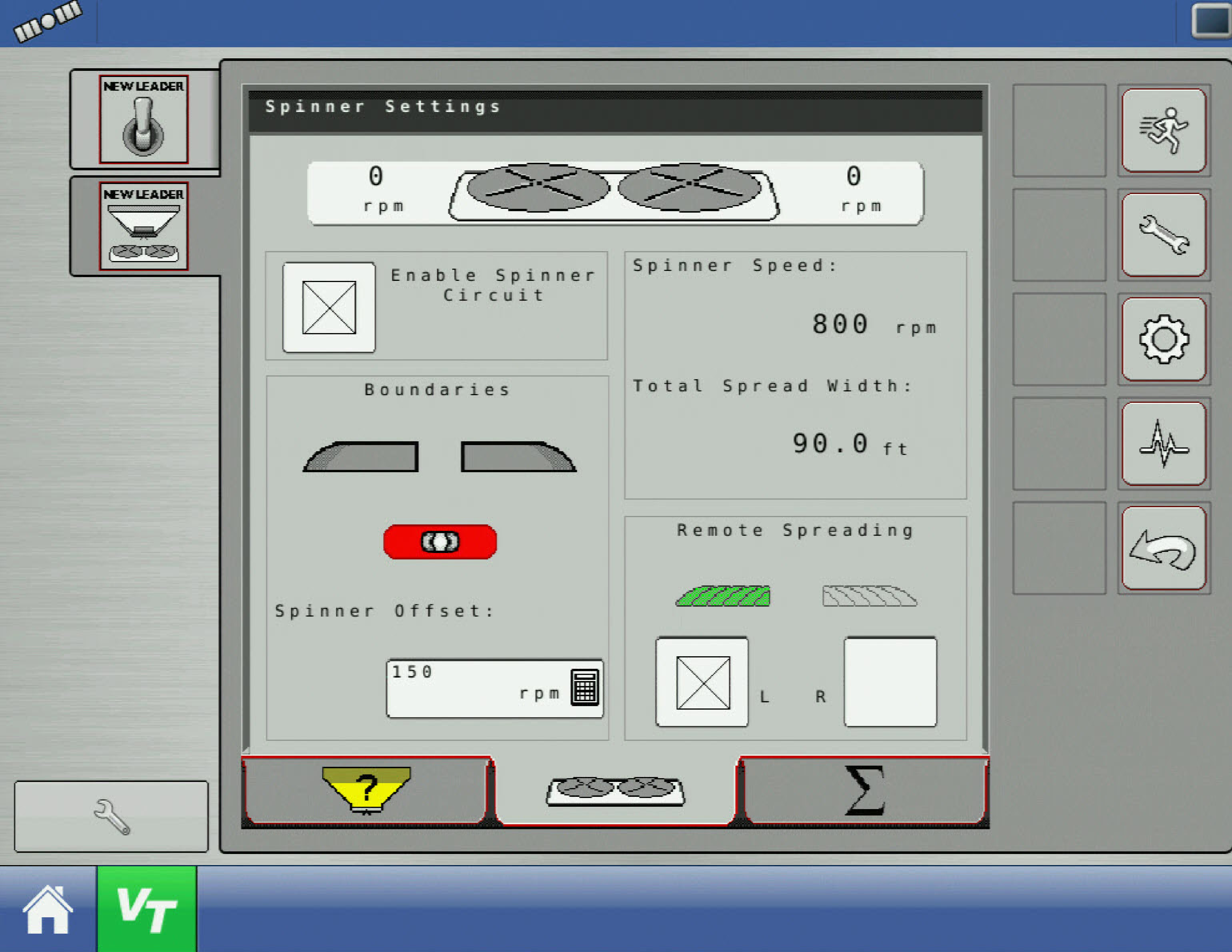

NEW LEADER
NEW LEADER
Rate Control Settings
Insert Bin
1
250.0
lb/ac
2
0.0
lb/ac
Increment:
0.0
lb/ac
VT

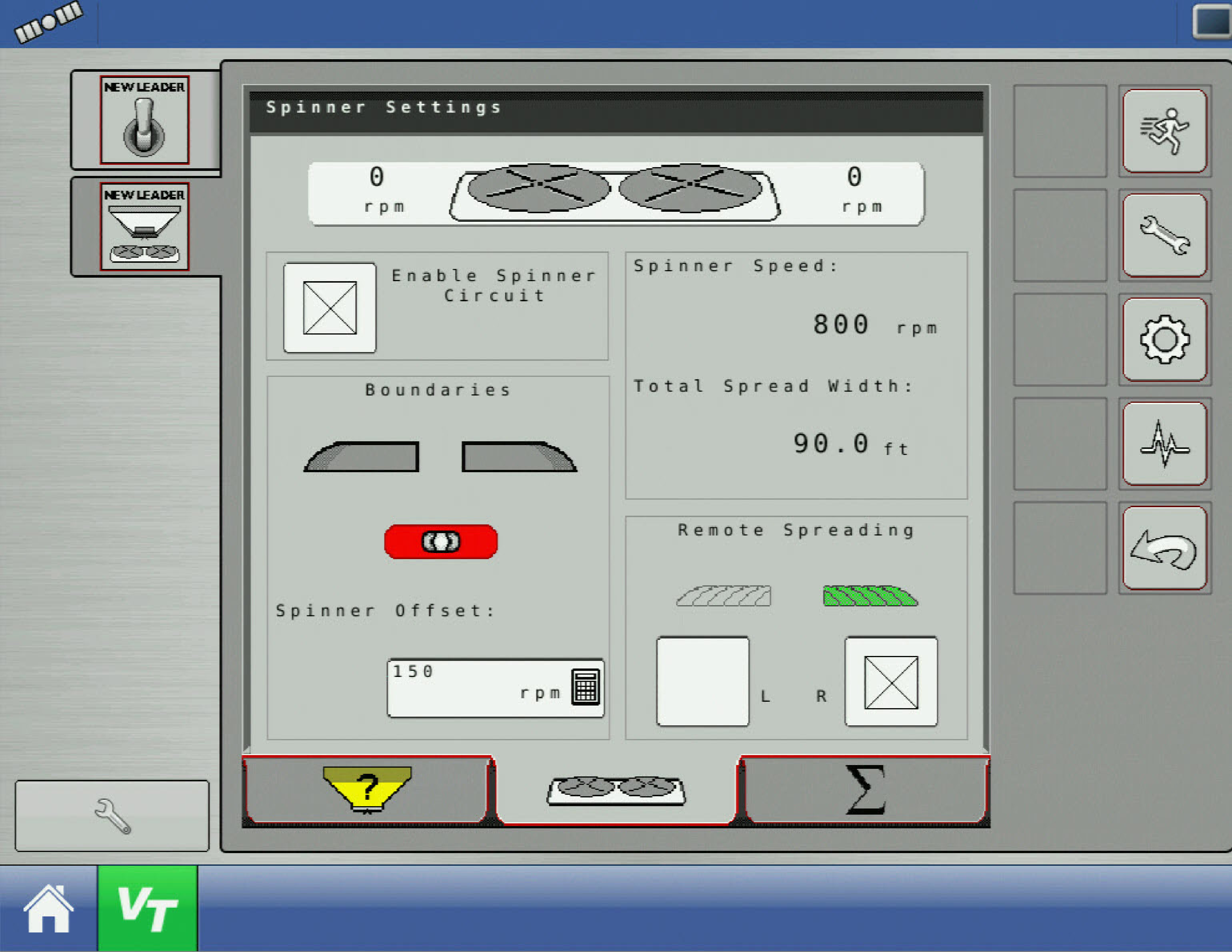

NEW LEADER
NEW LEADER
Bin Settings
Low Bin Alarm Threshold
0.0
lb
Low Bin Alarm Time Delay
5
s
VT



NEW LEADER
NEW LEADER
Spinner Settings
0
rpm
0
rpm
Enable Spinner Circuit
Spinner Speed:
800 rpm
Boundaries
Total Spread Width:
90.0 ft
Remote Spreading
Spinner Offset:
150
rpm
L
R
?
Σ
VT

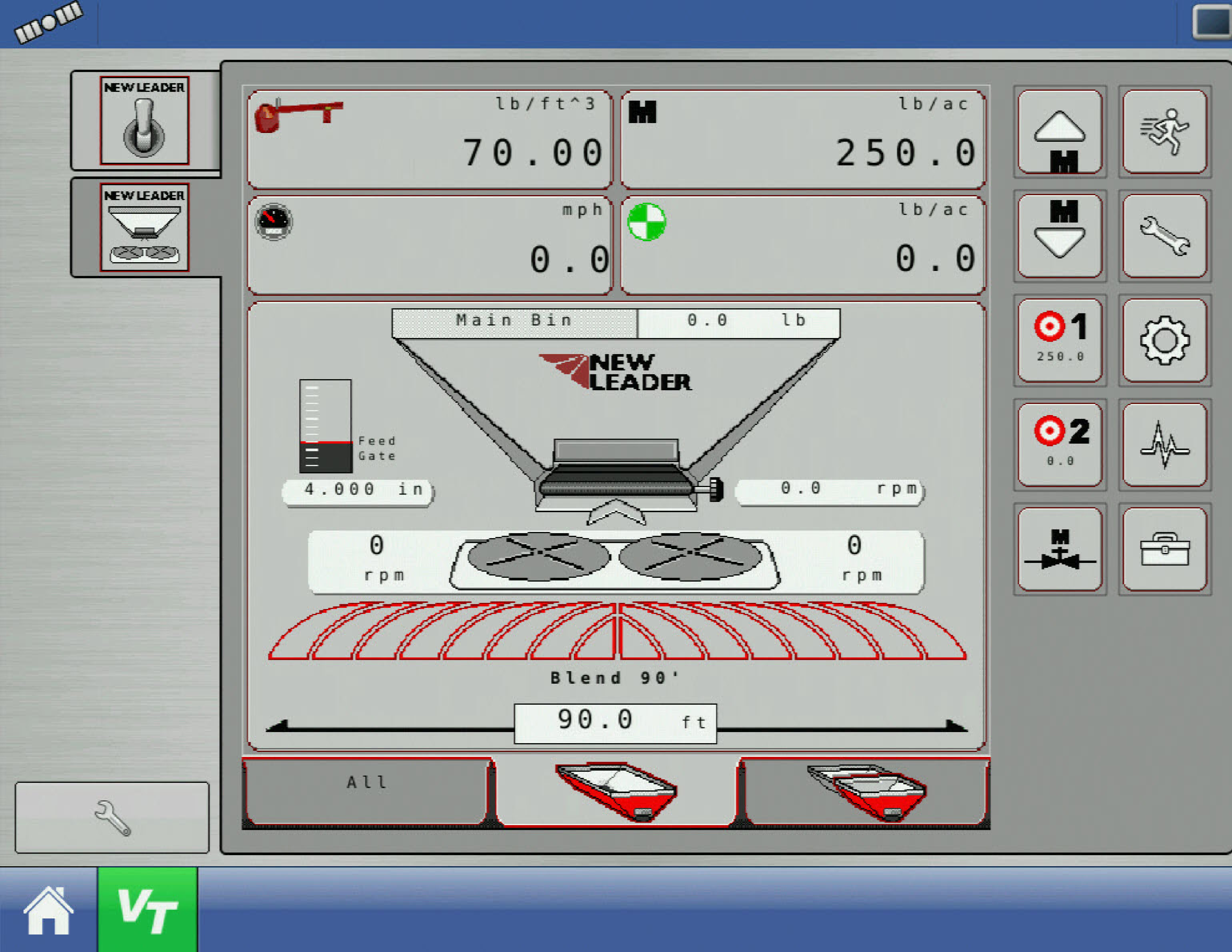

NEW LEADER
NEW LEADER
Spinner Settings
0
rpm
0
rpm
Enable Spinner Circuit
Spinner Speed:
800 rpm
Boundaries
Total Spread Width:
90.0 ft
Remote Spreading
Spinner Offset:
150
rpm
L
R
VT

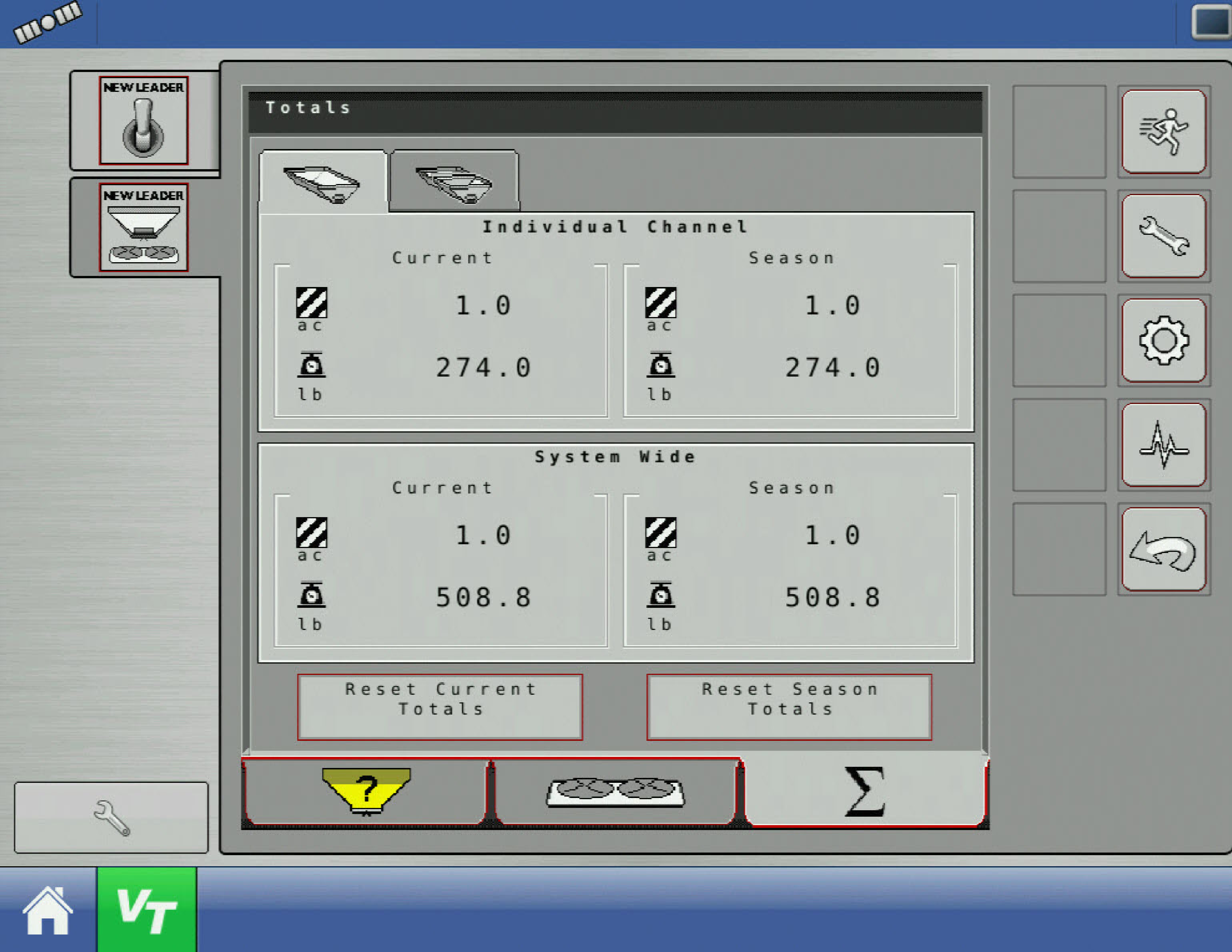

NEW LEADER
NEW LEADER
Spinner Settings
0
rpm
0
rpm
Enable Spinner Circuit
Spinner Speed:
800 rpm
Boundaries
Total Spread Width:
90.0 ft
Remote Spreading
Spinner Offset:
150
rpm
L
R
?
Σ
VT

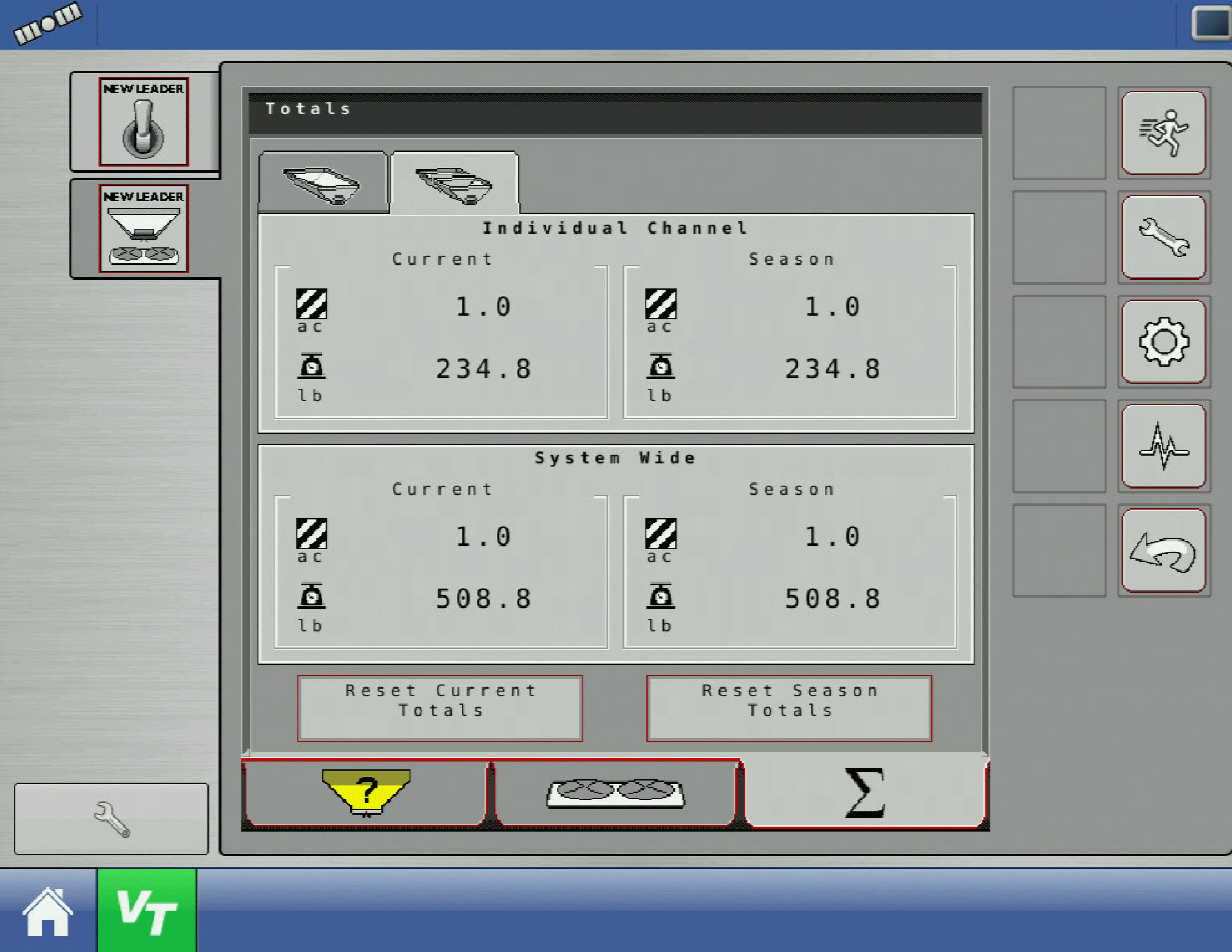

NEW LEADER
NEW LEADER
Spinner Settings
0
rpm
0
rpm
Enable Spinner Circuit
Spinner Speed:
800 rpm
Boundaries
Total Spread Width:
90.0 ft
Remote Spreading
Spinner Offset:
150
rpm
L
R
?
Σ
VT

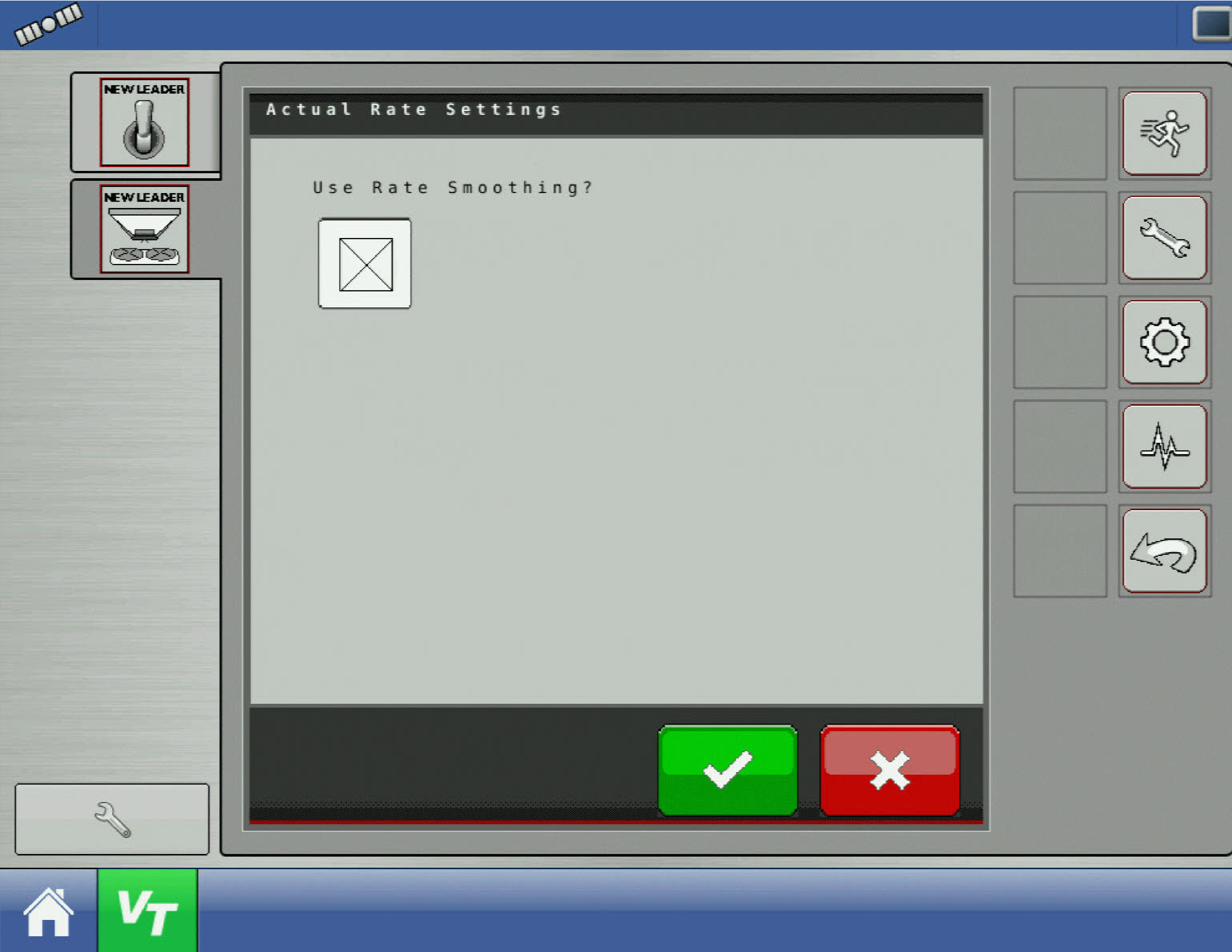

NEW LEADER
NEW LEADER
lb/ft^3
70.00
1
lb/ac
250.0
mph
0.0
lb/ac
0.0
0.0
0.0
1
250.0
2
0.0
M
Main Bin
0.0 lb
NEW LEADER
Feed Gate
4.000 in
0.0 rpm
0
rpm
0
rpm
Blend 90'
90.0 ft
All
VT


NEW LEADER
NEW LEADER
lb/ft^3
70.00
1
lb/ac
250.0
mph
0.0
lb/ac
0.0
Main Bin
0.0 lb
NEW LEADER
Feed Gate
4.000 in
0.0 rpm
0 rpm
0 rpm
Blend 90'
90.0 ft
All
0.0
0.0
1
250.0
2
0.0
VT


NEW LEADER
NEW LEADER
lb/ft^3
70.00
lb/ac
250.0
mph
0.0
lb/ac
0.0
1
250.0
2
0.0
Main Bin
0.0 lb
NEW LEADER
Feed Gate
4.000 in
0.0 rpm
0
rpm
0
rpm
Blend 90'
90.0 ft
All
VT

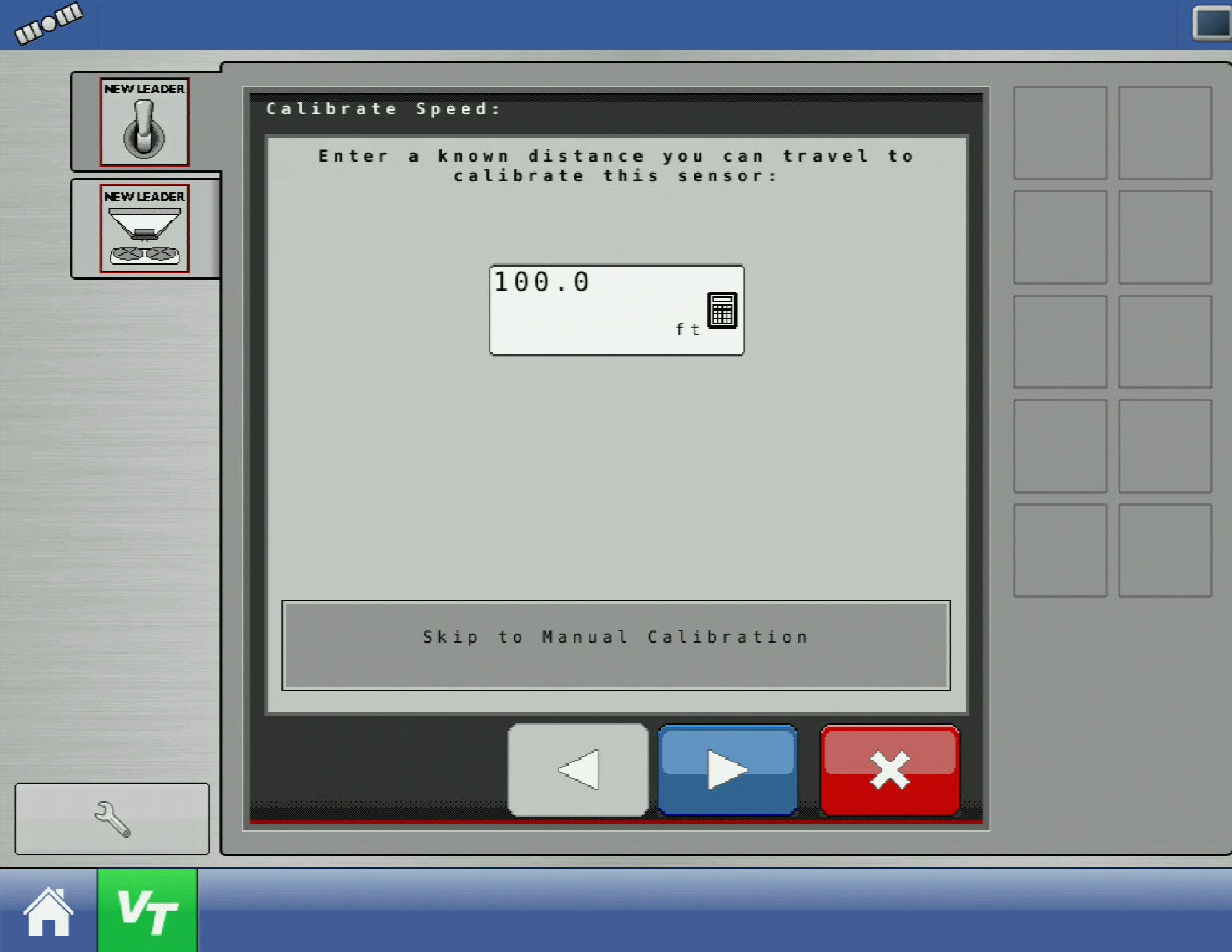

NEW LEADER
NEW LEADER
Totals
Individual Channel
Current
1.0
ac
274.0
lb
Season
1.0
ac
274.0
lb
System Wide
Current
1.0
ac
508.8
lb
Season
1.0
ac
508.8
lb
Reset Current Totals
Reset Season Totals
?
Σ
VT

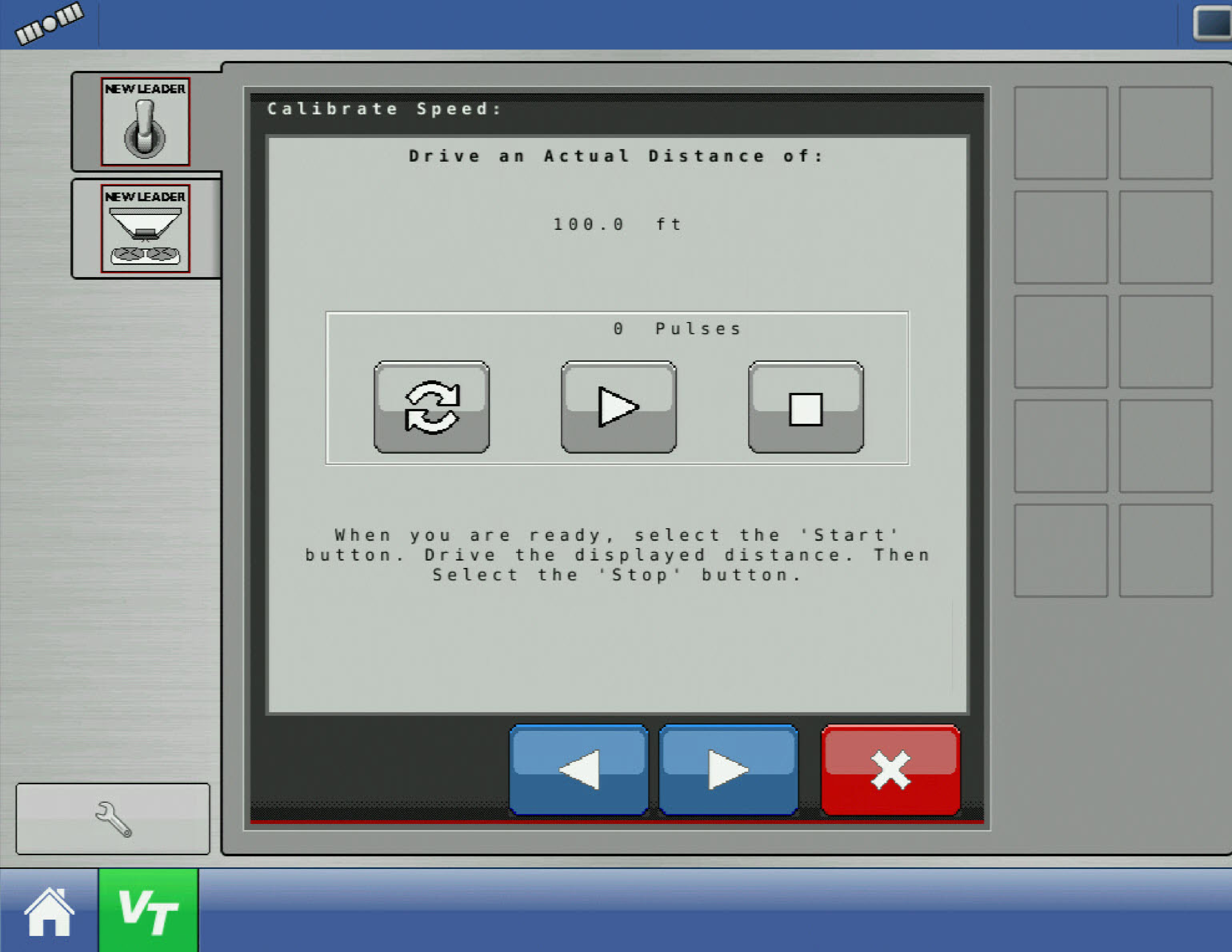

NEW LEADER
NEW LEADER
Totals
Individual Channel
Current
Season
1.0
ac
234.8
lb
1.0
ac
234.8
lb
System Wide
Current
Season
1.0
ac
508.8
lb
1.0
ac
508.8
lb
Reset Current Totals
Reset Season Totals
?
Σ
VT

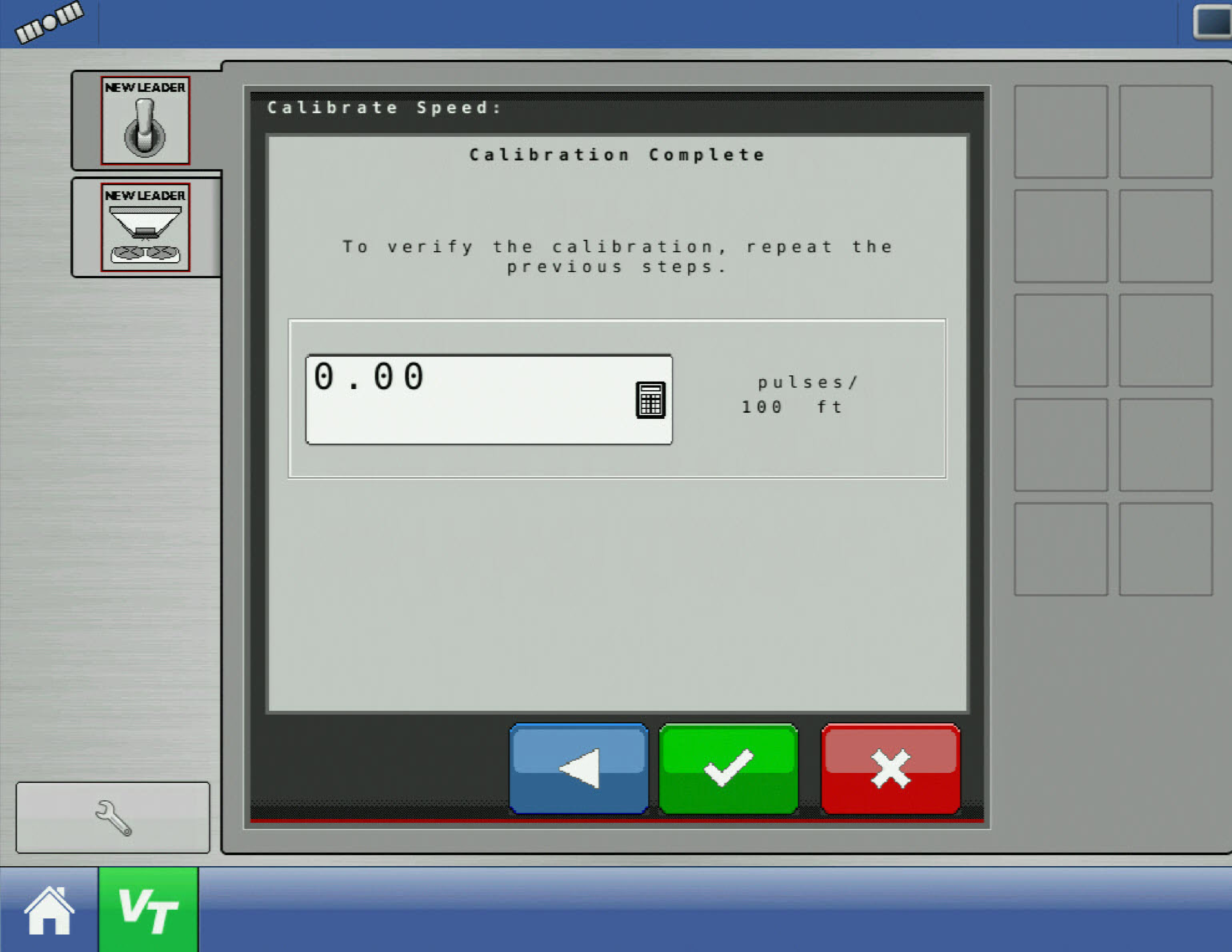

NEW LEADER
NEW LEADER
Actual Rate Settings
Use Rate Smoothing?
VT

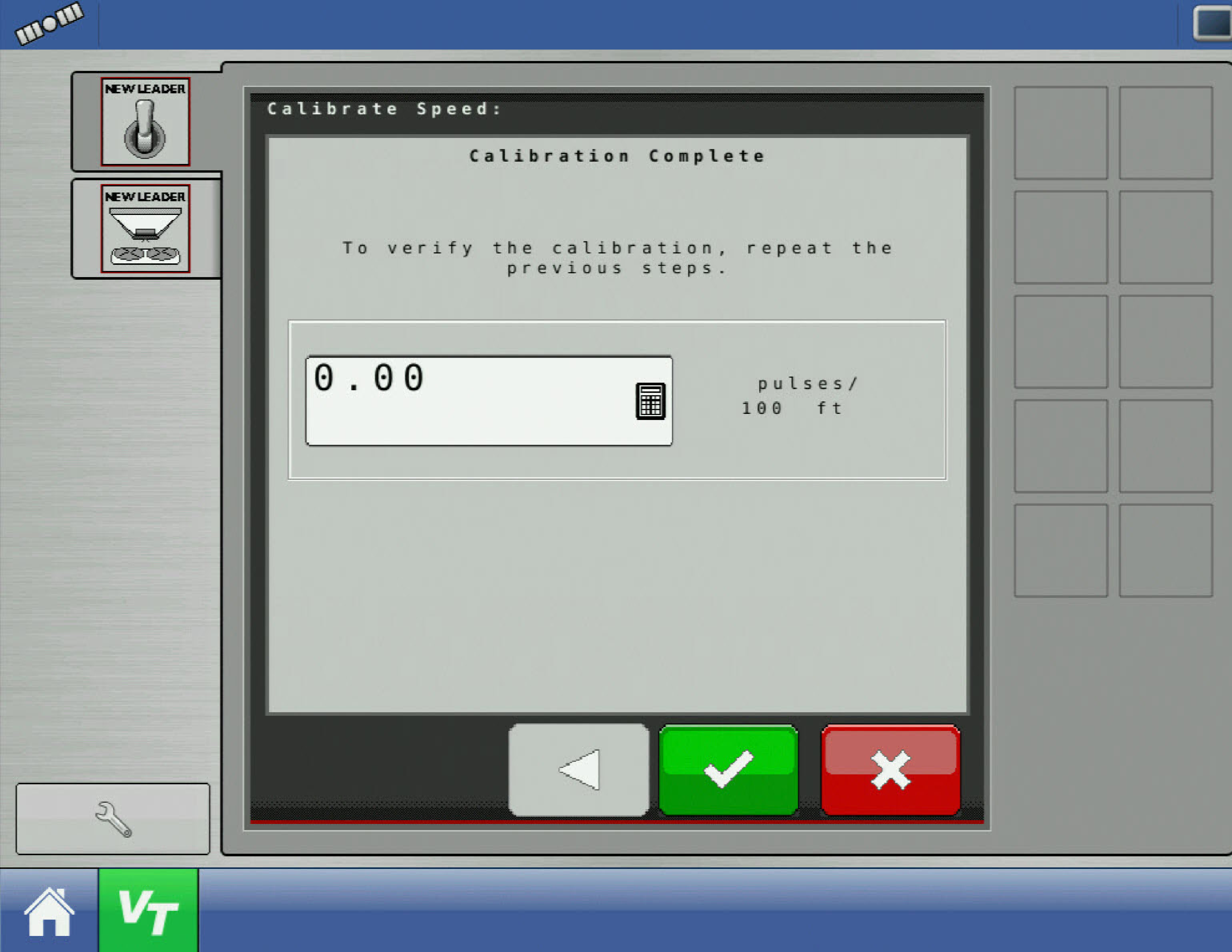

NEW LEADER
NEW LEADER
Aux Input
mph
960756.9
0
30

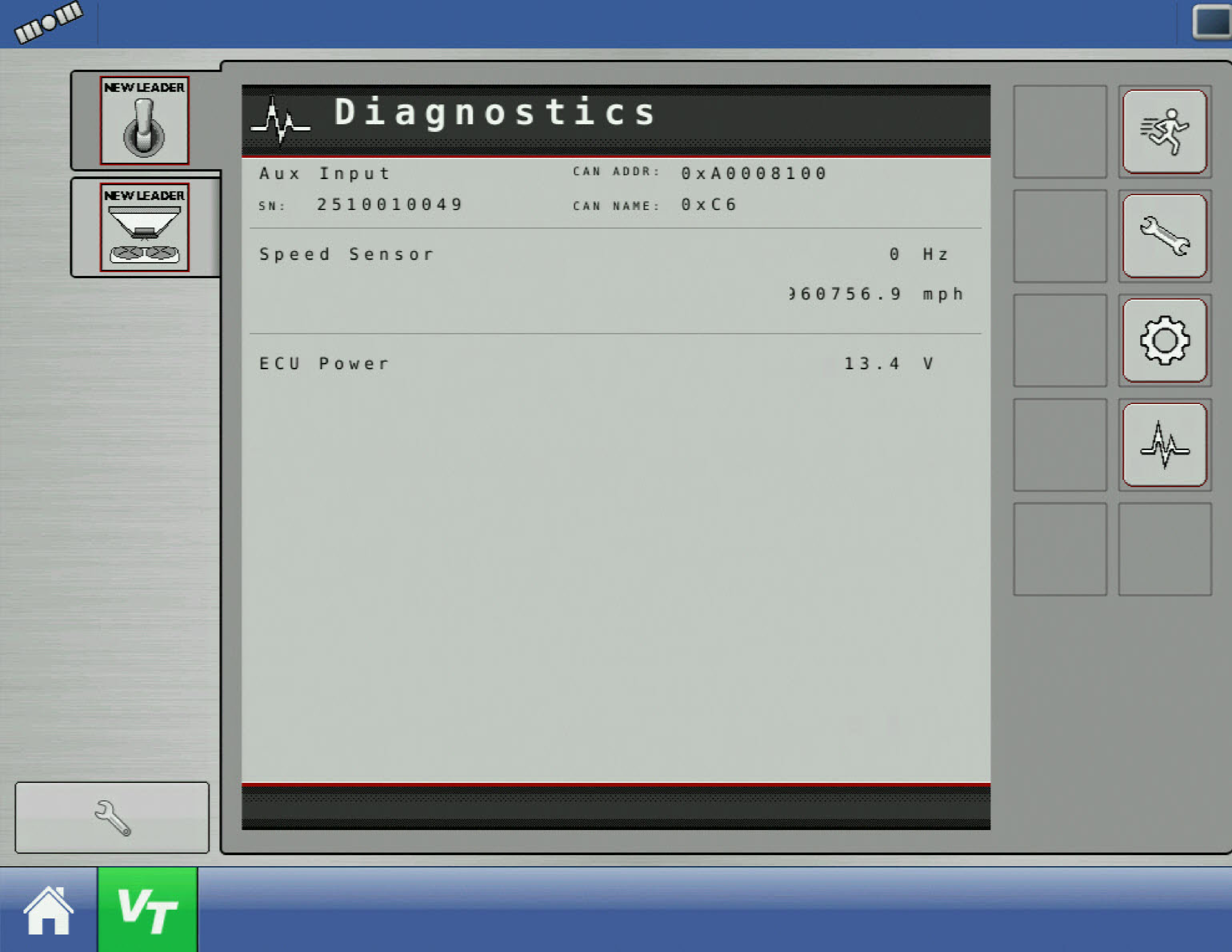

NEW LEADER
NEW LEADER
Settings
Enable Speed Broadcast:
VT

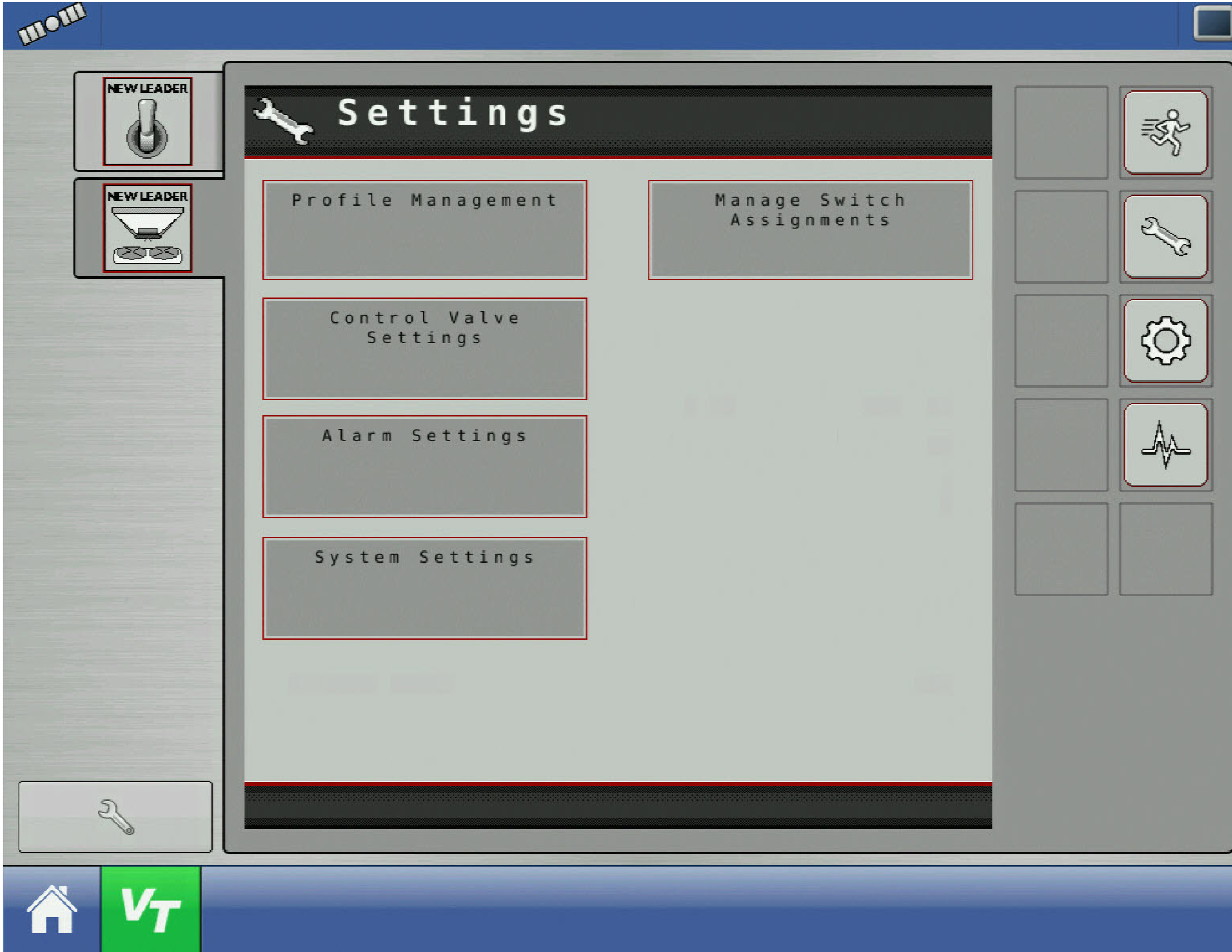

NEW LEADER
NEW LEADER
Calibrate Speed:
Enter a known distance you can travel to calibrate this sensor:
100.0
ft
Skip to Manual Calibration
VT

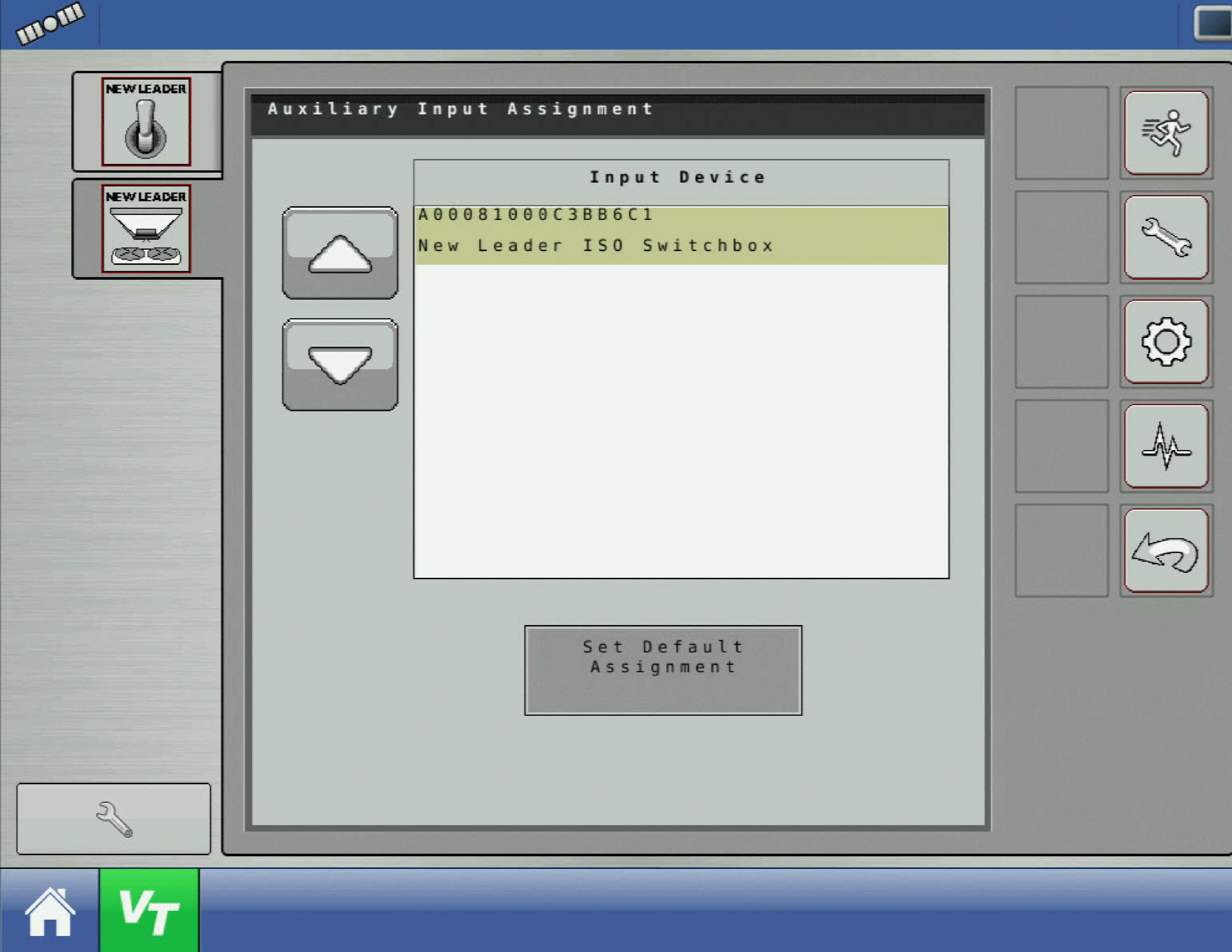

NEW LEADER
NEW LEADER
Calibrate Speed:
Drive an Actual Distance of:
100.0 ft
0 Pulses
When you are ready, select the 'Start' button. Drive the displayed distance. Then Select the 'Stop' button.
VT

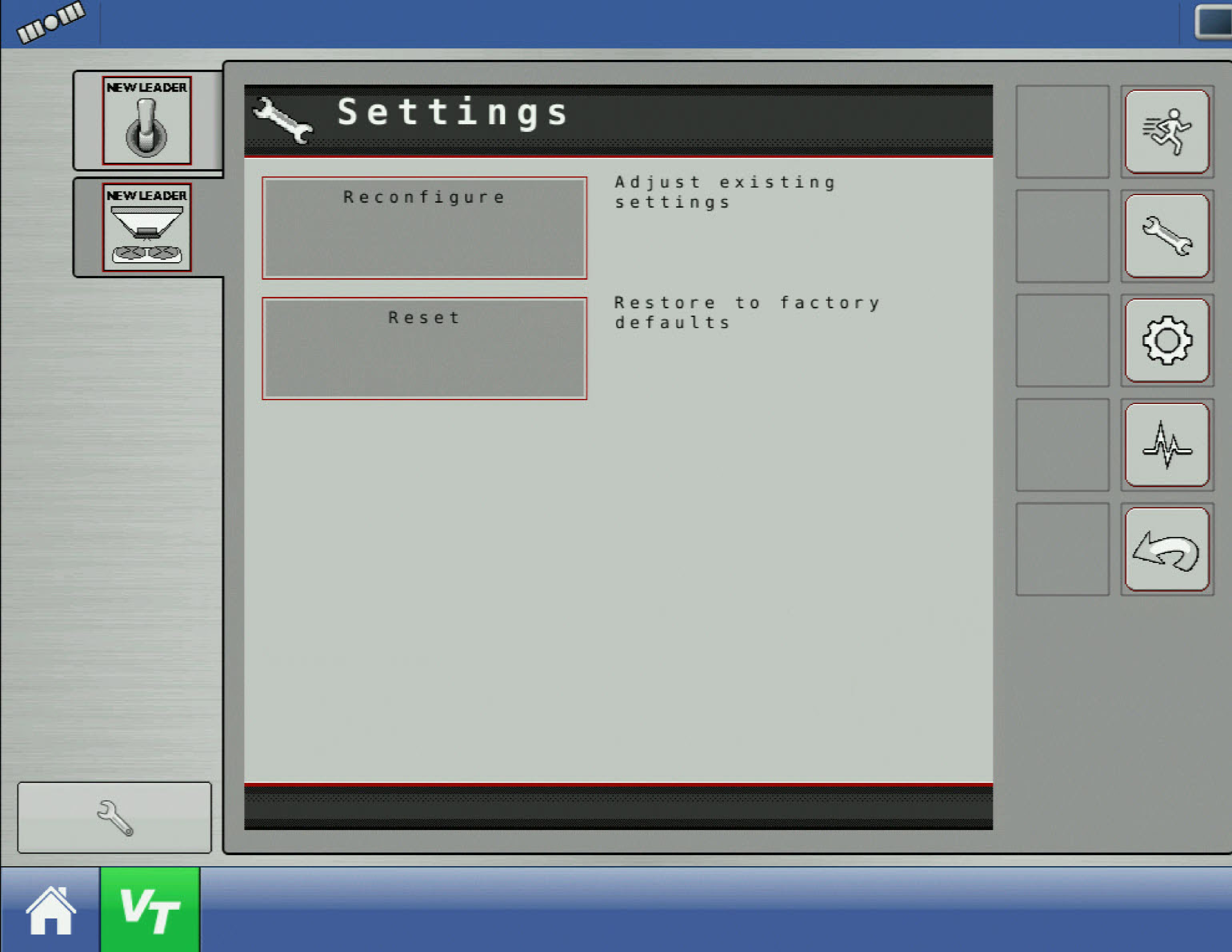

NEW LEADER
NEW LEADER
Calibrate Speed:
Calibration Complete
To verify the calibration, repeat the previous steps.
0.00
pulses/ 100 ft
VT

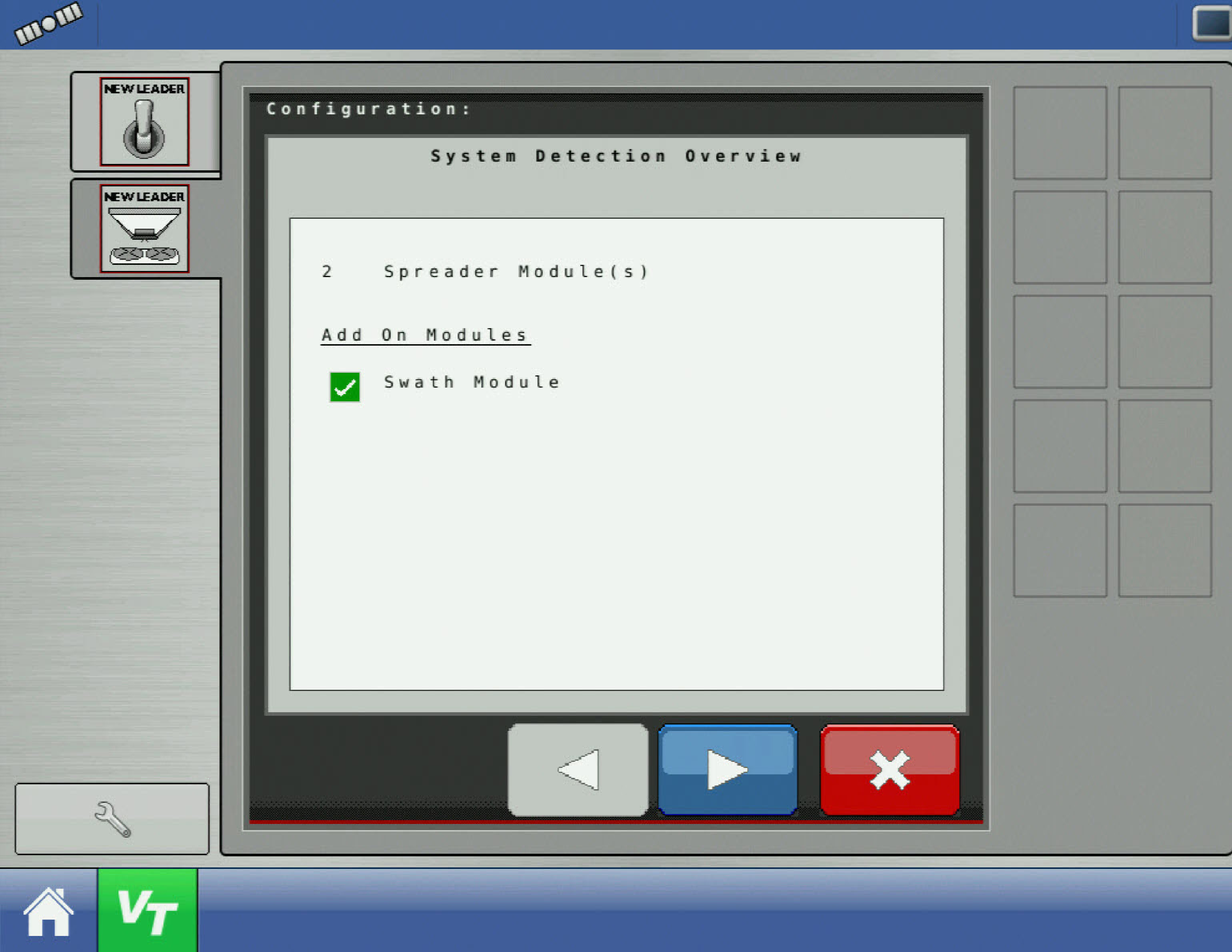

NEW LEADER
NEW LEADER
Calibrate Speed:
Calibration Complete
To verify the calibration, repeat the previous steps.
0.00
pulses/
100 ft
VT

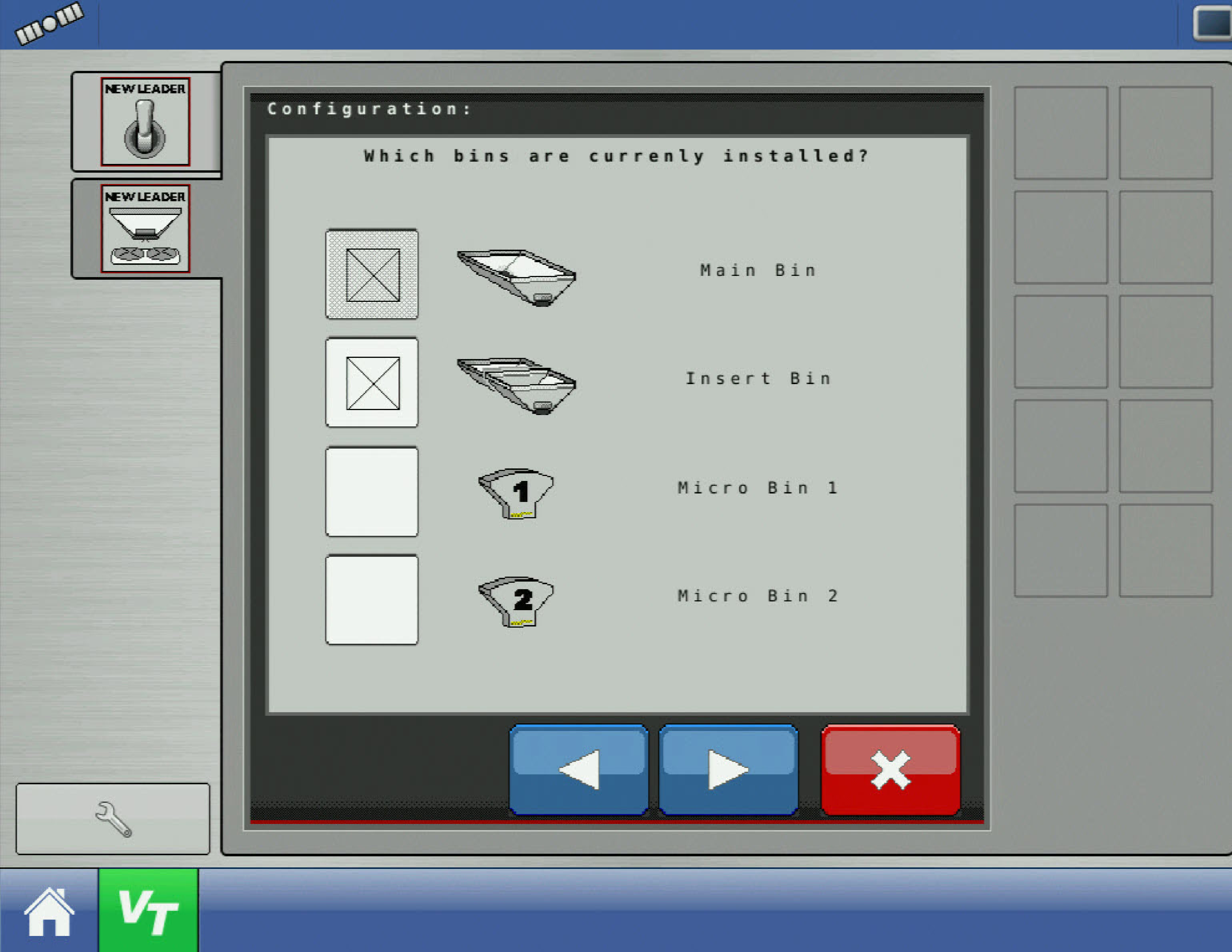

NEW LEADER
NEW LEADER
Diagnostics
Aux Input
CAN ADDR: 0xA0008100
SN: 2510010049
CAN NAME: 0xC6
Speed Sensor
0 Hz
60756.9 mph
ECU Power
13.4 V
VT


NEW LEADER
NEW LEADER
Settings
Profile Management
Manage Switch Assignments
Control Valve Settings
Alarm Settings
System Settings
VT


NEW LEADER
NEW LEADER
Auxiliary Input Assignment
Input Device
A00081000C3BB6C1
New Leader ISO Switchbox
Set Default Assignment
VT


NEW LEADER
NEW LEADER
Settings
Reconfigure
Adjust existing settings
Reset
Restore to factory defaults
VT


NEW LEADER
NEW LEADER
Configuration:
System Detection Overview
2 Spreader Module(s)
Add On Modules
Swath Module
VT

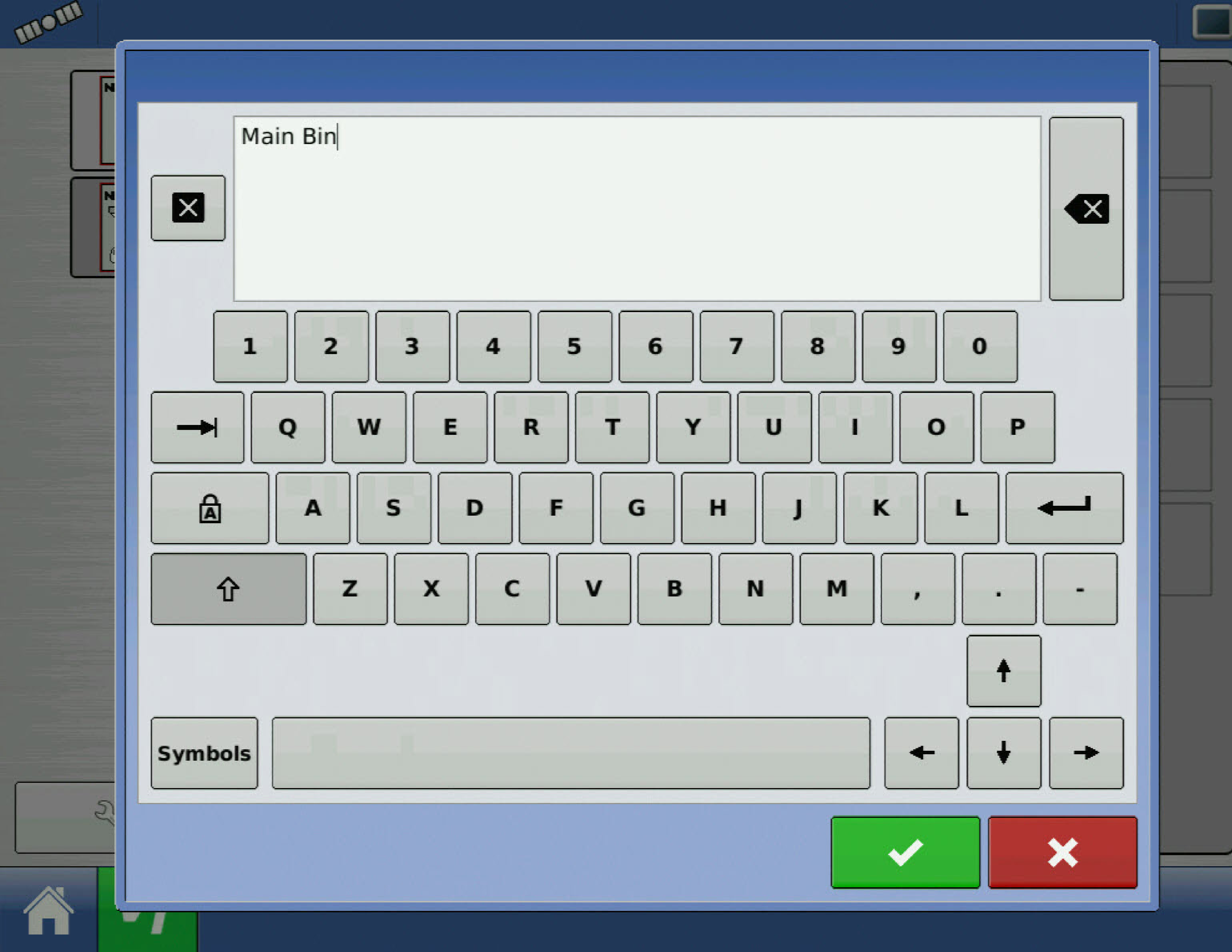

NEW LEADER
NEW LEADER
Configuration:
Which bins are currenly installed?
Main Bin
Insert Bin
Micro Bin 1
Micro Bin 2
VT

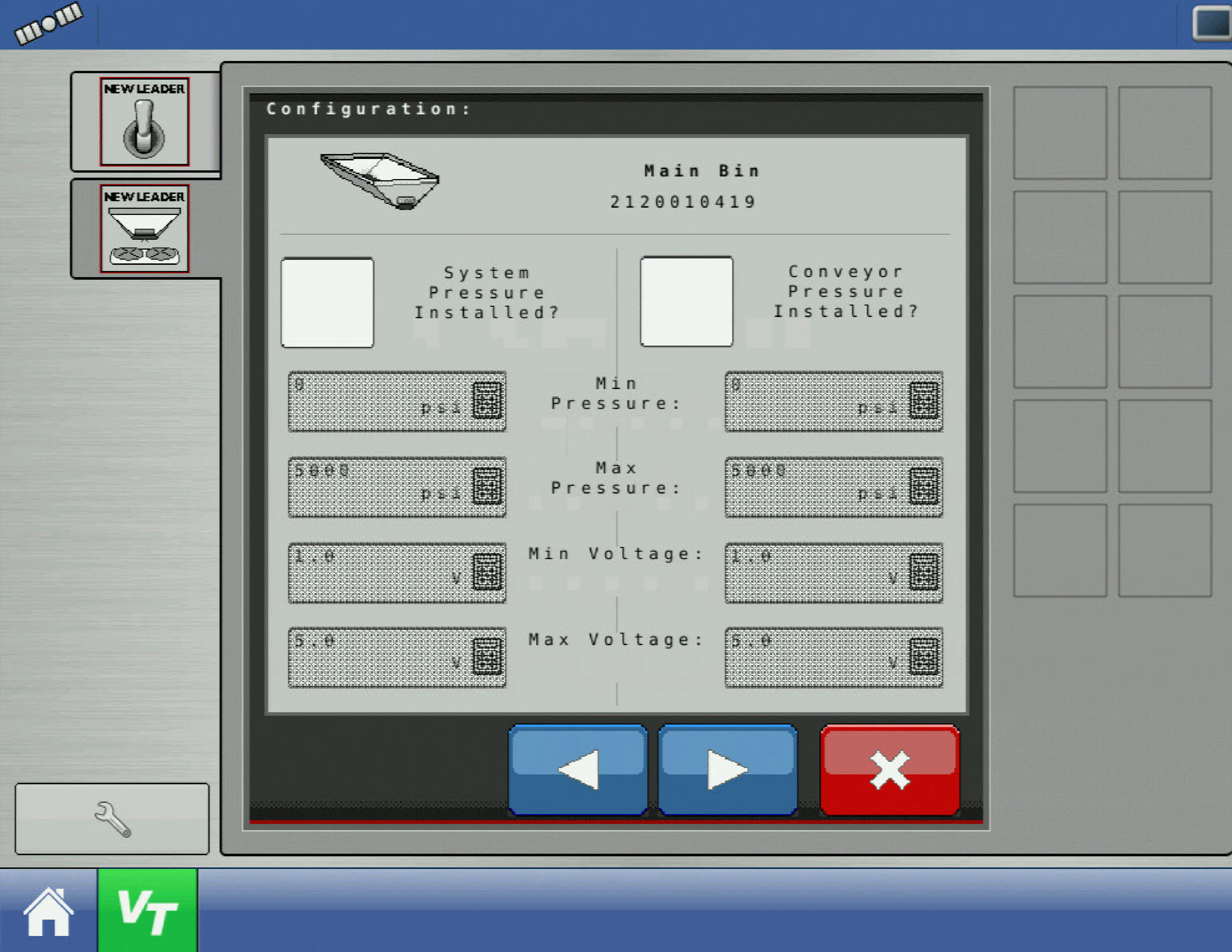
NEW LEADER
NEW LEADER
Configuration:
Main Bin
2120010419
Name:
Main Bin
Capacity:
150.0
ft^3
Low Bin Sensor Installed?
Feedgate Actuator Installed?
VT

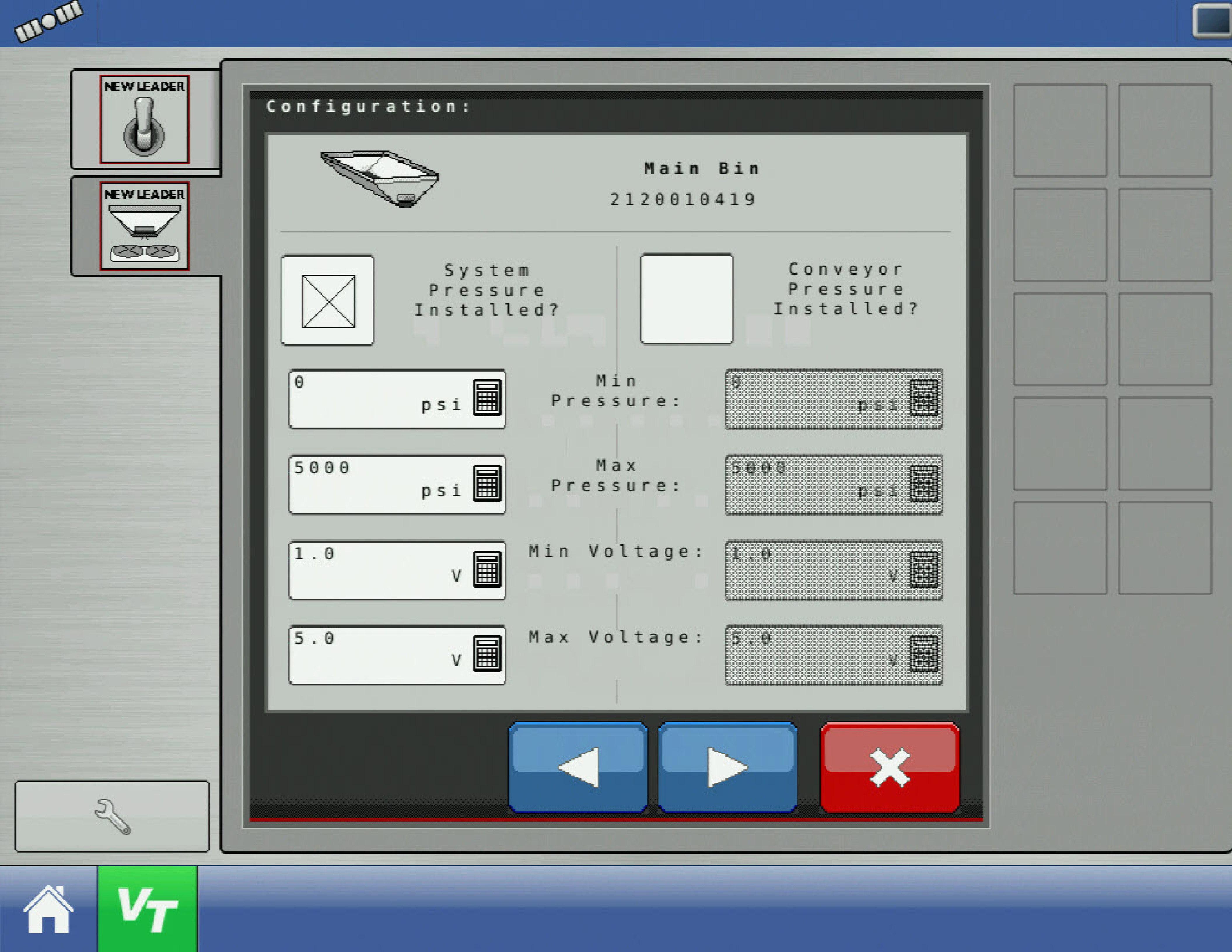

NEW LEADER
NEW LEADER
Configuration:
Main Bin
2120010419
Name:
Main Bin
Capacity:
150.0
ft^3
Low Bin Sensor Installed?
Feedgate Actuator Installed?
VT

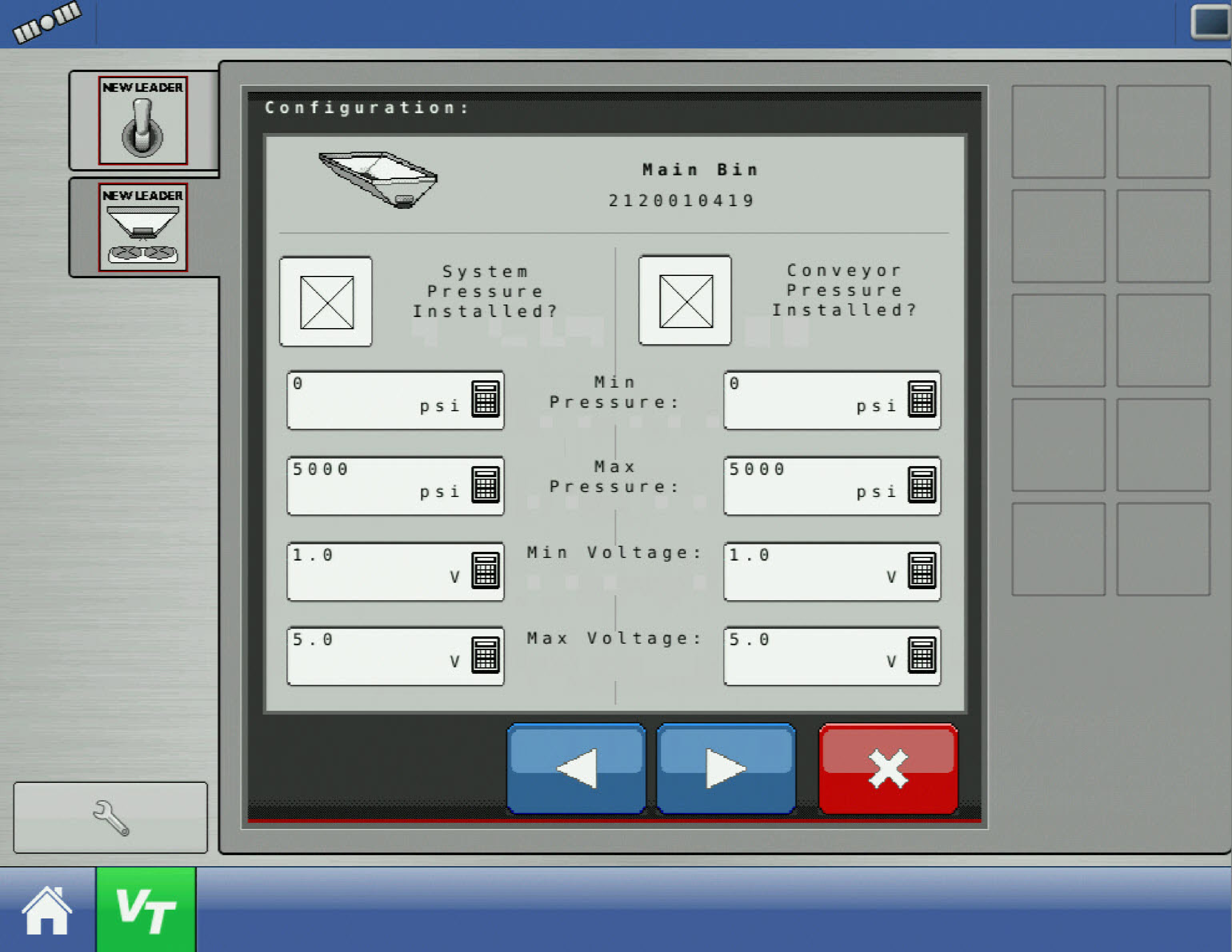

NEW LEADER
NEW LEADER
Configuration:
Main Bin
2120010419
Name:
Main Bin
Capacity:
150.0
ft^3
Low Bin Sensor Installed?
Feedgate Actuator Installed?
VT

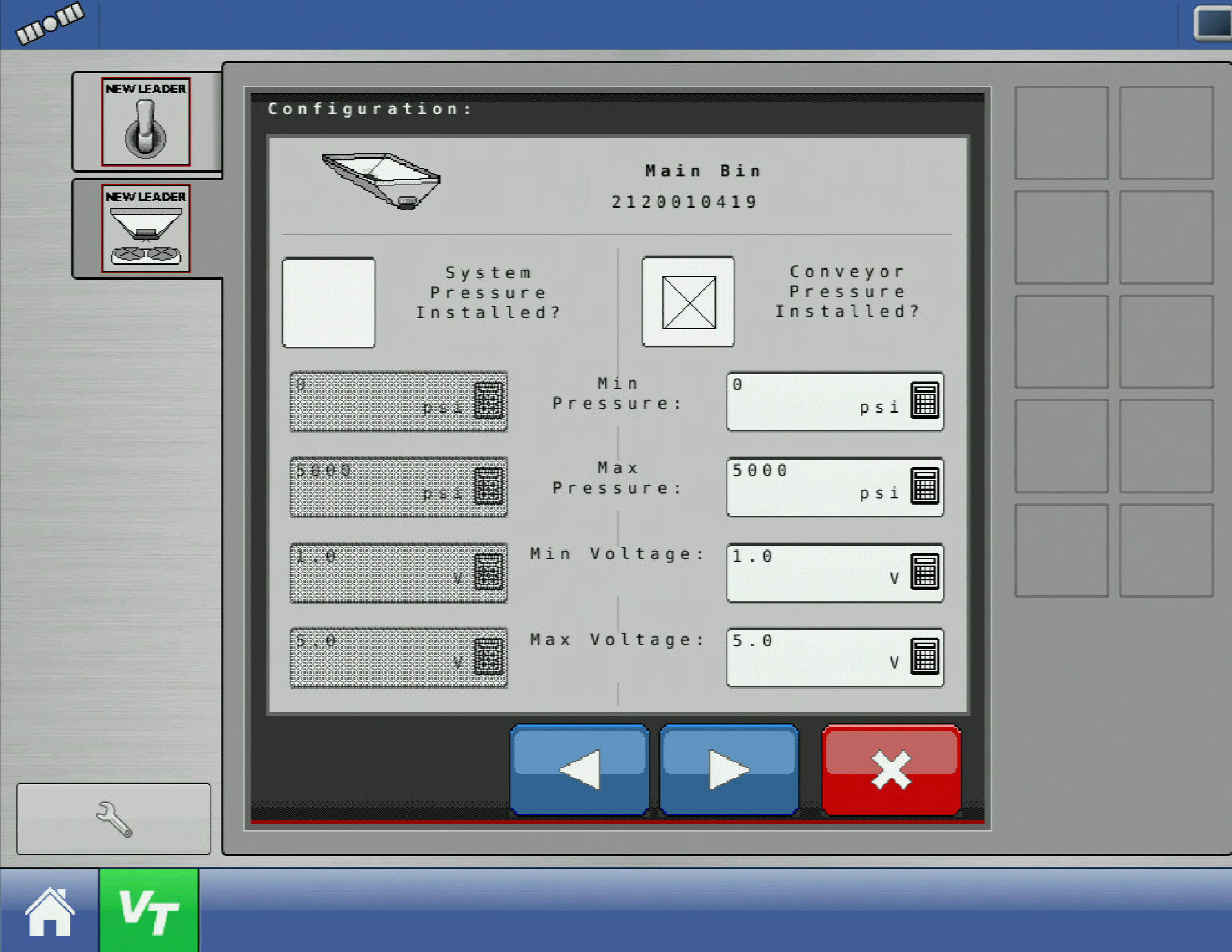

NEW LEADER
NEW LEADER
Configuration:
Main Bin
2120010419
Name:
Main Bin
Capacity:
150.0
ft^3
Low Bin Sensor Installed?
Feedgate Actuator Installed?
VT

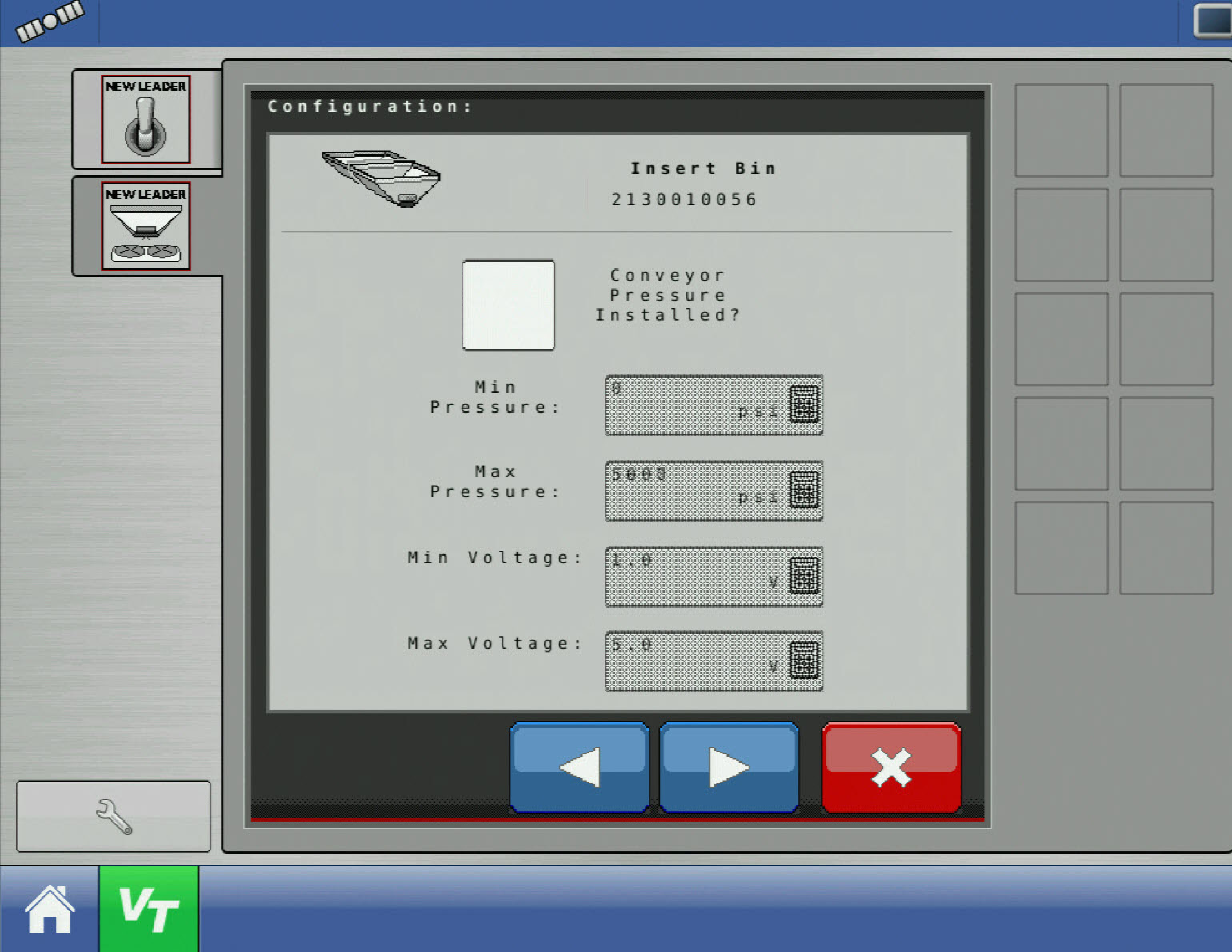

Main Bin
1 2 3 4 5 6 7 8 9 0
Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M , . -
Symbols

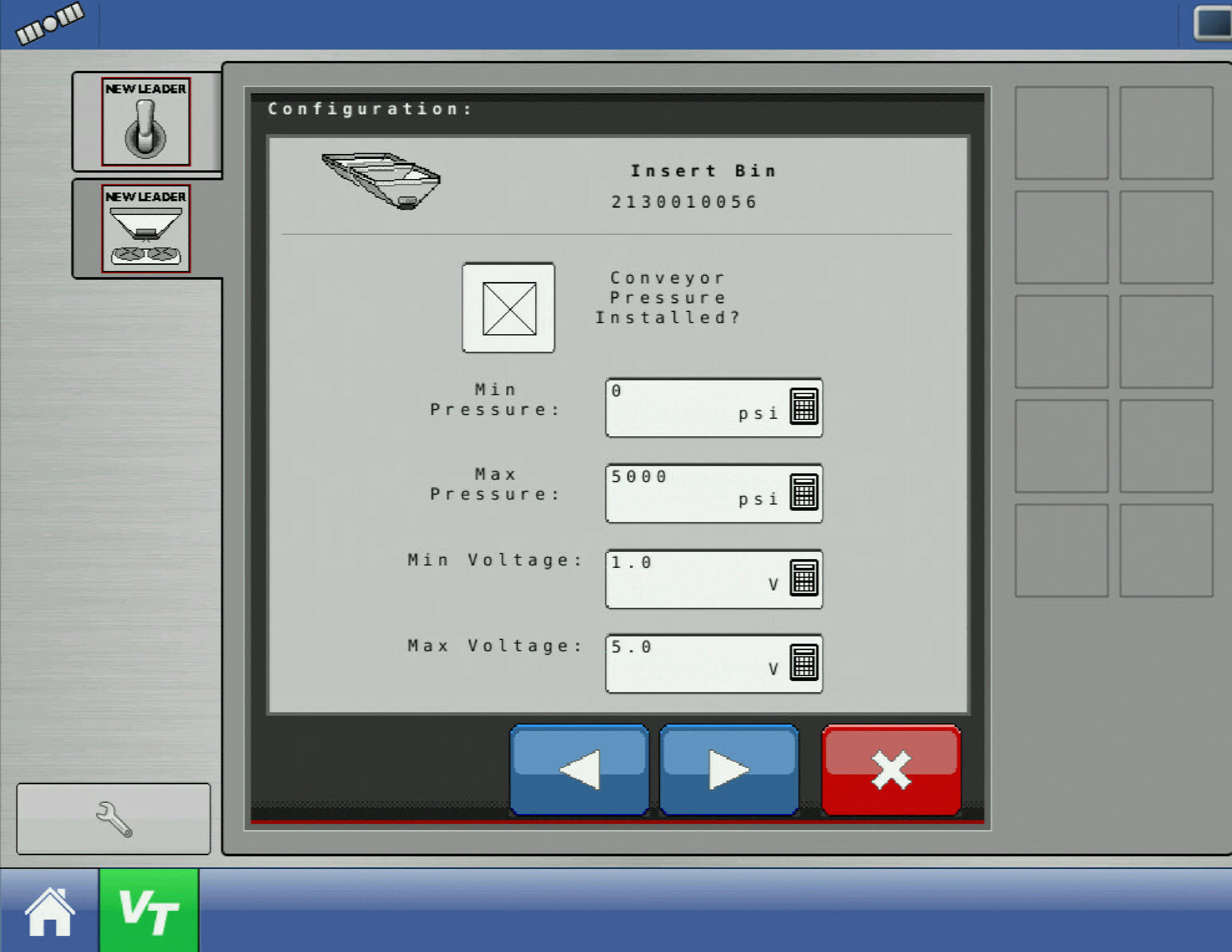

NEW LEADER
NEW LEADER
Configuration:
Main Bin
2120010419
System Pressure Installed?
Conveyor Pressure Installed?
0 psi
Min Pressure:
0 psi
5000 psi
Max Pressure:
5000 psi
1.0 V
Min Voltage:
1.0 V
5.0 V
Max Voltage:
5.0 V
VT

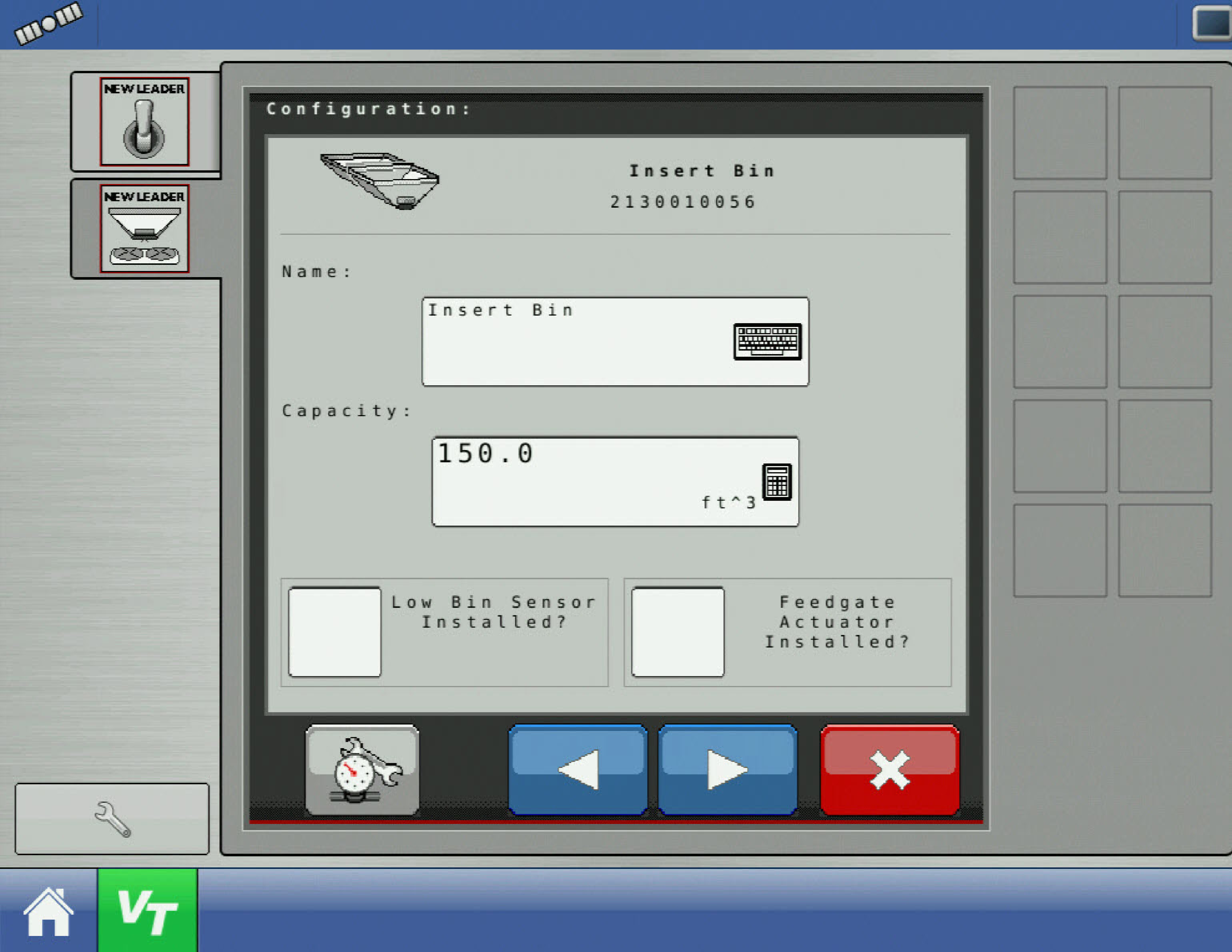

NEW LEADER
NEW LEADER
Configuration:
Main Bin
2120010419
System Pressure Installed?
Conveyor Pressure Installed?
0 psi
Min Pressure:
0 psi
5000 psi
Max Pressure:
5000 psi
1.0 V
Min Voltage:
1.0 V
5.0 V
Max Voltage:
5.0 V
VT

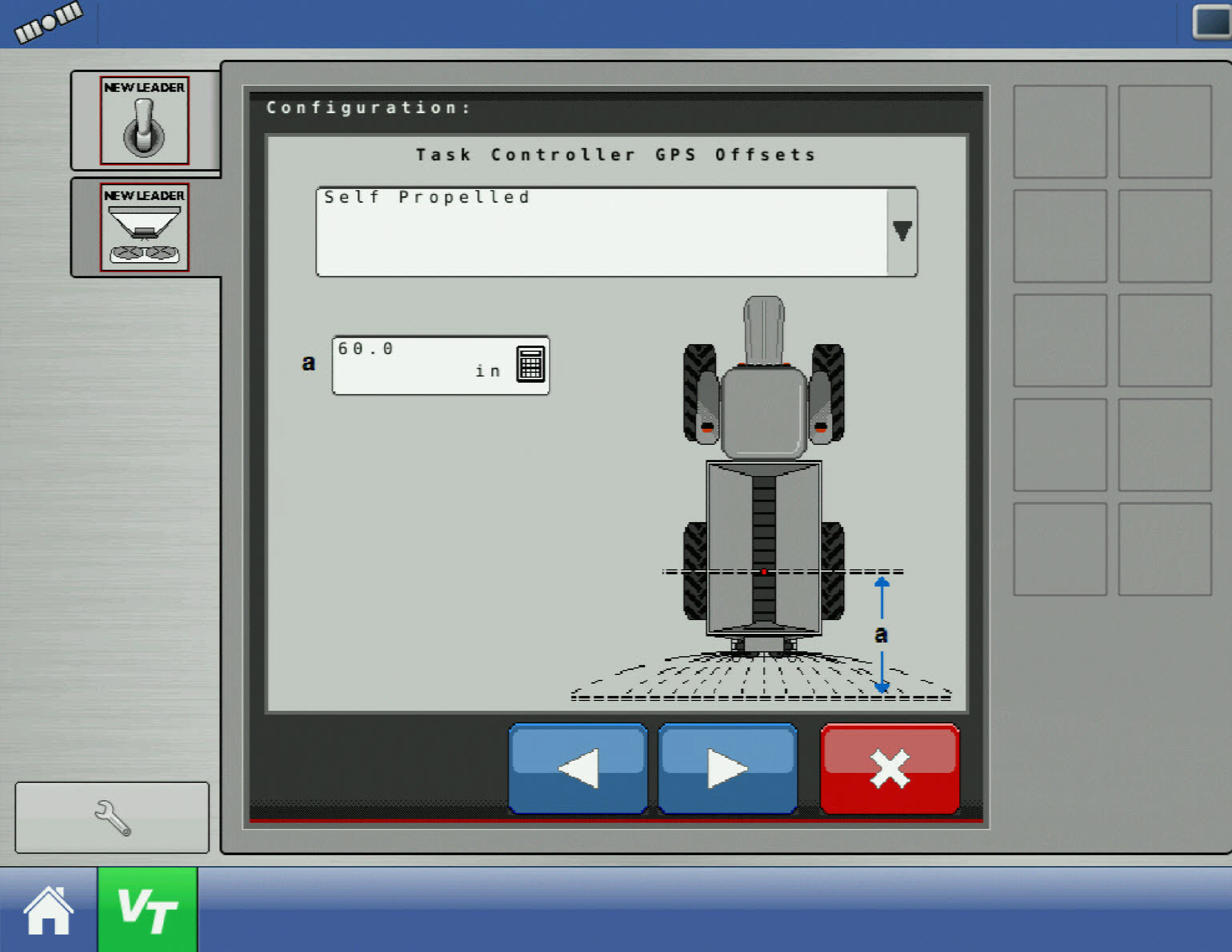

NEW LEADER
NEW LEADER
Configuration:
Main Bin
2120010419
System Pressure Installed?
Conveyor Pressure Installed?
0 psi
Min Pressure:
0 psi
5000 psi
Max Pressure:
5000 psi
1.0 V
Min Voltage:
1.0 V
5.0 V
Max Voltage:
5.0 V
VT

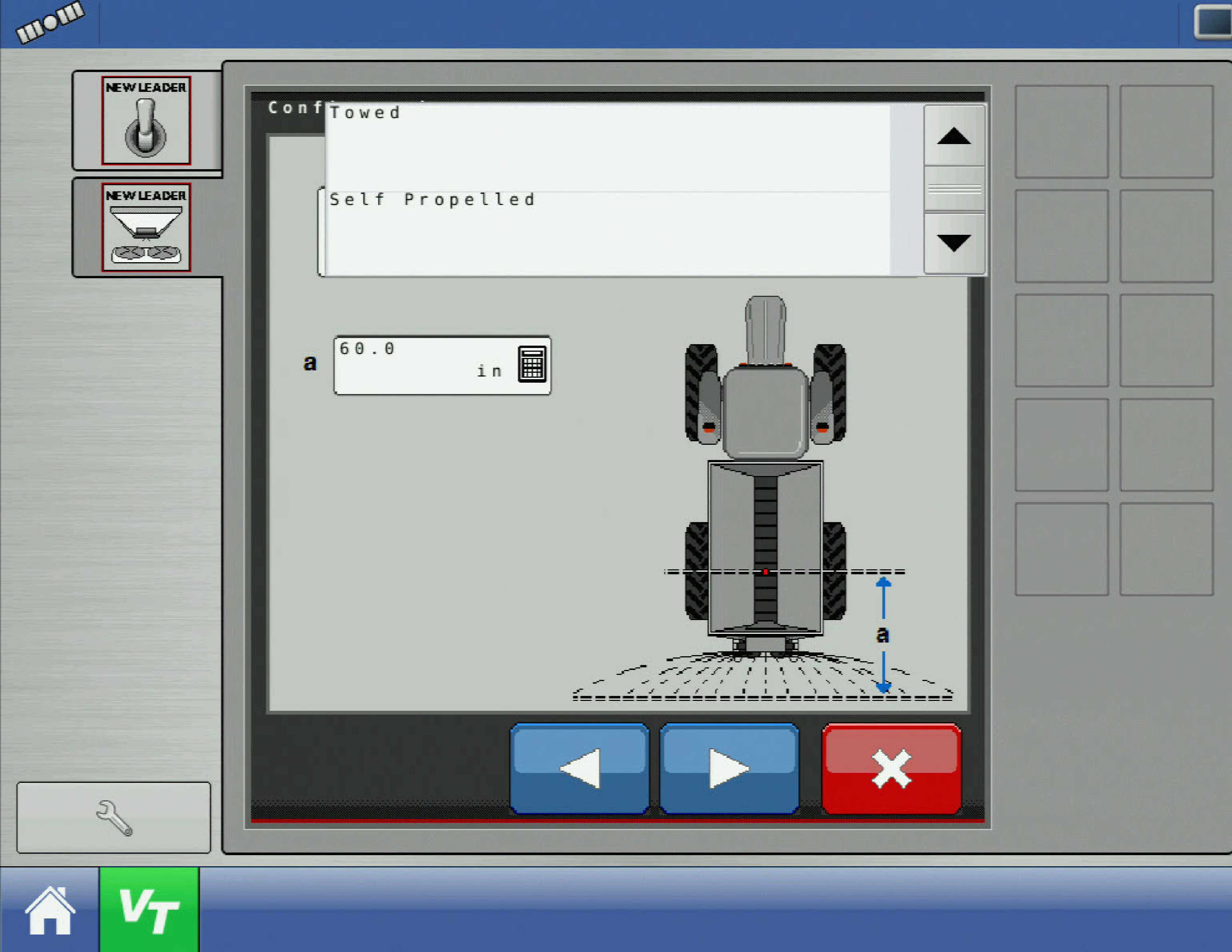

NEW LEADER
NEW LEADER
Configuration:
Main Bin
2120010419
System Pressure Installed?
Conveyor Pressure Installed?
0
psi
Min Pressure:
0
psi
5000
psi
Max Pressure:
5000
psi
1.0
V
Min Voltage:
1.0
V
5.0
V
Max Voltage:
5.0
V
VT

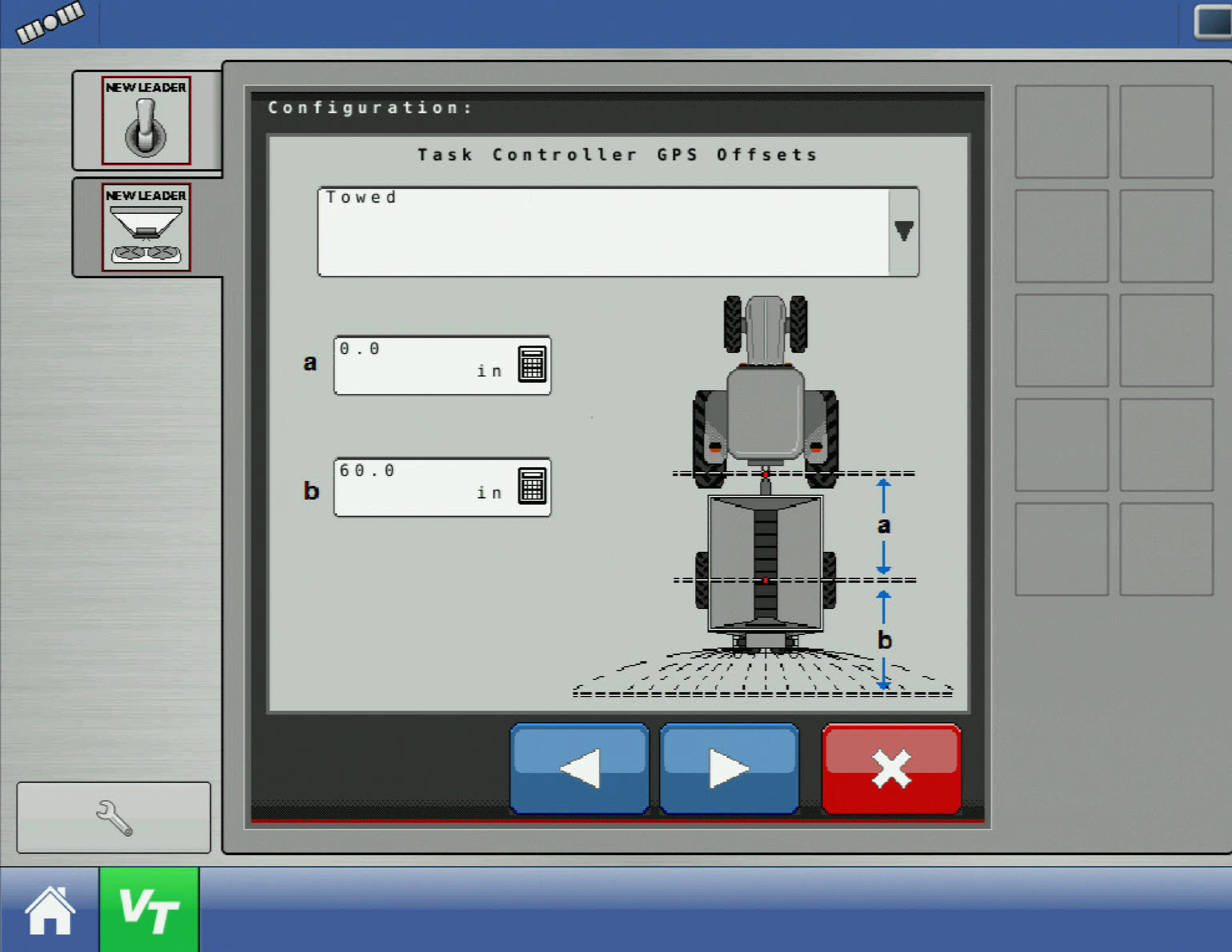

NEW LEADER
NEW LEADER
Configuration:
Insert Bin
2130010056
Conveyor Pressure Installed?
Min Pressure:
0
psi
Max Pressure:
5000
psi
Min Voltage:
1.0
V
Max Voltage:
5.0
V
VT

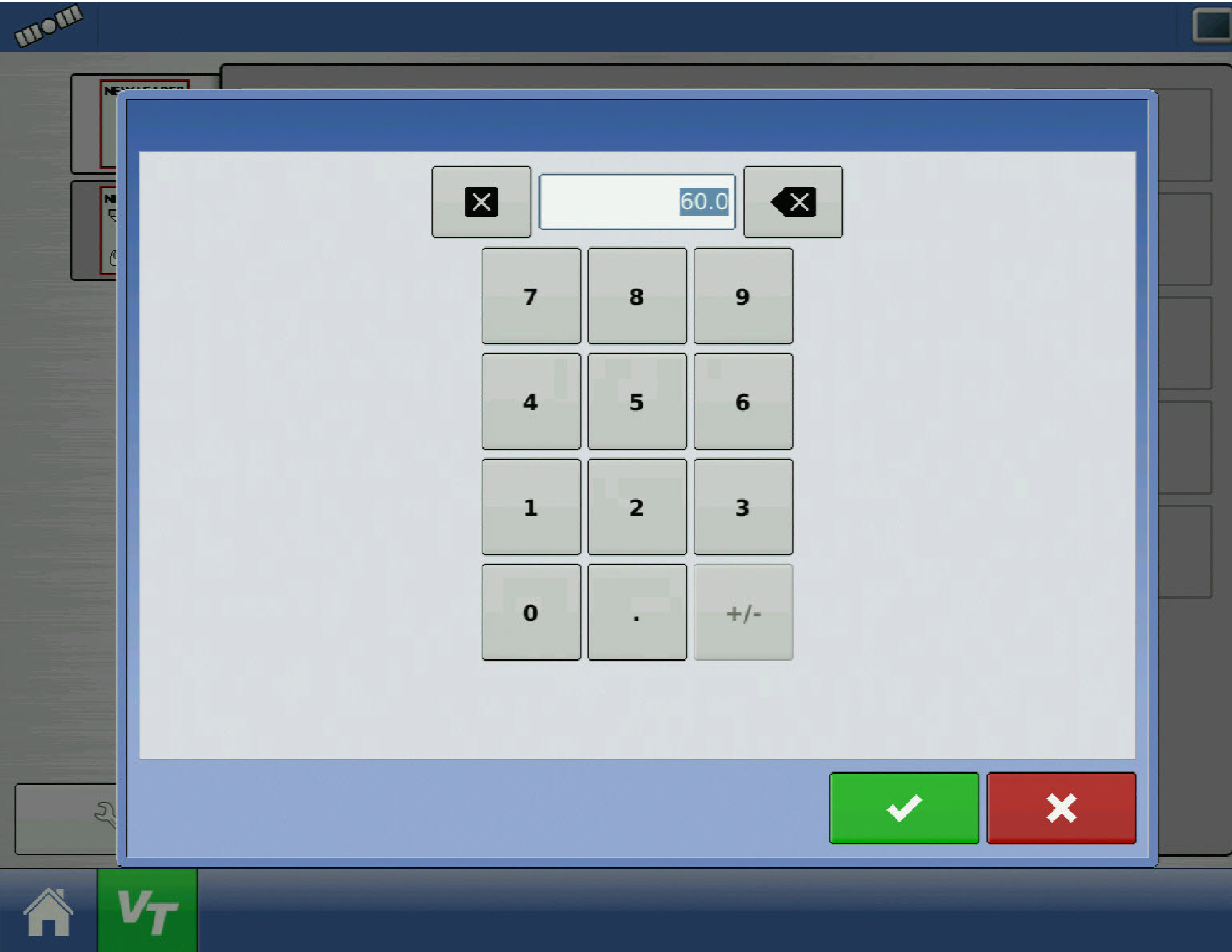

NEW LEADER
NEW LEADER
Configuration:
Insert Bin
2130010056
Conveyor
Pressure
Installed?
Min
Pressure:
0
psi
Max
Pressure:
5000
psi
Min Voltage:
1.0
V
Max Voltage:
5.0
V
VT

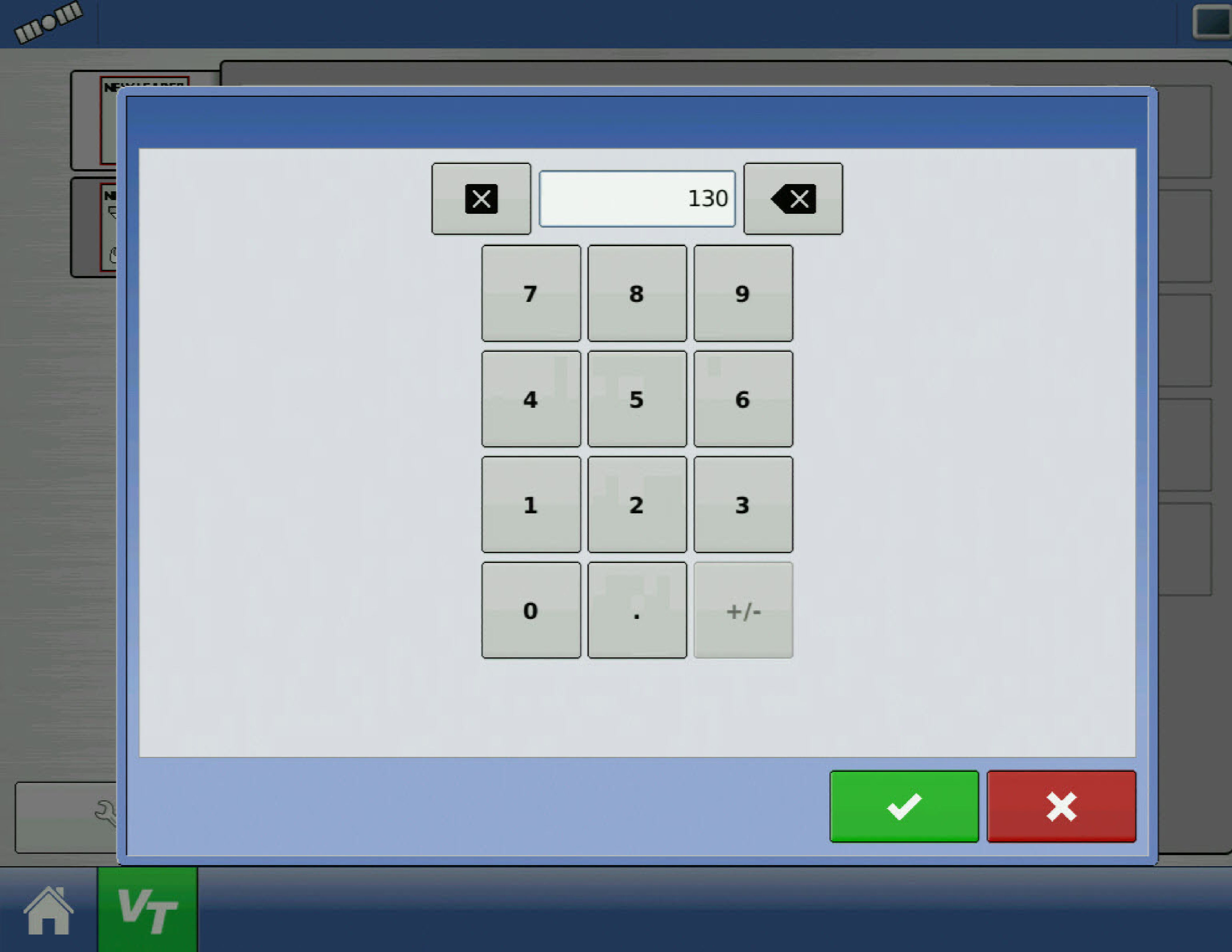

NEW LEADER
NEW LEADER
Configuration:
Insert Bin
2130010056
Name:
Insert Bin
Capacity:
150.0
ft^3
Low Bin Sensor Installed?
Feedgate Actuator Installed?
VT

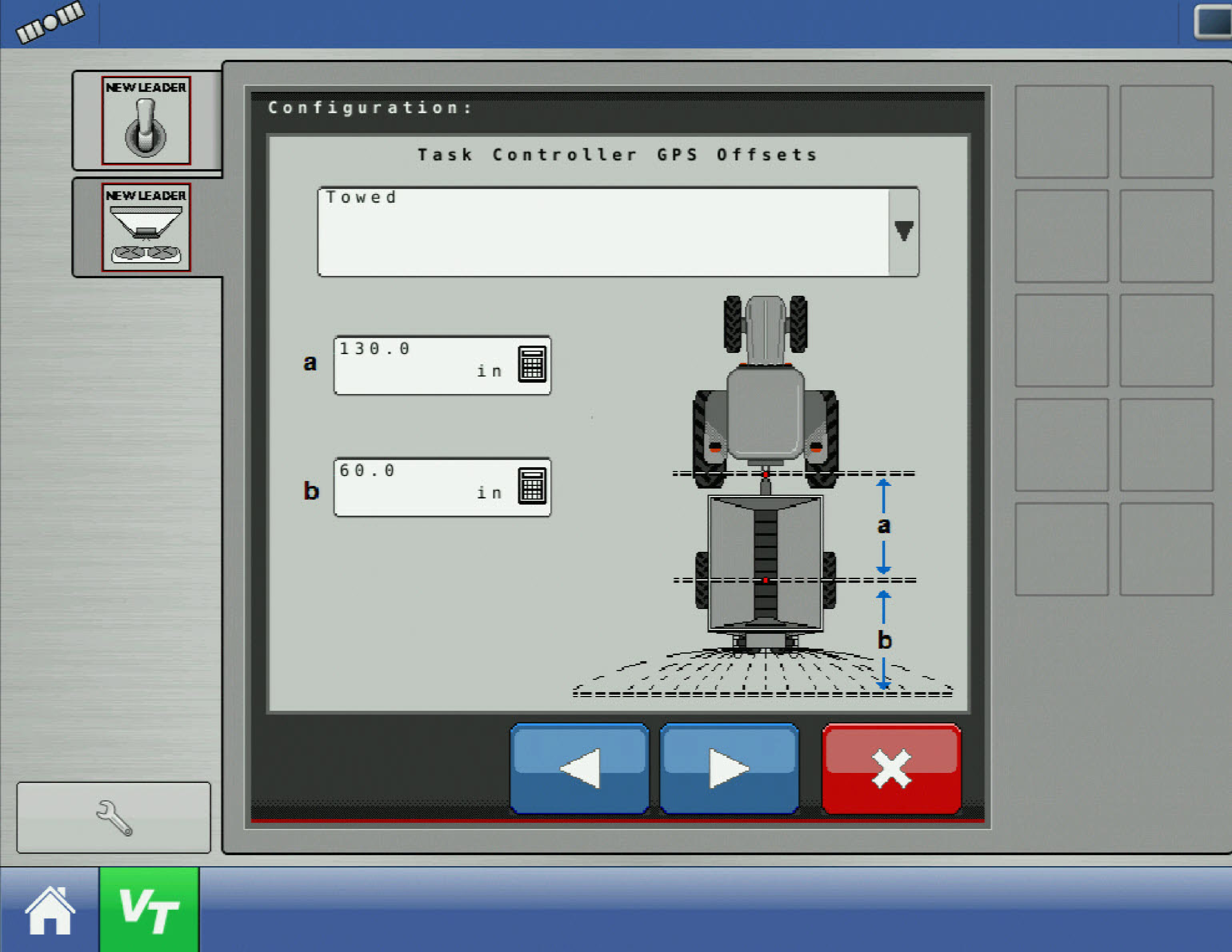

NEW LEADER
NEW LEADER
Configuration:
Task Controller GPS Offsets
Self Propelled
a
60.0
in
a
VT

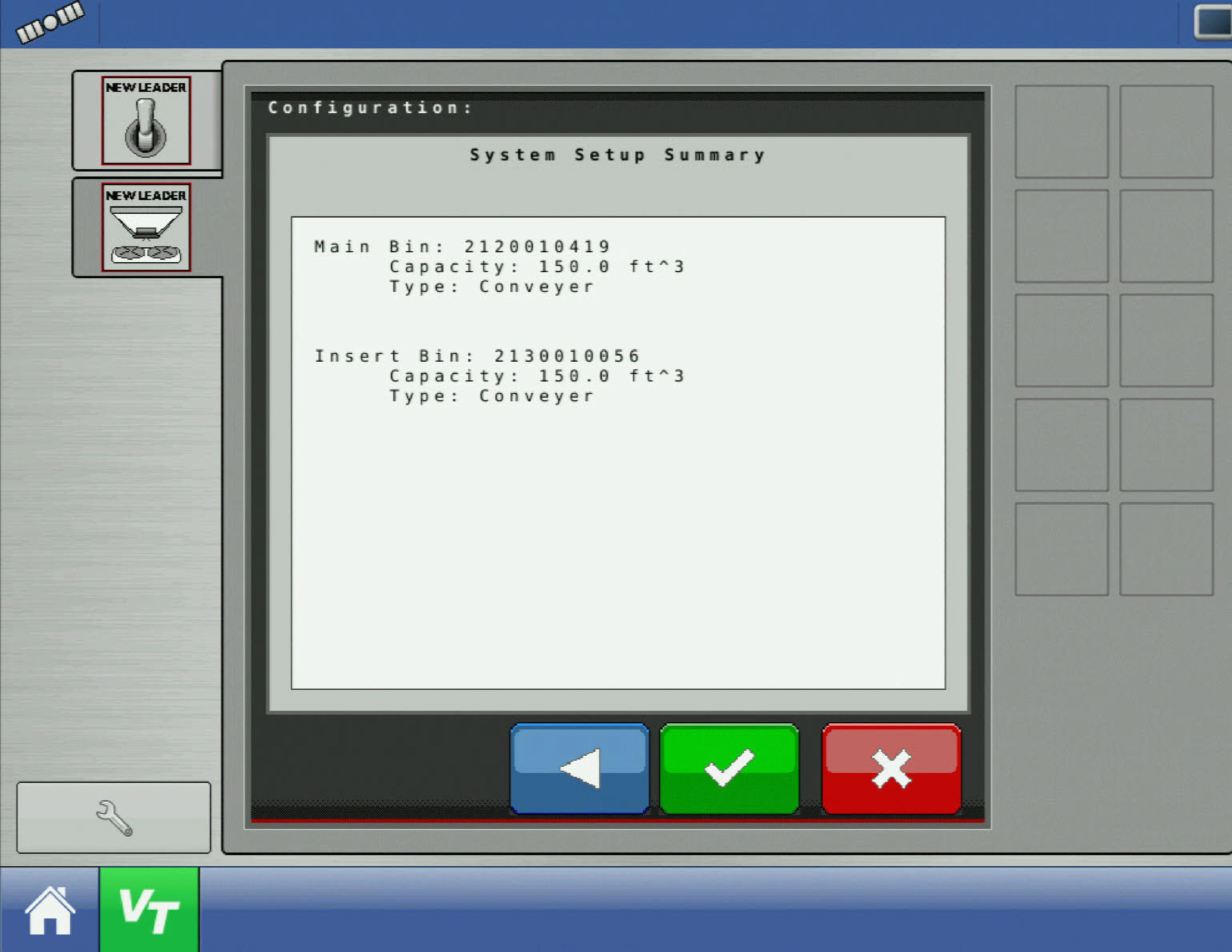

NEW LEADER
NEW LEADER
Towed
Self Propelled
a
60.0
in
a
VT

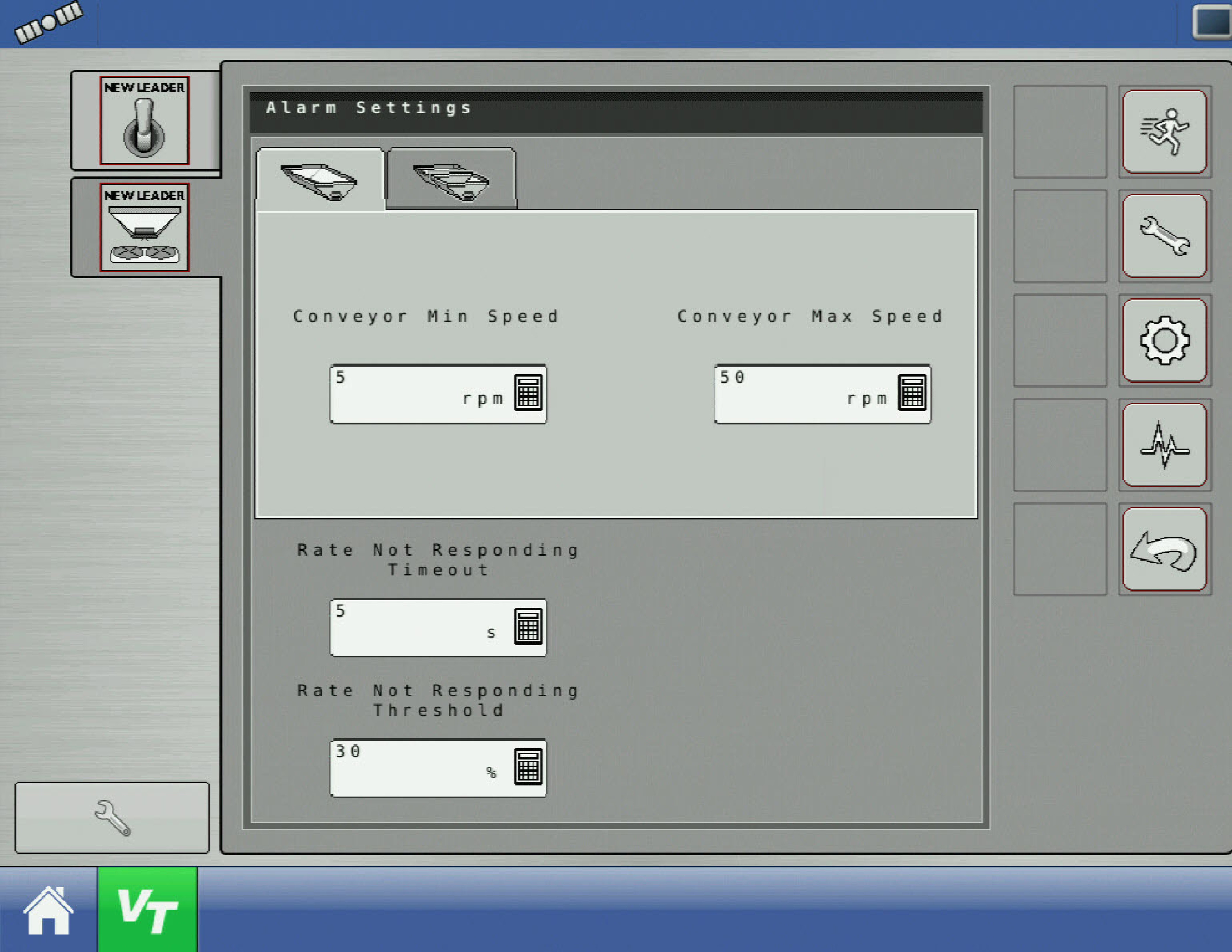

NEW LEADER
NEW LEADER
Configuration:
Task Controller GPS Offsets
Towed
a
0.0
in
b
60.0
in
a
b
VT

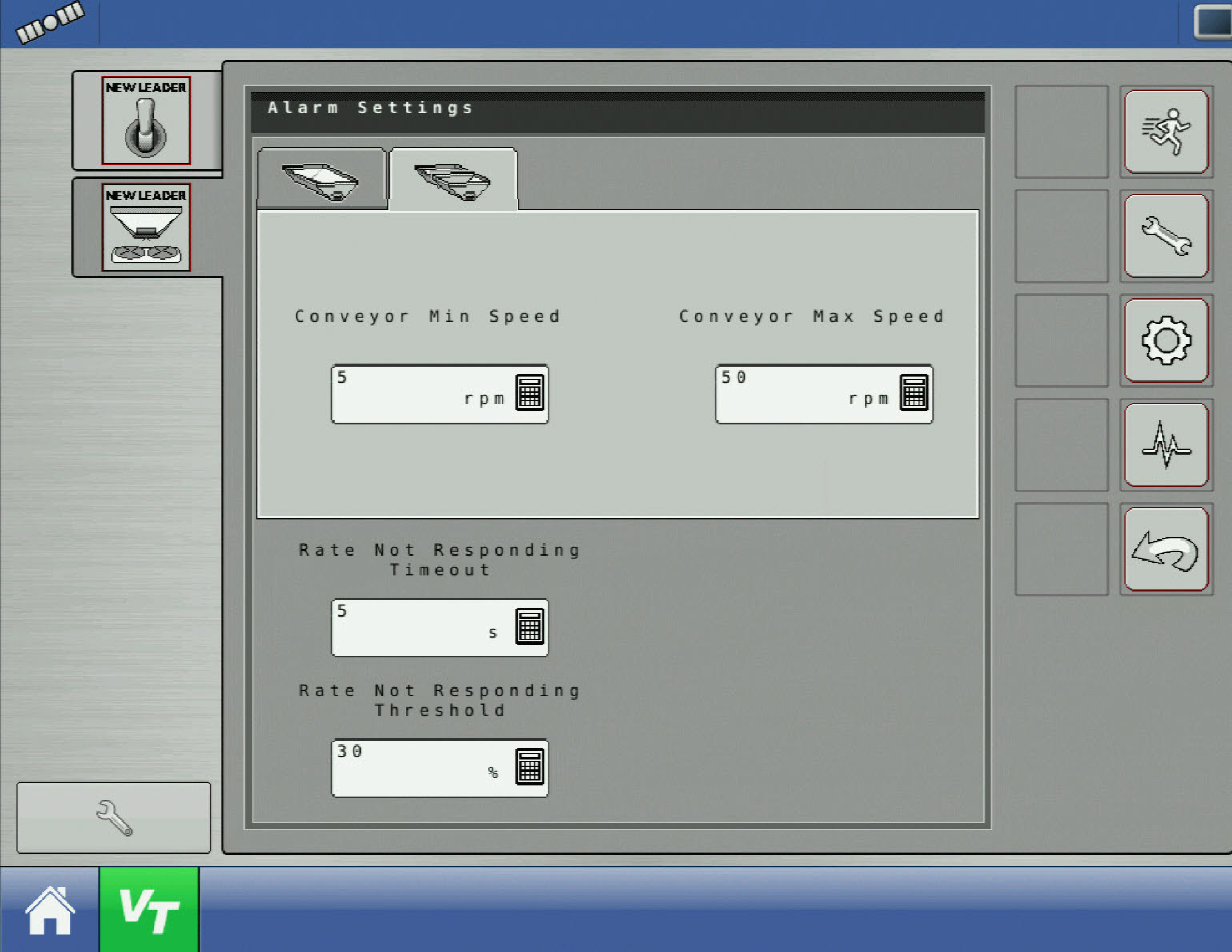

60.0
7
8
9
4
5
6
1
2
3
0
.
+/-
VT

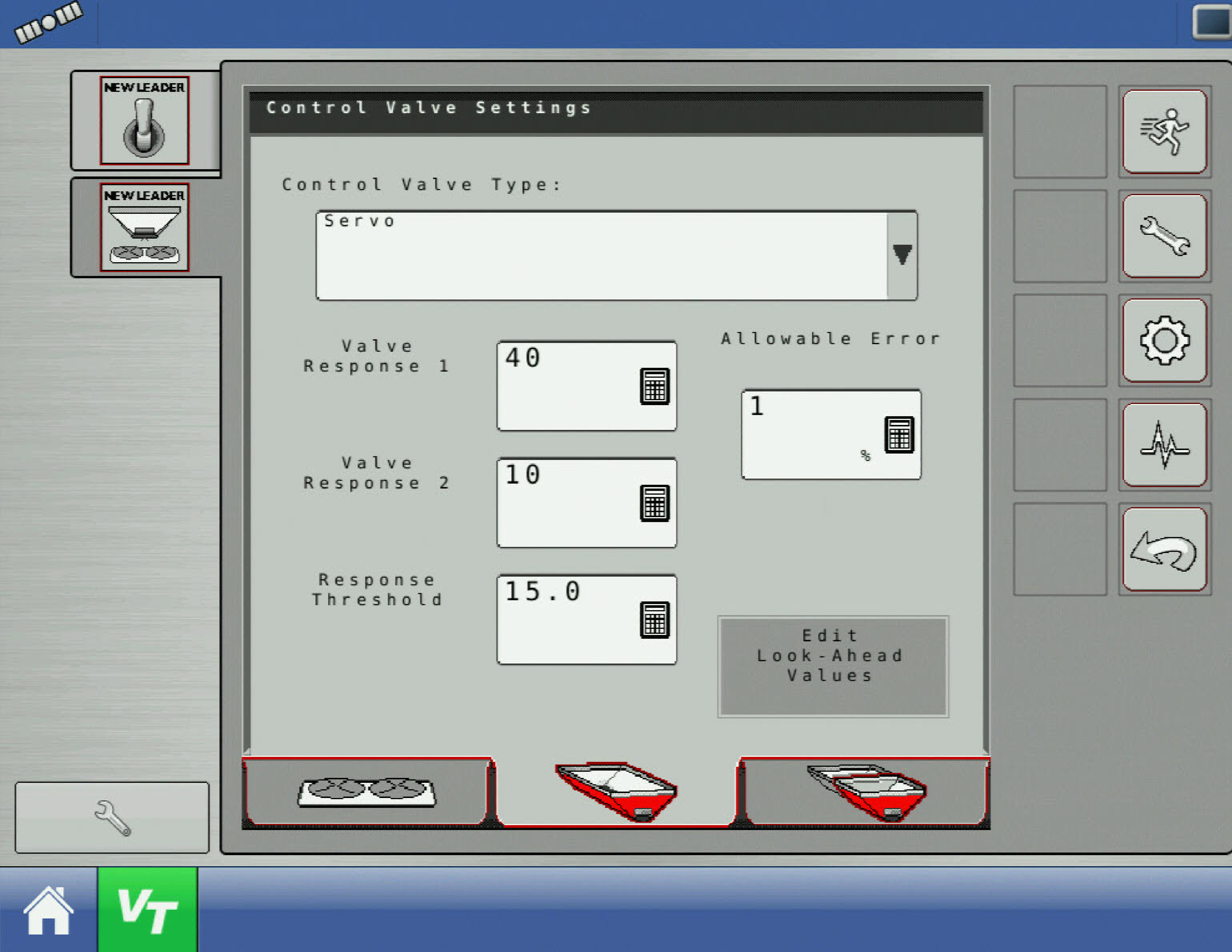

130
7
8
9
4
5
6
1
2
3
0
.
+/-
VT

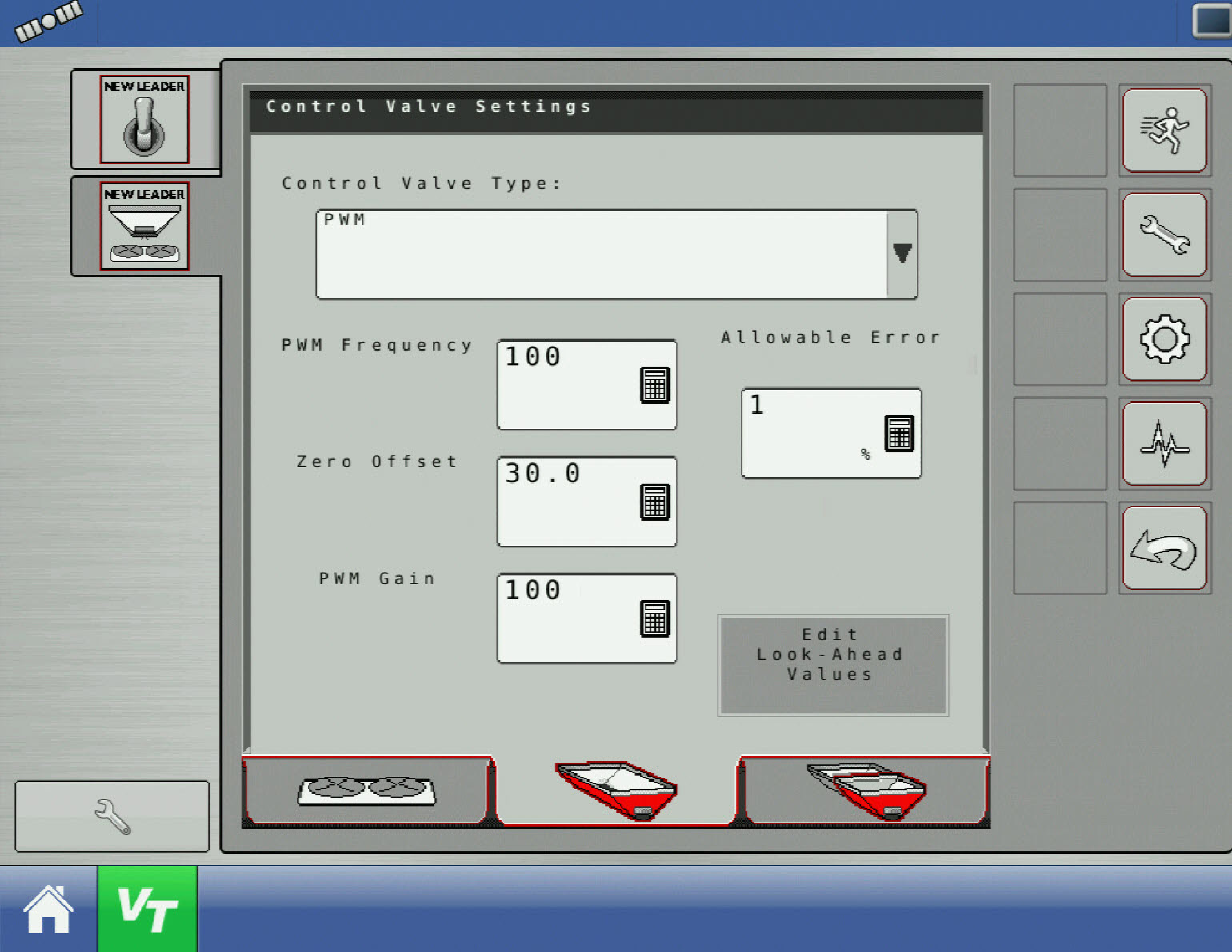

NEW LEADER
NEW LEADER
Configuration:
Task Controller GPS Offsets
Towed
a
130.0
in
b
60.0
in
a
b
VT

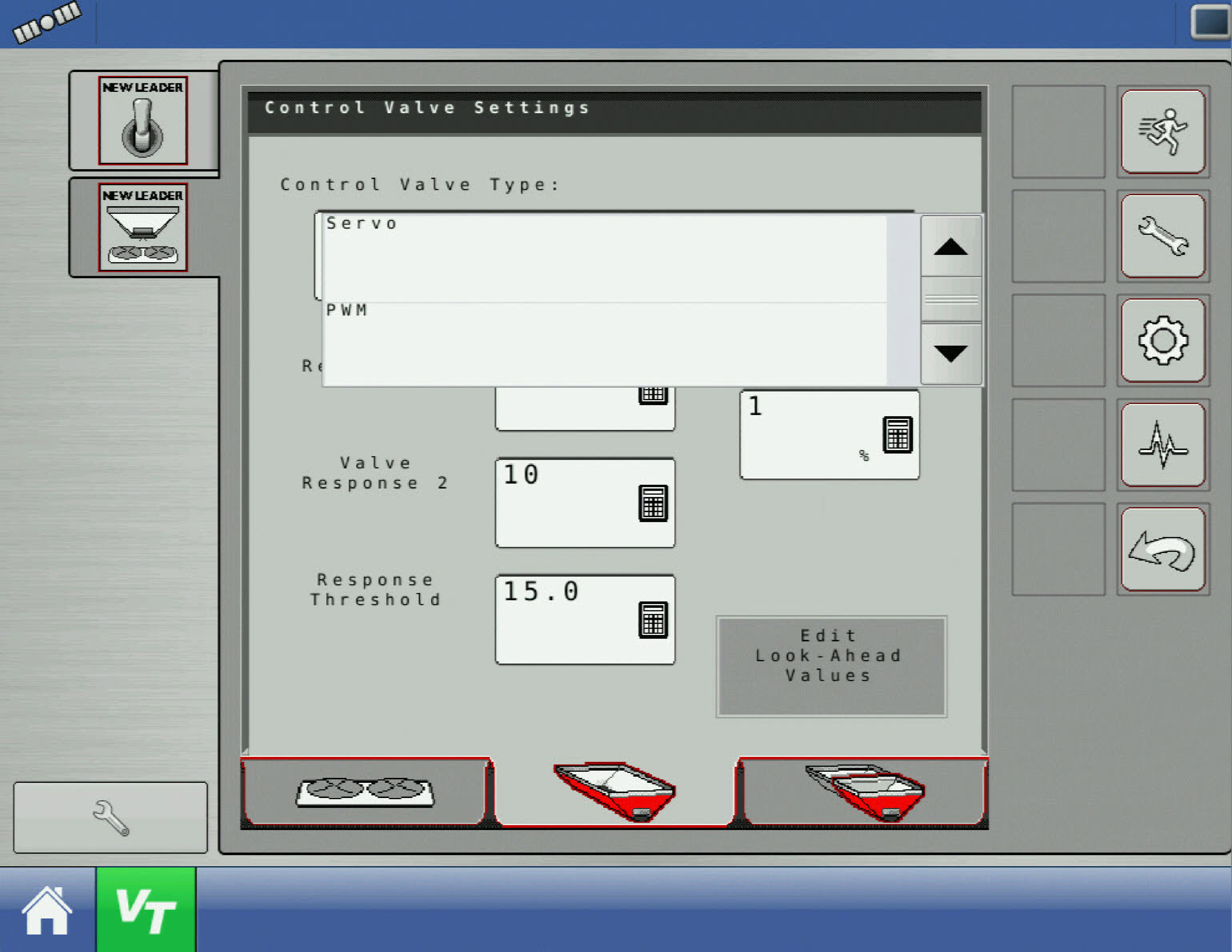

NEW LEADER
NEW LEADER
Configuration:
System Setup Summary
Main Bin: 2120010419
Capacity: 150.0 ft^3
Type: Conveyer
Insert Bin: 2130010056
Capacity: 150.0 ft^3
Type: Conveyer
VT


NEW LEADER
NEW LEADER
Alarm Settings
Conveyor Min Speed
5
rpm
Conveyor Max Speed
50
rpm
Rate Not Responding Timeout
5
s
Rate Not Responding Threshold
30
%
VT

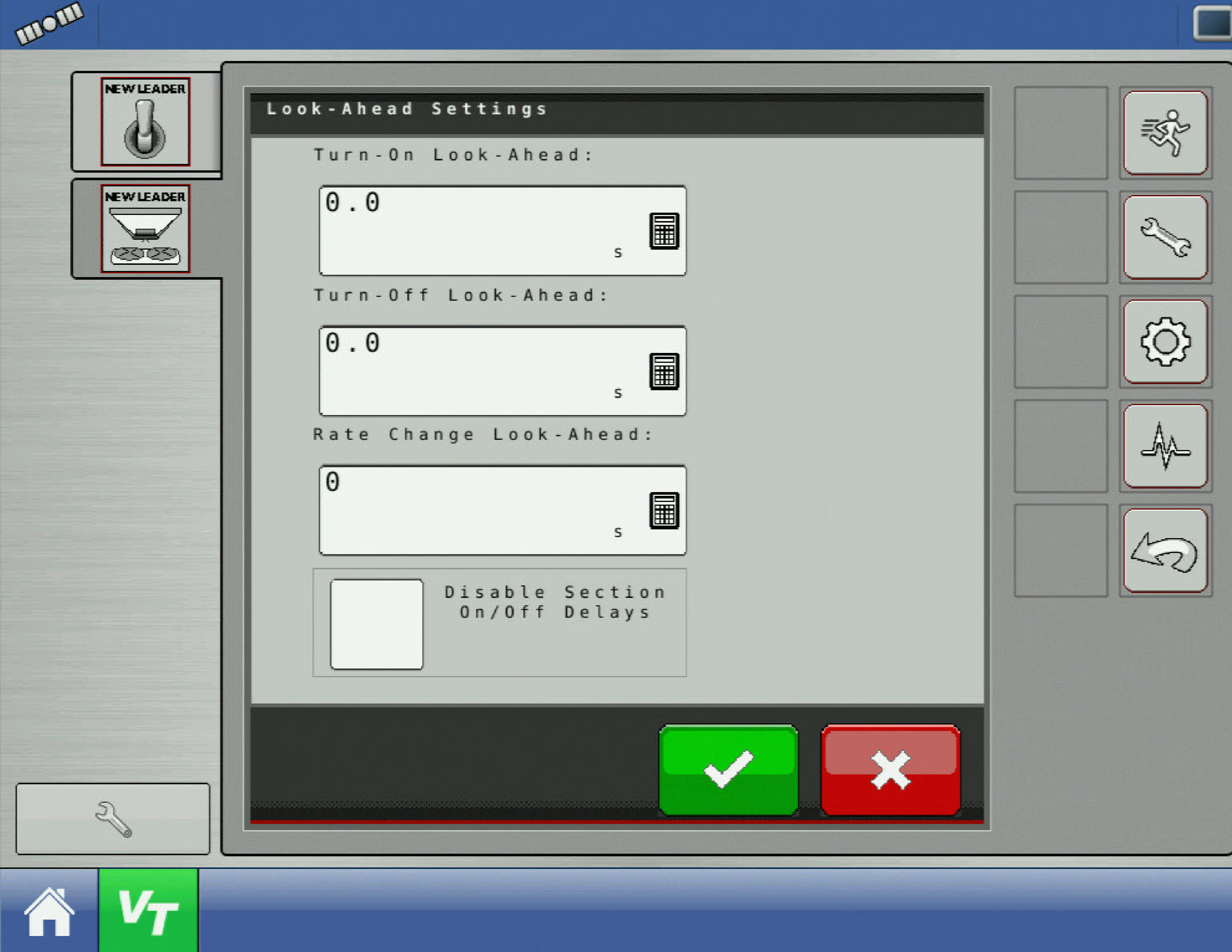

NEW LEADER
NEW LEADER
Alarm Settings
Conveyor Min Speed
5
rpm
Conveyor Max Speed
50
rpm
Rate Not Responding Timeout
5
s
Rate Not Responding Threshold
30
%
VT

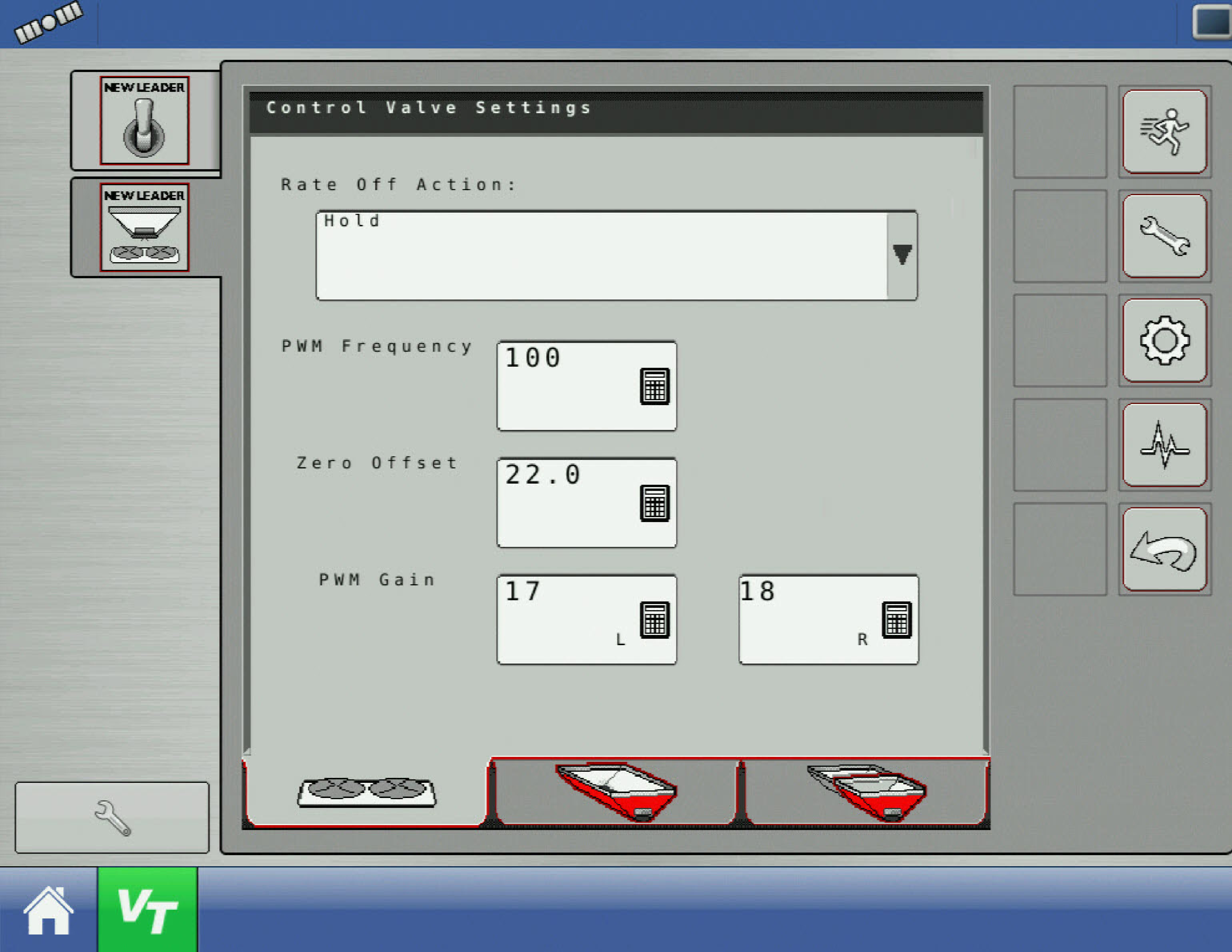

NEW LEADER
NEW LEADER
Control Valve Settings
Control Valve Type:
Servo
Valve Response 1
40
Valve Response 2
10
Response Threshold
15.0
Allowable Error
1
%
Edit Look-Ahead Values
VT

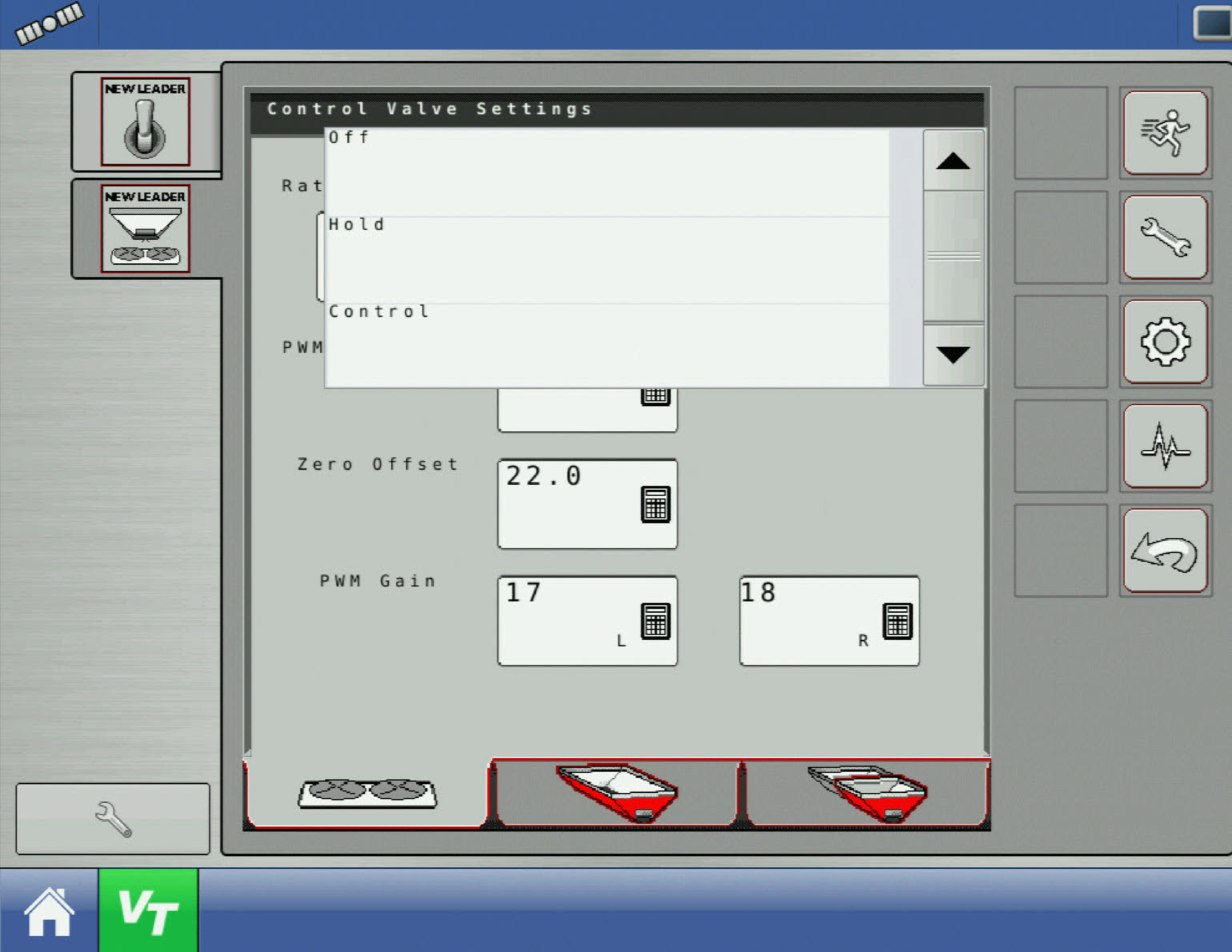

NEW LEADER
NEW LEADER
Control Valve Settings
Control Valve Type:
PWM
PWM Frequency
100
Allowable Error
1
%
Zero Offset
30.0
PWM Gain
100
Edit
Look-Ahead
Values
VT

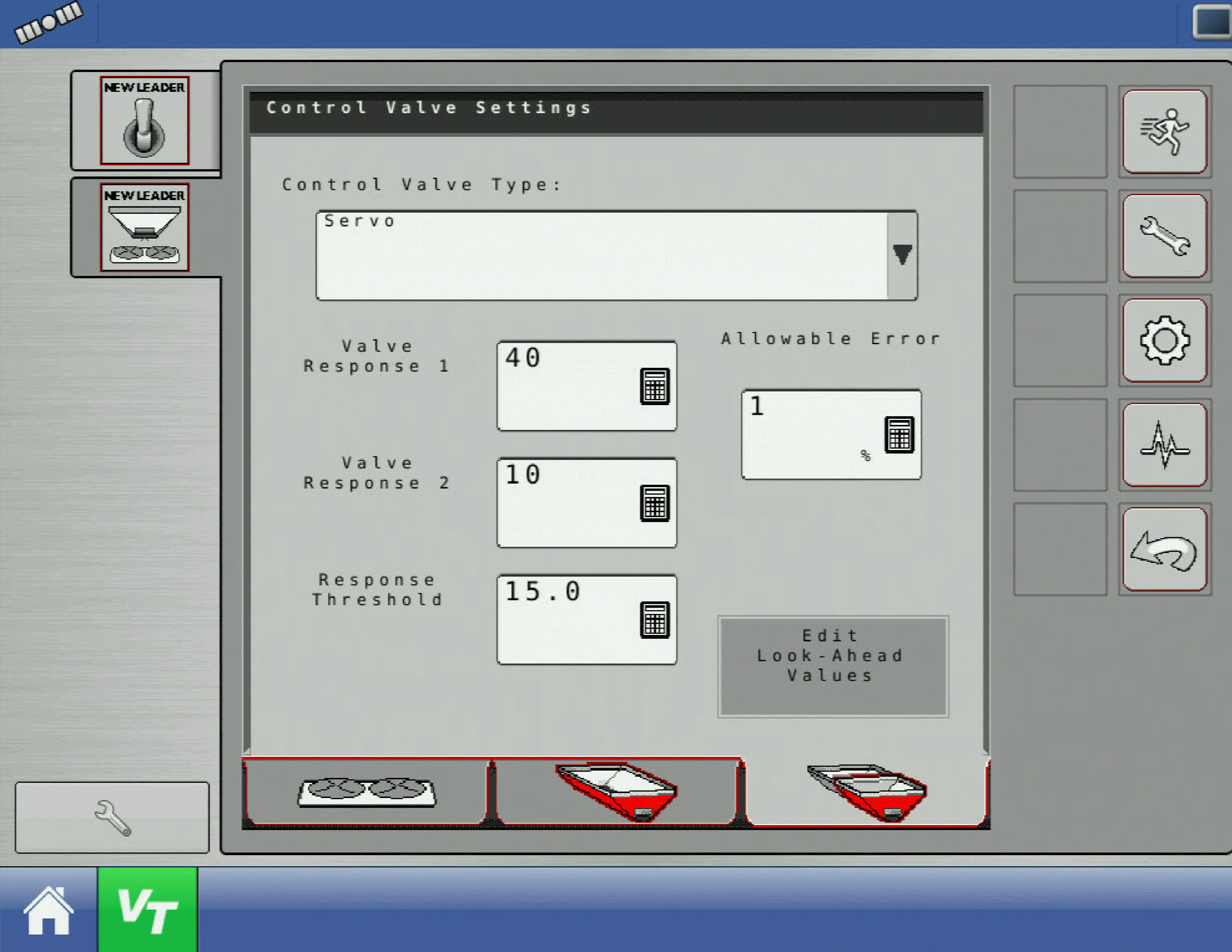


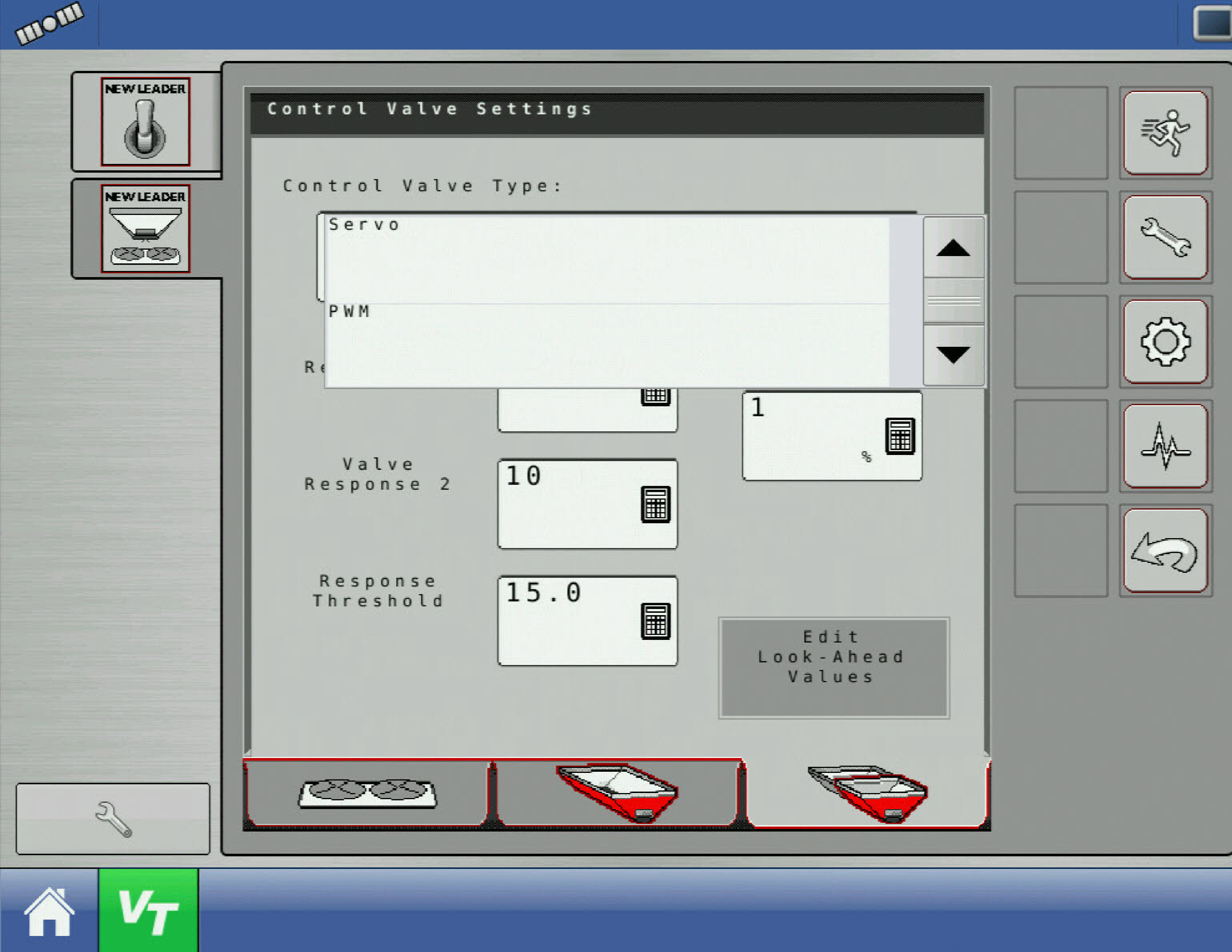
NEW LEADER
NEW LEADER
Control Valve Settings
Control Valve Type:
Servo
PWM
Re
1
%
Valve Response 2
10
Response Threshold
15.0
Edit Look-Ahead Values
VT

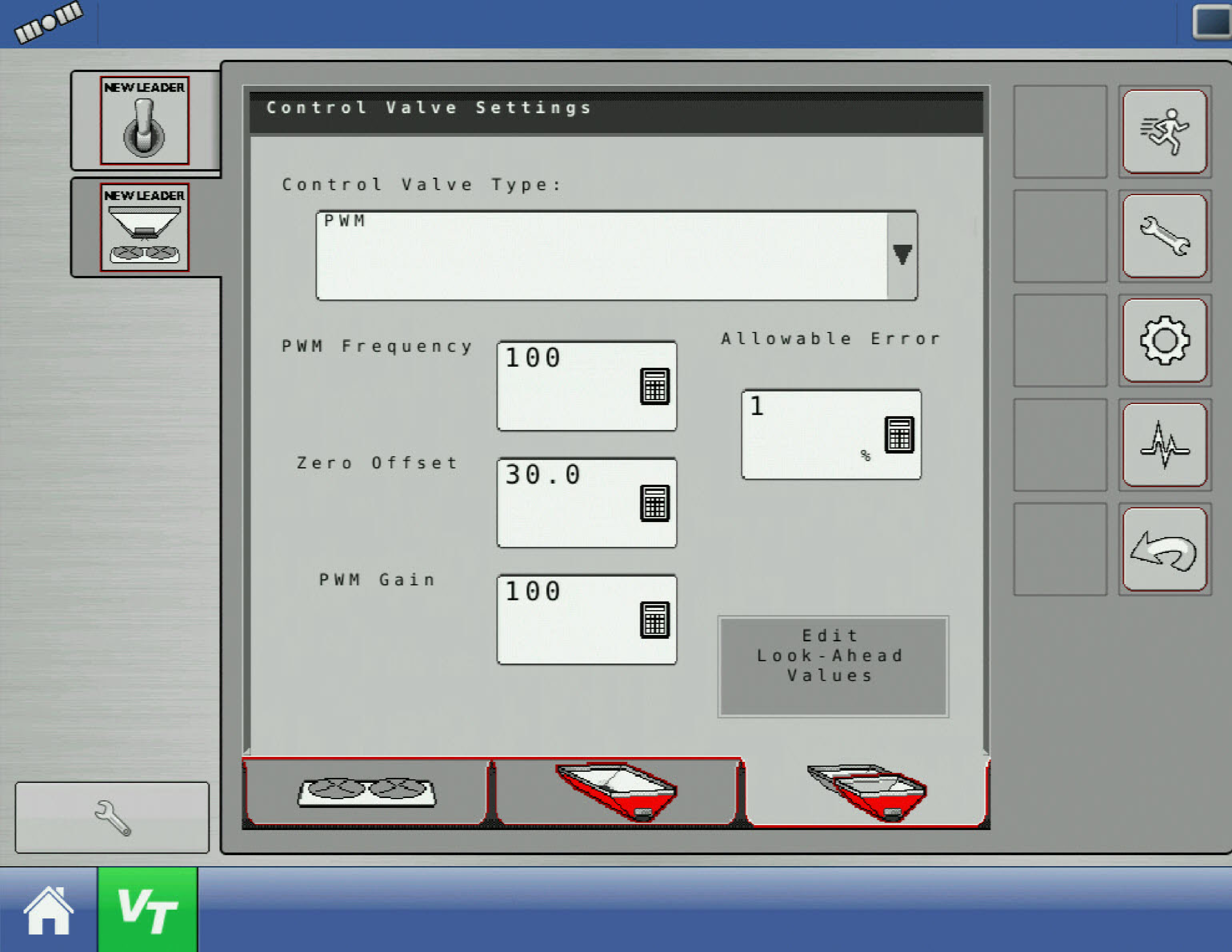

NEW LEADER
NEW LEADER
Look-Ahead Settings
Turn-On Look-Ahead:
0.0
s
Turn-Off Look-Ahead:
0.0
s
Rate Change Look-Ahead:
0
s
Disable Section On/Off Delays
VT

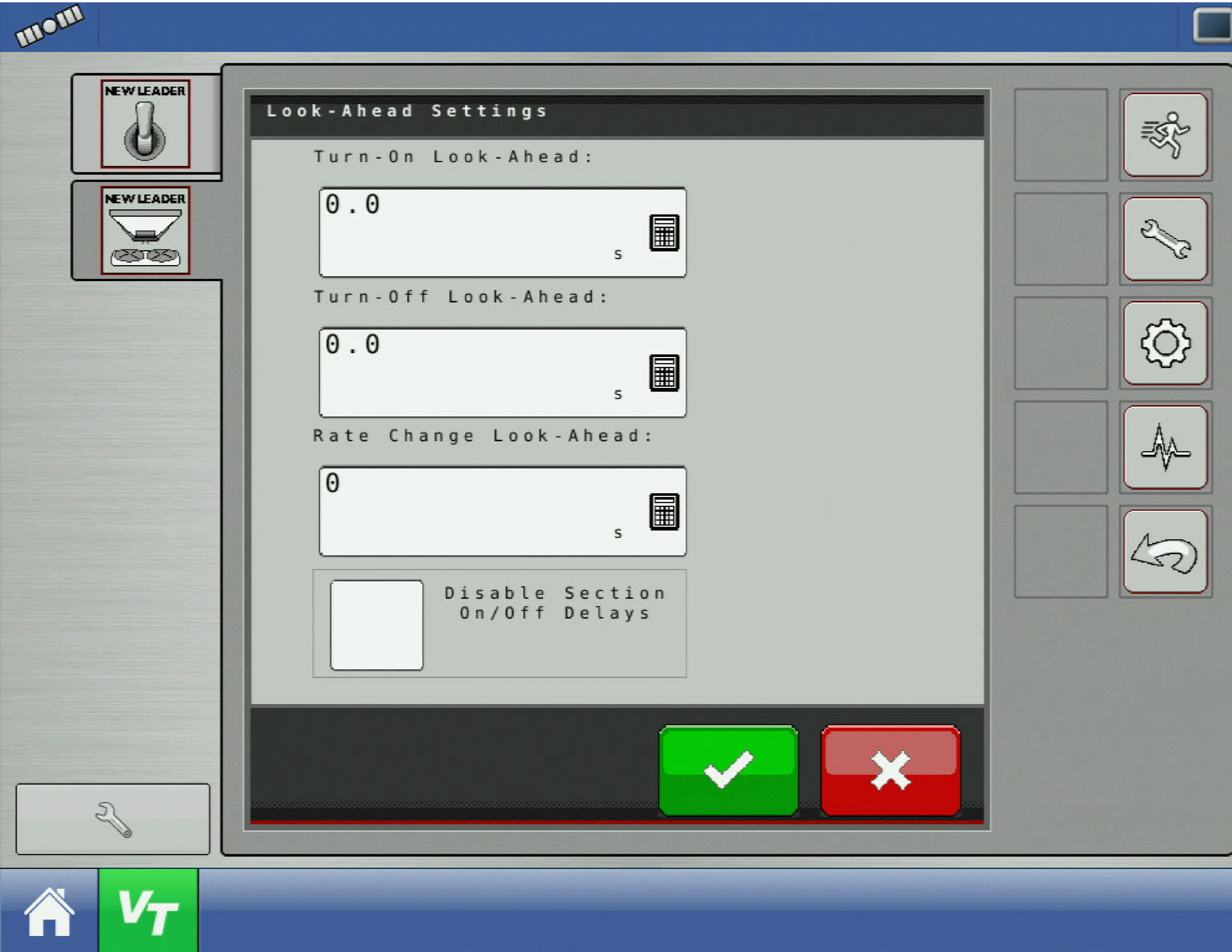

NEW LEADER
NEW LEADER
Control Valve Settings
Rate Off Action:
Hold
PWM Frequency
100
Zero Offset
22.0
PWM Gain
17
L
18
R
VT


NEW LEADER
NEW LEADER
Control Valve Settings
Off
Rat
Hold
Control
PWM
Zero Offset
22.0
PWM Gain
17
L
18
R
VT

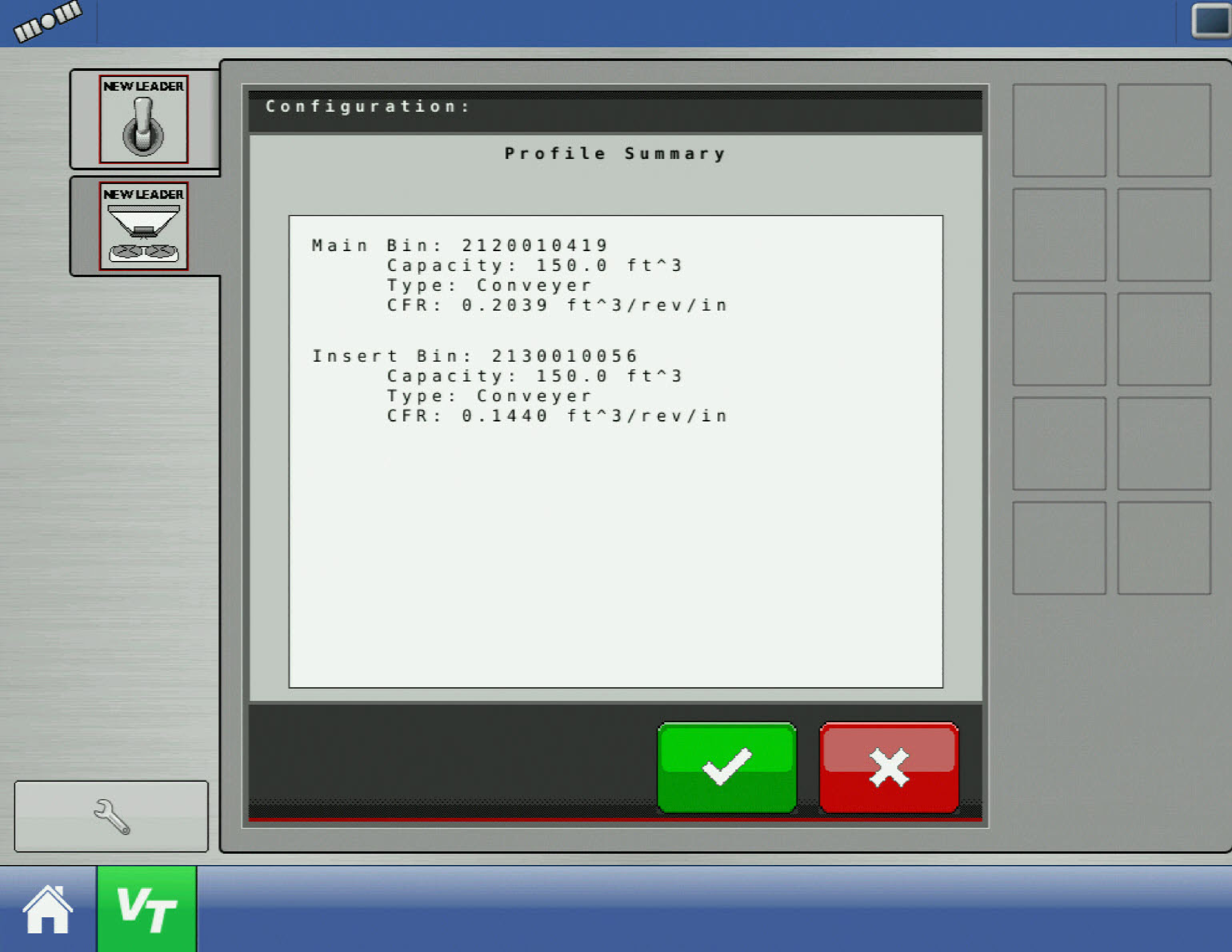

NEW LEADER
NEW LEADER
Control Valve Settings
Control Valve Type:
Servo
Valve Response 1
40
Valve Response 2
10
Response Threshold
15.0
Allowable Error
1
%
Edit Look-Ahead Values
VT

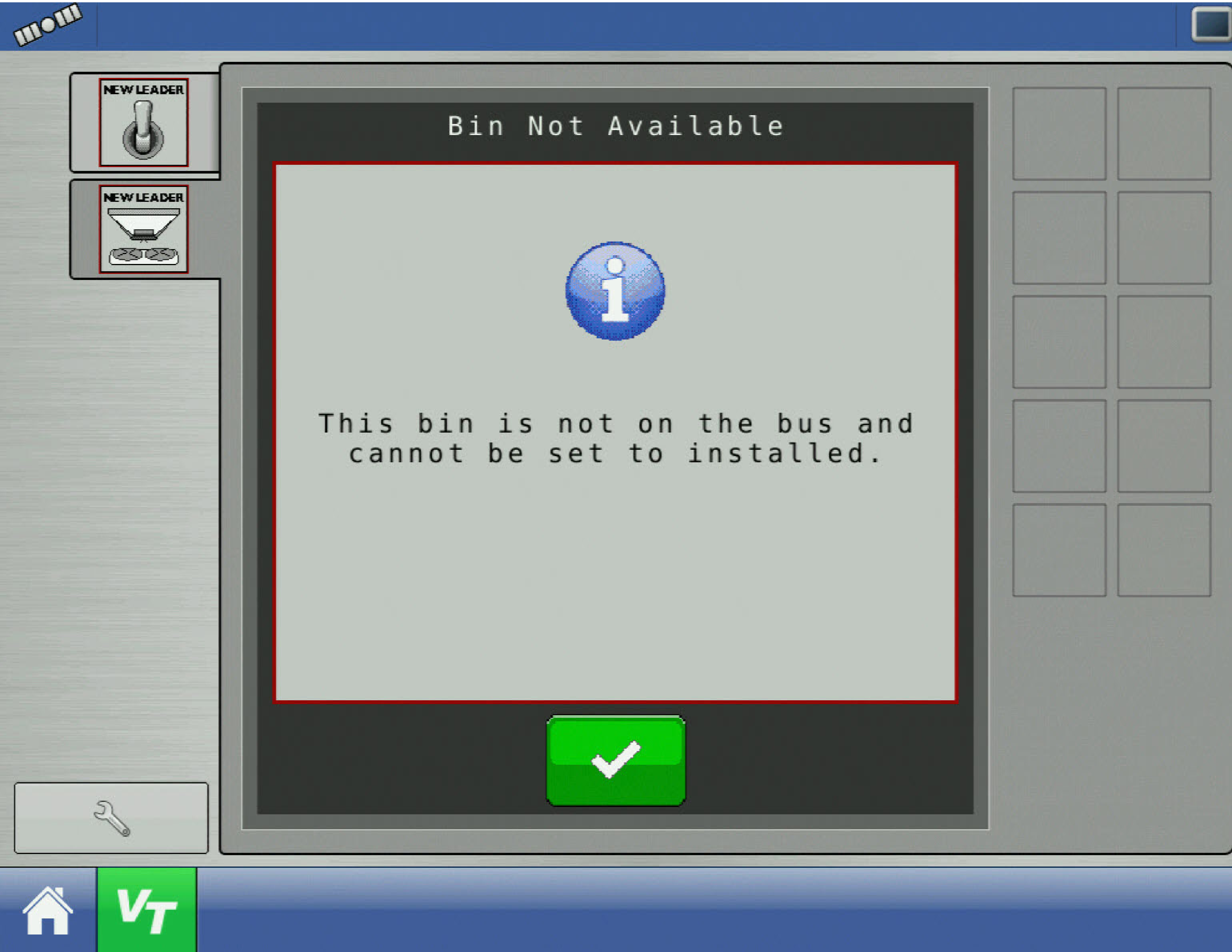

NEW LEADER
NEW LEADER
Control Valve Settings
Control Valve Type:
Servo
PWM
Re
Valve
Response 2
10
Response
Threshold
15.0
1
%
Edit
Look-Ahead
Values
VT

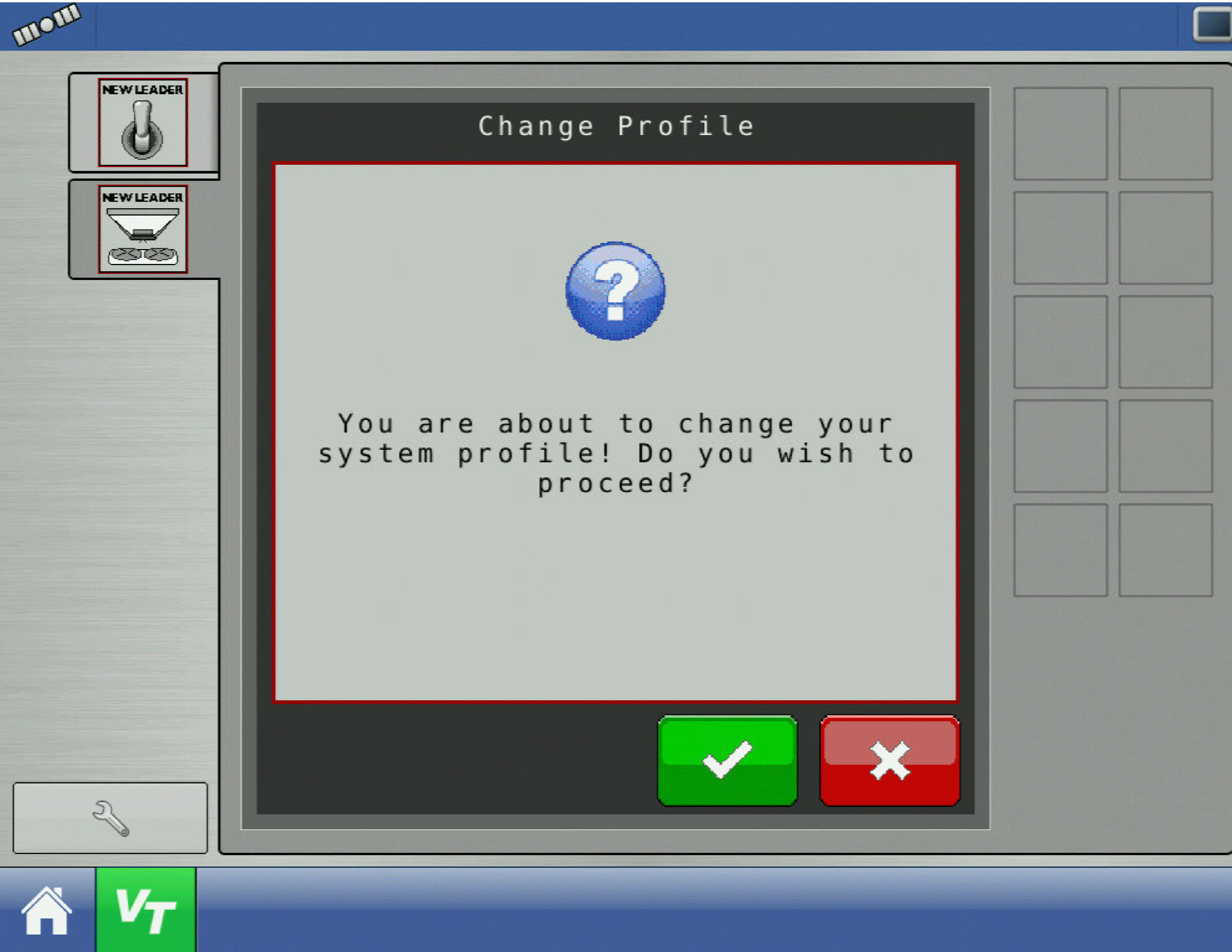

NEW LEADER
NEW LEADER
Control Valve Settings
Control Valve Type:
PWM
PWM Frequency
100
Allowable Error
1
%
Zero Offset
30.0
PWM Gain
100
Edit
Look-Ahead
Values
VT

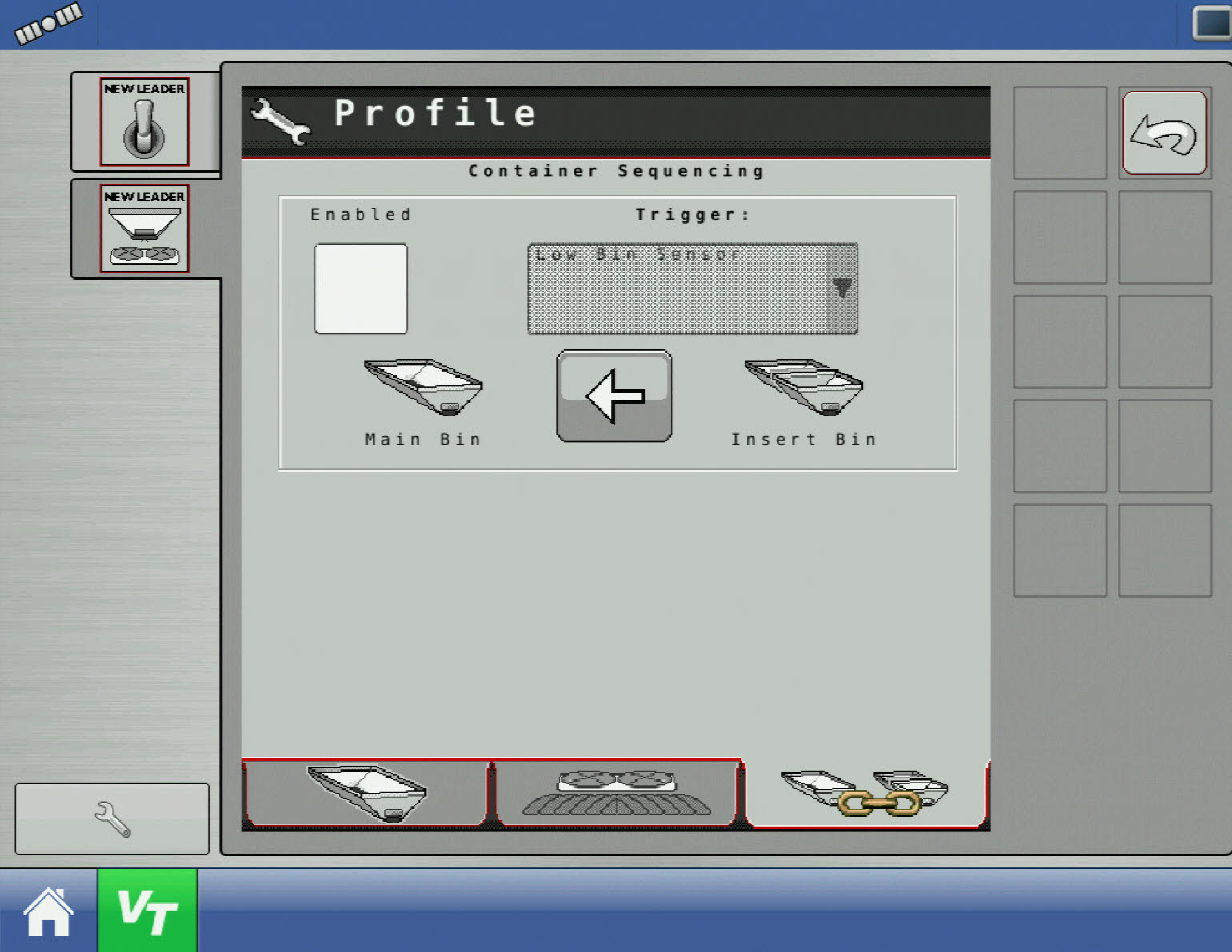

NEW LEADER
NEW LEADER
Look-Ahead Settings
Turn-On Look-Ahead:
0.0
s
Turn-Off Look-Ahead:
0.0
s
Rate Change Look-Ahead:
0
s
Disable Section
On/Off Delays
VT

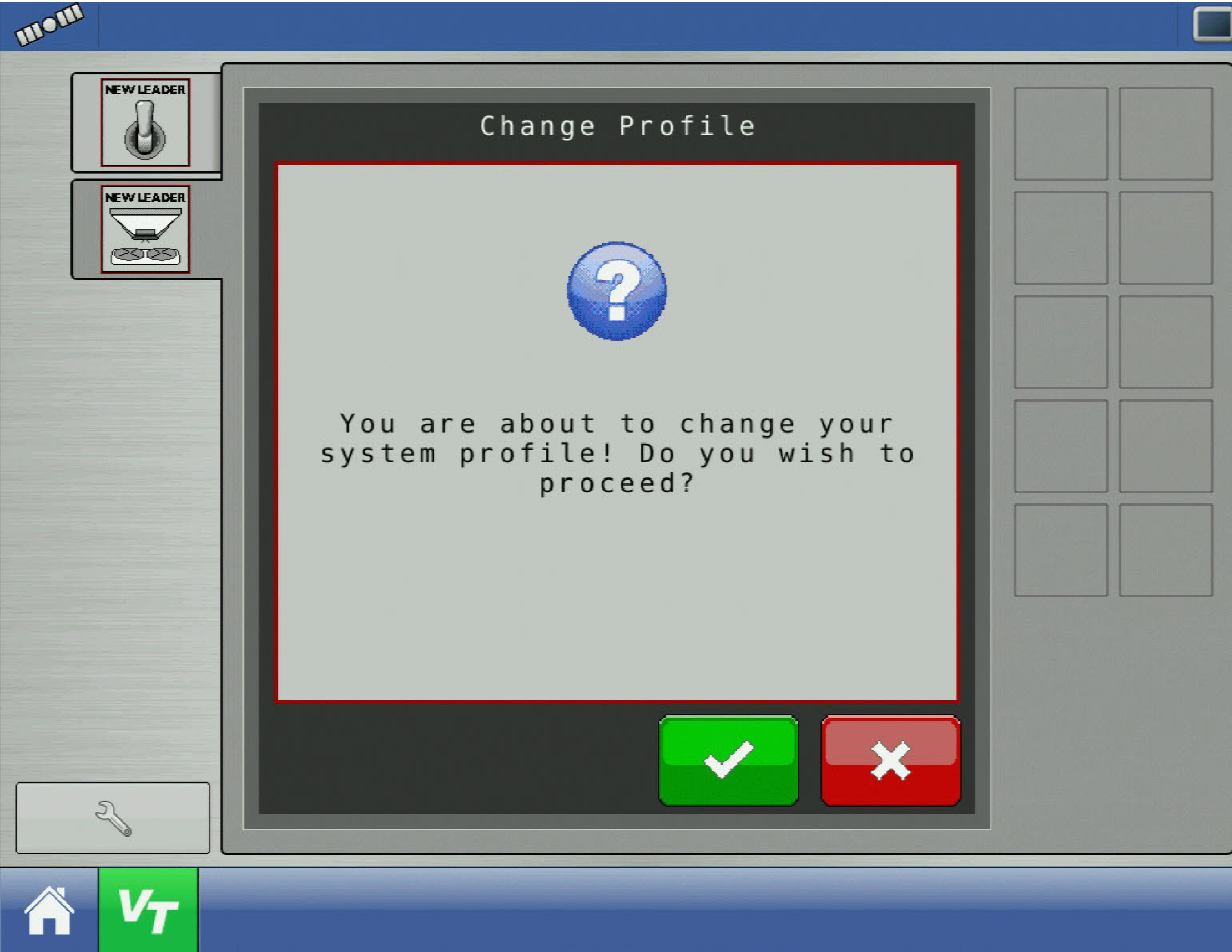

NEW LEADER
NEW LEADER
Profile
Install
Enable
Main Bin
Insert Bin
1
Micro Bin 1
2
Micro Bin 2
View Summary
VT

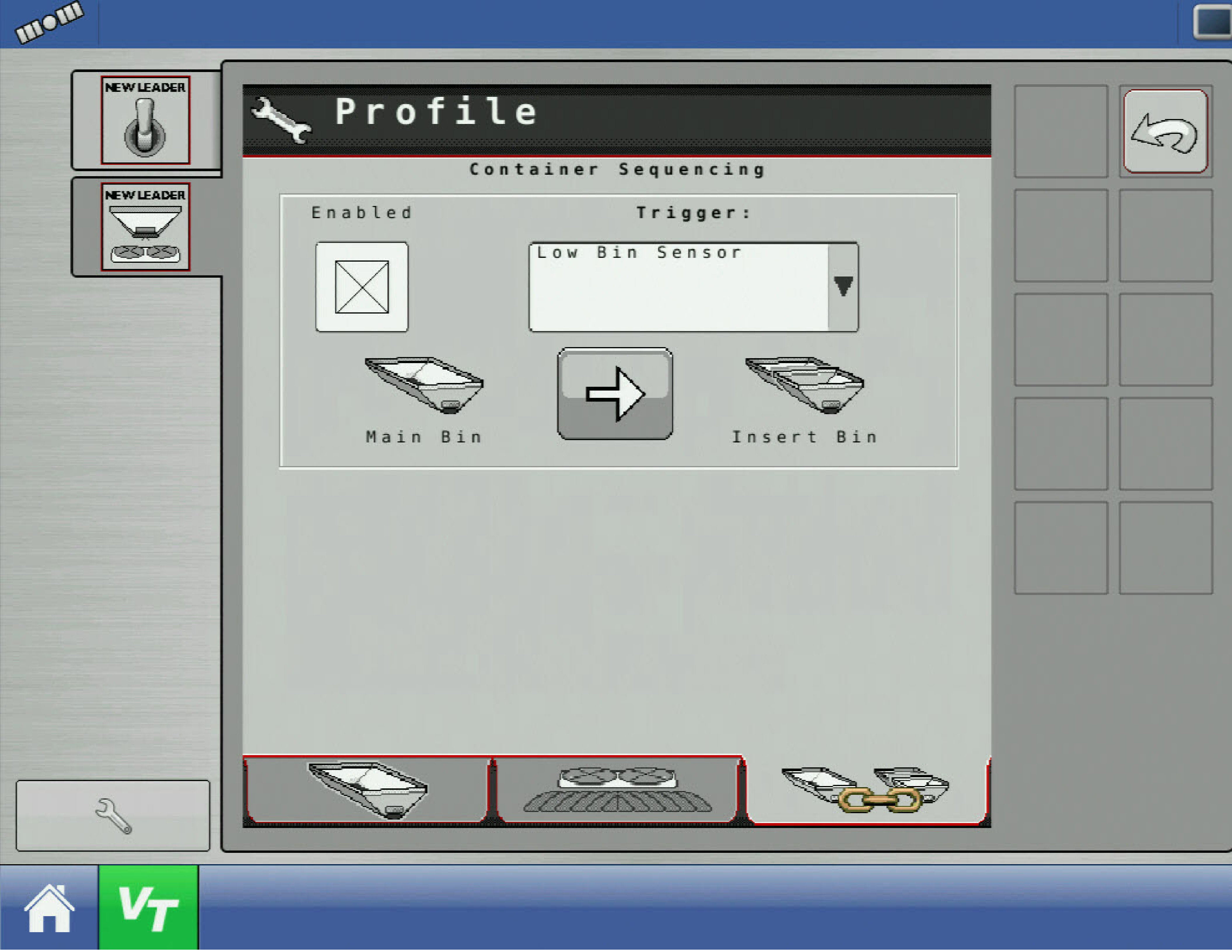

NEW LEADER
NEW LEADER
Configuration:
Profile Summary
Main Bin: 2120010419
Capacity: 150.0 ft^3
Type: Conveyer
CFR: 0.2039 ft^3/rev/in
Insert Bin: 2130010056
Capacity: 150.0 ft^3
Type: Conveyer
CFR: 0.1440 ft^3/rev/in
VT

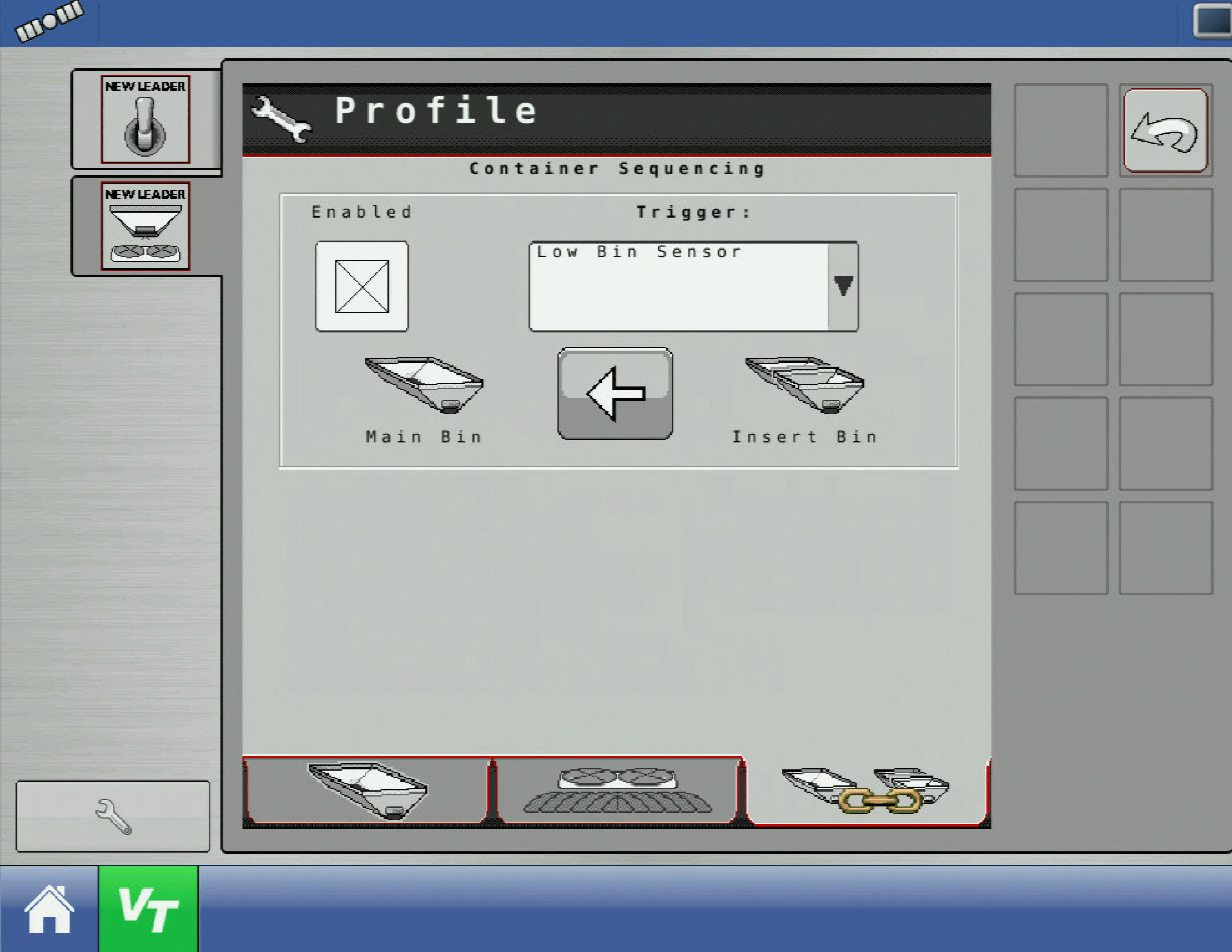

NEW LEADER
NEW LEADER
Bin Not Available
This bin is not on the bus and cannot be set to installed.

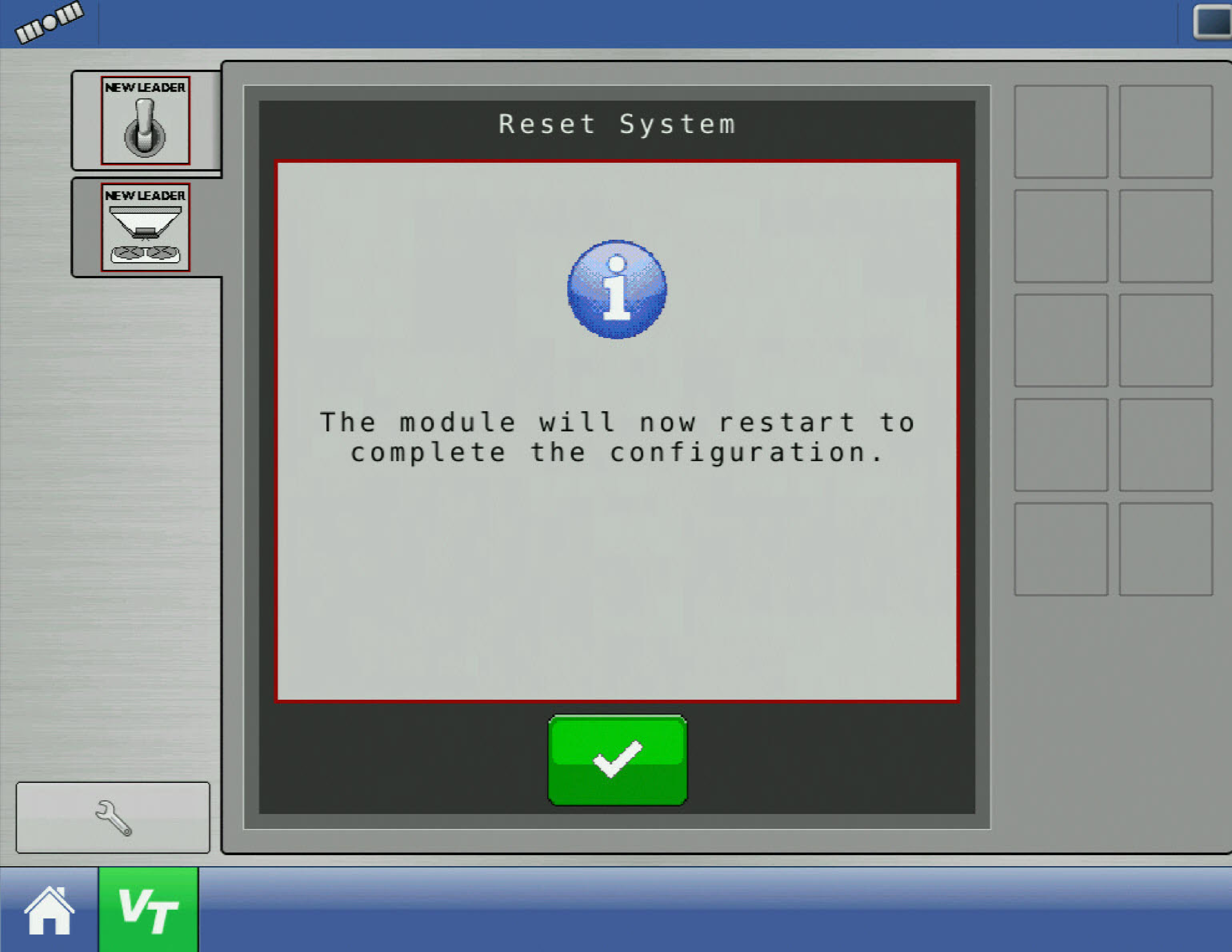

NEW LEADER
NEW LEADER
Change Profile
You are about to change your system profile! Do you wish to proceed?
VT


NEW LEADER
NEW LEADER
Profile
Container Sequencing
Enabled
Trigger:
Low Bin Sensor
Main Bin
Insert Bin
VT

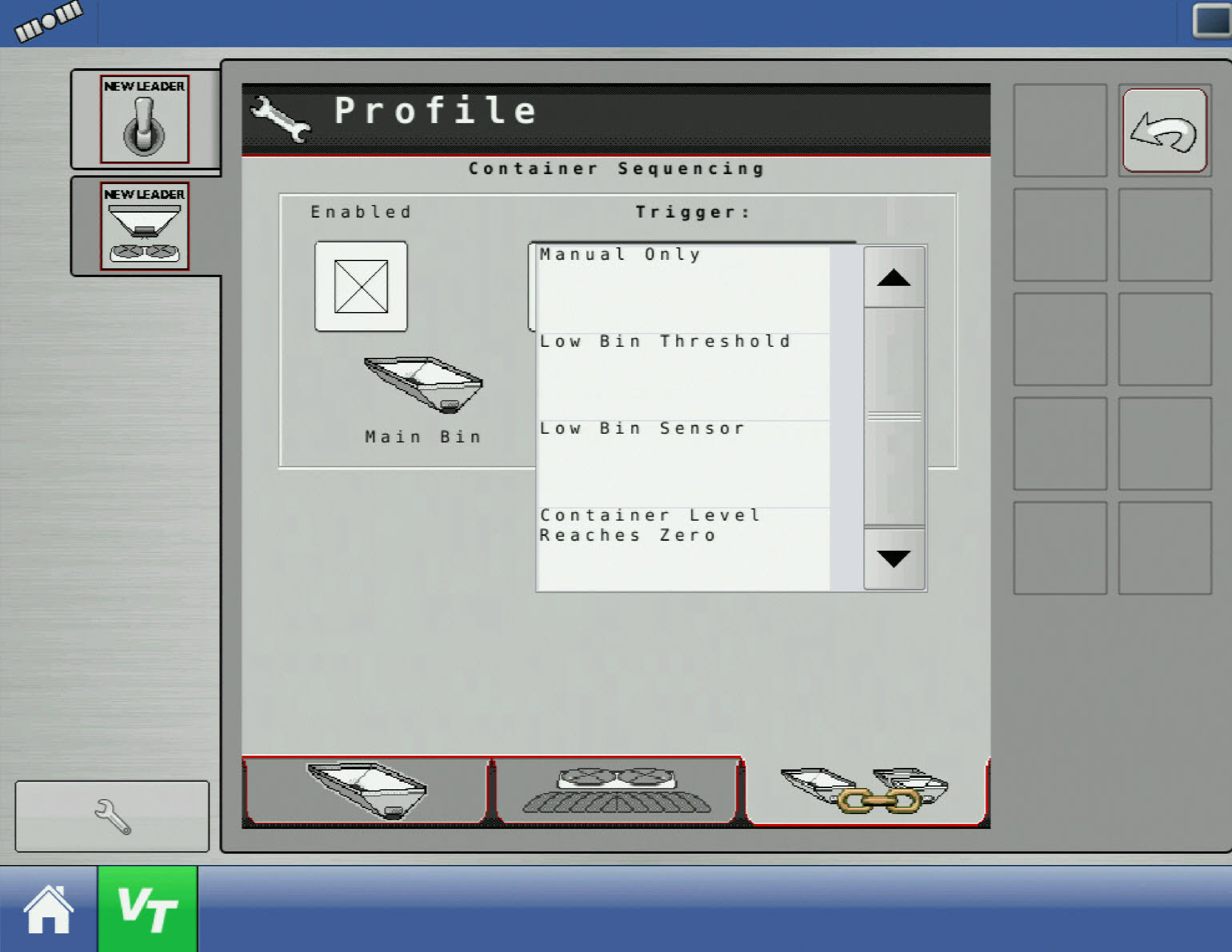

NEW LEADER
NEW LEADER
Change Profile
You are about to change your system profile! Do you wish to proceed?
VT


NEW LEADER
NEW LEADER
Profile
Container Sequencing
Enabled
Trigger:
Low Bin Sensor
Main Bin
Insert Bin
VT


NEW LEADER
NEW LEADER
Profile
Container Sequencing
Enabled
Trigger:
Low Bin Sensor
Main Bin
Insert Bin
VT



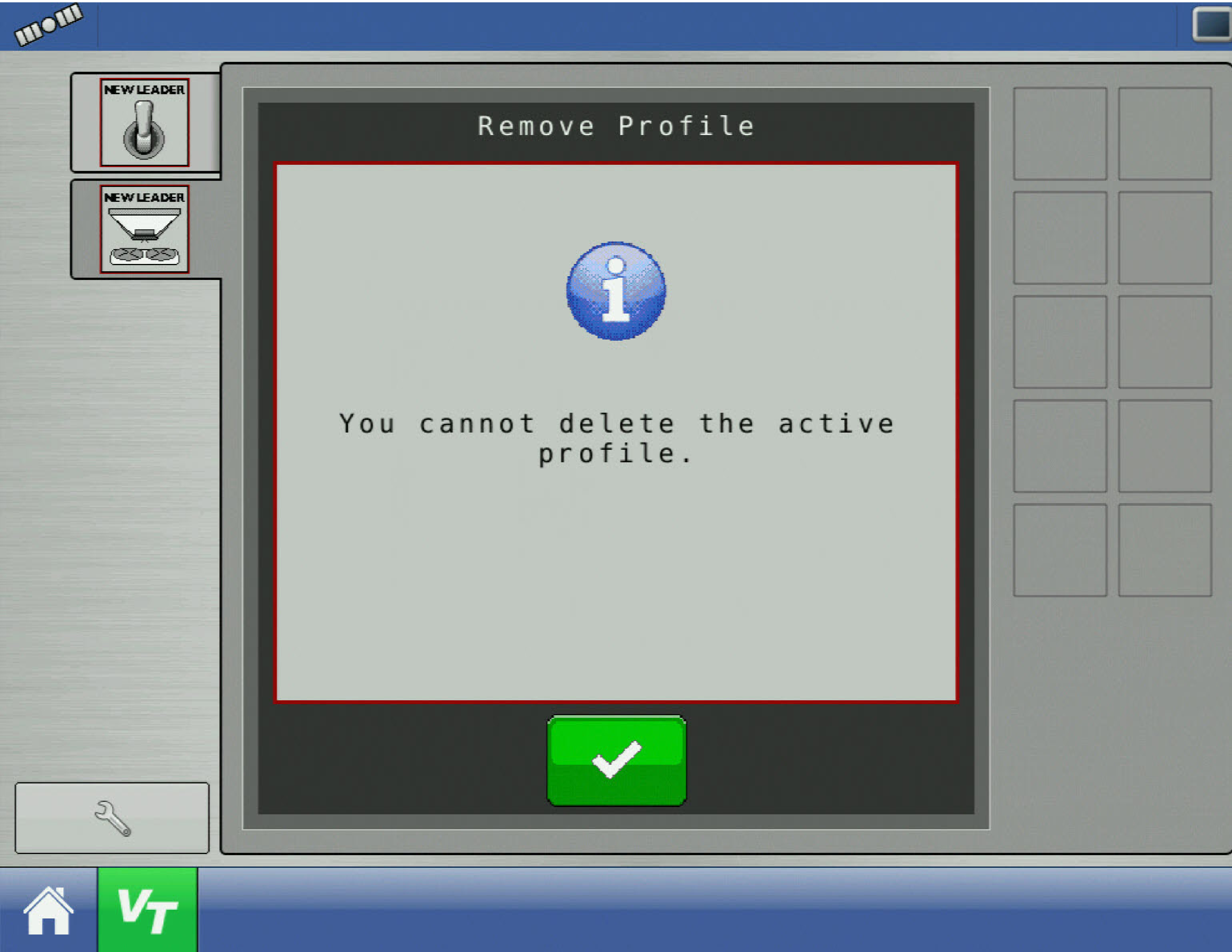
NEW LEADER
NEW LEADER
Reset System
The module will now restart to complete the configuration.
VT


NEW LEADER
NEW LEADER
Profile
Container Sequencing
Enabled
Trigger:
Manual Only
Low Bin Threshold
Low Bin Sensor
Container Level
Reaches Zero
Main Bin
VT

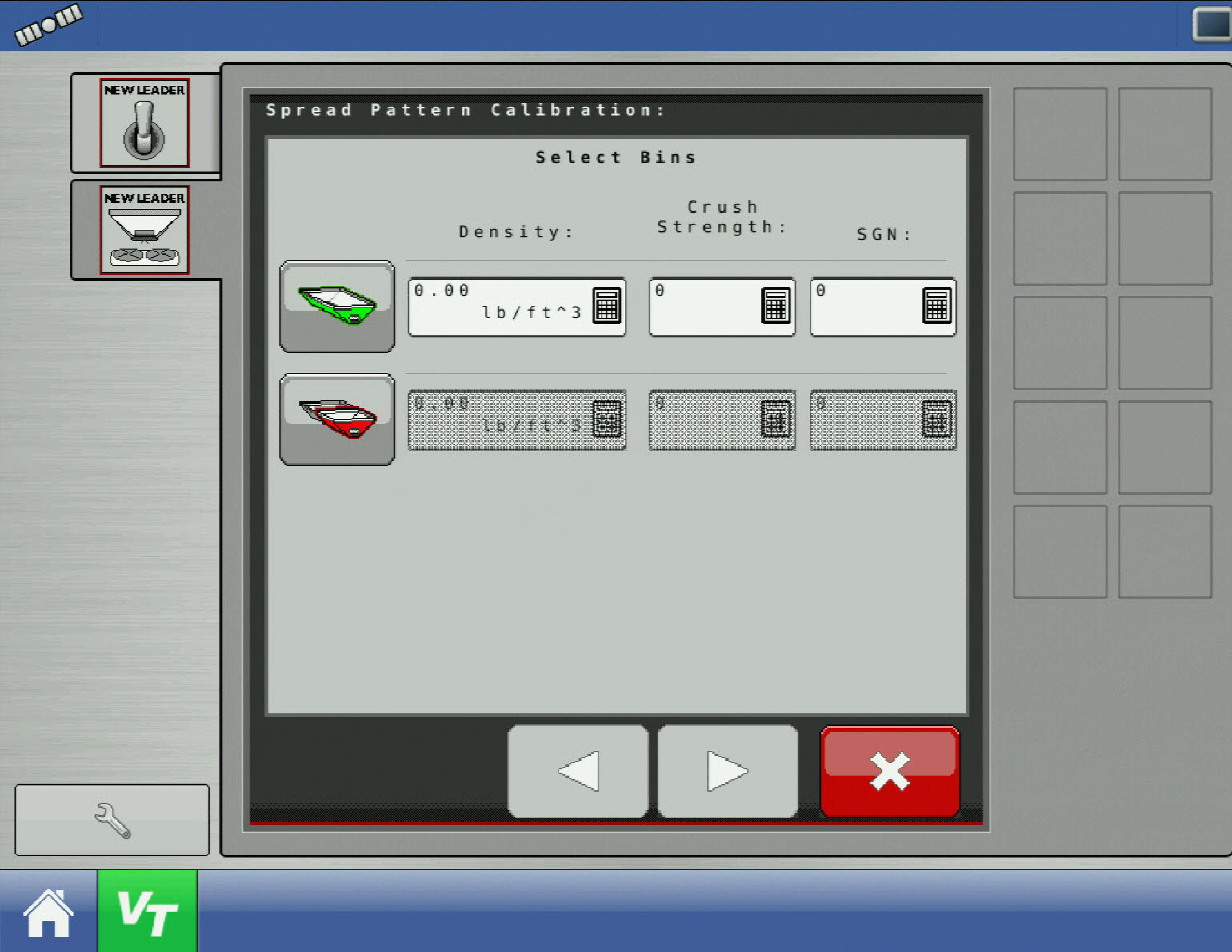

NEW LEADER
NEW LEADER
Profile
Container Sequencing
Enabled
Trigger:
Low Bin Sensor
Main Bin
Insert Bin
VT


NEW LEADER
NEW LEADER
Profile
Blend 90'
lb/ac
Crush Strength:
SGN:
100 - 550
0
0
0 - 0
0
0
Spinner Speed:
800 rpm
Application Speed:
18.0 mph
Spread Width:
90.0 ft
Calibration Storage
2 /25
VT

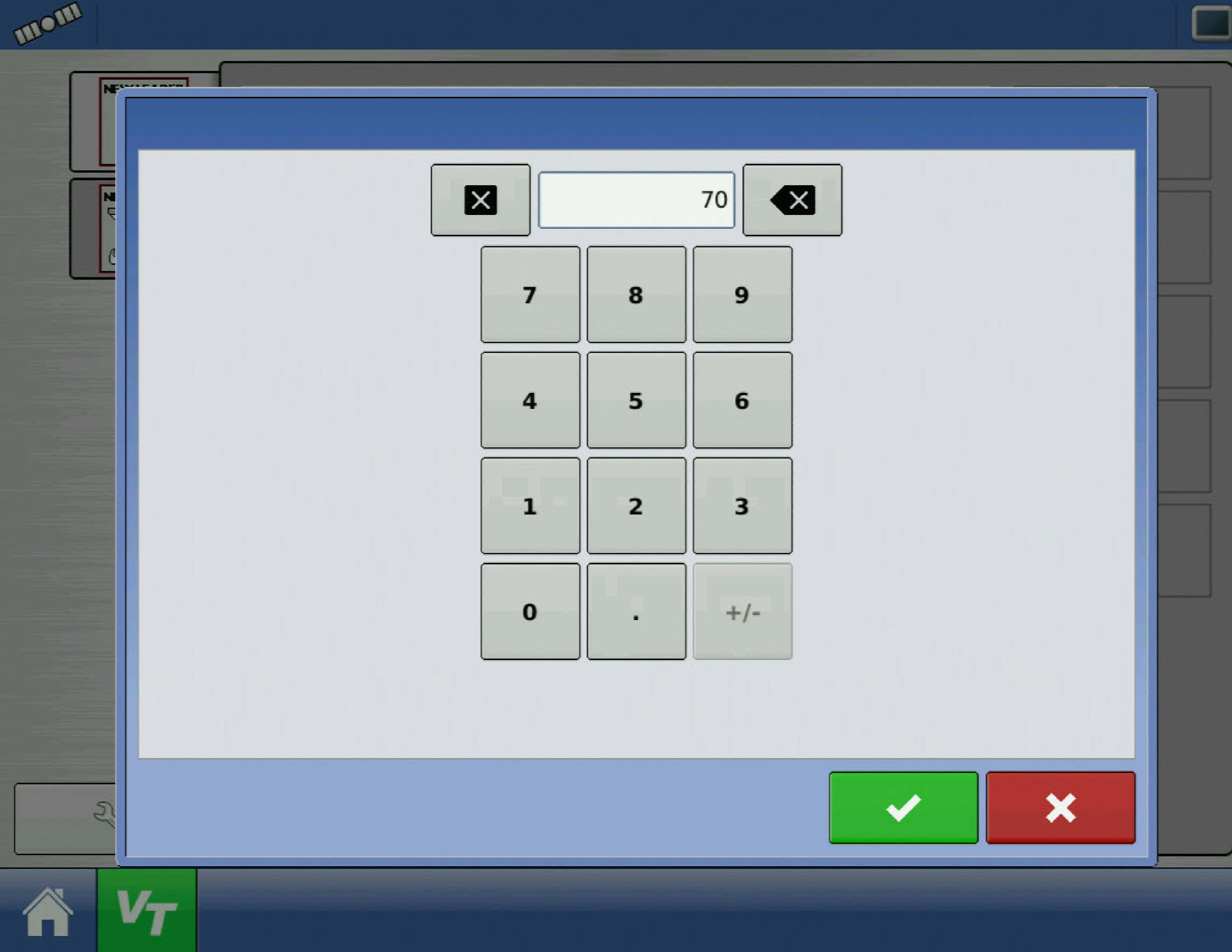

NEW LEADER
NEW LEADER
Profile
Blend 90'
Calibration 1T
lb/ac
Strength:
SGN:
100 - 550
0
0
0 - 0
0
0
Spinner Speed: 800 rpm
Application Speed: 18.0 mph
Spread Width: 90.0 ft
Calibration Storage
2 /25
VT


NEW LEADER
NEW LEADER
Remove Profile
You cannot delete the active profile.
VT


NEW LEADER
NEW LEADER
Spread Pattern Calibration:
Select Bins
Density:
Crush Strength:
SGN:
0.00
lb/ft^3
0
0
0.00
lb/ft^3
0
0
VT

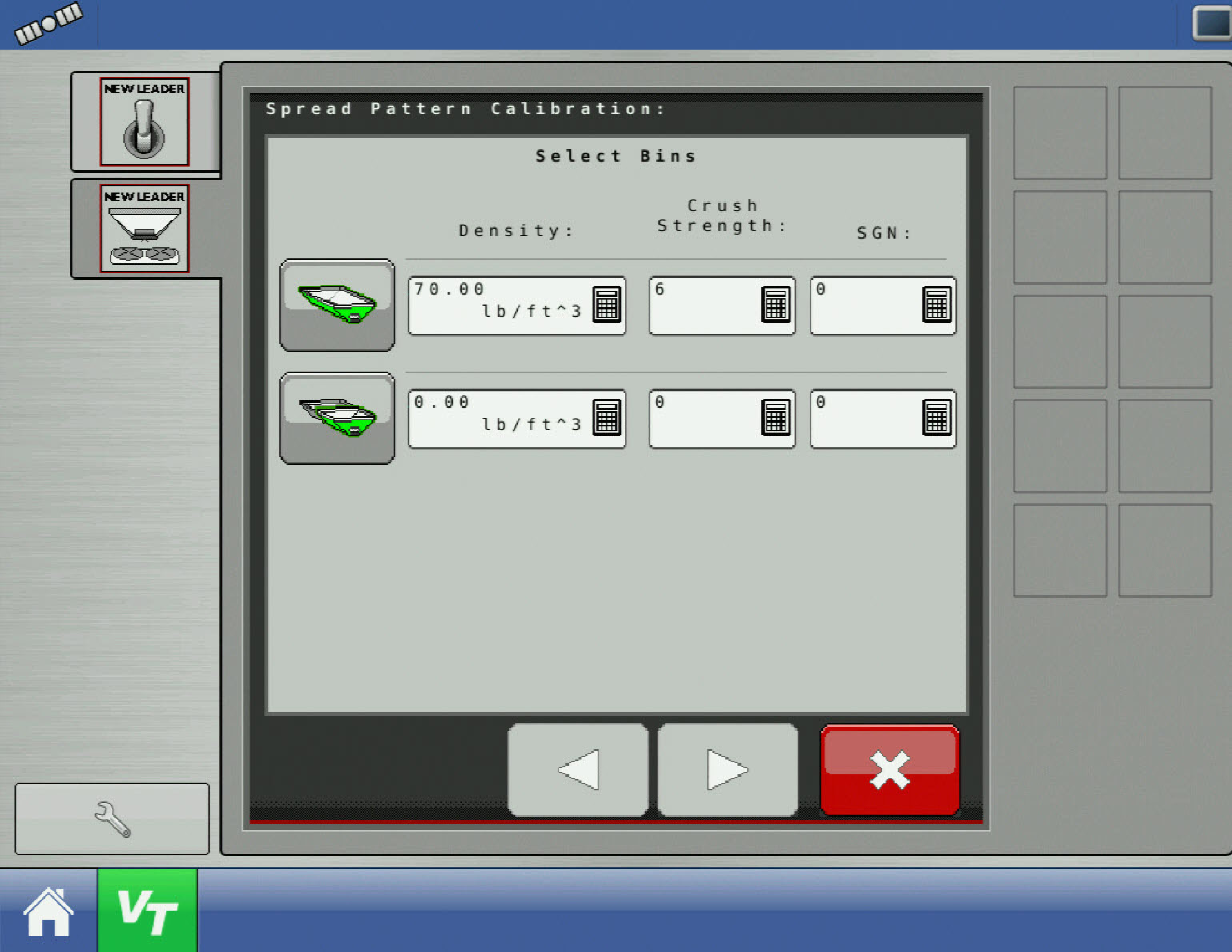

NEW LEADER
NEW LEADER
Spread Pattern Calibration:
Select Bins
Density:
Crush Strength:
SGN:
0.00 lb/ft^3
0
0
0.00 lb/ft^3
0
0
VT

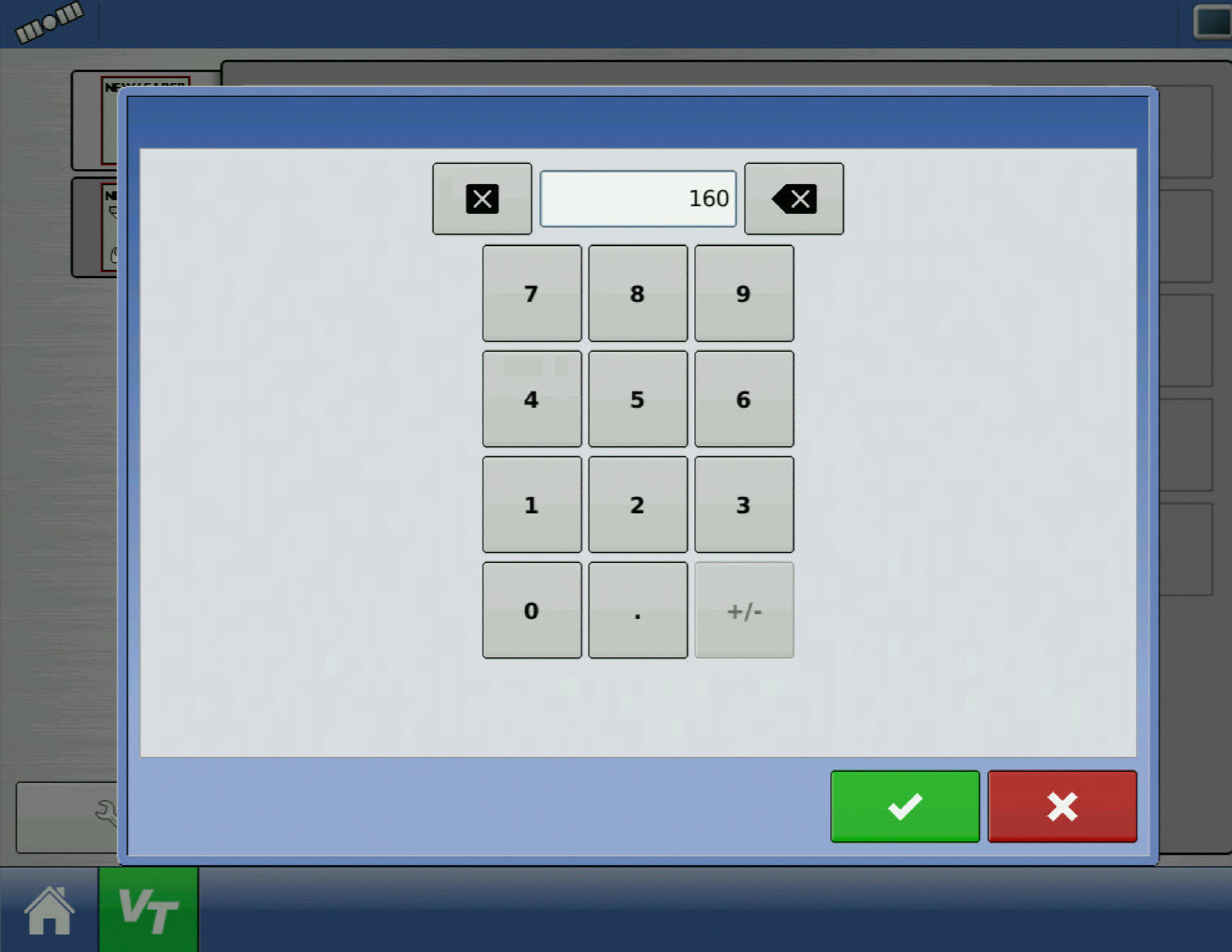

NEW LEADER
NEW LEADER
Spread Pattern Calibration:
Select Bins
Density:
Crush Strength:
SGN:
0.00 lb/ft^3
0
0
0.00 lb/ft^3
0
0
VT

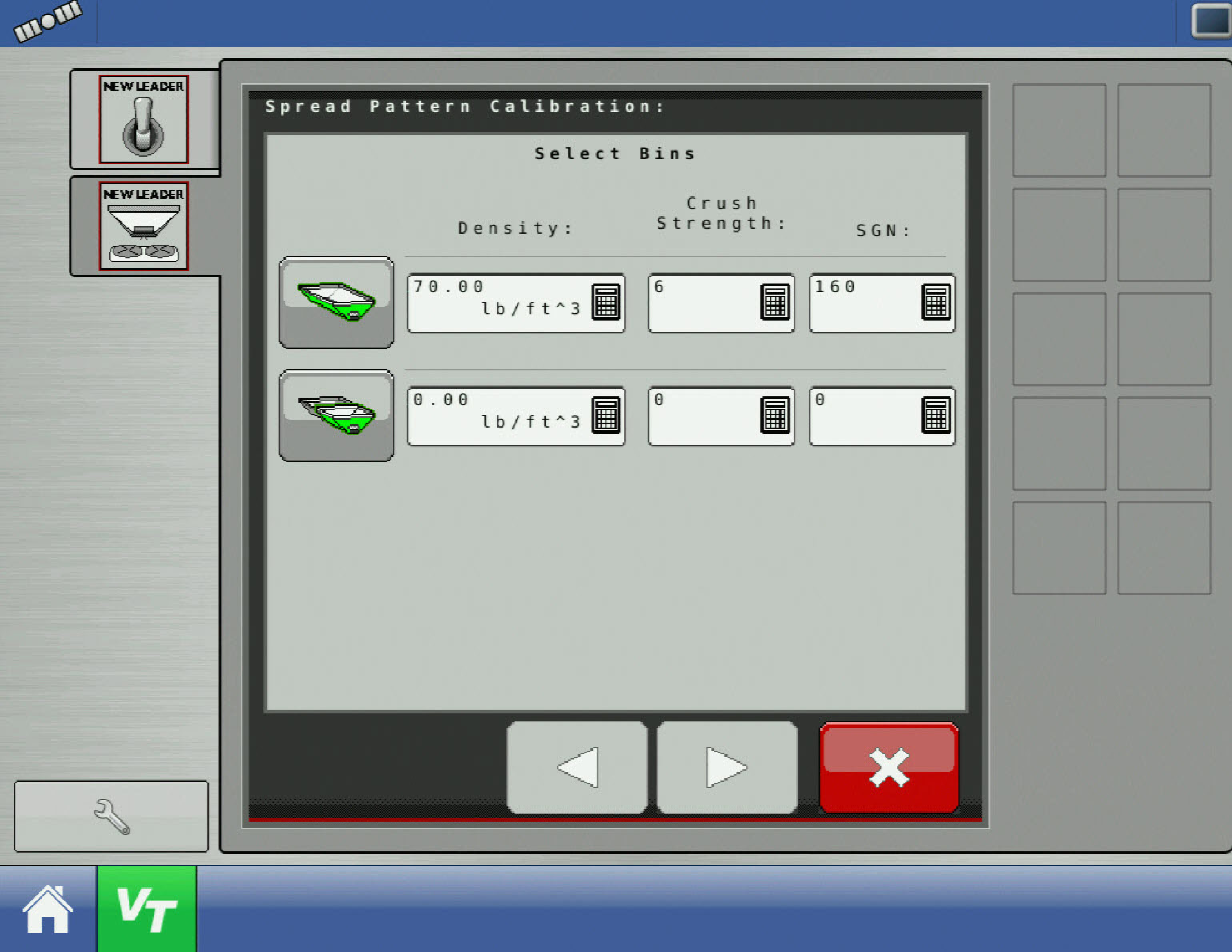

70
7
8
9
4
5
6
1
2
3
0
.
+/-
VT

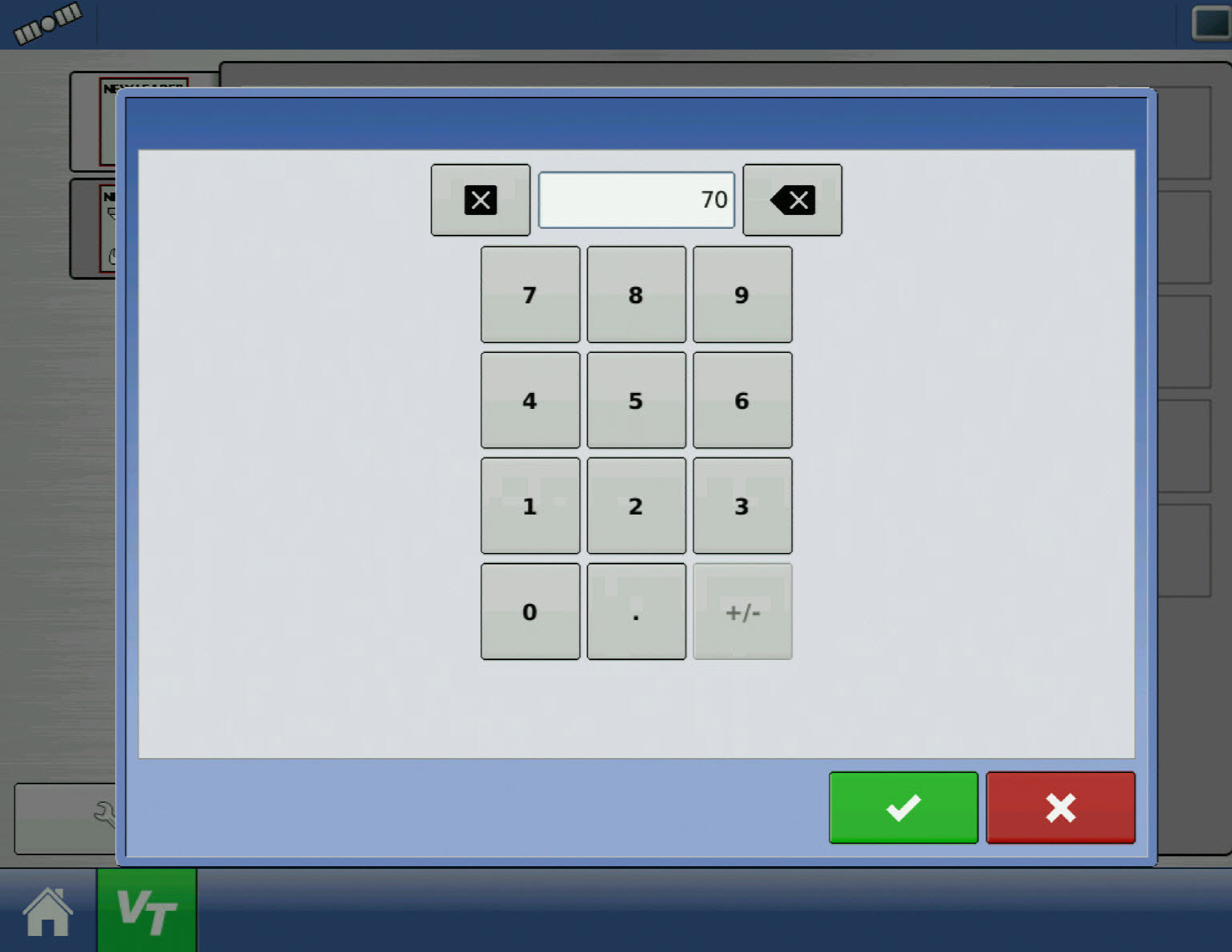

NEW LEADER
NEW LEADER
Spread Pattern Calibration:
Select Bins
Density:
Crush Strength:
SGN:
70.00 lb/ft^3
0
0
0.00 lb/ft^3
0
0
VT

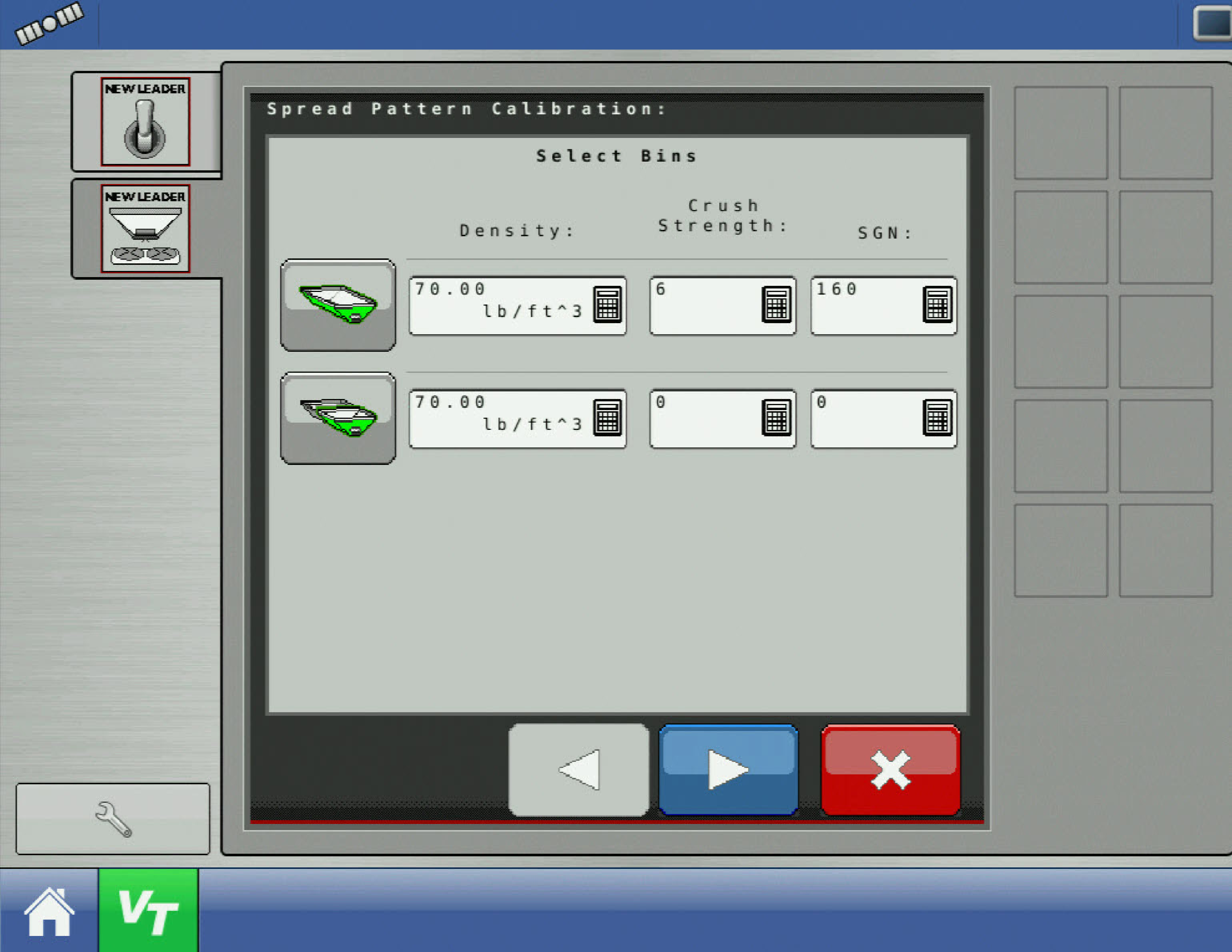
6
7
8
9
4
5
6
1
2
3
0
.
+/-
VT


NEW LEADER
NEW LEADER
Spread Pattern Calibration:
Select Bins
Density:
Crush Strength:
SGN:
70.00 lb/ft^3
6
0
0.00 lb/ft^3
0
0
VT

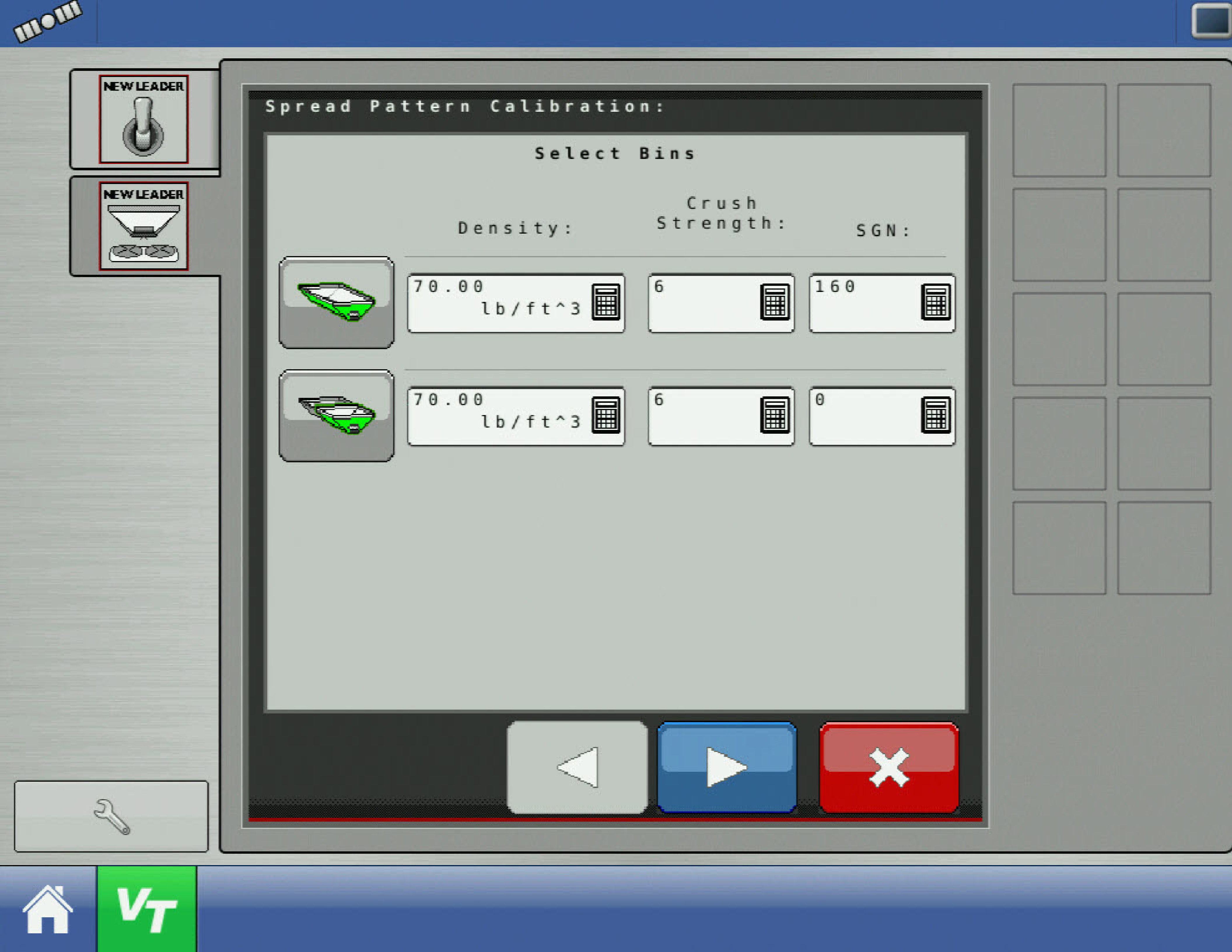

160
7
8
9
4
5
6
1
2
3
0
.
+/-
VT

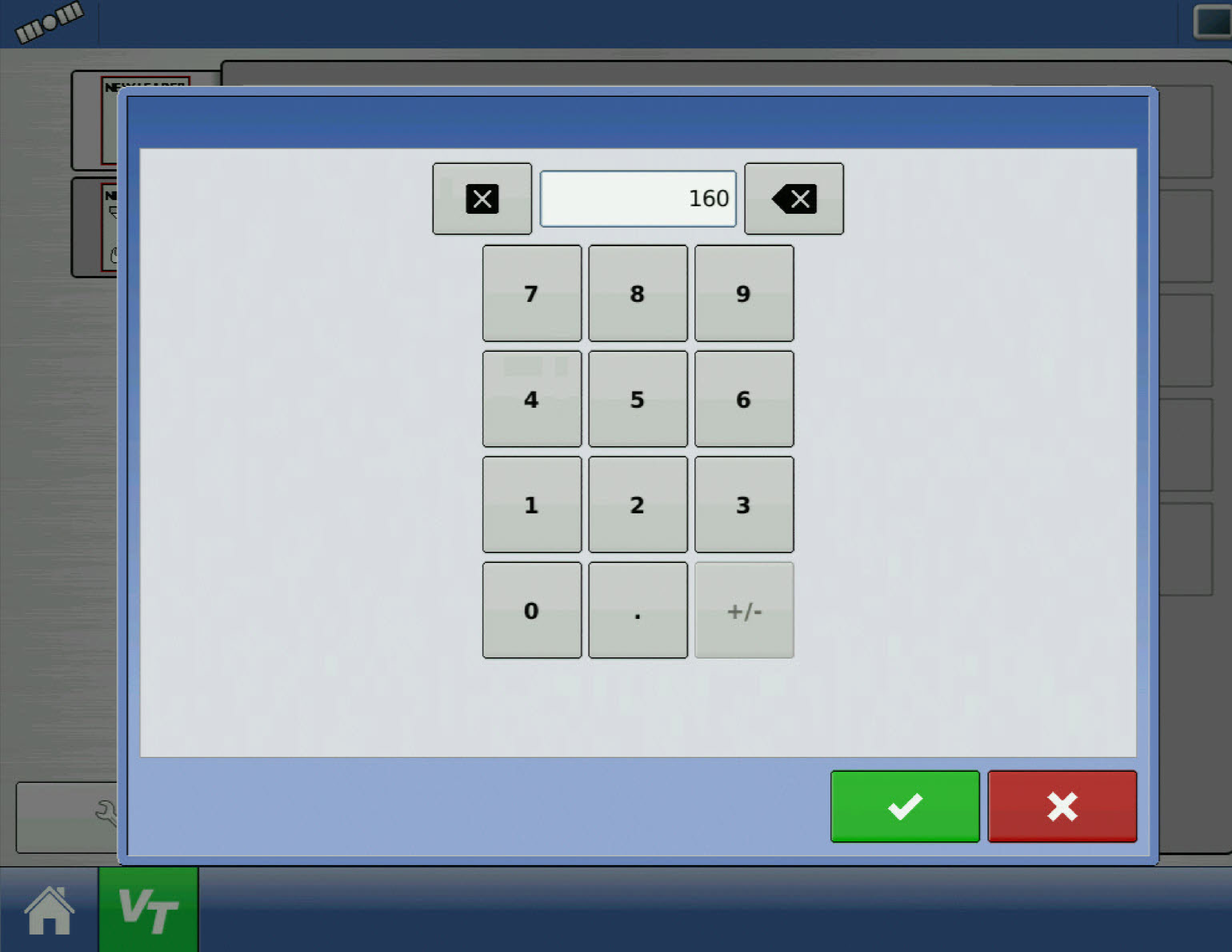

NEW LEADER
NEW LEADER
Spread Pattern Calibration:
Select Bins
Density:
Crush Strength:
SGN:
70.00 lb/ft^3
6
160
0.00 lb/ft^3
0
0
VT

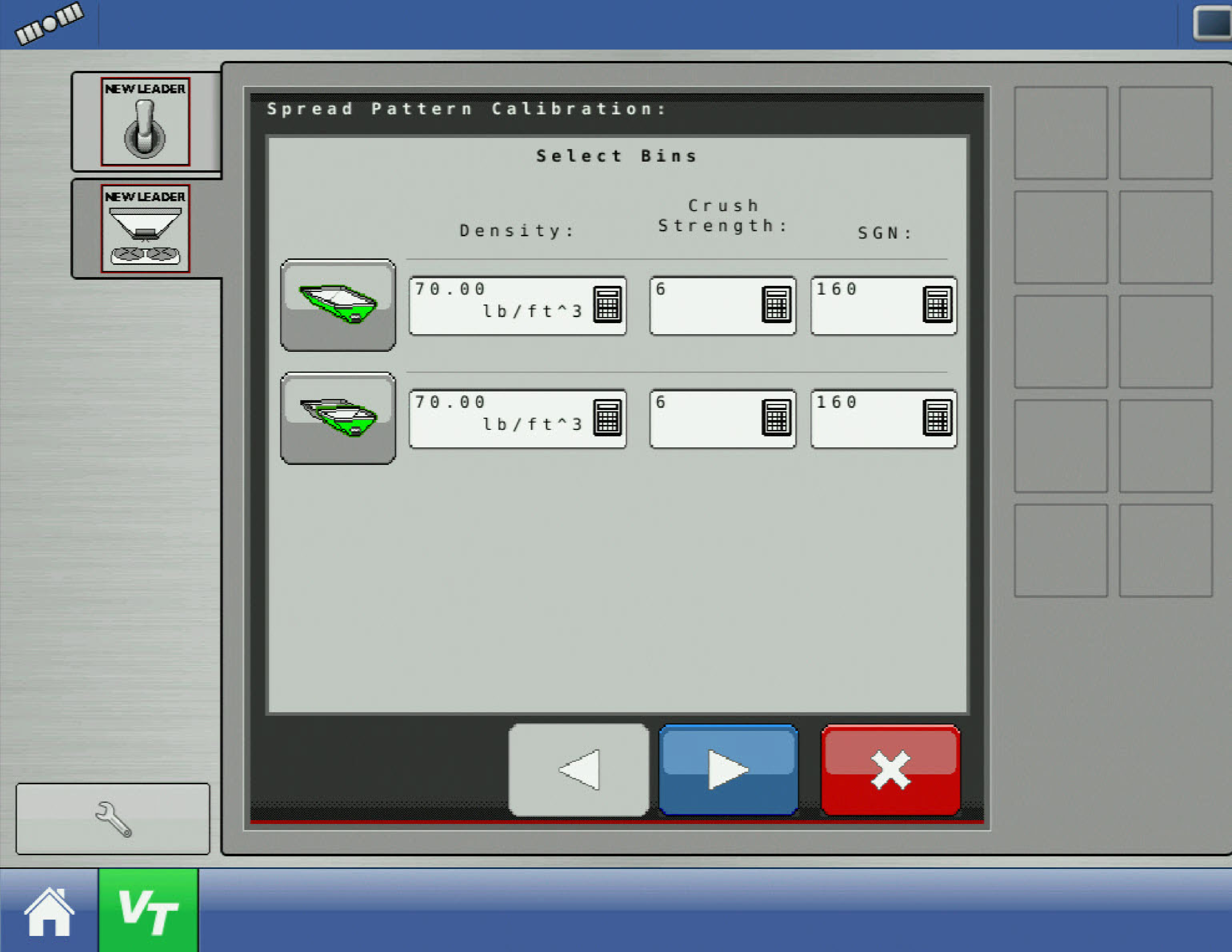

70
7
8
9
4
5
6
1
2
3
0
.
+/-
VT

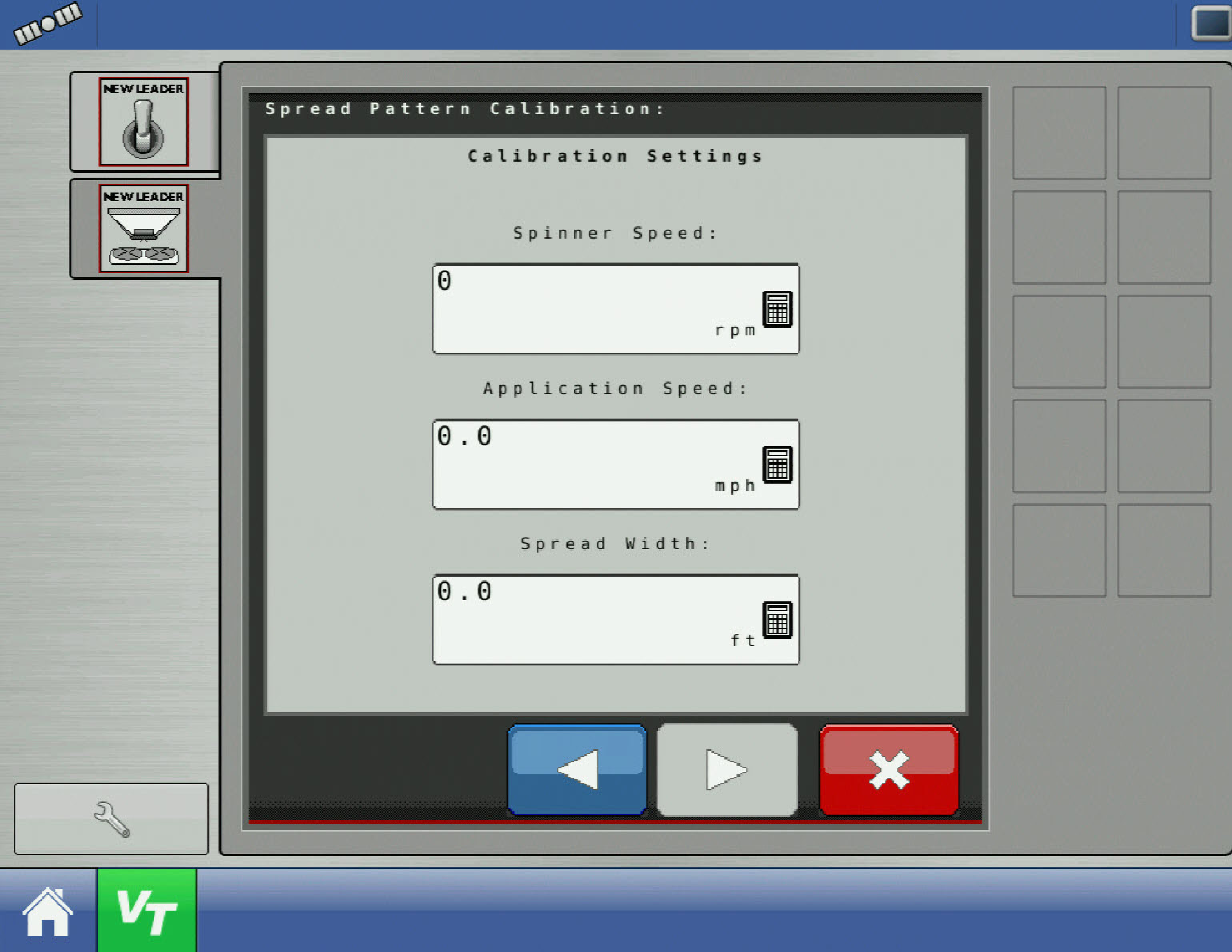

NEW LEADER
NEW LEADER
Spread Pattern Calibration:
Select Bins
Density:
Crush Strength:
SGN:
70.00 lb/ft^3
6
160
70.00 lb/ft^3
0
0
VT

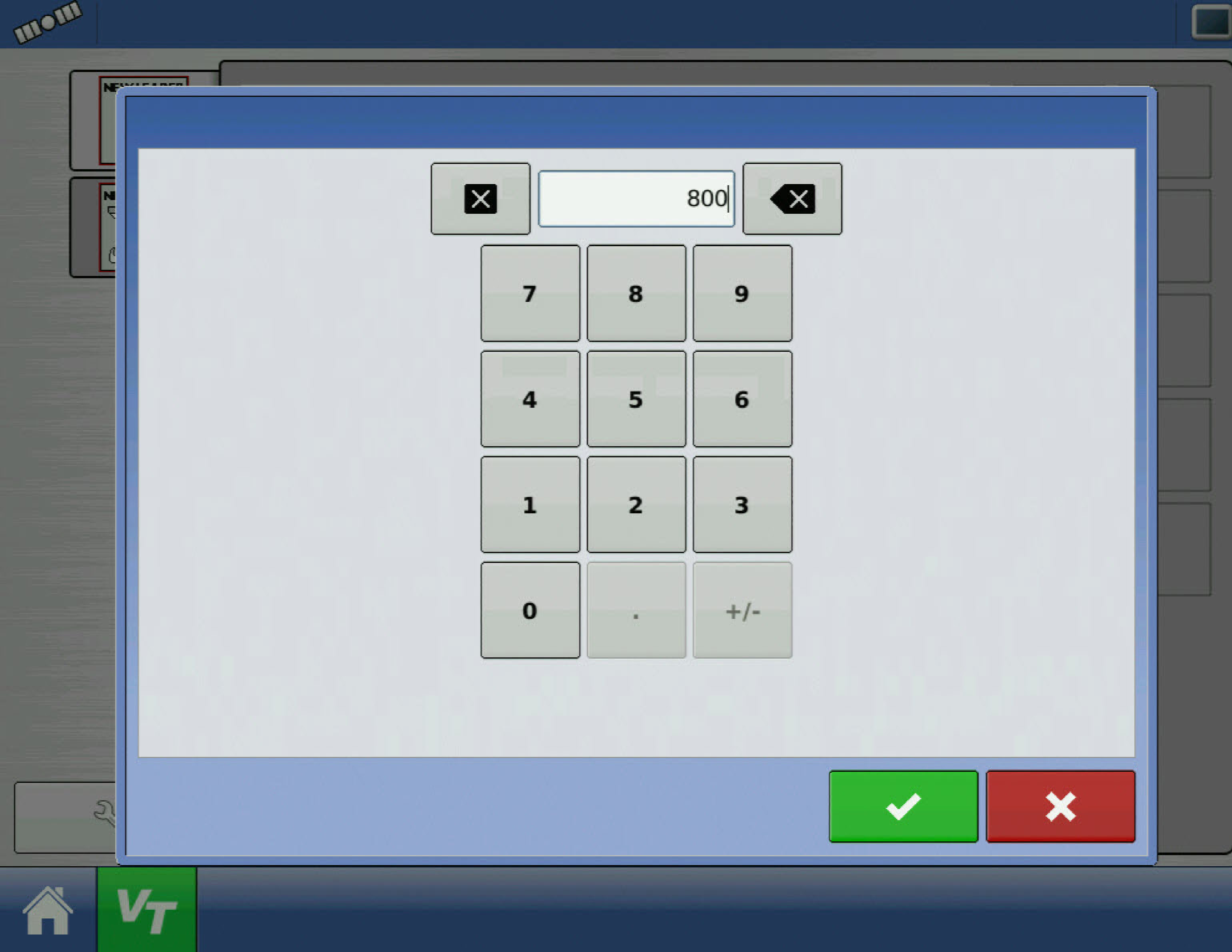

6
7
8
9
4
5
6
1
2
3
0
.
+/-
VT

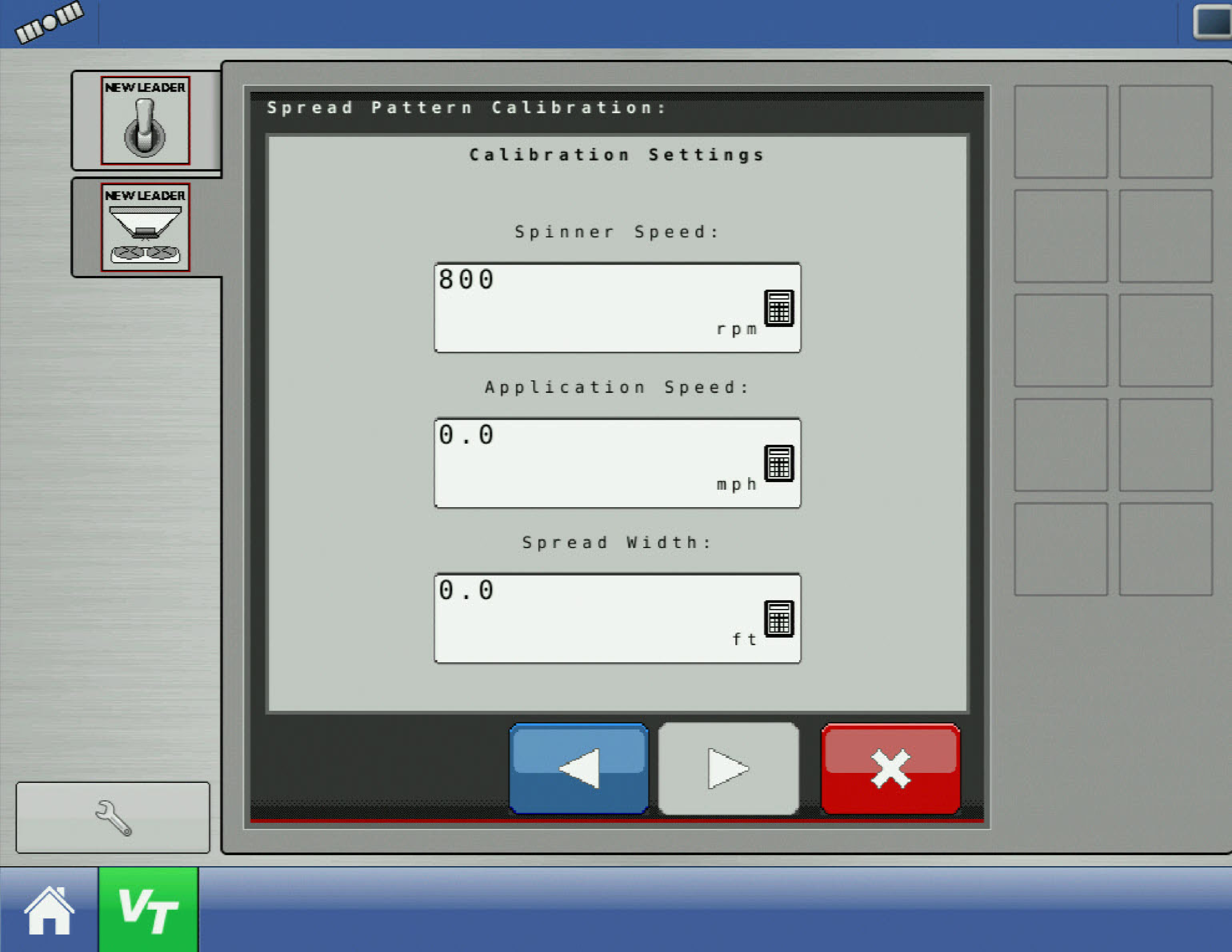

NEW LEADER
NEW LEADER
Spread Pattern Calibration:
Select Bins
Density:
Crush Strength:
SGN:
70.00 lb/ft^3
6
160
70.00 lb/ft^3
6
0


160
7
8
9
4
5
6
1
2
3
0
.
+/-

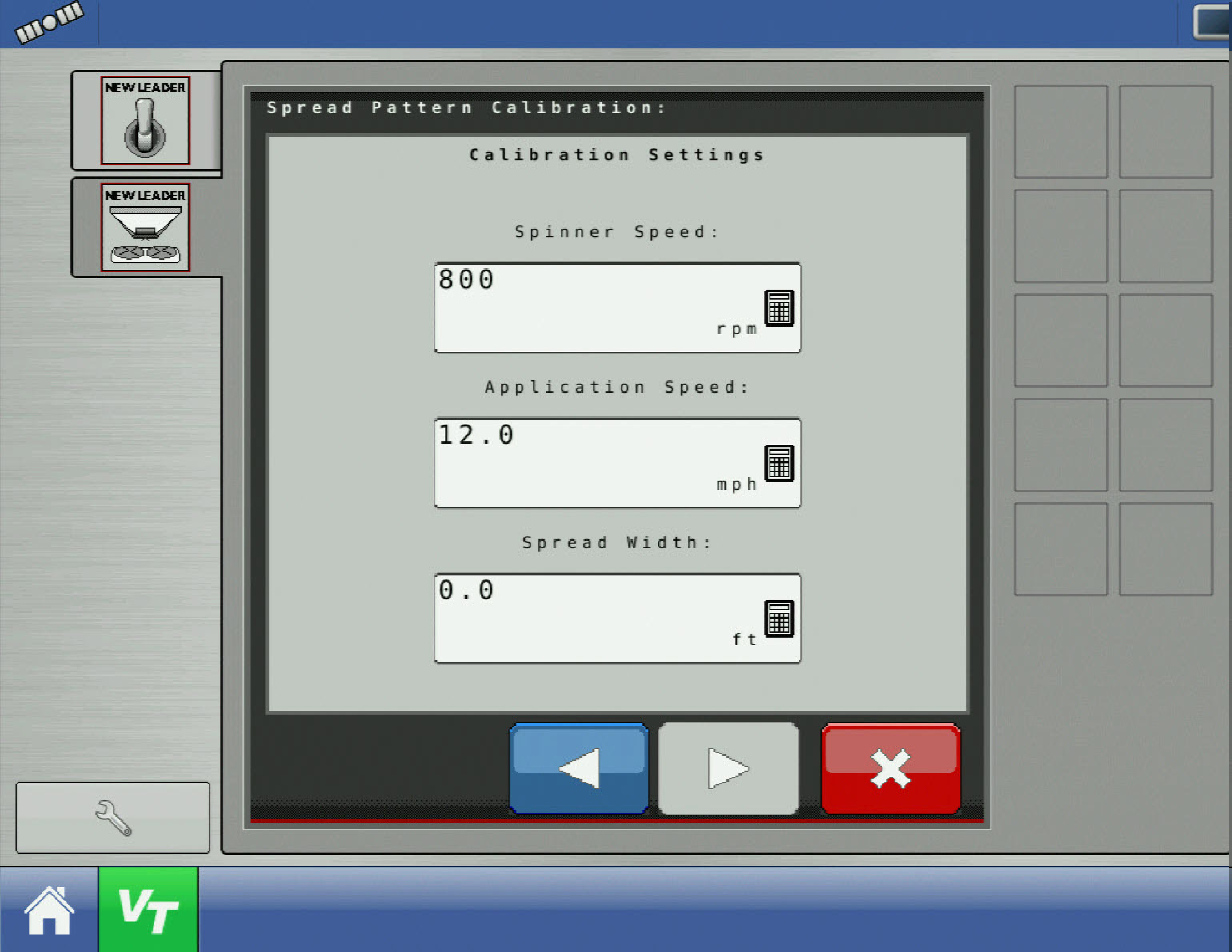

NEW LEADER
NEW LEADER
Spread Pattern Calibration:
Select Bins
Density:
Crush Strength:
SGN:
70.00 lb/ft^3
6
160
70.00 lb/ft^3
6
160
VT

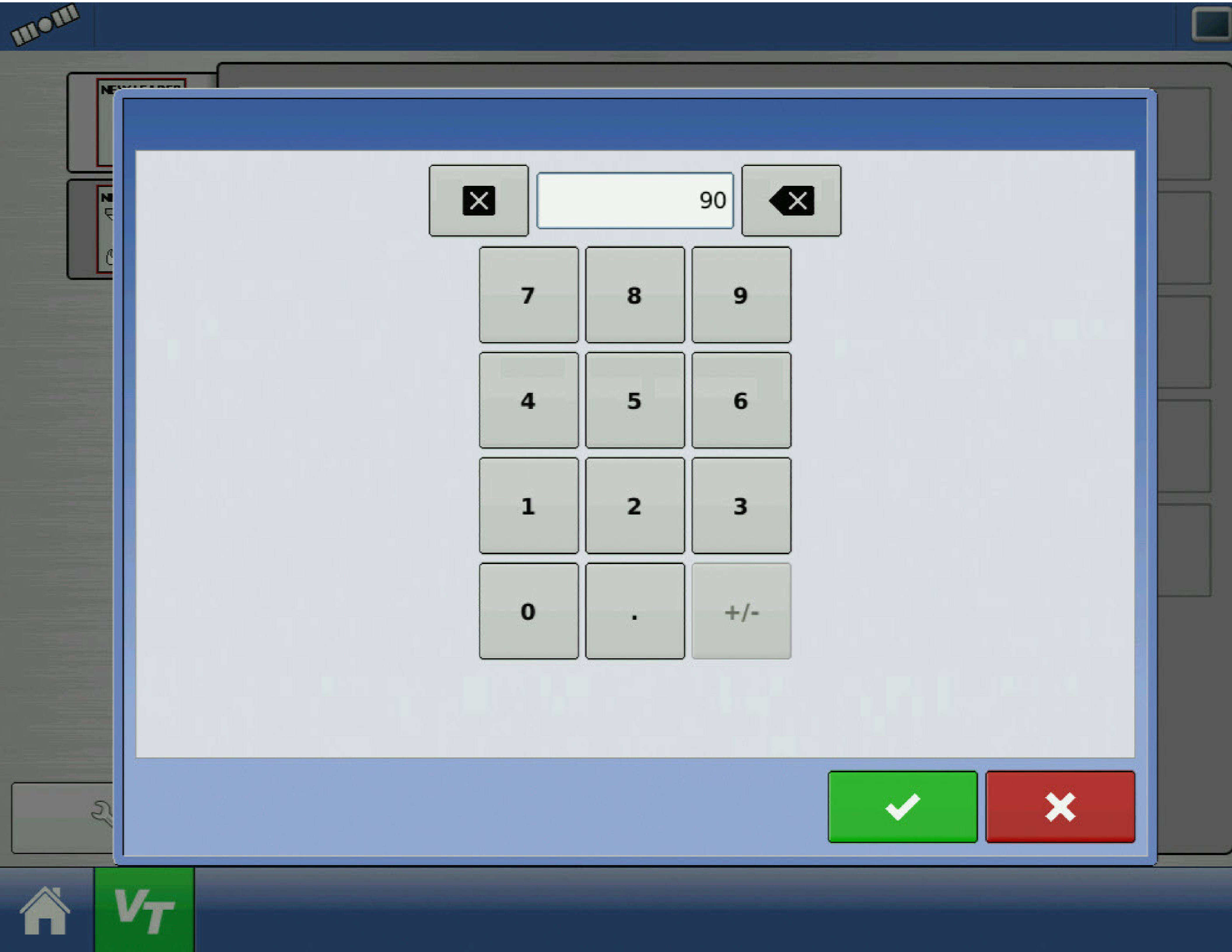

NEW LEADER
NEW LEADER
Spread Pattern Calibration:
Calibration Settings
Spinner Speed:
0
rpm
Application Speed:
0.0
mph
Spread Width:
0.0
ft
VT

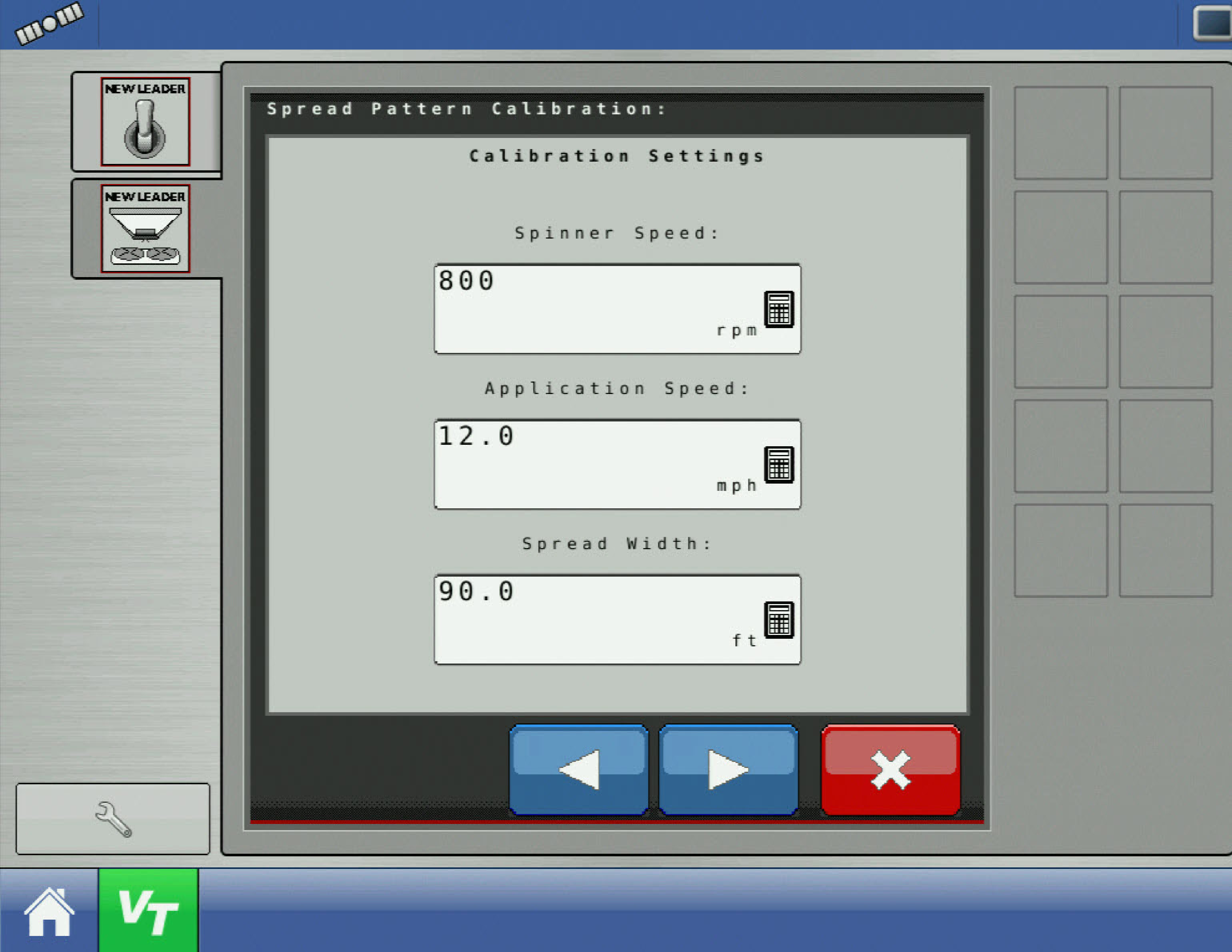

800
7
8
9
4
5
6
1
2
3
0
.
+/-
VT

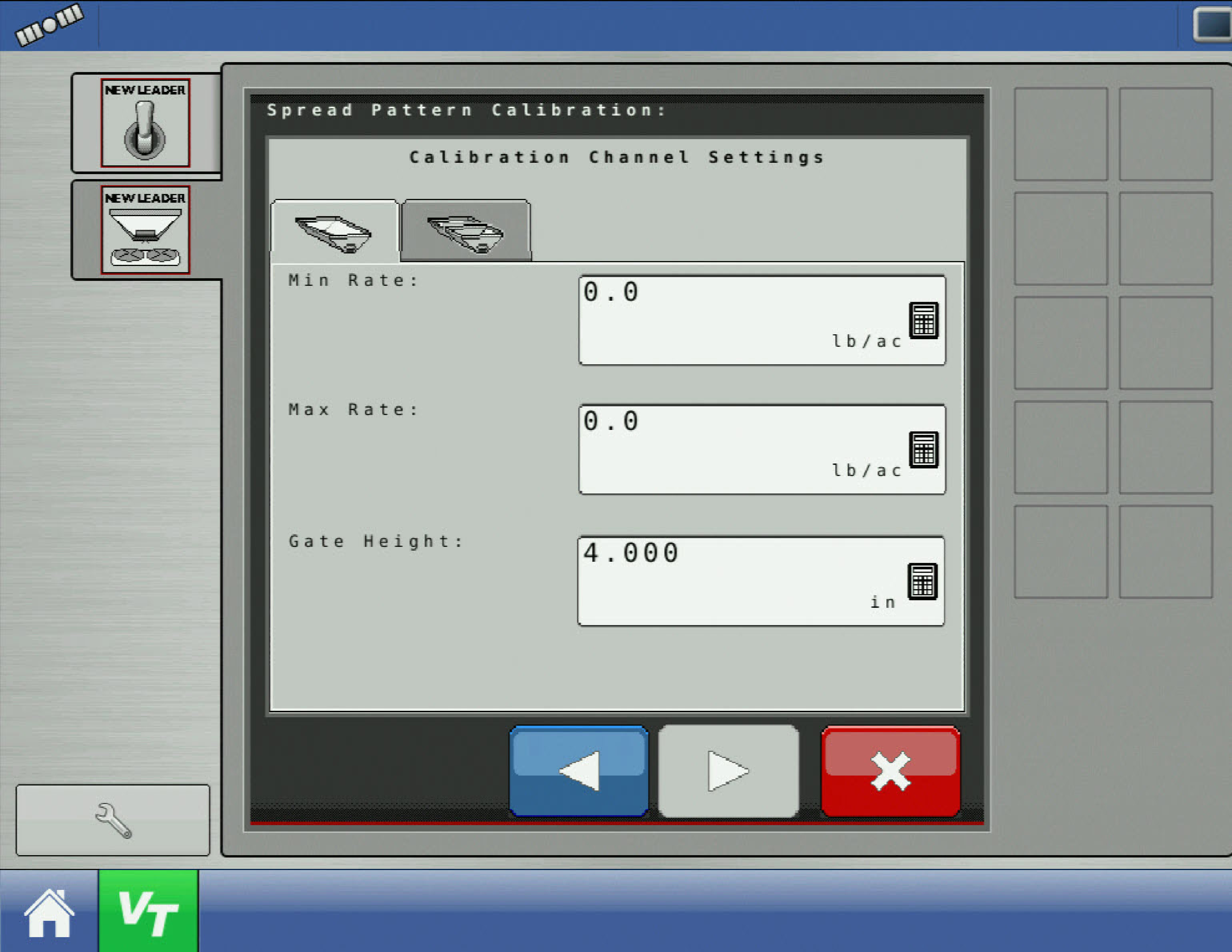

NEW LEADER
NEW LEADER
Spread Pattern Calibration:
Calibration Settings
Spinner Speed:
800
rpm
Application Speed:
0.0
mph
Spread Width:
0.0
ft


12
7
8
9
4
5
6
1
2
3
0
.
+/-
VT


NEW LEADER
NEW LEADER
Spread Pattern Calibration:
Calibration Settings
Spinner Speed:
800
rpm
Application Speed:
12.0
mph
Spread Width:
0.0
ft
VT

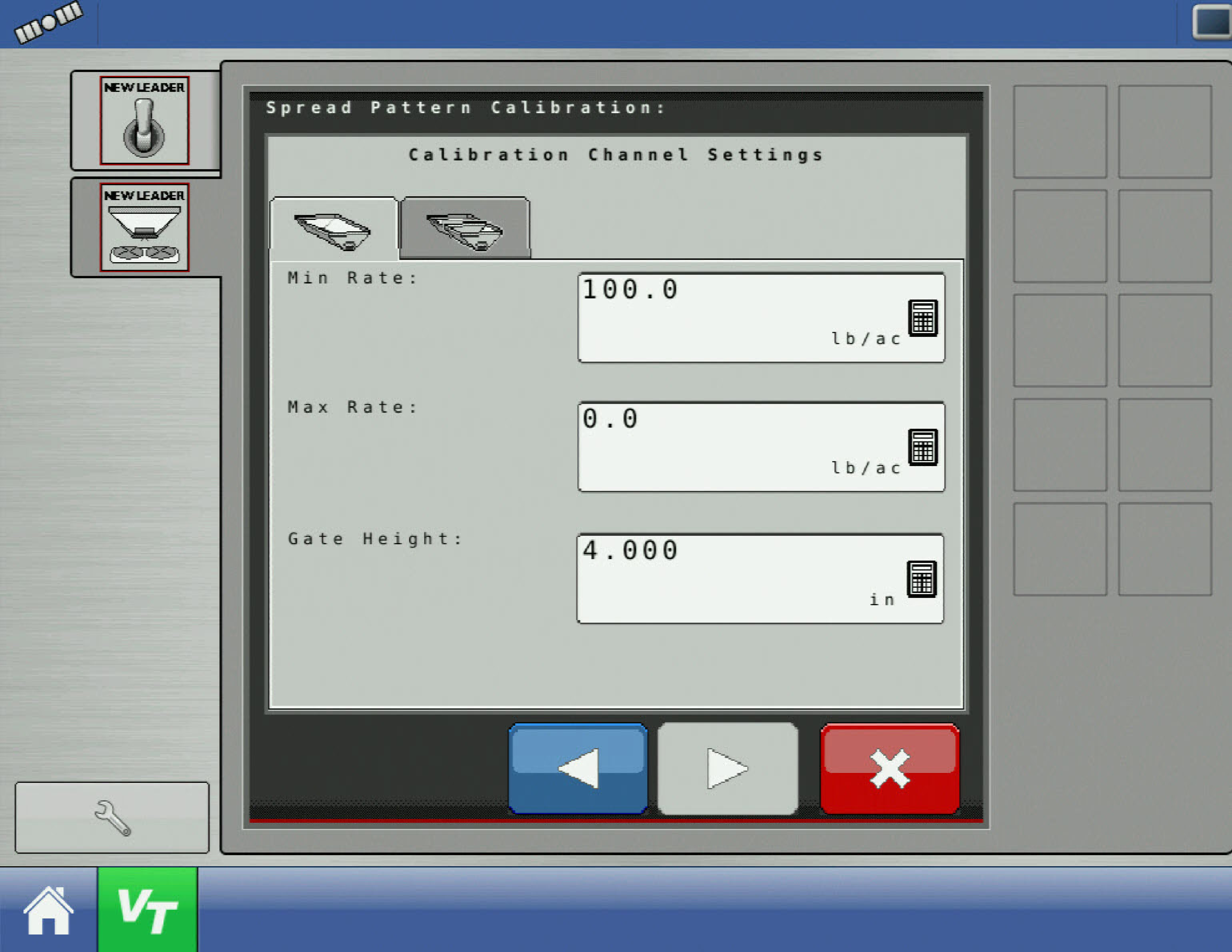

90
7
8
9
4
5
6
1
2
3
0
.
+/-

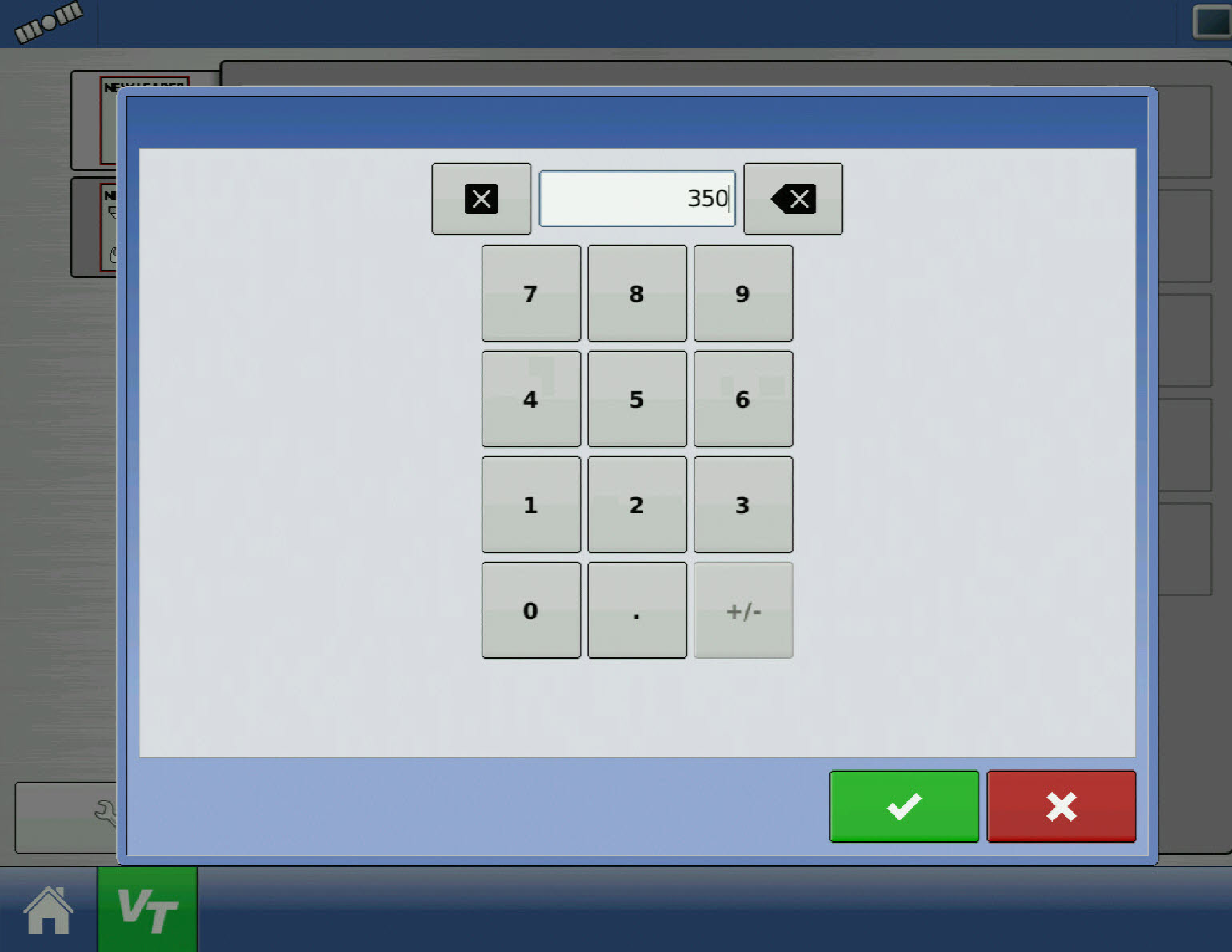

NEW LEADER
NEW LEADER
Spread Pattern Calibration:
Calibration Settings
Spinner Speed:
800
rpm
Application Speed:
12.0
mph
Spread Width:
90.0
ft
VT

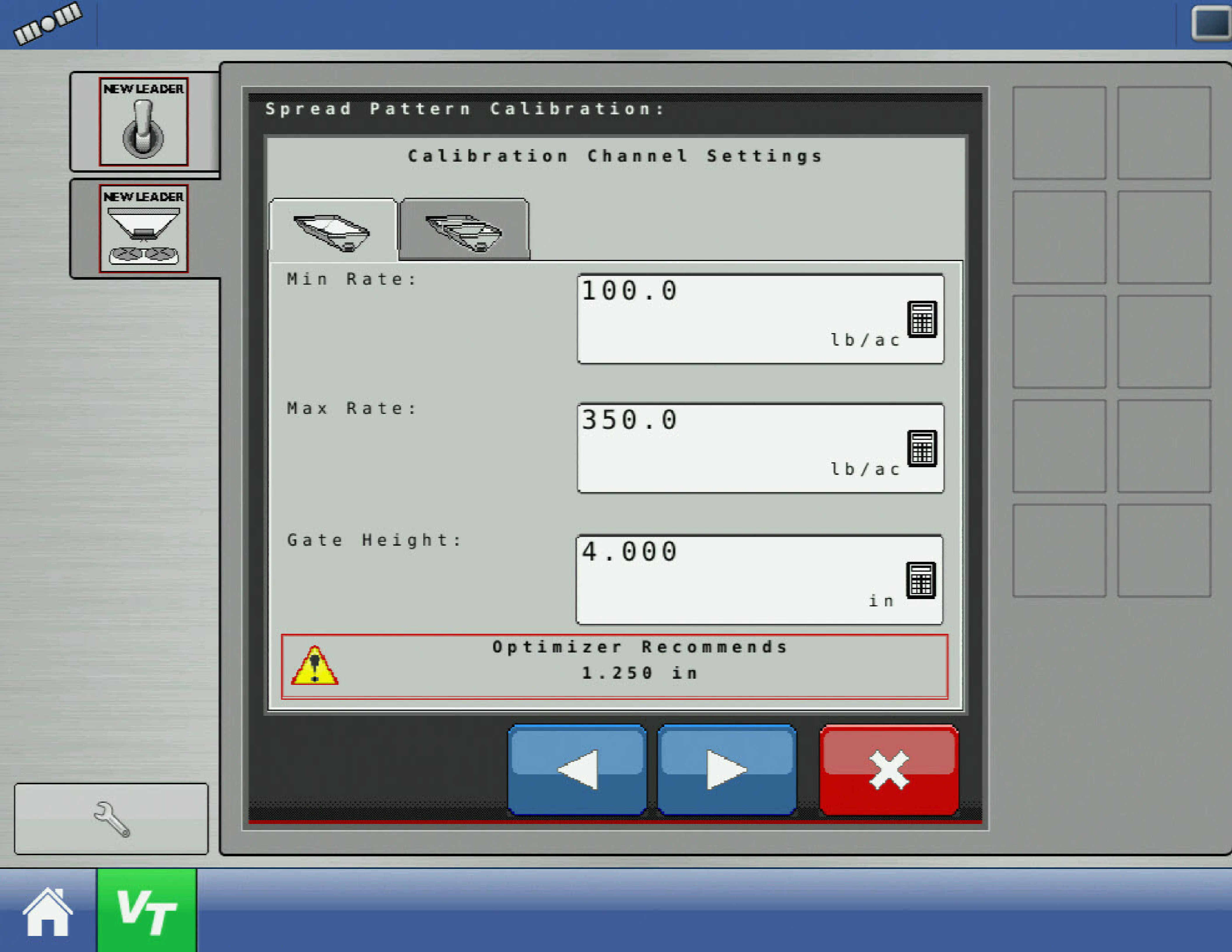


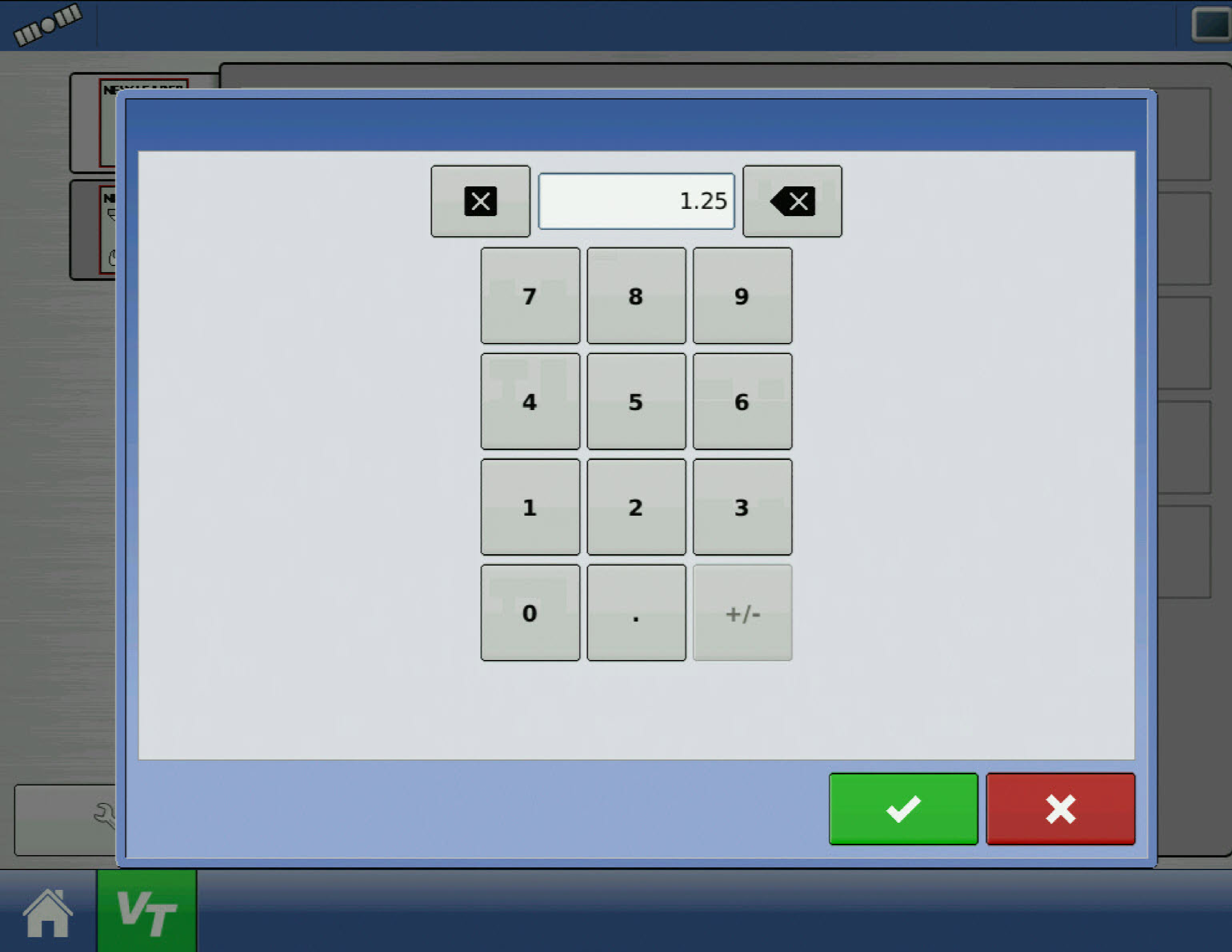
Spread Pattern Calibration:
Calibration Channel Settings
Min Rate:
0.0
lb/ac
Max Rate:
0.0
lb/ac
Gate Height:
4.000
in
NEW LEADER
NEW LEADER
VT


100
7
8
9
4
5
6
1
2
3
0
.
+/-
VT


NEW LEADER
NEW LEADER
Spread Pattern Calibration:
Calibration Channel Settings
Min Rate:
100.0
lb/ac
Max Rate:
0.0
lb/ac
Gate Height:
4.000
in
VT

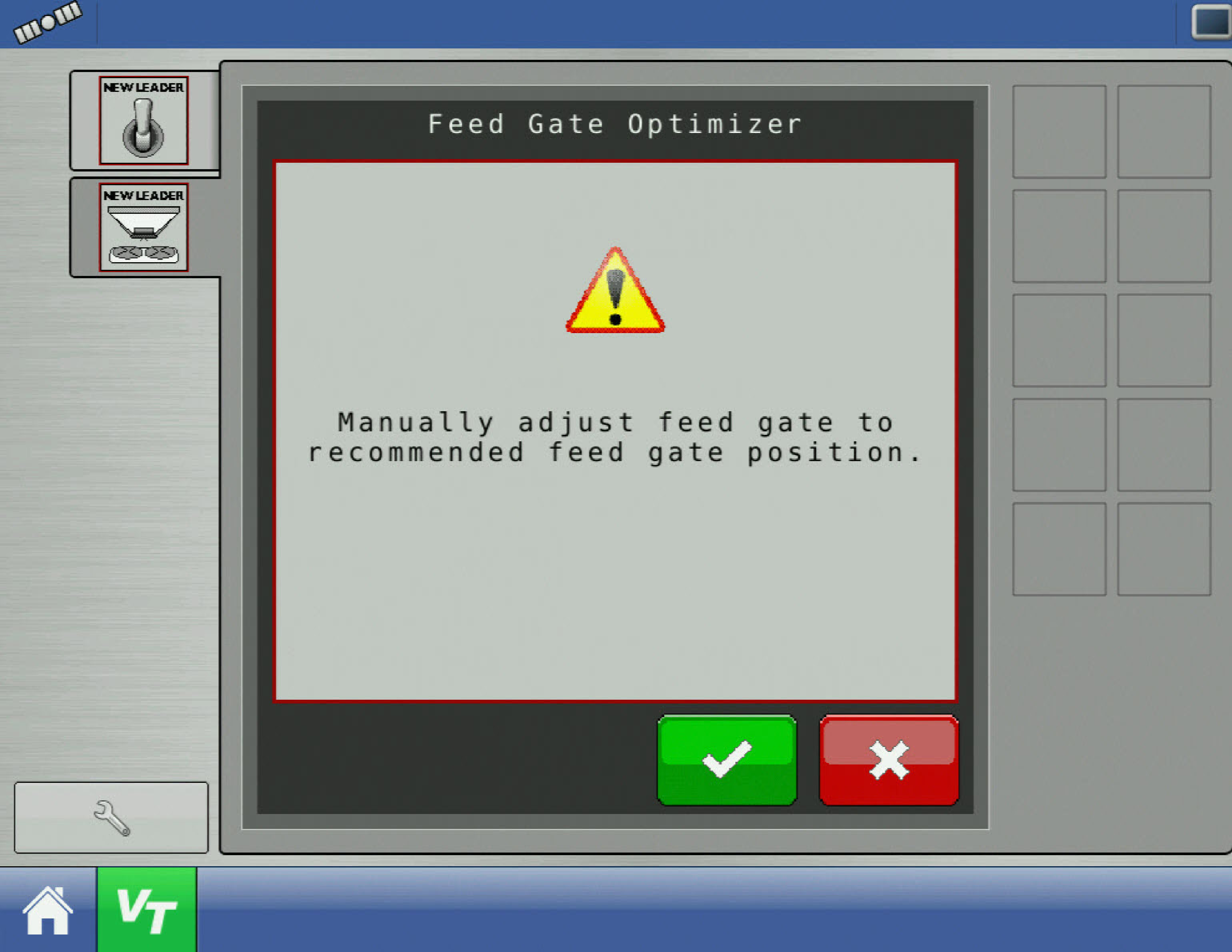

350
7
8
9
4
5
6
1
2
3
0
.
+/-
VT

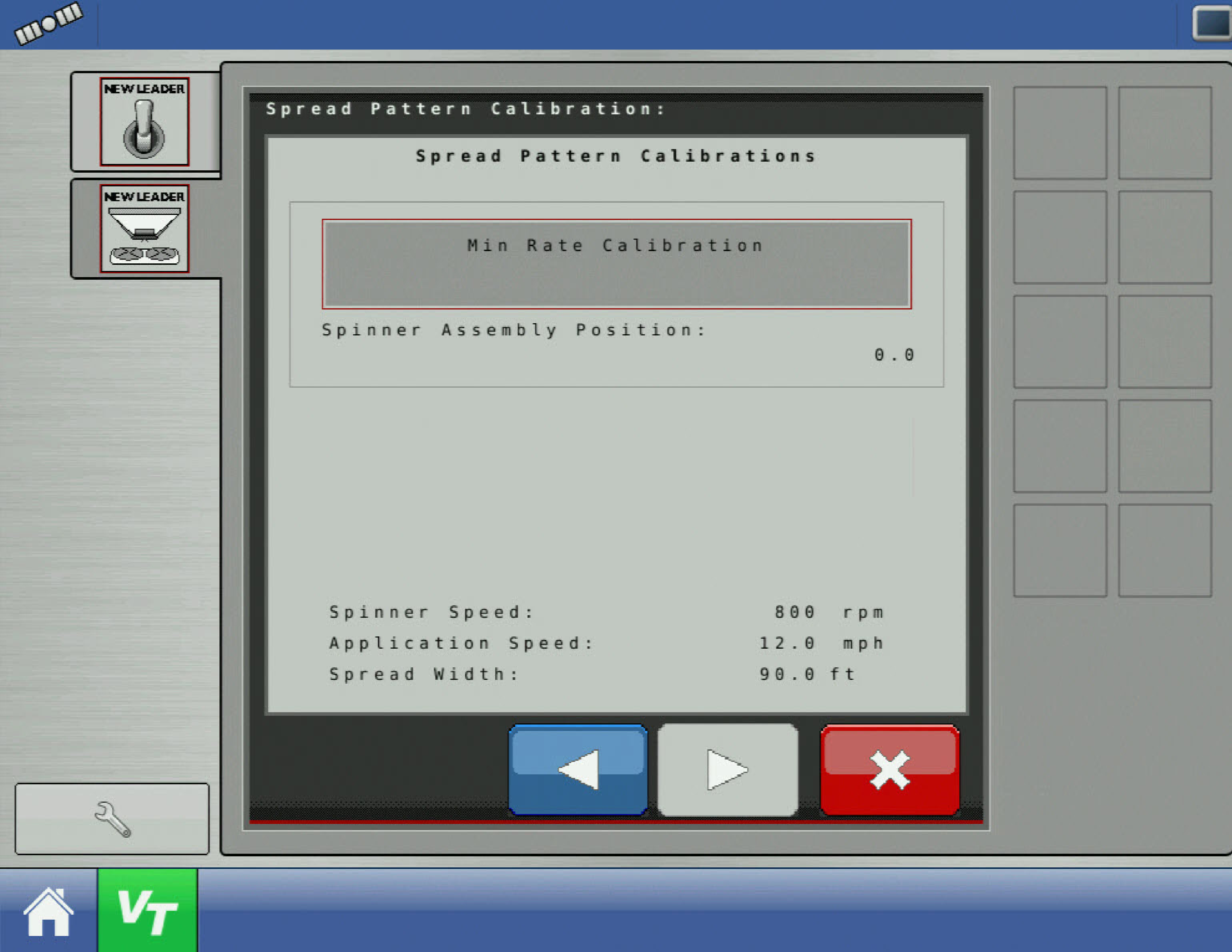

NEW LEADER
NEW LEADER
Spread Pattern Calibration:
Calibration Channel Settings
Min Rate:
100.0
lb/ac
Max Rate:
350.0
lb/ac
Gate Height:
4.000
in
Optimizer Recommends
1.250 in
VT


1.25
7
8
9
4
5
6
1
2
3
0
.
+/-
VT

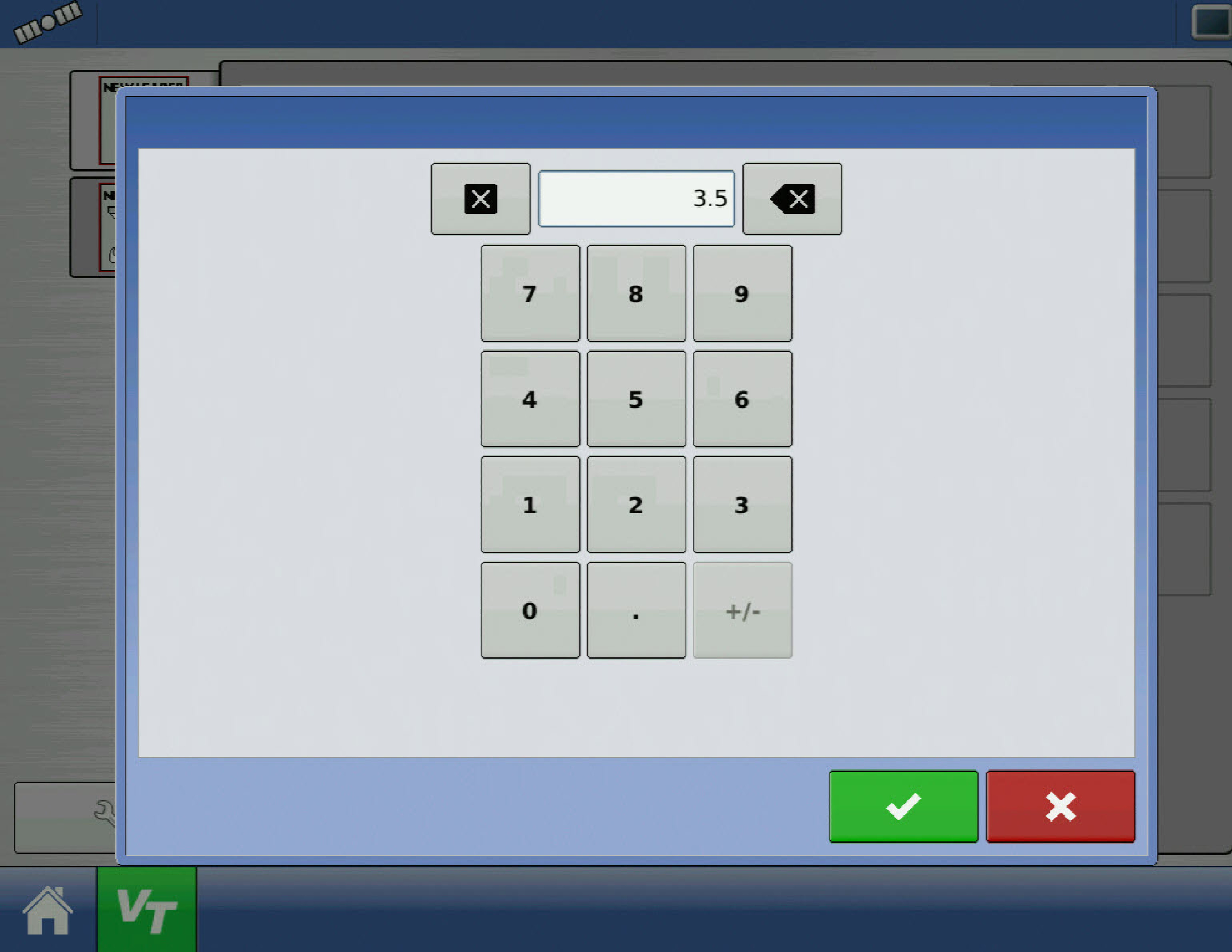

NEW LEADER
NEW LEADER
Spread Pattern Calibration:
Calibration Channel Settings
Min Rate:
100.0
lb/ac
Max Rate:
350.0
lb/ac
Gate Height:
1.250
in

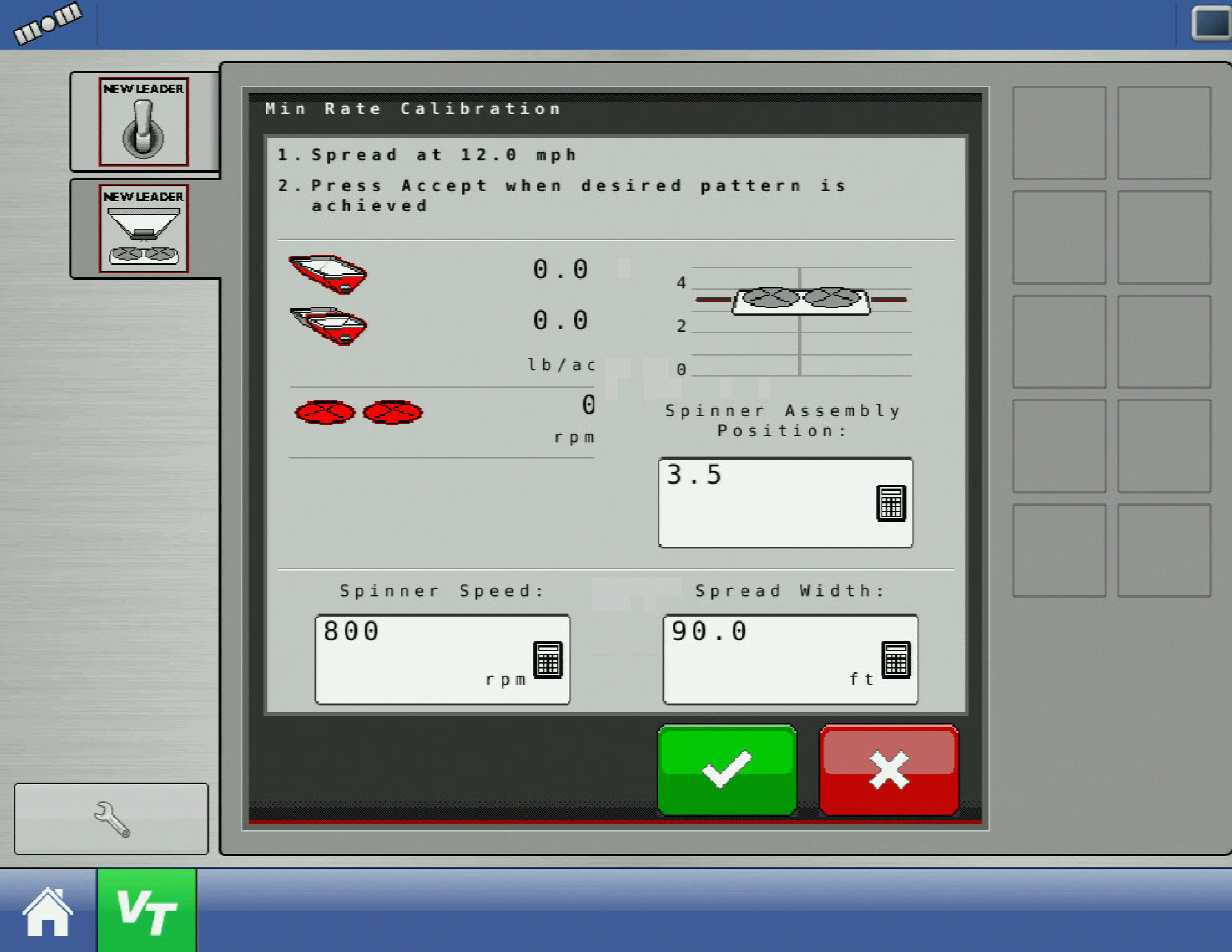

NEW LEADER
NEW LEADER
Spread Pattern Calibration:
Calibration Channel Settings
Min Rate:
0.0
lb/ac
Max Rate:
0.0
lb/ac
Gate Height:
3.000
in
VT

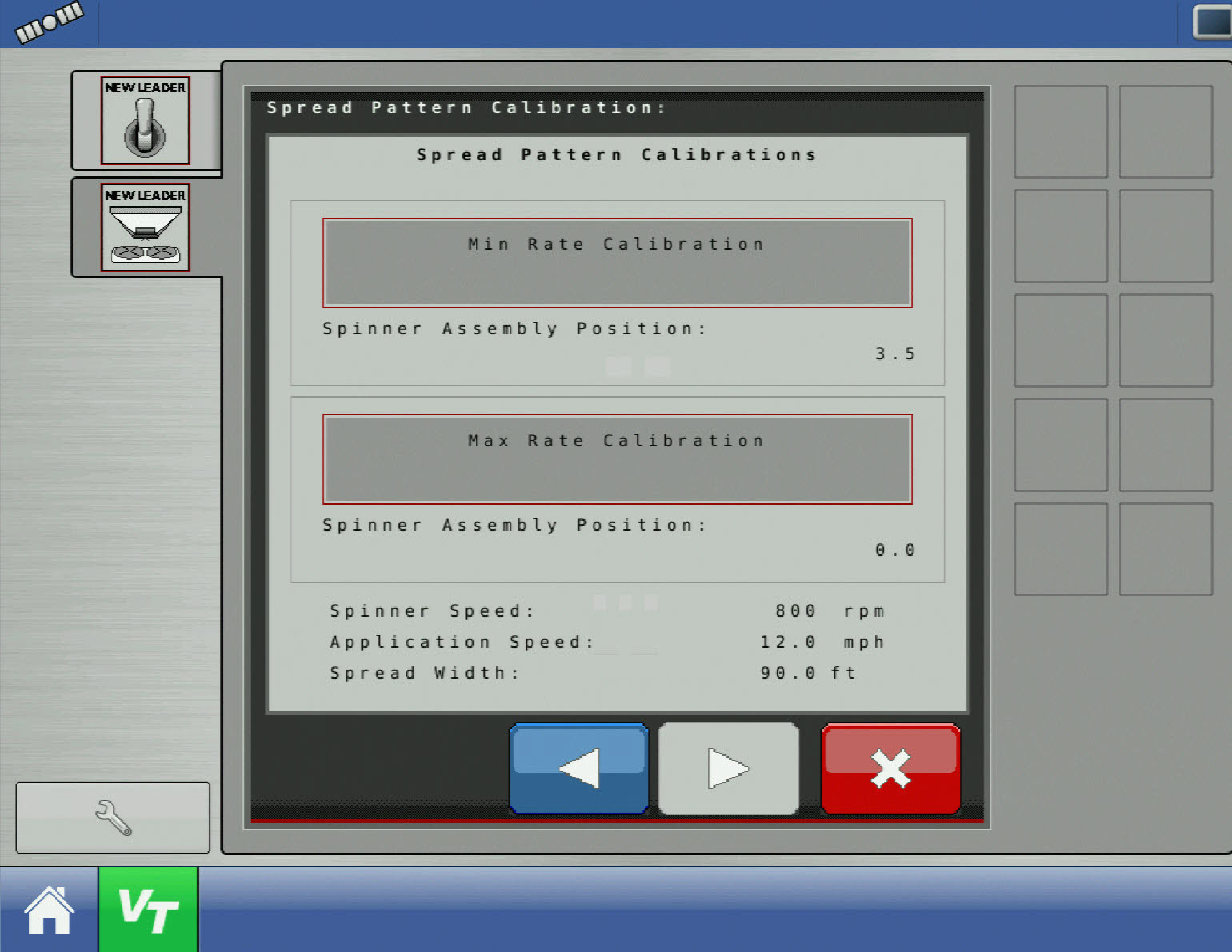

NEW LEADER
NEW LEADER
Feed Gate Optimizer
Manually adjust feed gate to recommended feed gate position.
VT

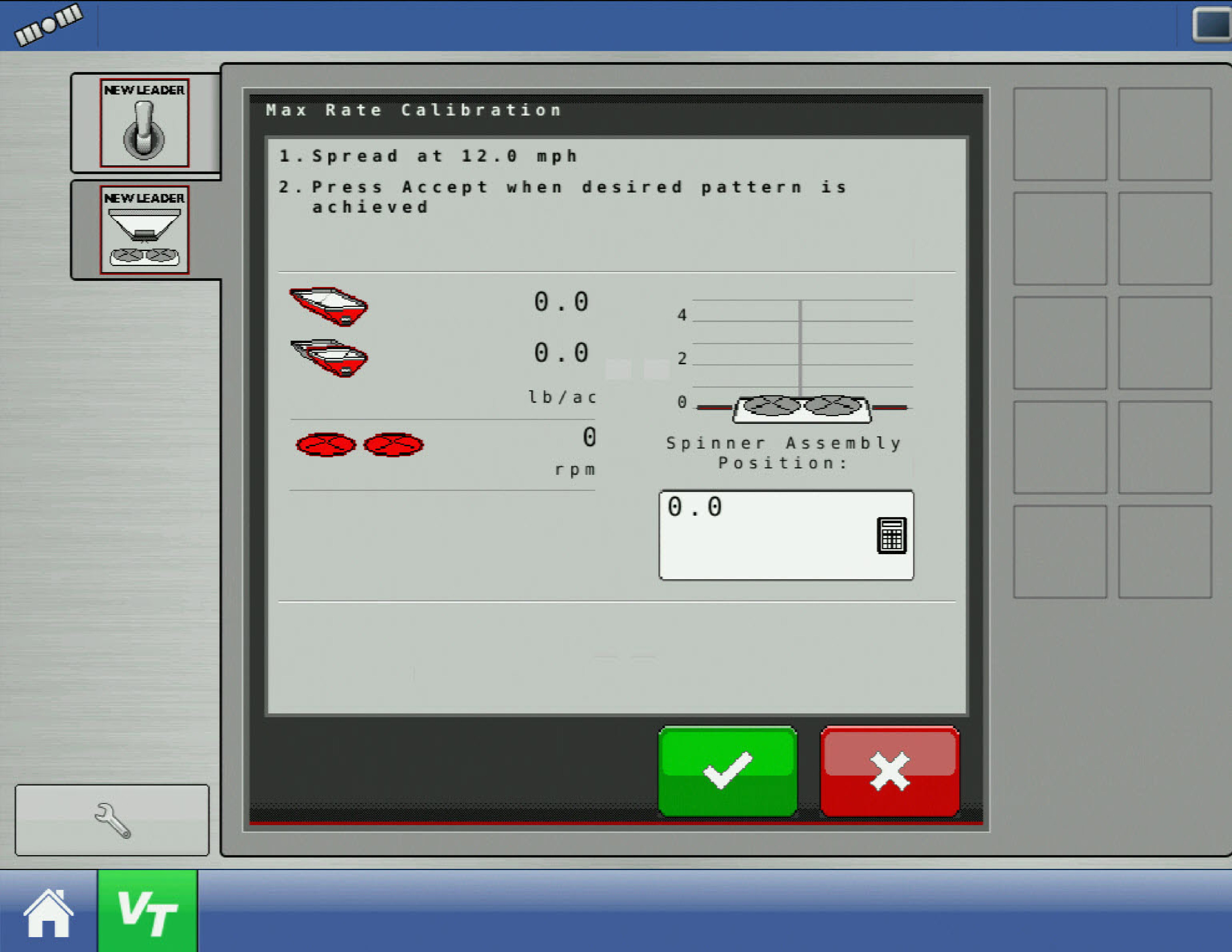

NEW LEADER
NEW LEADER
Spread Pattern Calibration:
Spread Pattern Calibrations
Min Rate Calibration
Spinner Assembly Position:
0.0
Spinner Speed: 800 rpm
Application Speed: 12.0 mph
Spread Width: 90.0 ft
VT

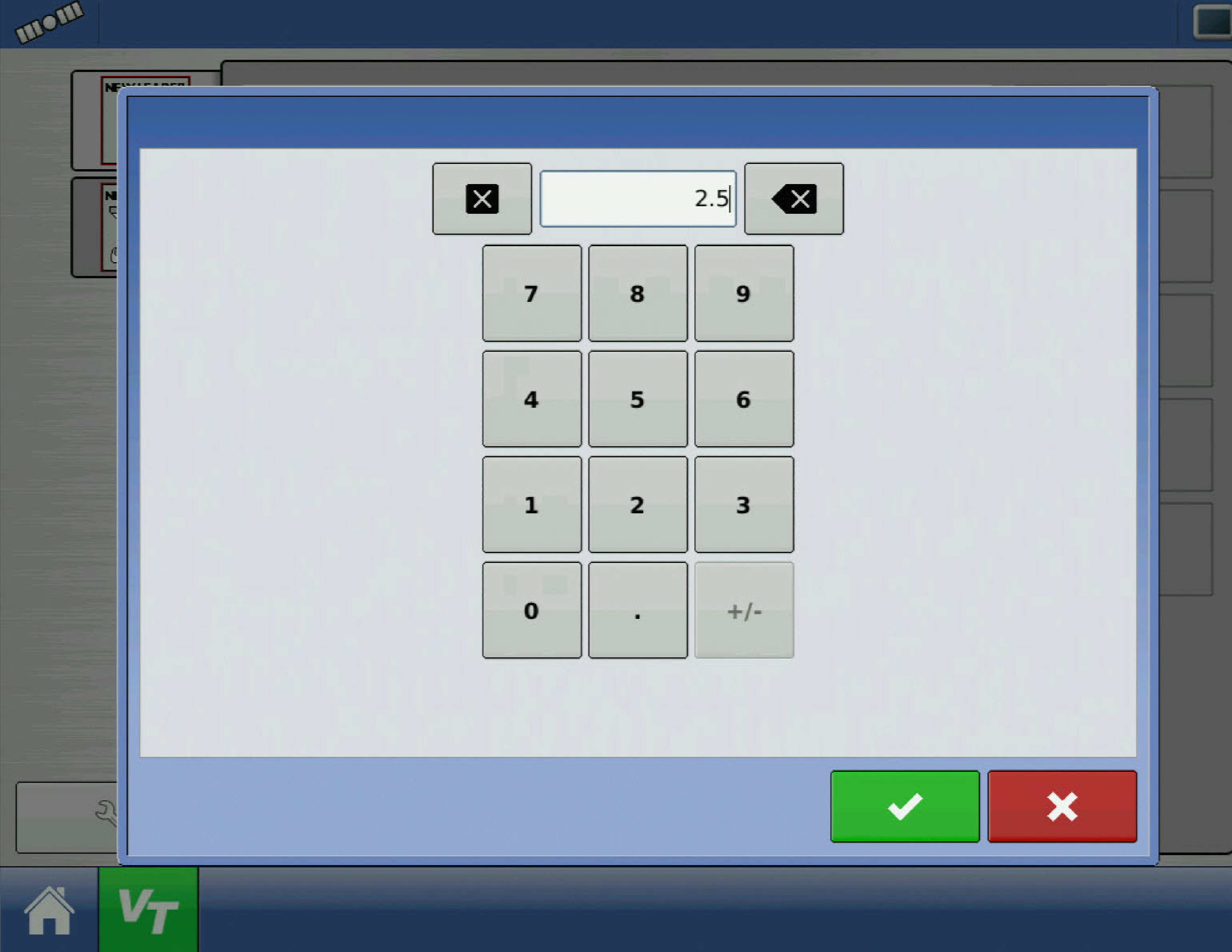

NEW LEADER
NEW LEADER
Min Rate Calibration
1. Spread at 12.0 mph
2. Press Accept when desired pattern is achieved
0.0
0.0
lb/ac
0
rpm
4
2
0
Spinner Assembly Position:
0.0
Spinner Speed:
800
rpm
Spread Width:
90.0
ft
VT

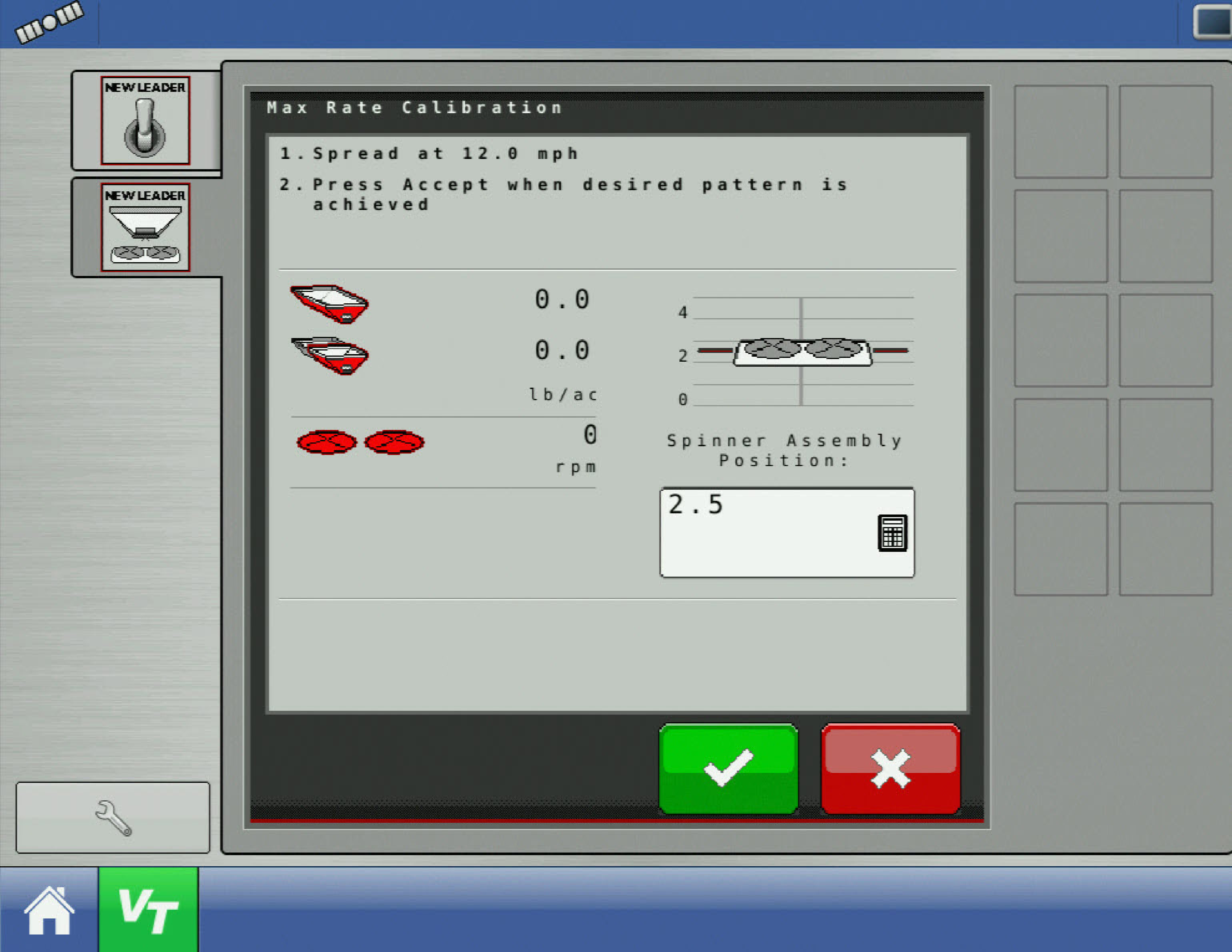

3.5
7
8
9
4
5
6
1
2
3
0
.
+/-


NEW LEADER
NEW LEADER
Min Rate Calibration
1. Spread at 12.0 mph
2. Press Accept when desired pattern is achieved
0.0
0.0
lb/ac
4
2
0
0
rpm
Spinner Assembly Position:
3.5
Spinner Speed:
800
rpm
Spread Width:
90.0
ft
VT

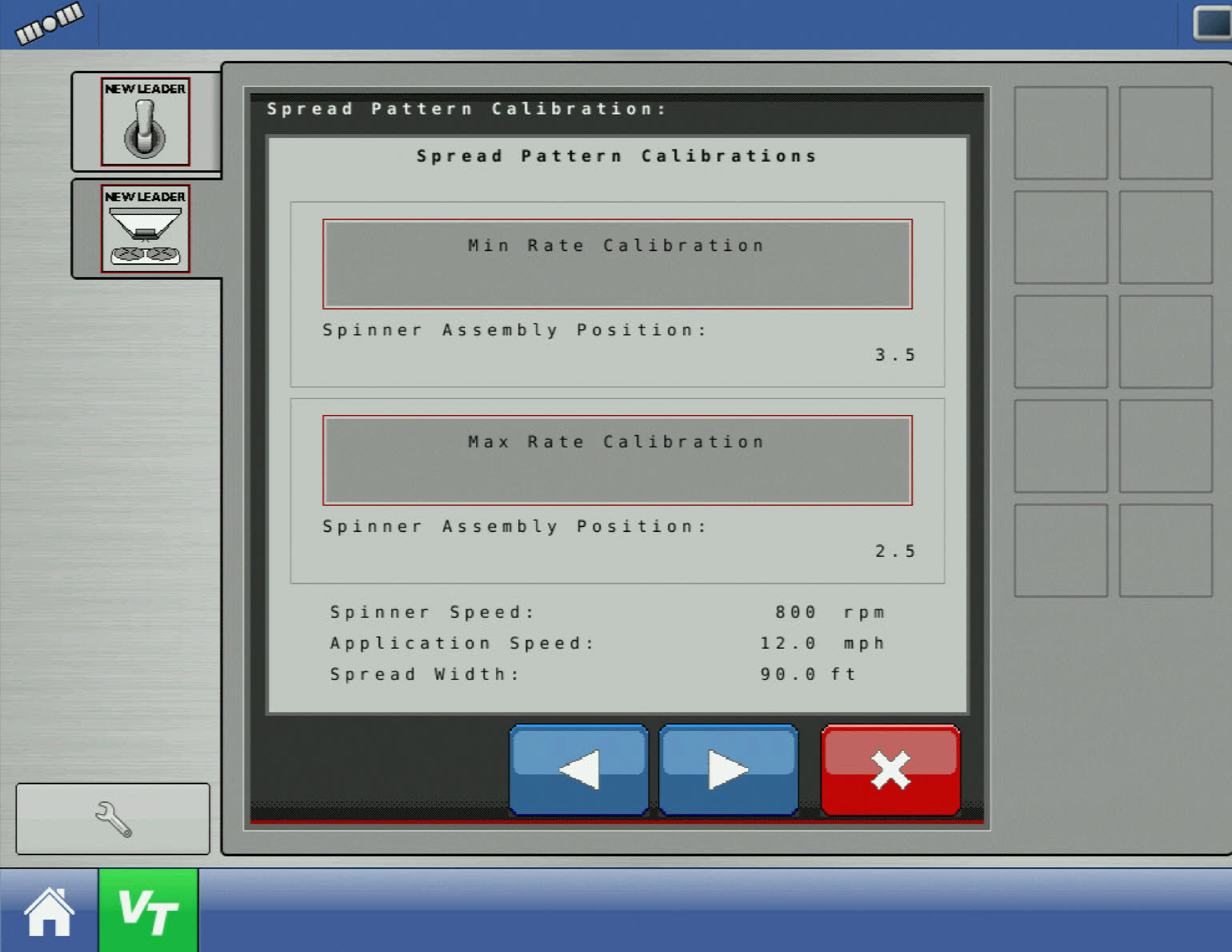

NEW LEADER
NEW LEADER
Spread Pattern Calibration:
Spread Pattern Calibrations
Min Rate Calibration
Spinner Assembly Position:
3.5
Max Rate Calibration
Spinner Assembly Position:
0.0
Spinner Speed: 800 rpm
Application Speed: 12.0 mph
Spread Width: 90.0 ft
VT

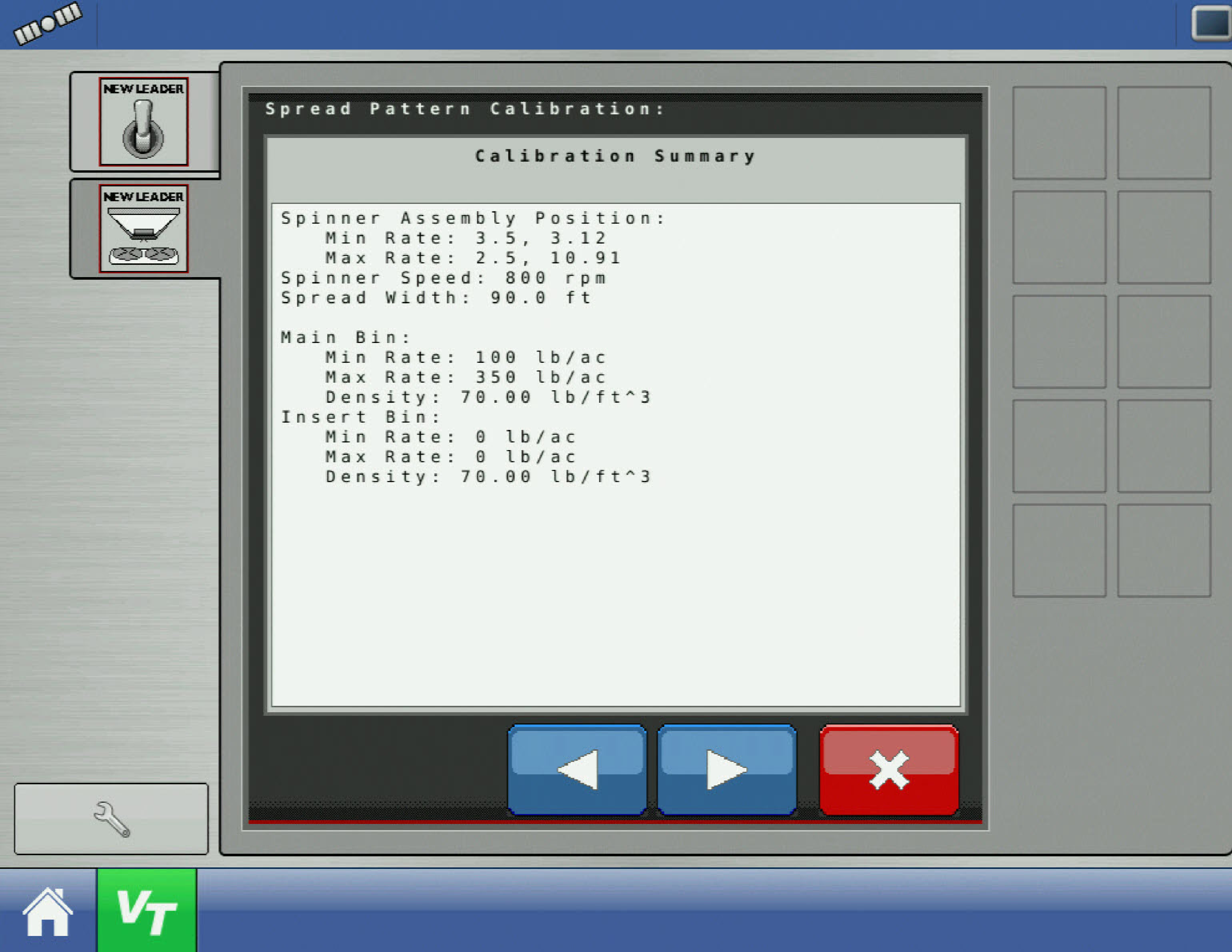

NEW LEADER
NEW LEADER
Max Rate Calibration
1. Spread at 12.0 mph
2. Press Accept when desired pattern is achieved
0.0
0.0
lb/ac
0
rpm
4
2
0
Spinner Assembly Position:
0.0
VT

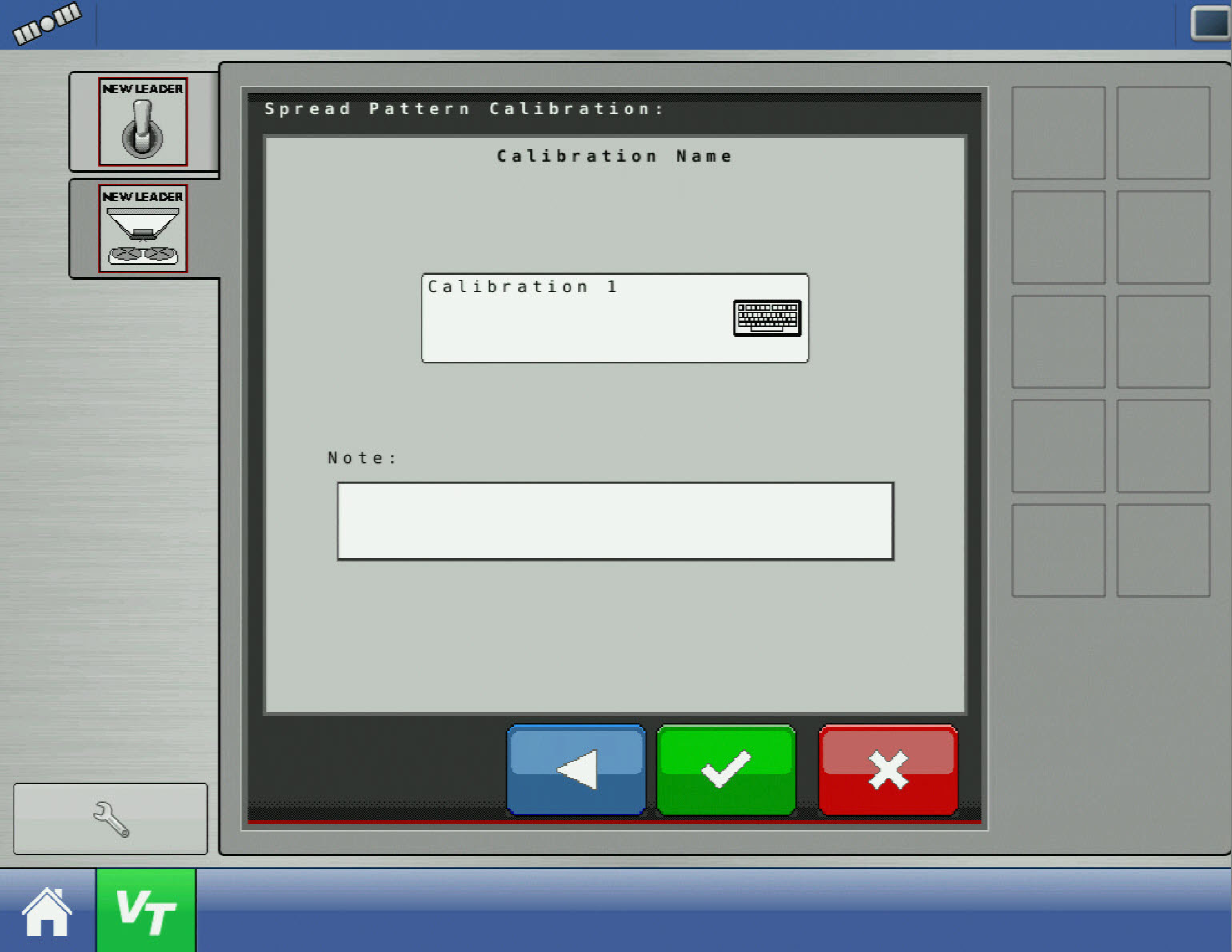

2.5
7
8
9
4
5
6
1
2
3
0
.
+/-
VT

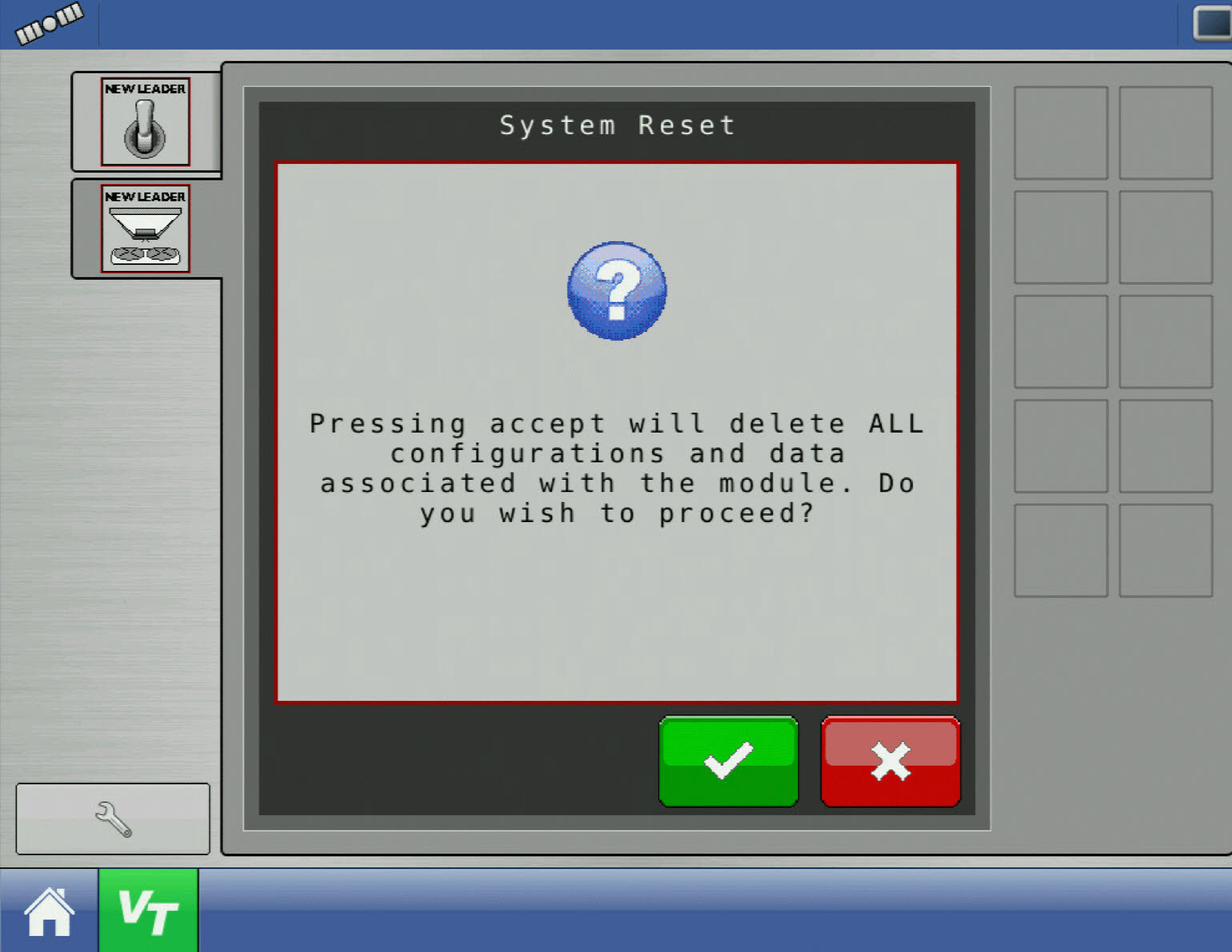


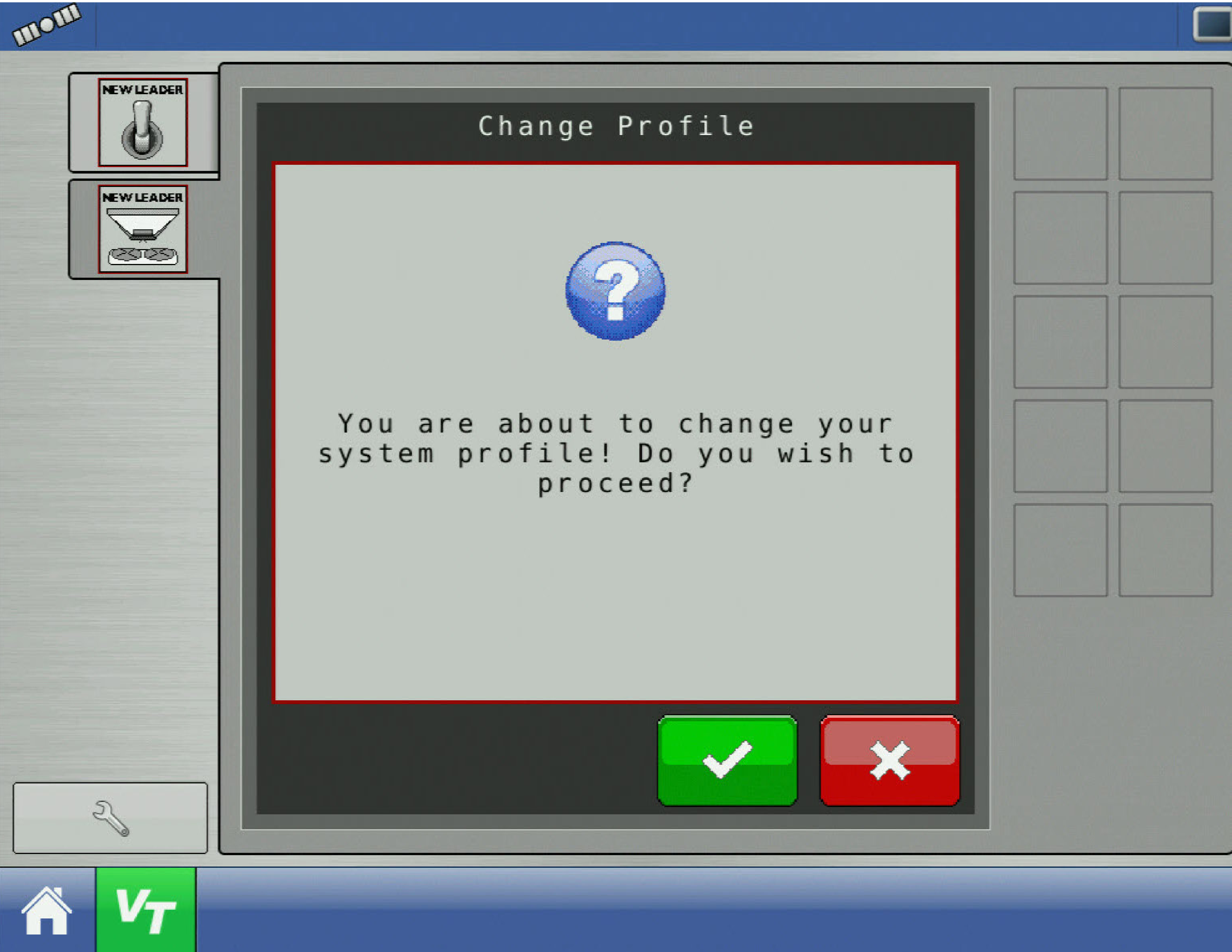
NEW LEADER
NEW LEADER
Max Rate Calibration
1. Spread at 12.0 mph
2. Press Accept when desired pattern is achieved
0.0
0.0
lb/ac
0
rpm
4
2
0
Spinner Assembly Position:
2.5
VT


NEW LEADER
NEW LEADER
Spread Pattern Calibration:
Spread Pattern Calibrations
Min Rate Calibration
Spinner Assembly Position:
3.5
Max Rate Calibration
Spinner Assembly Position:
2.5
Spinner Speed: 800 rpm
Application Speed: 12.0 mph
Spread Width: 90.0 ft
VT

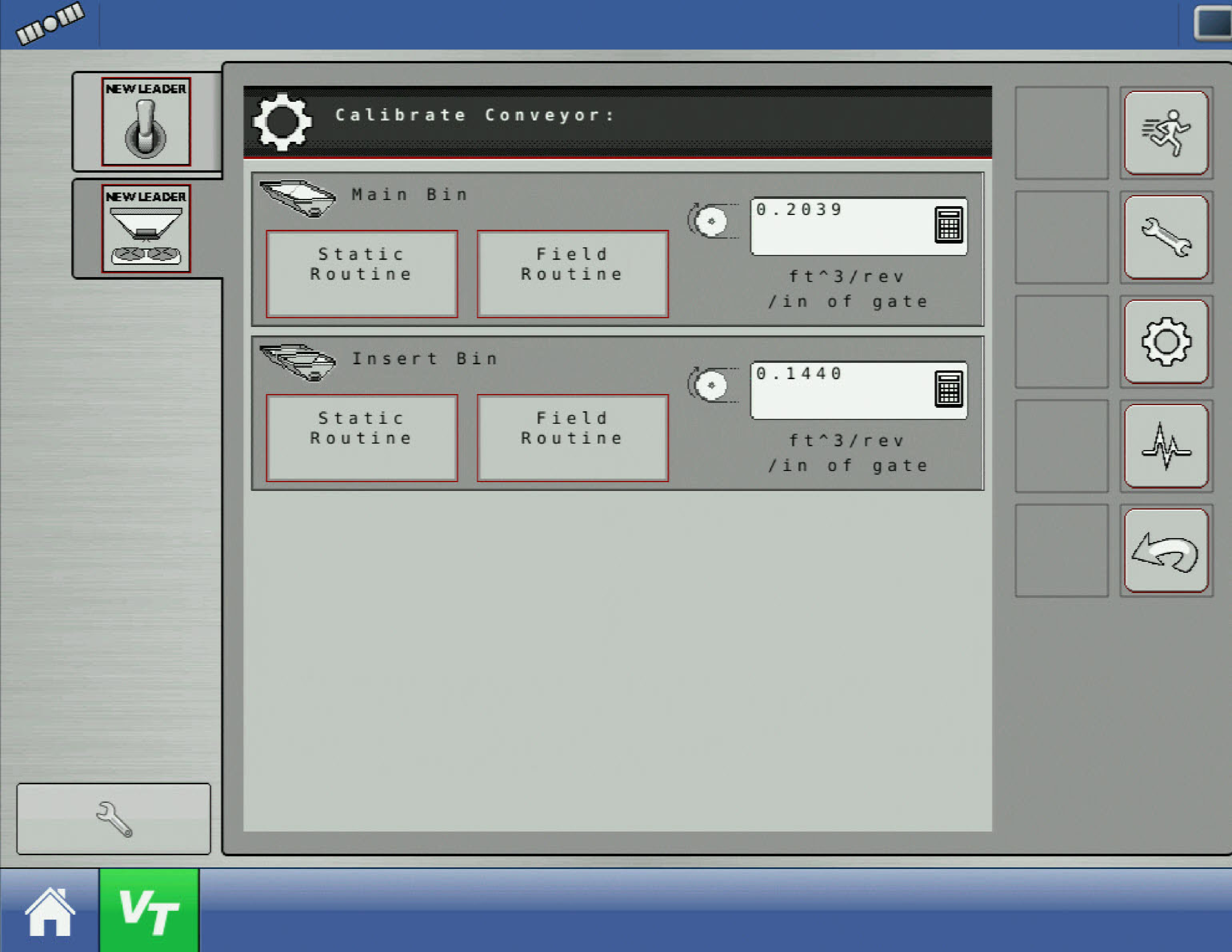

NEW LEADER
NEW LEADER
Spread Pattern Calibration:
Calibration Summary
Spinner Assembly Position:
Min Rate: 3.5, 3.12
Max Rate: 2.5, 10.91
Spinner Speed: 800 rpm
Spread Width: 90.0 ft
Main Bin:
Min Rate: 100 lb/ac
Max Rate: 350 lb/ac
Density: 70.00 lb/ft^3
Insert Bin:
Min Rate: 0 lb/ac
Max Rate: 0 lb/ac
Density: 70.00 lb/ft^3
VT

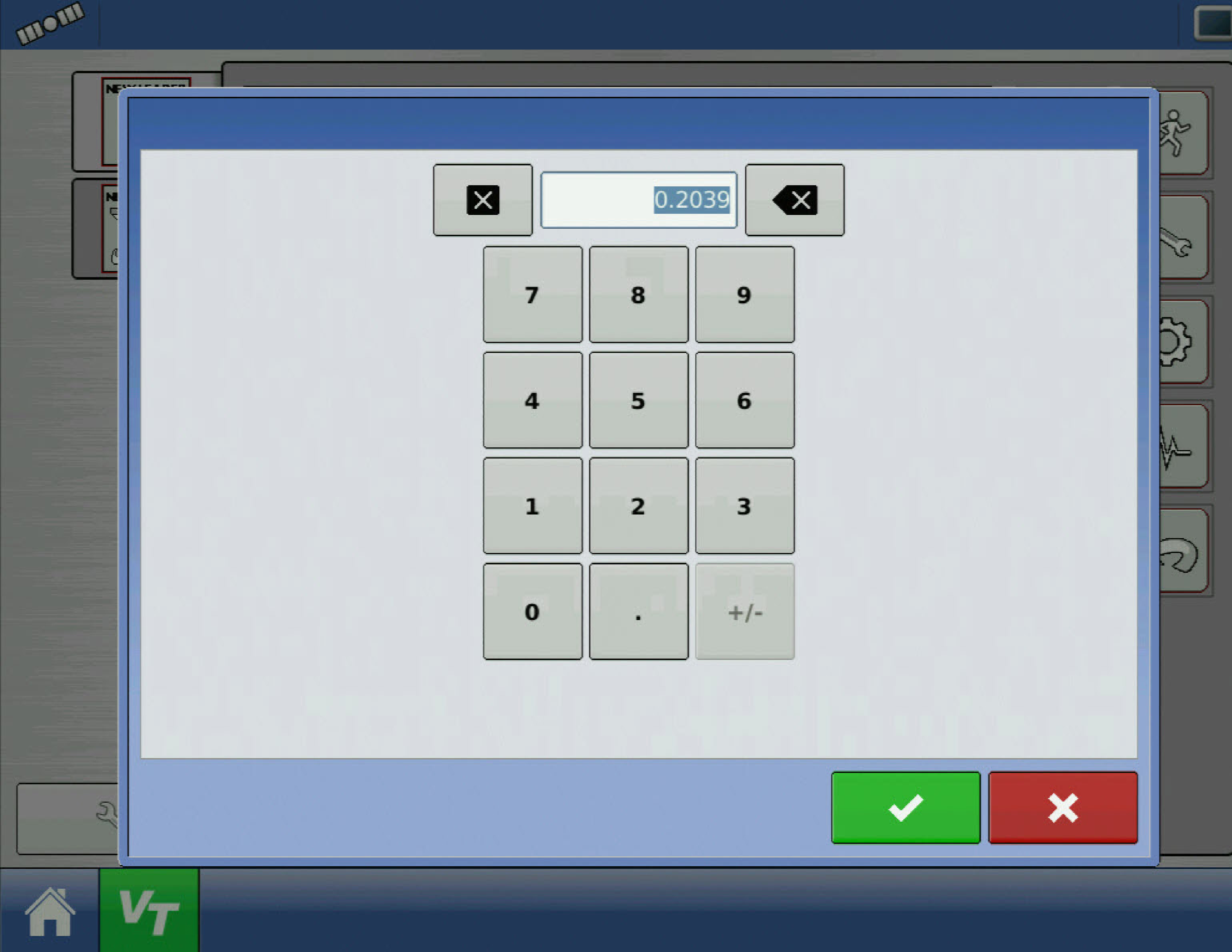

NEW LEADER
NEW LEADER
Spread Pattern Calibration:
Calibration Name
Calibration 1
Note:
VT

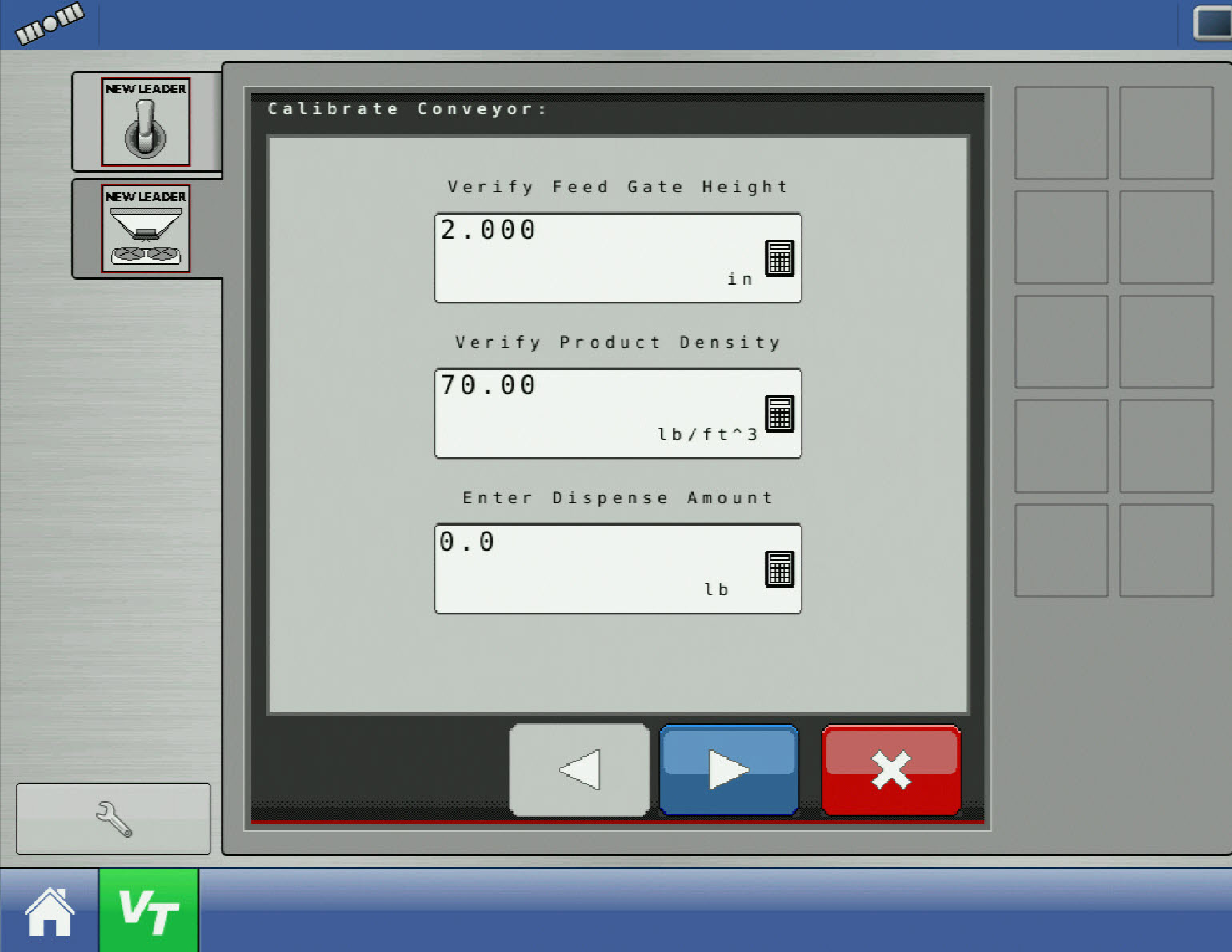

NEW LEADER
NEW LEADER
System Reset
Pressing accept will delete ALL configurations and data associated with the module. Do you wish to proceed?
VT

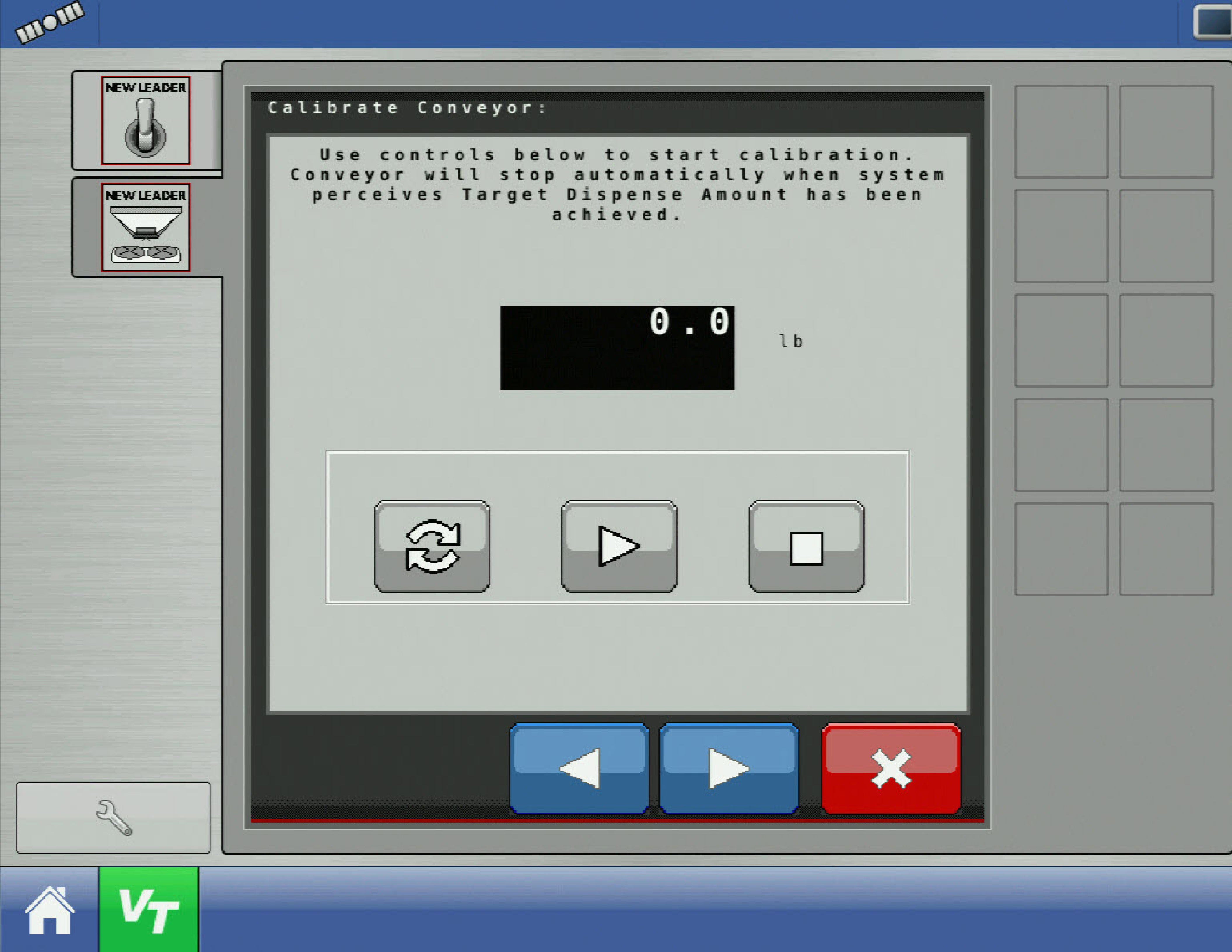

NEW LEADER
NEW LEADER
Change Profile
You are about to change your system profile! Do you wish to proceed?
VT

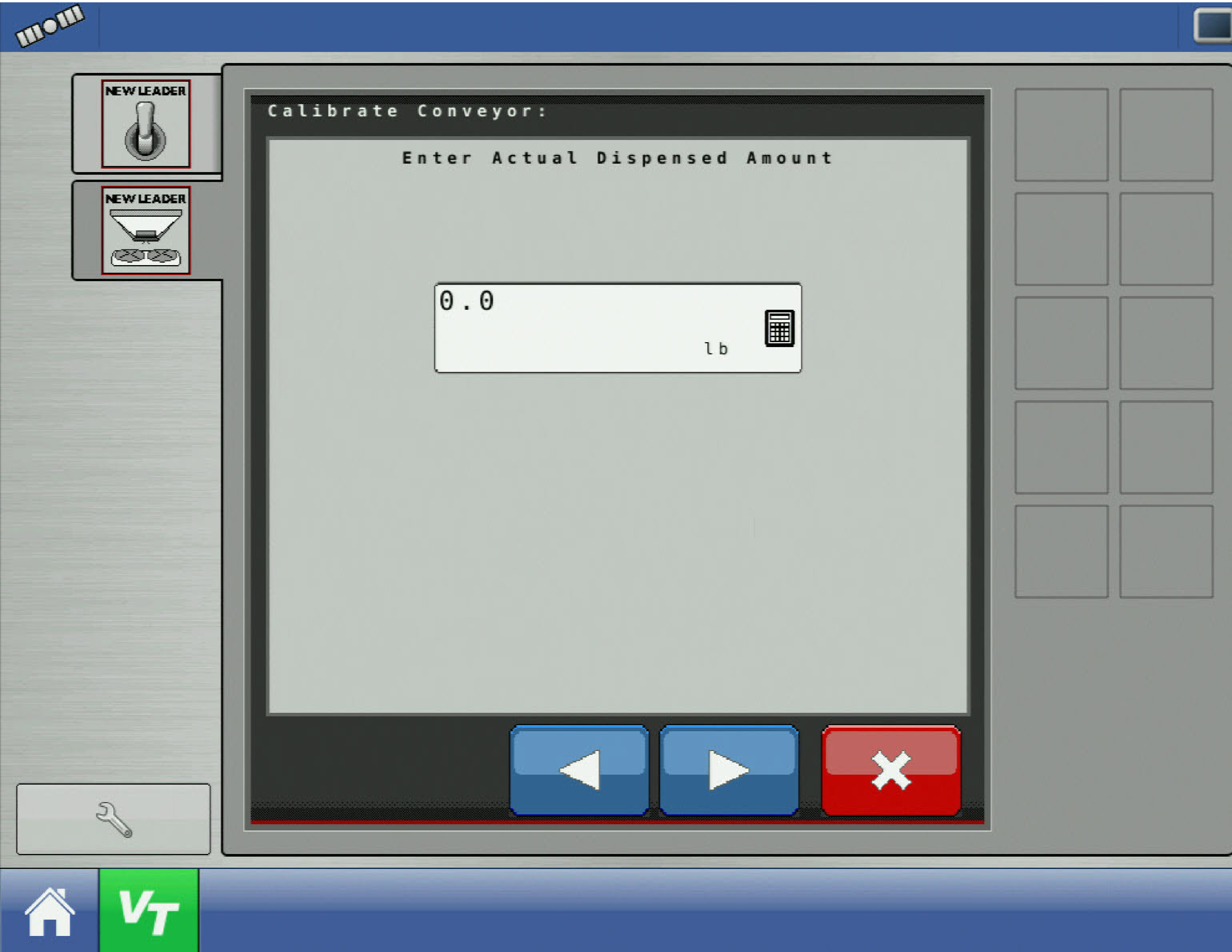

NEW LEADER
NEW LEADER
Calibration
Conveyor
Gate Height
Rate Encoder
Spinner
Spinner Assembly
VT

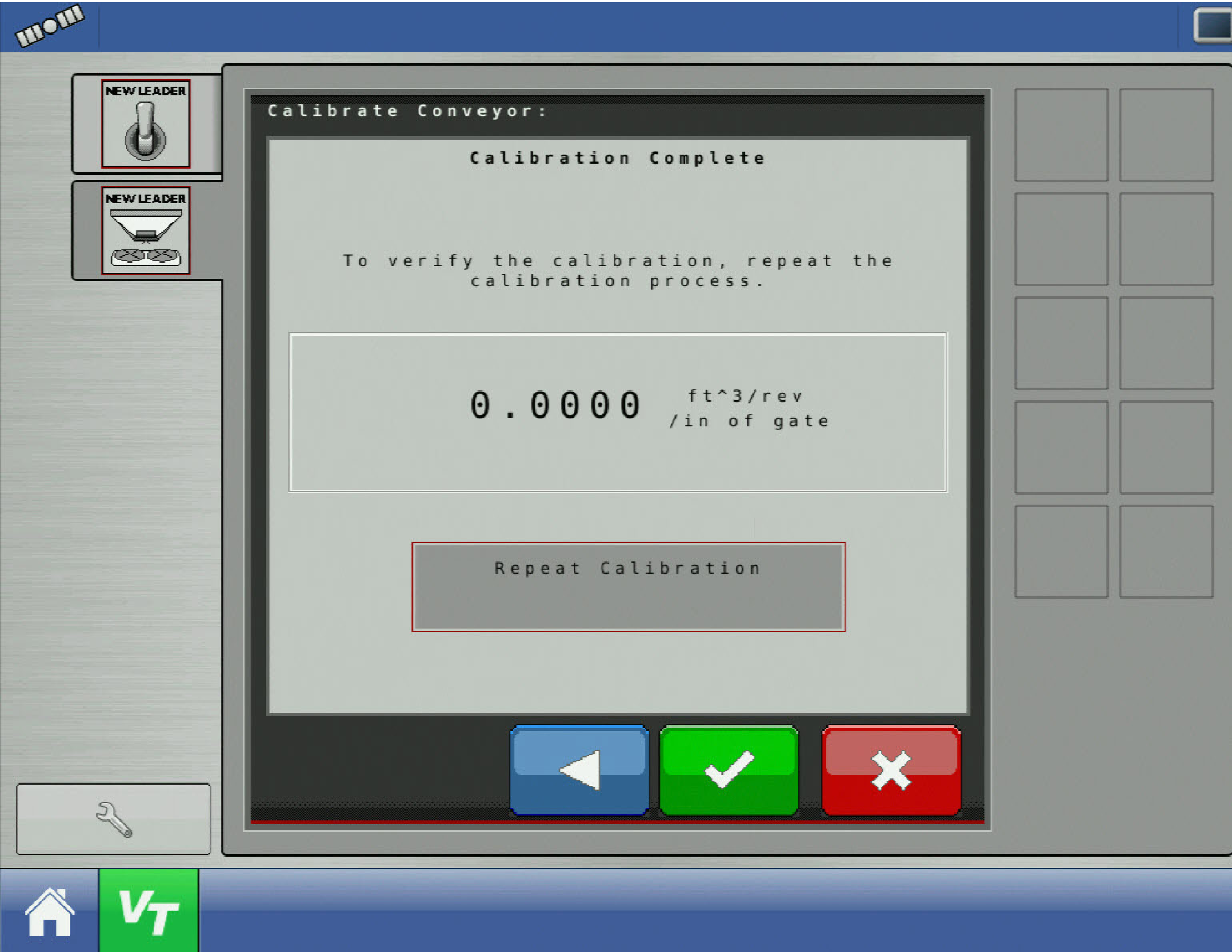

NEW LEADER
NEW LEADER
Calibrate Conveyor:
Main Bin
Static Routine
Field Routine
0.2039
ft^3/rev /in of gate
Insert Bin
Static Routine
Field Routine
0.1440
ft^3/rev /in of gate
VT

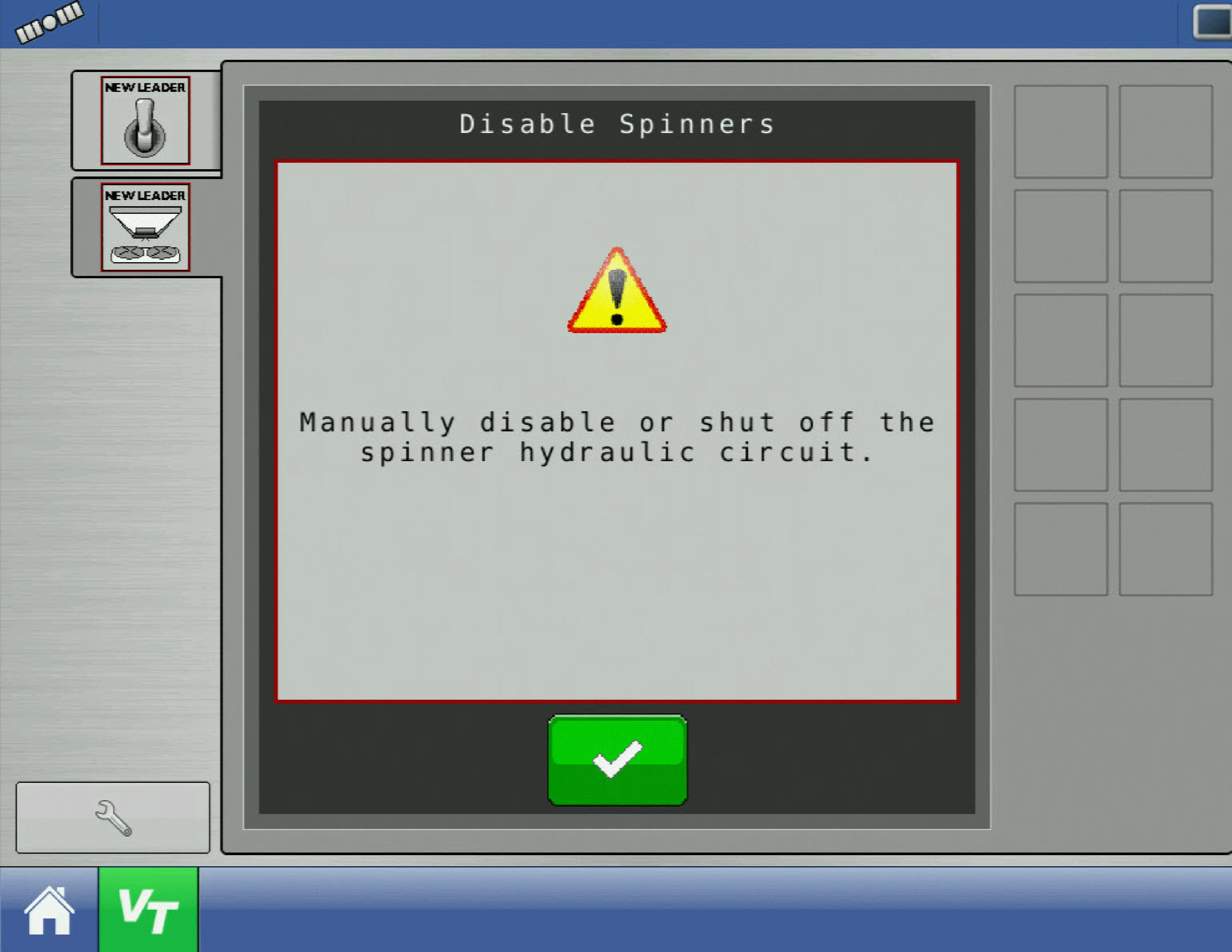

0.2039
7
8
9
4
5
6
1
2
3
0
.
+/-
VT

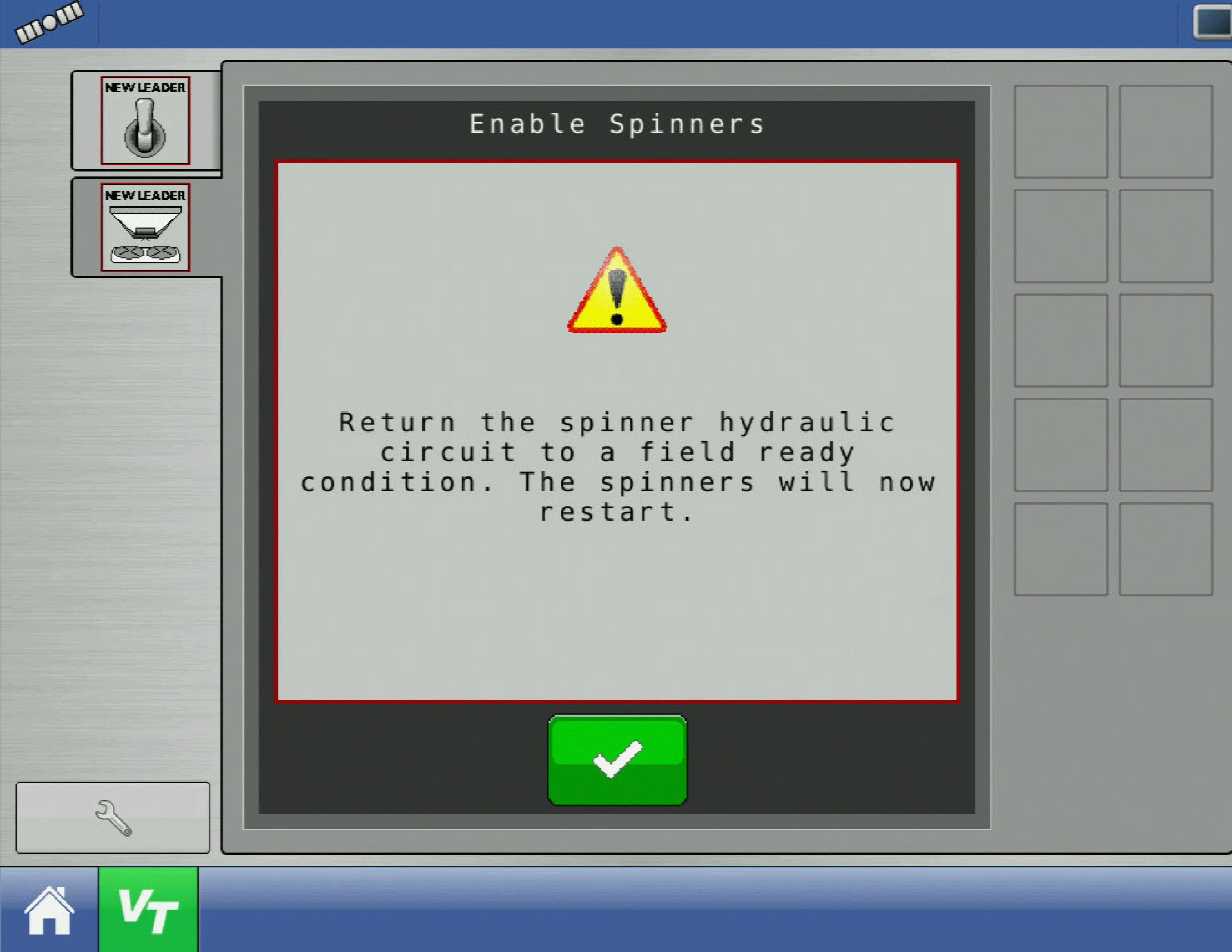

NEW LEADER
NEW LEADER
Calibrate Conveyor:
Verify Feed Gate Height
2.000
in
Verify Product Density
70.00
lb/ft^3
Enter Dispense Amount
0.0
lb
VT

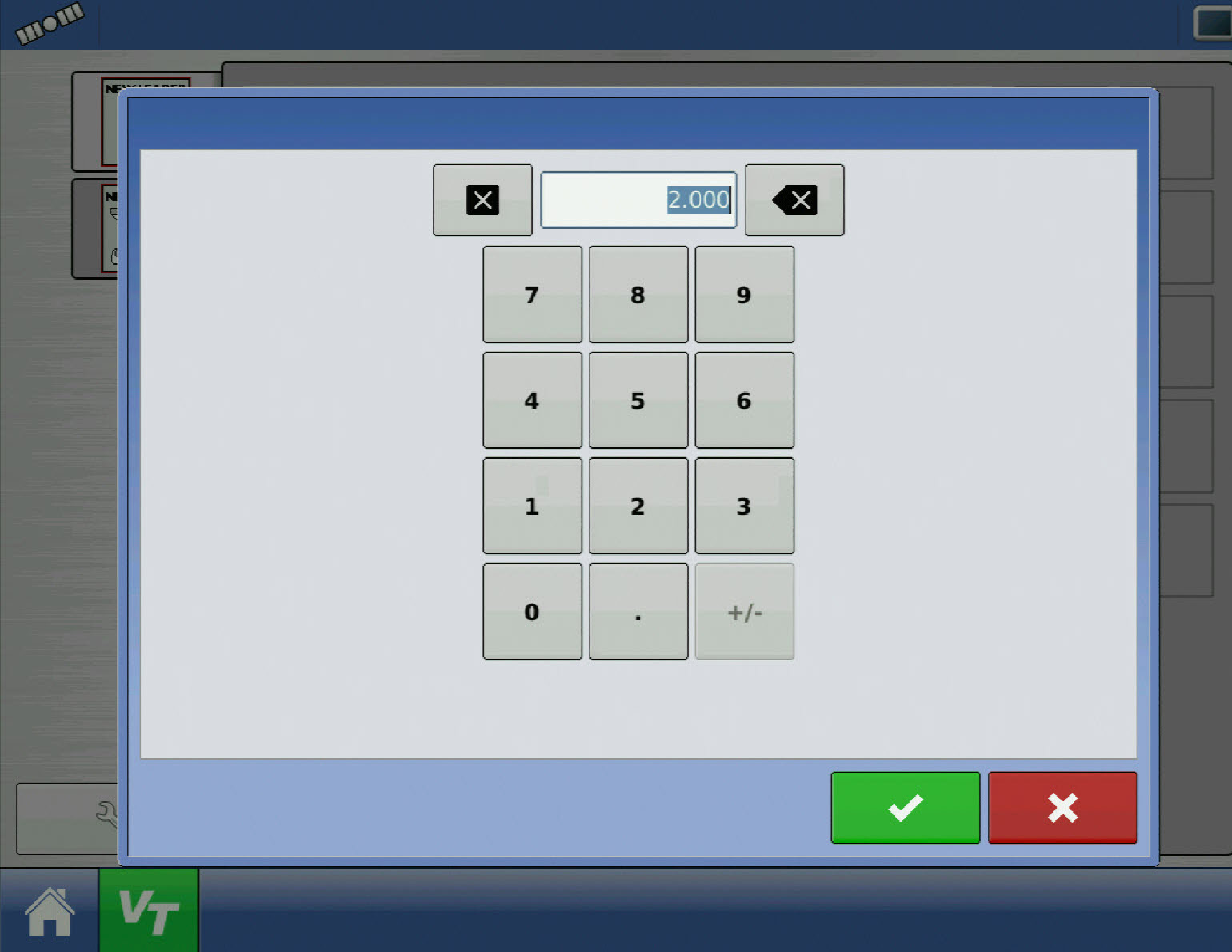

NEW LEADER
NEW LEADER
Calibrate Conveyor:
Use controls below to start calibration. Conveyor will stop automatically when system perceives Target Dispense Amount has been achieved.
0.0
lb
VT

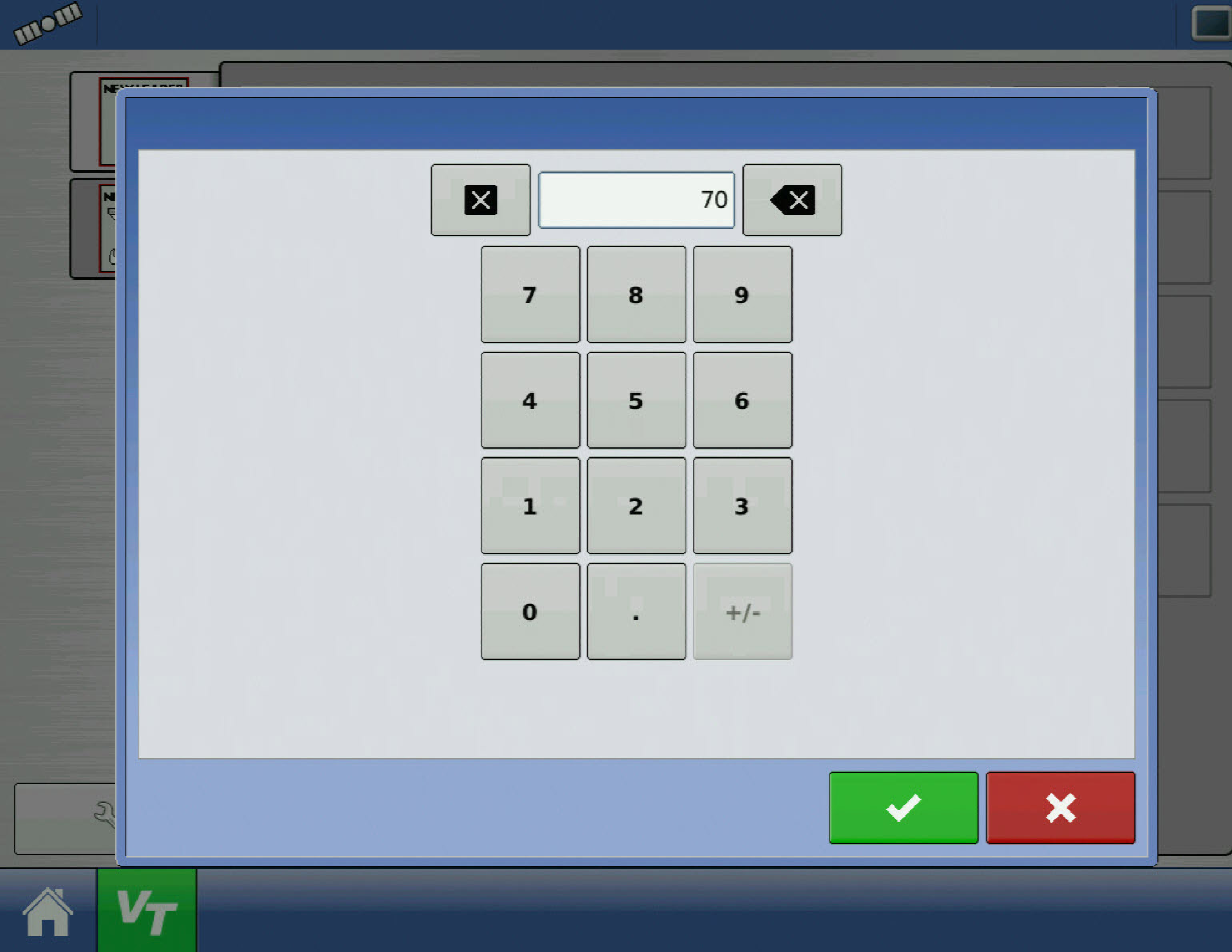

NEW LEADER
NEW LEADER
Calibrate Conveyor:
Enter Actual Dispensed Amount
0.0
lb

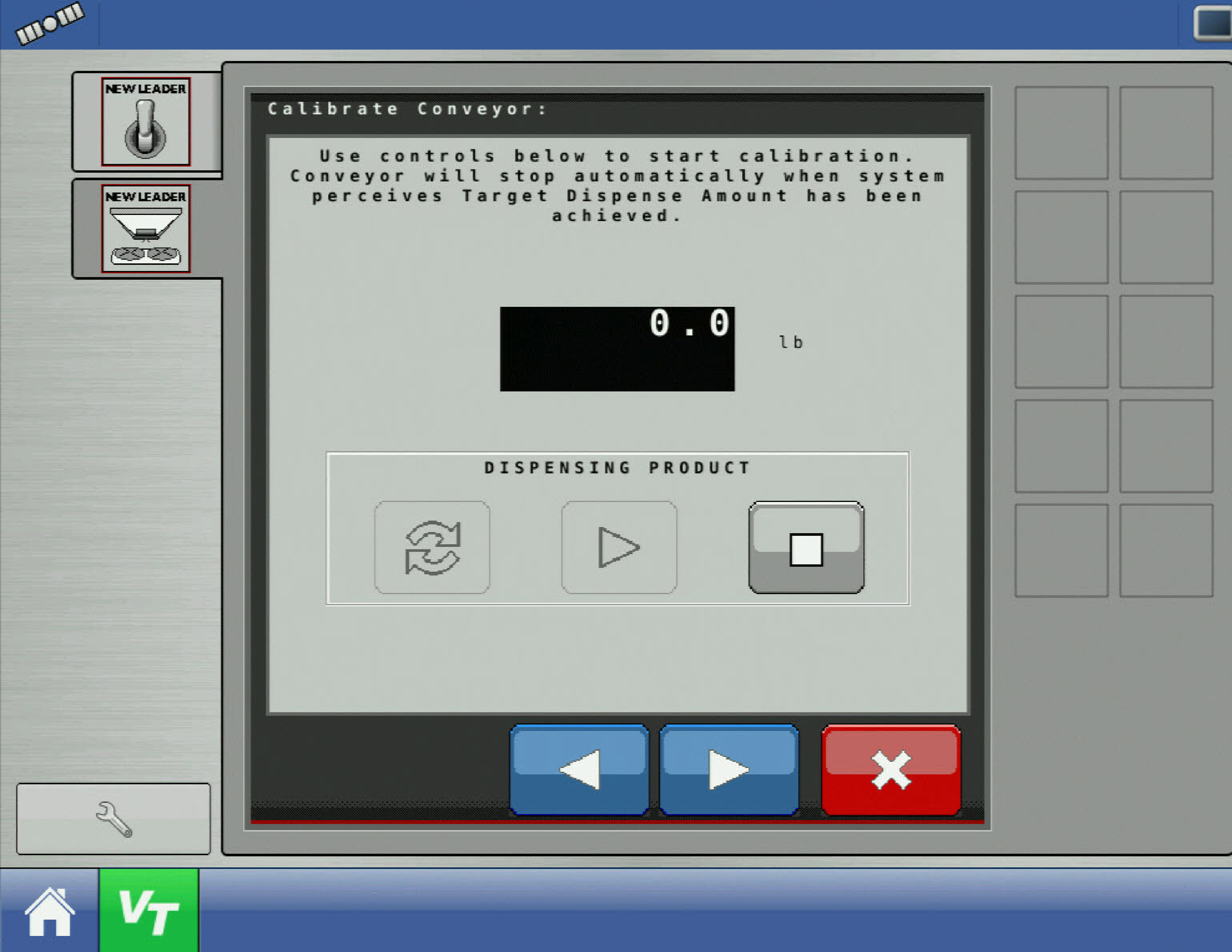

NEW LEADER
NEW LEADER
Calibrate Conveyor:
Calibration Complete
To verify the calibration, repeat the calibration process.
0.0000 ft^3/rev /in of gate
Repeat Calibration
VT

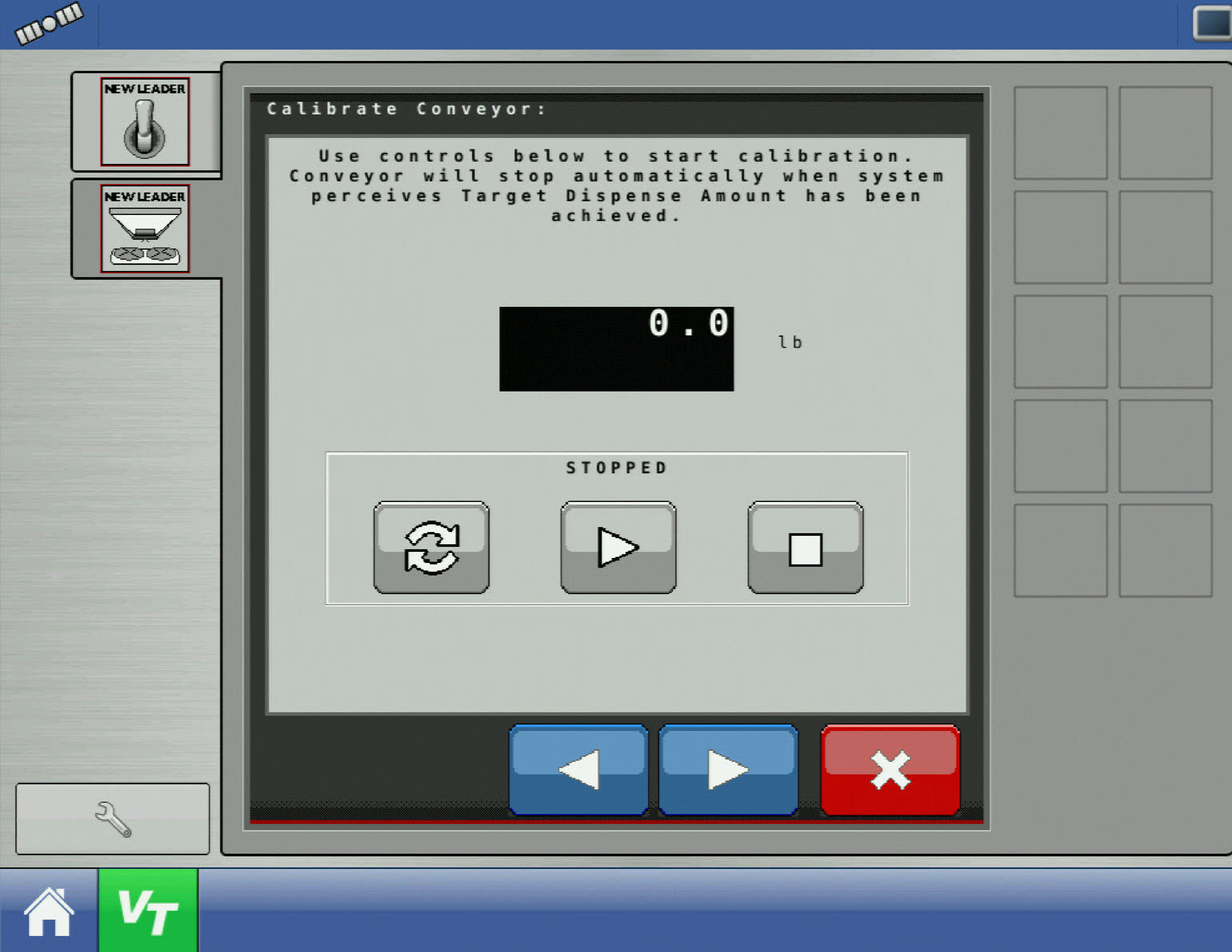

NEW LEADER
NEW LEADER
Disable Spinners
Manually disable or shut off the spinner hydraulic circuit.
VT

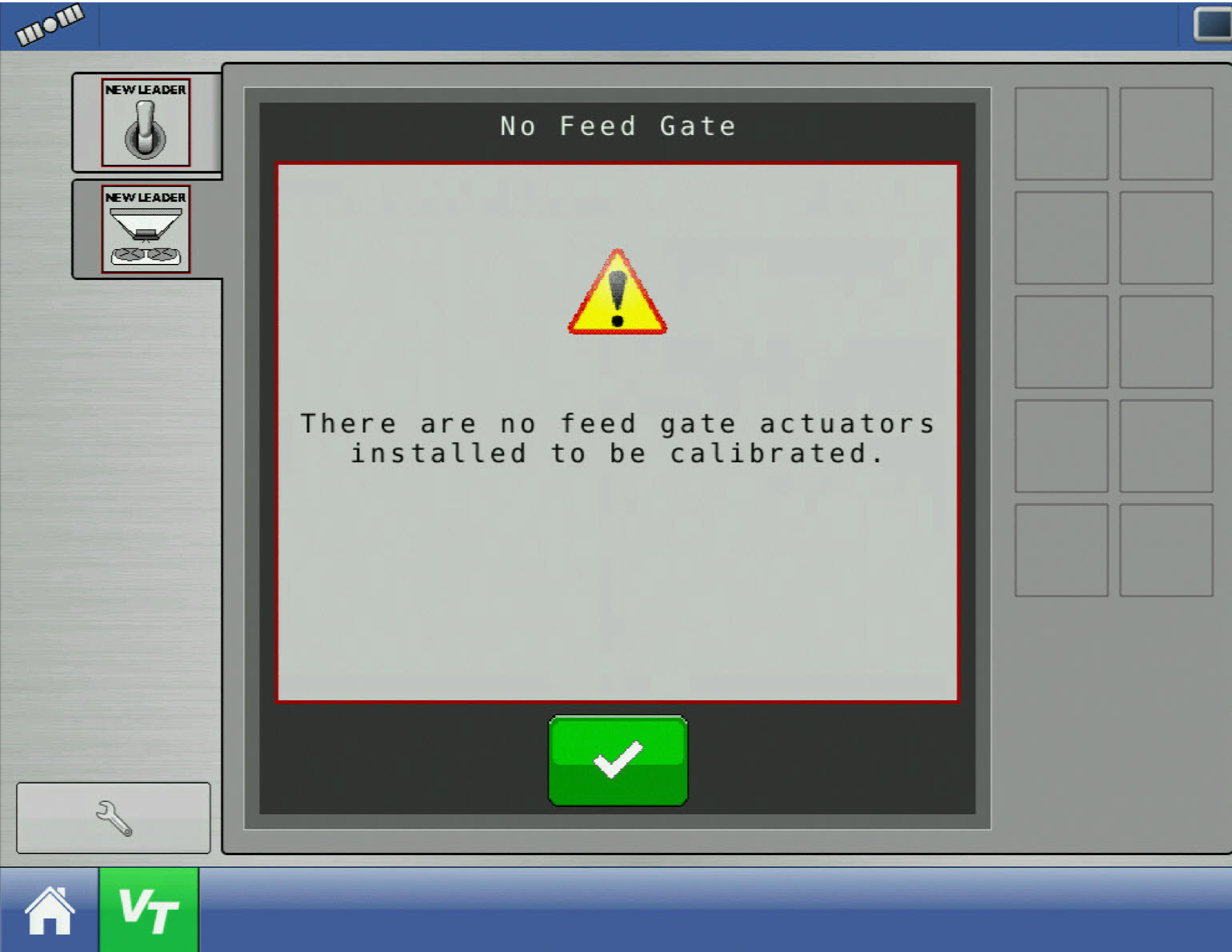

NEW LEADER
NEW LEADER
Enable Spinners
Return the spinner hydraulic circuit to a field ready condition. The spinners will now restart.
VT


2.000
7
8
9
4
5
6
1
2
3
0
.
+/-
VT

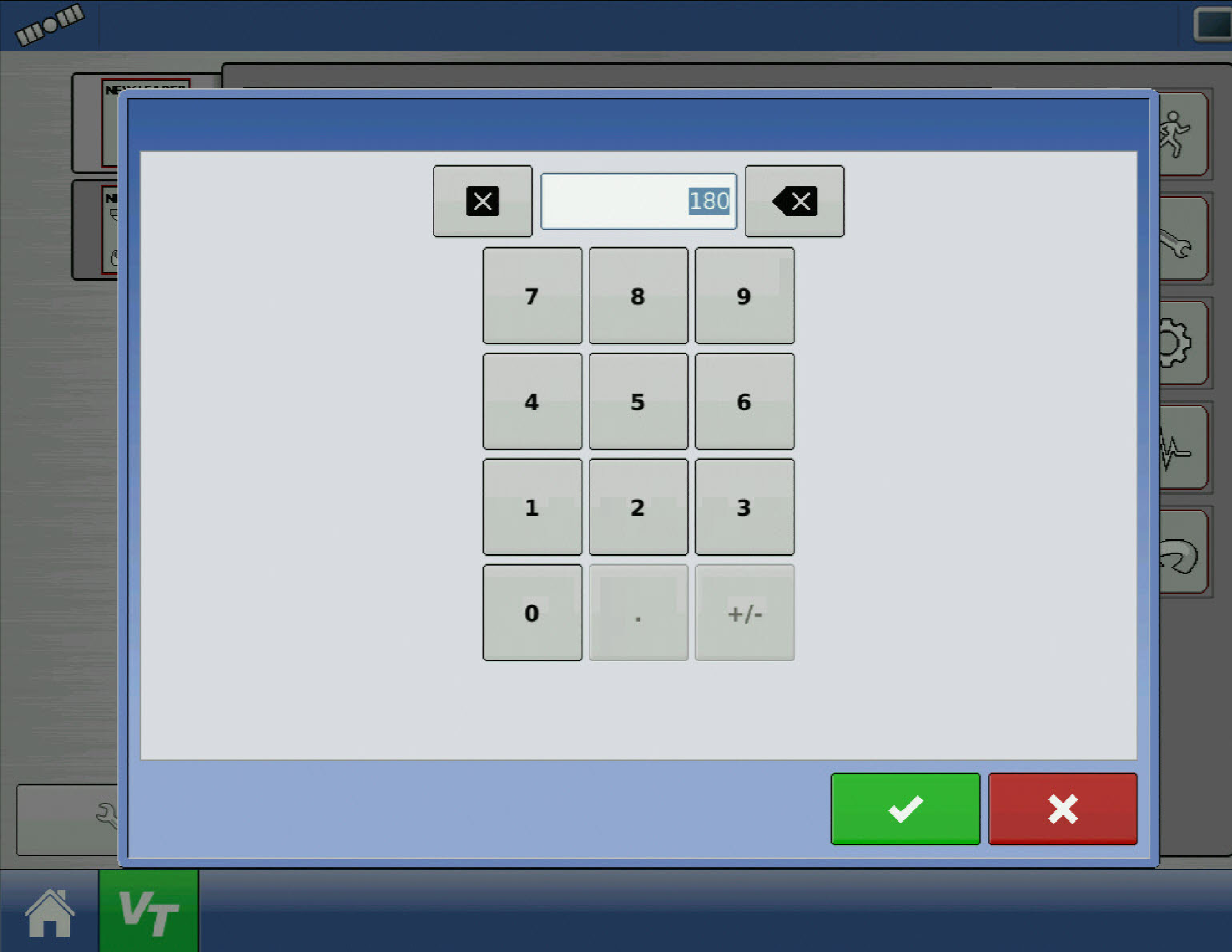

70
7
8
9
4
5
6
1
2
3
0
.
+/-

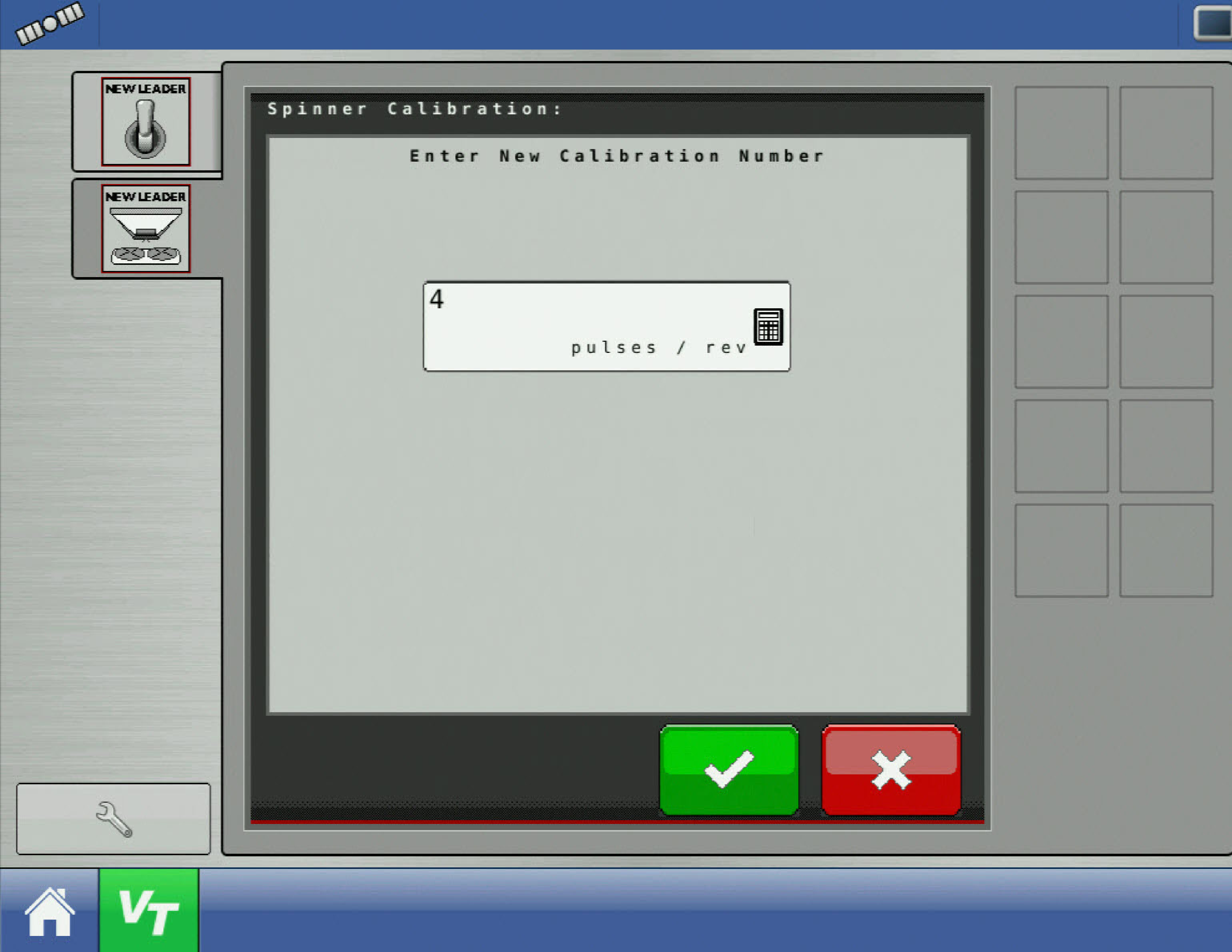

NEW LEADER
NEW LEADER
Calibrate Conveyor:
Use controls below to start calibration.
Conveyor will stop automatically when system
perceives Target Dispense Amount has been
achieved.
0.0
lb
DISPENSING PRODUCT
VT

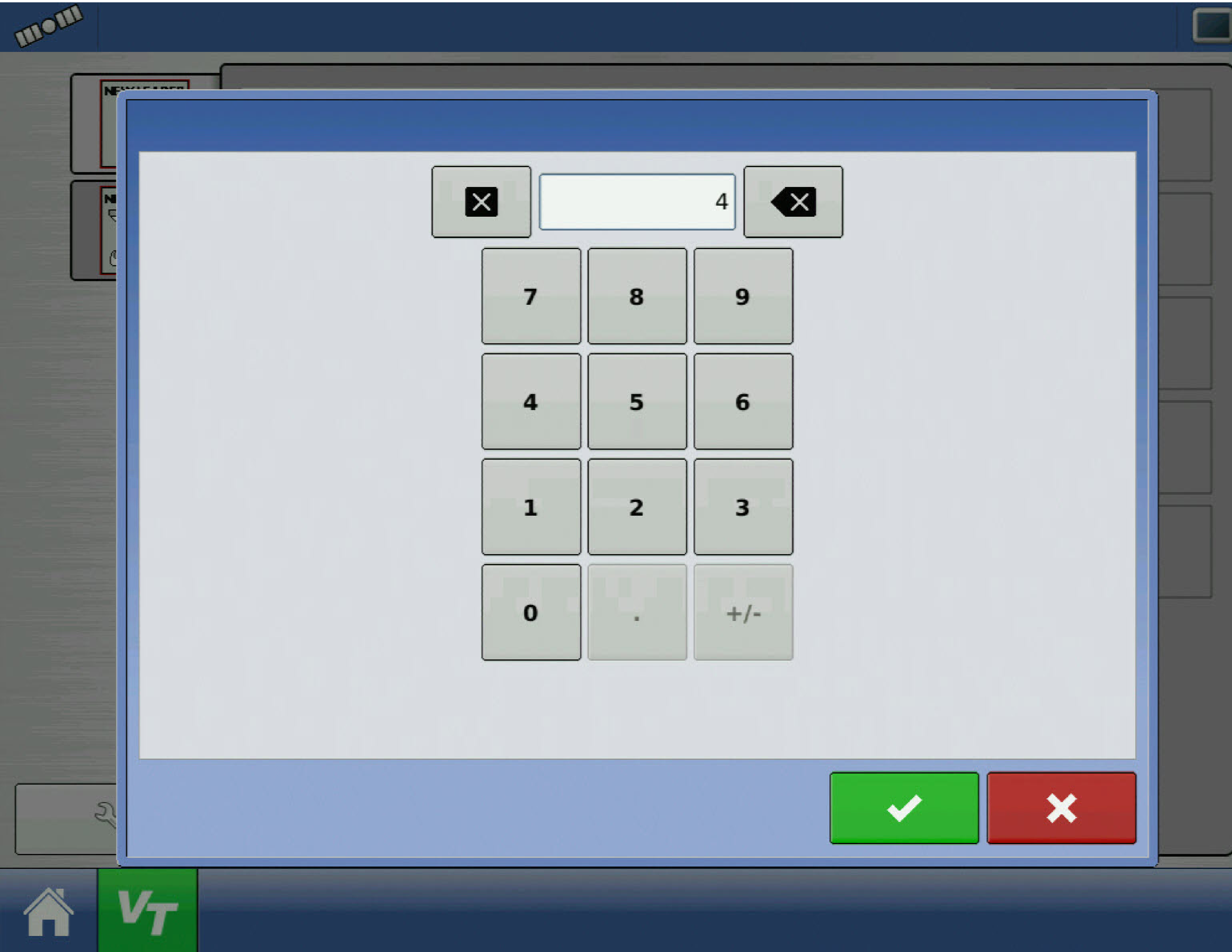

NEW LEADER
NEW LEADER
Calibrate Conveyor:
Use controls below to start calibration.
Conveyor will stop automatically when system
perceives Target Dispense Amount has been
achieved.
0.0
lb
STOPPED
VT

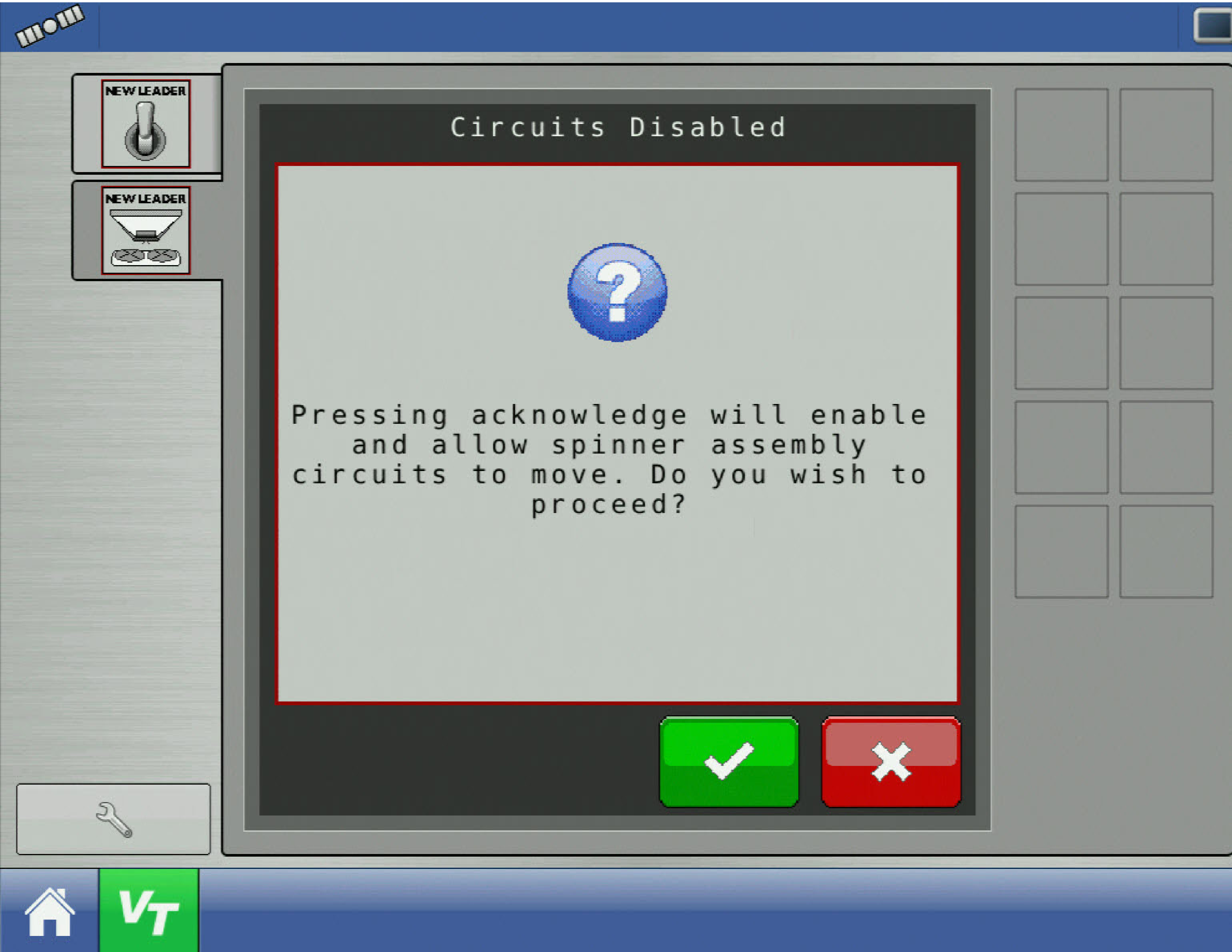

NEW LEADER
NEW LEADER
No Feed Gate
There are no feed gate actuators installed to be calibrated.
VT

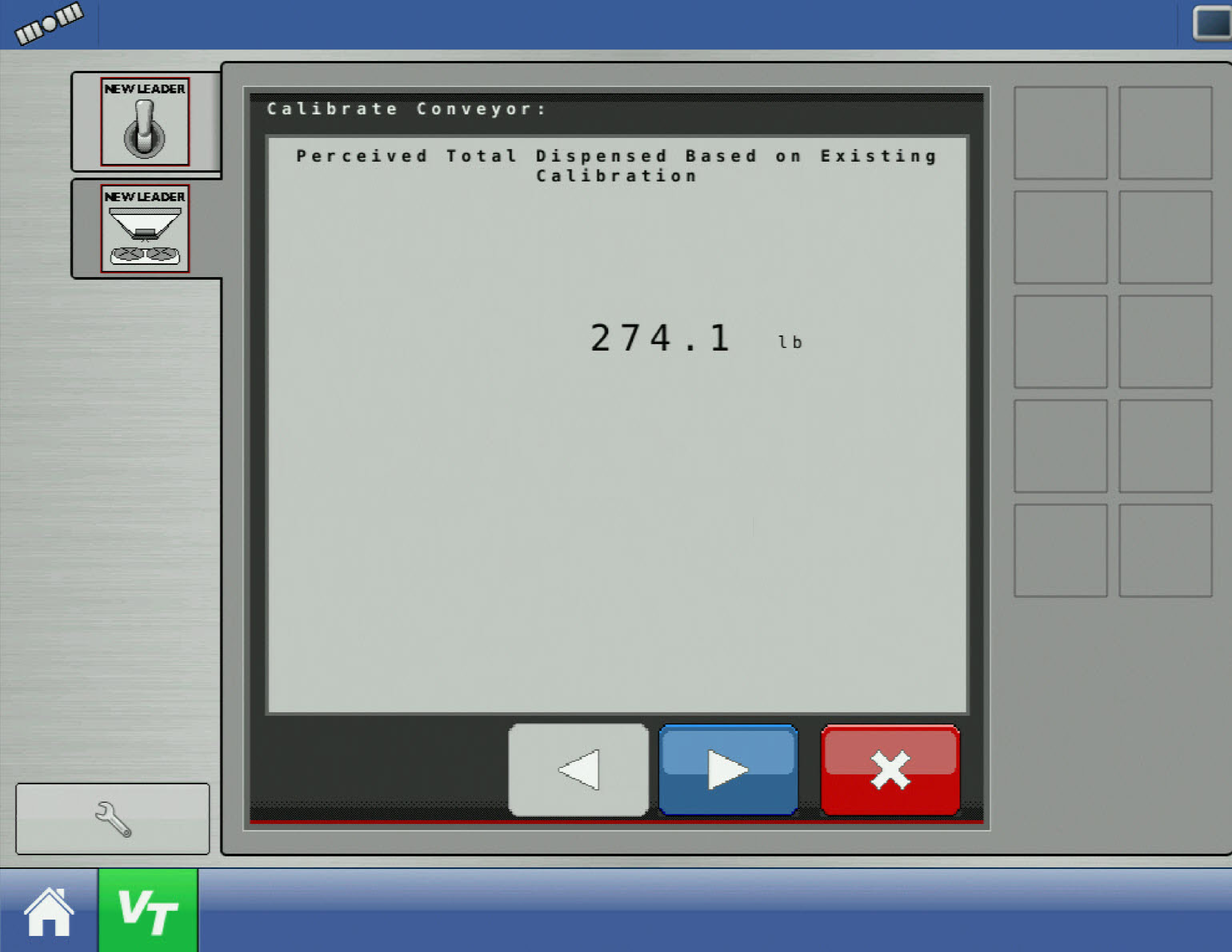
NEW LEADER
NEW LEADER
Calibrate Conveyor:
Main Bin
180
pulses / rev
Apply To All
Insert Bin
180
pulses / rev
VT

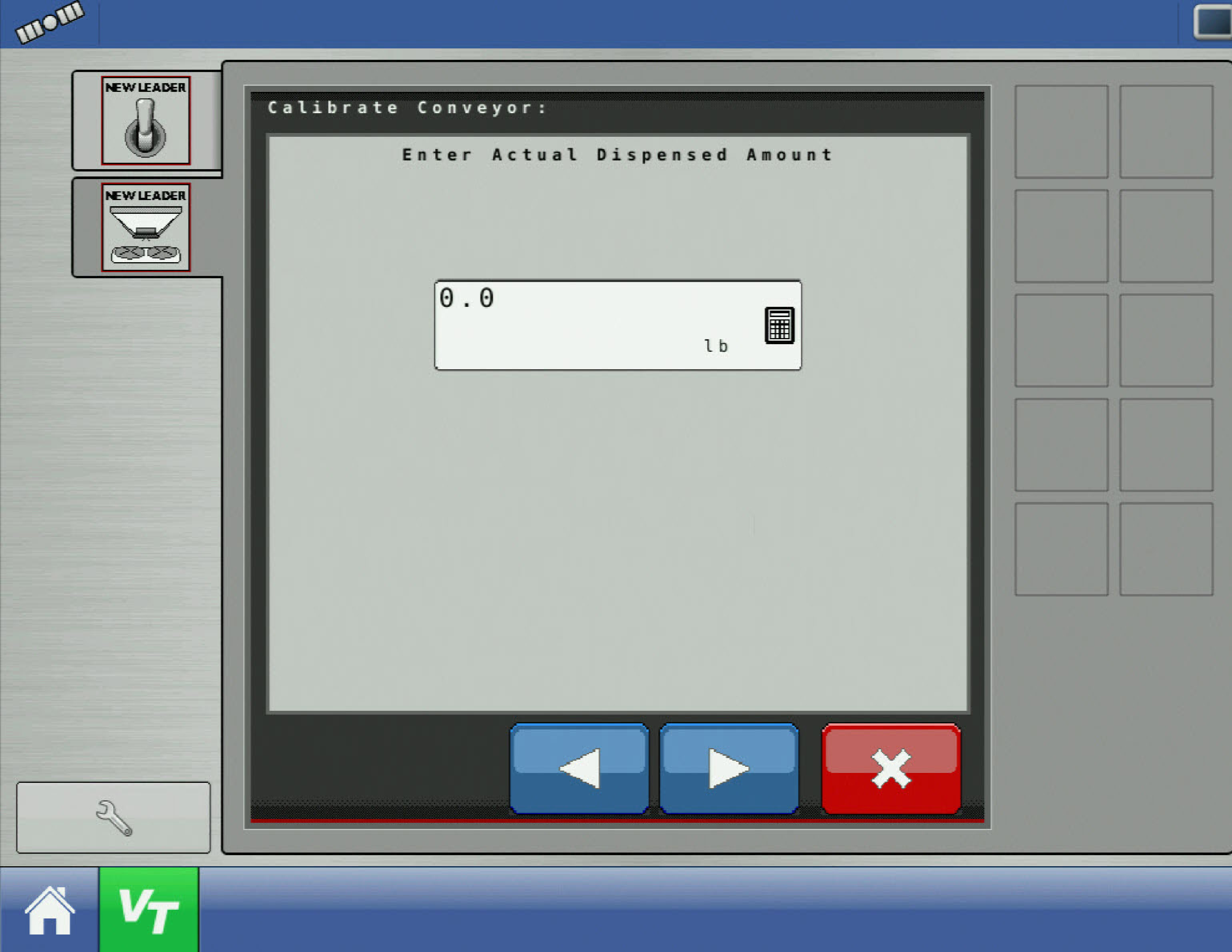

180
7
8
9
4
5
6
1
2
3
0
.
+/-
VT

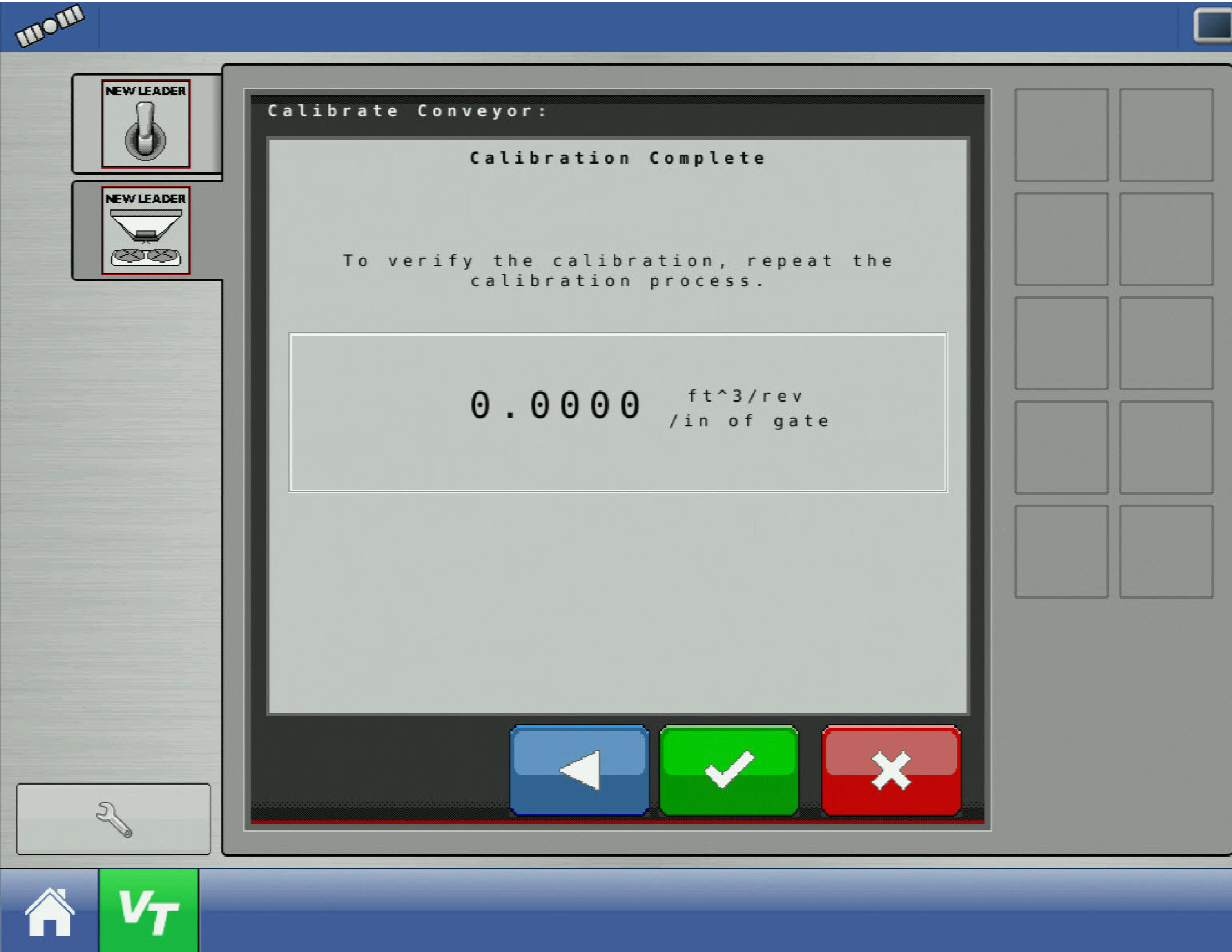

NEW LEADER
NEW LEADER
Spinner Calibration:
Enter New Calibration Number
4
pulses / rev
VT

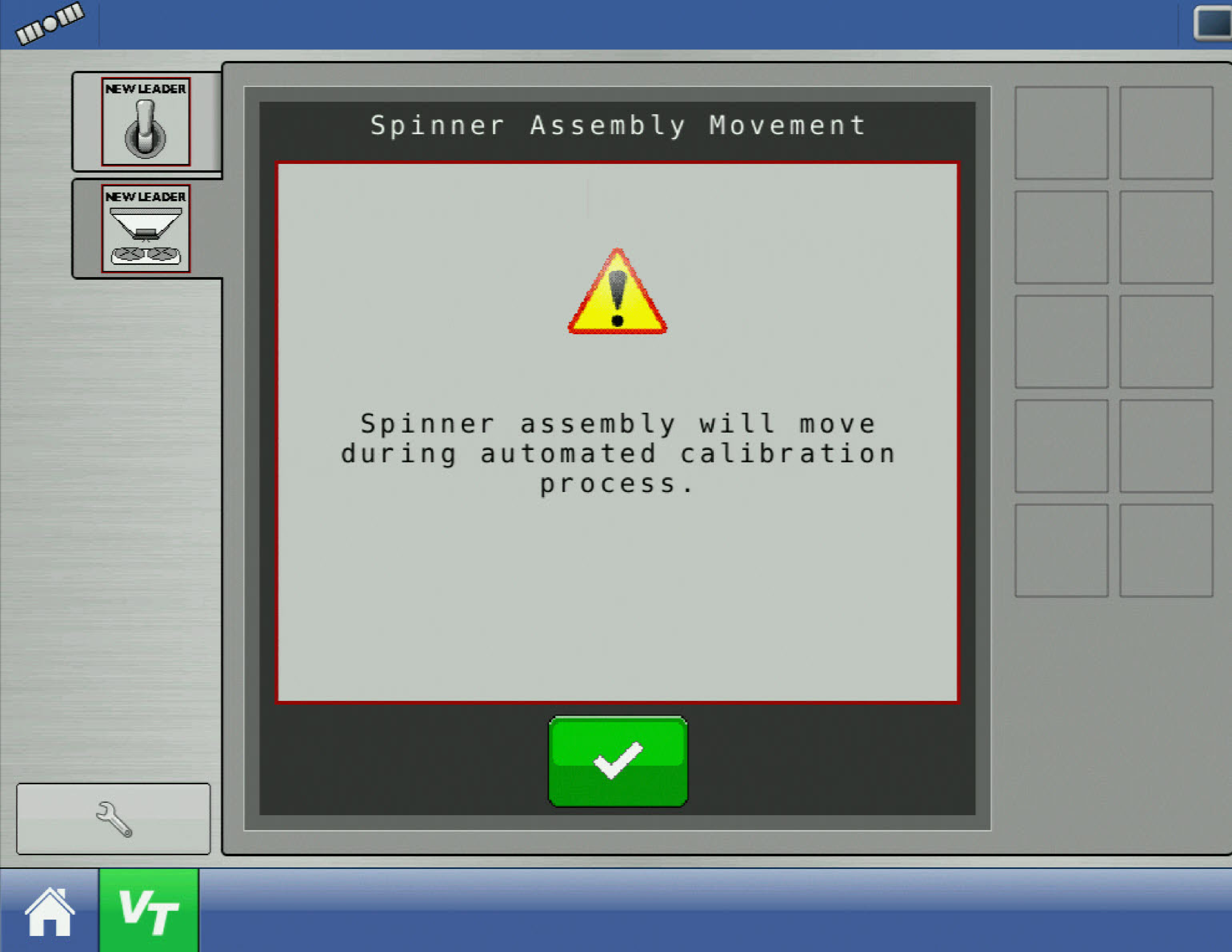

4
7
8
9
4
5
6
1
2
3
0
.
+/-
VT

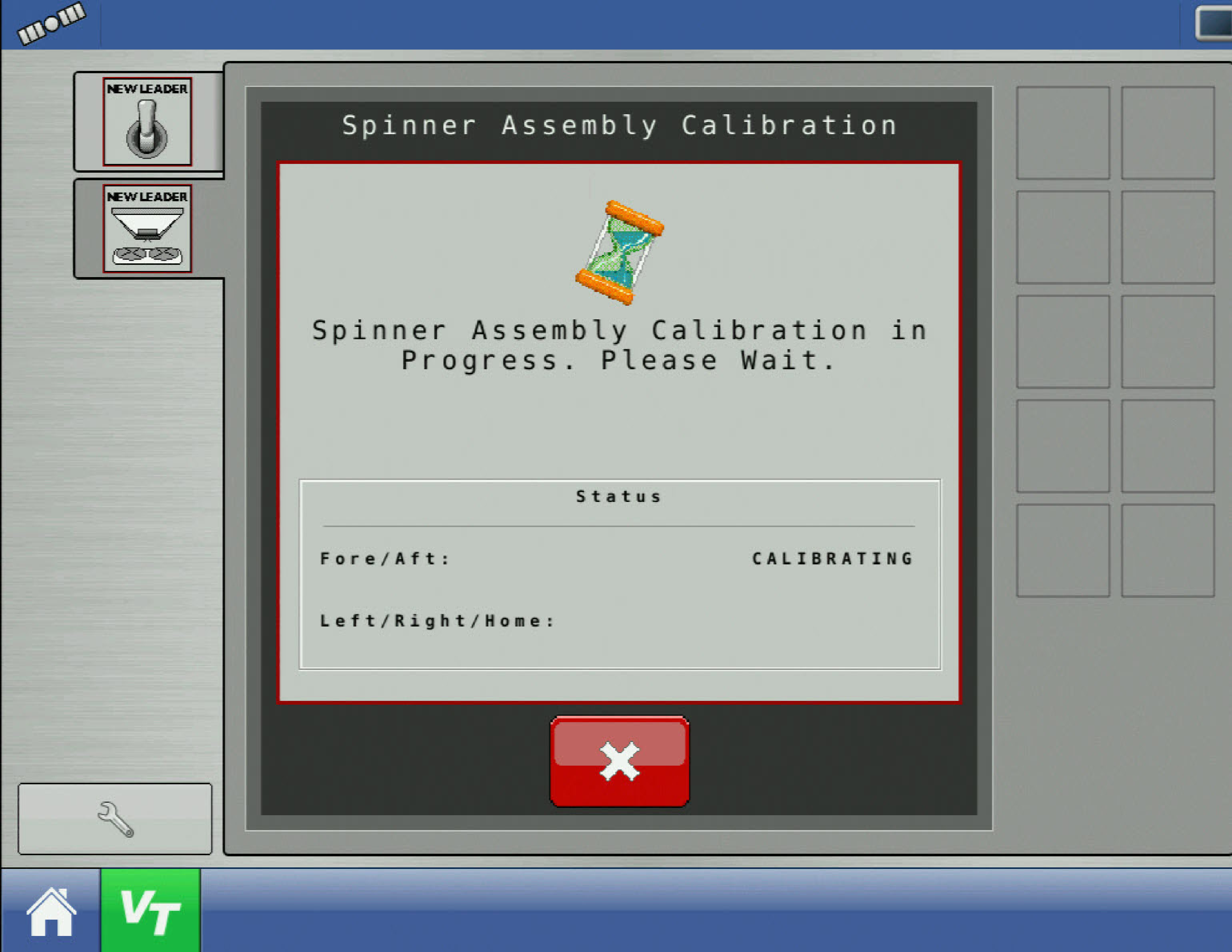

NEW LEADER
NEW LEADER
Circuits Disabled
Pressing acknowledge will enable and allow spinner assembly circuits to move. Do you wish to proceed?
VT

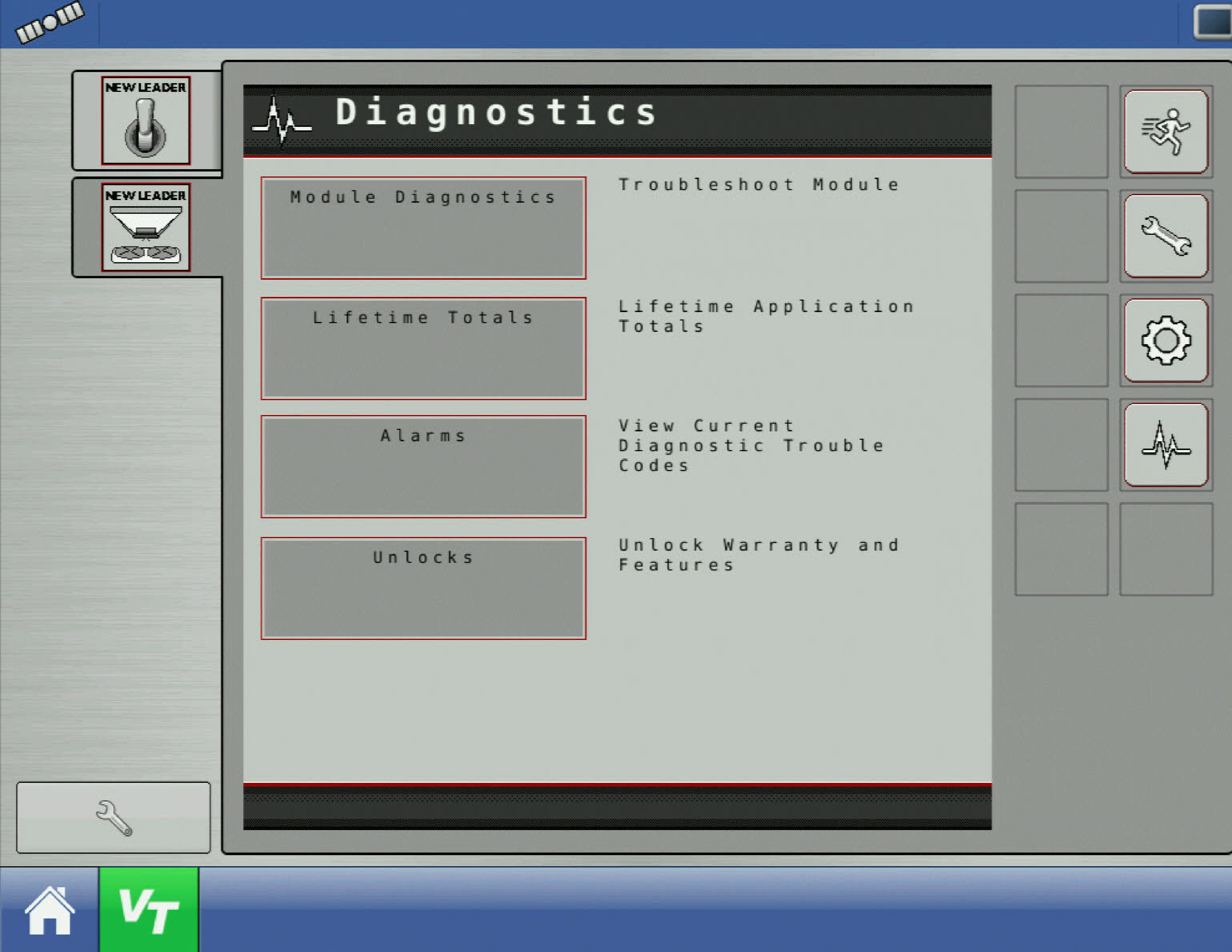

NEW LEADER
NEW LEADER
Calibrate Conveyor:
Perceived Total Dispensed Based on Existing Calibration
274.1 lb
VT

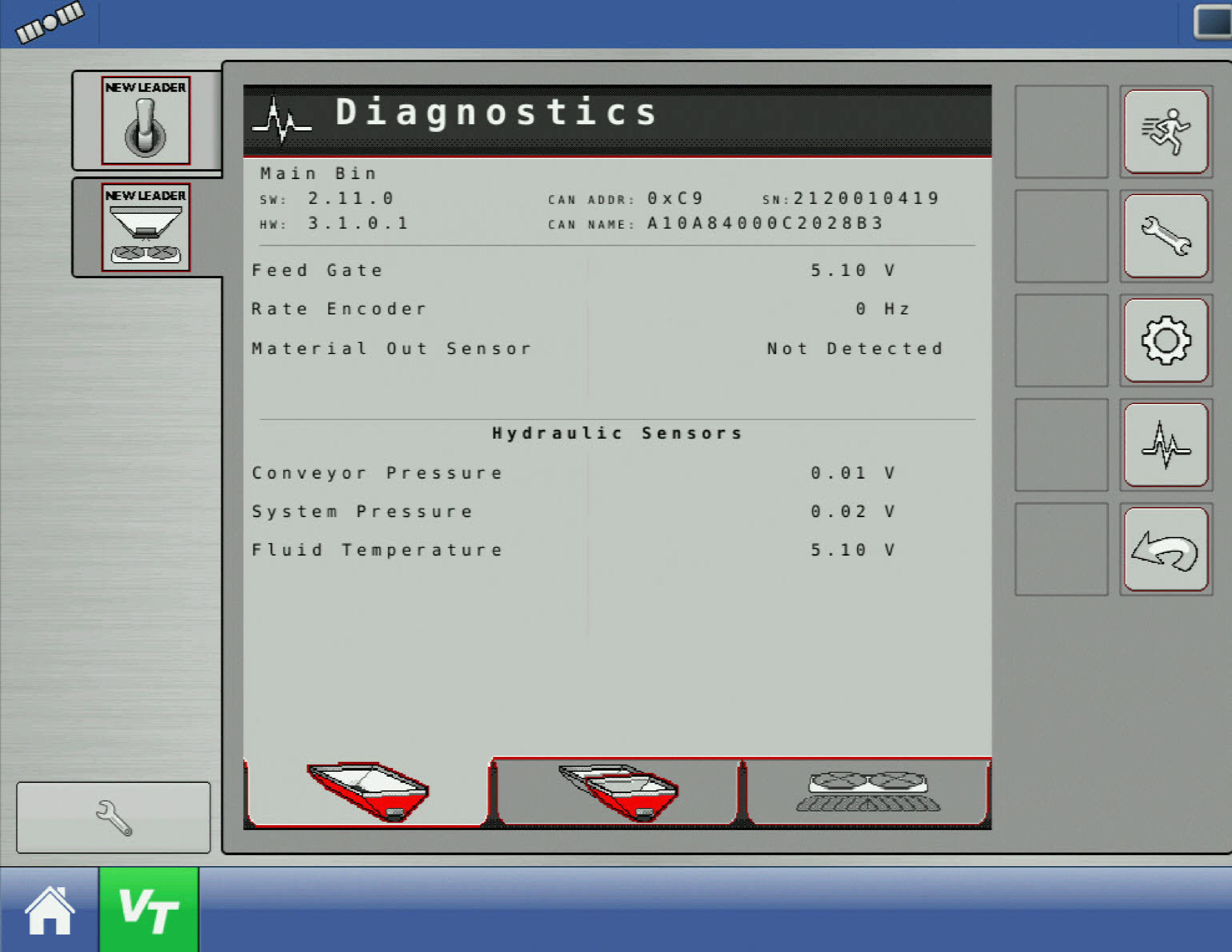

NEW LEADER
NEW LEADER
Calibrate Conveyor:
Enter Actual Dispensed Amount
0.0
lb

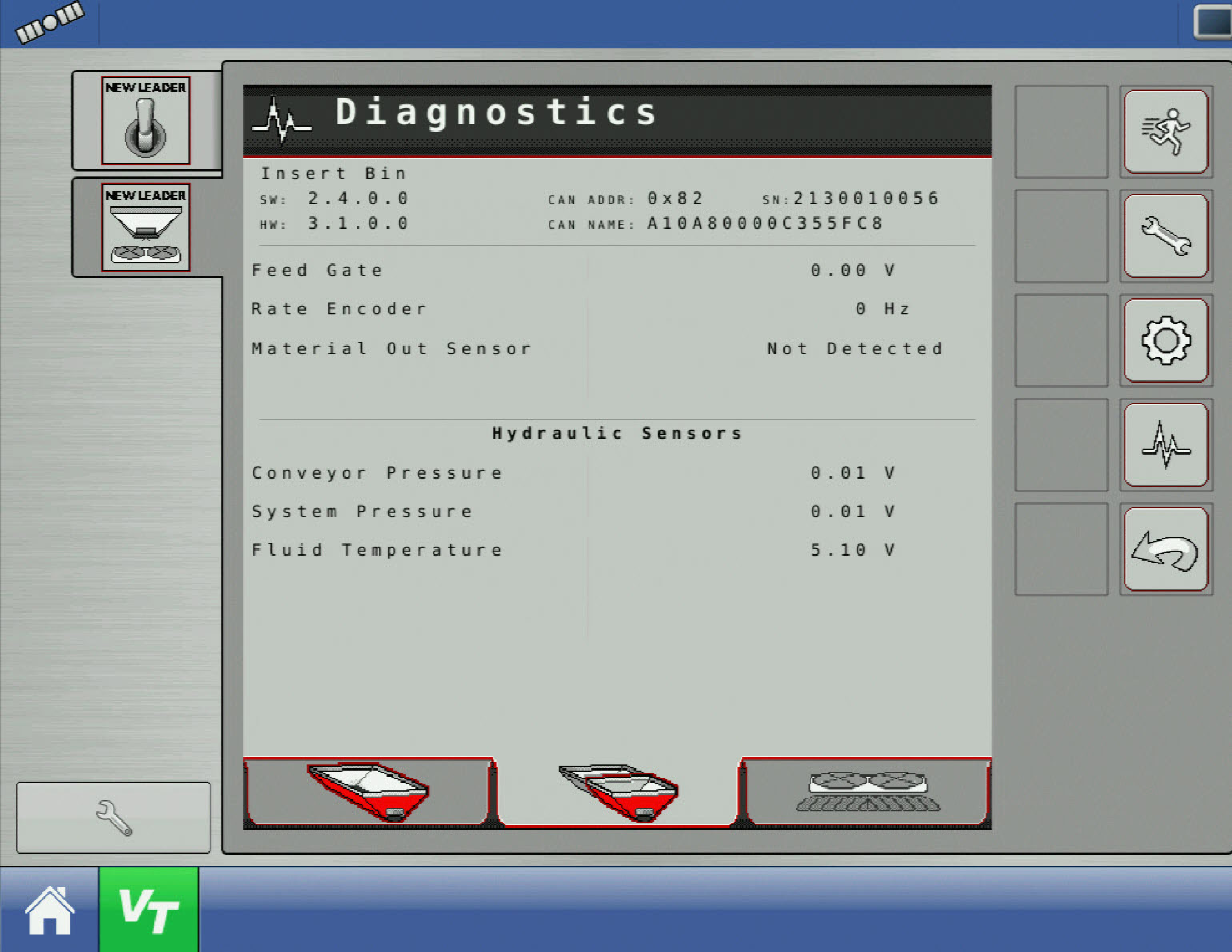

NEW LEADER
NEW LEADER
Calibrate Conveyor:
Calibration Complete
To verify the calibration, repeat the
calibration process.
0.0000
ft^3/rev
/in of gate


NEW LEADER
NEW LEADER
Spinner Assembly Movement
Spinner assembly will move during automated calibration process.
VT

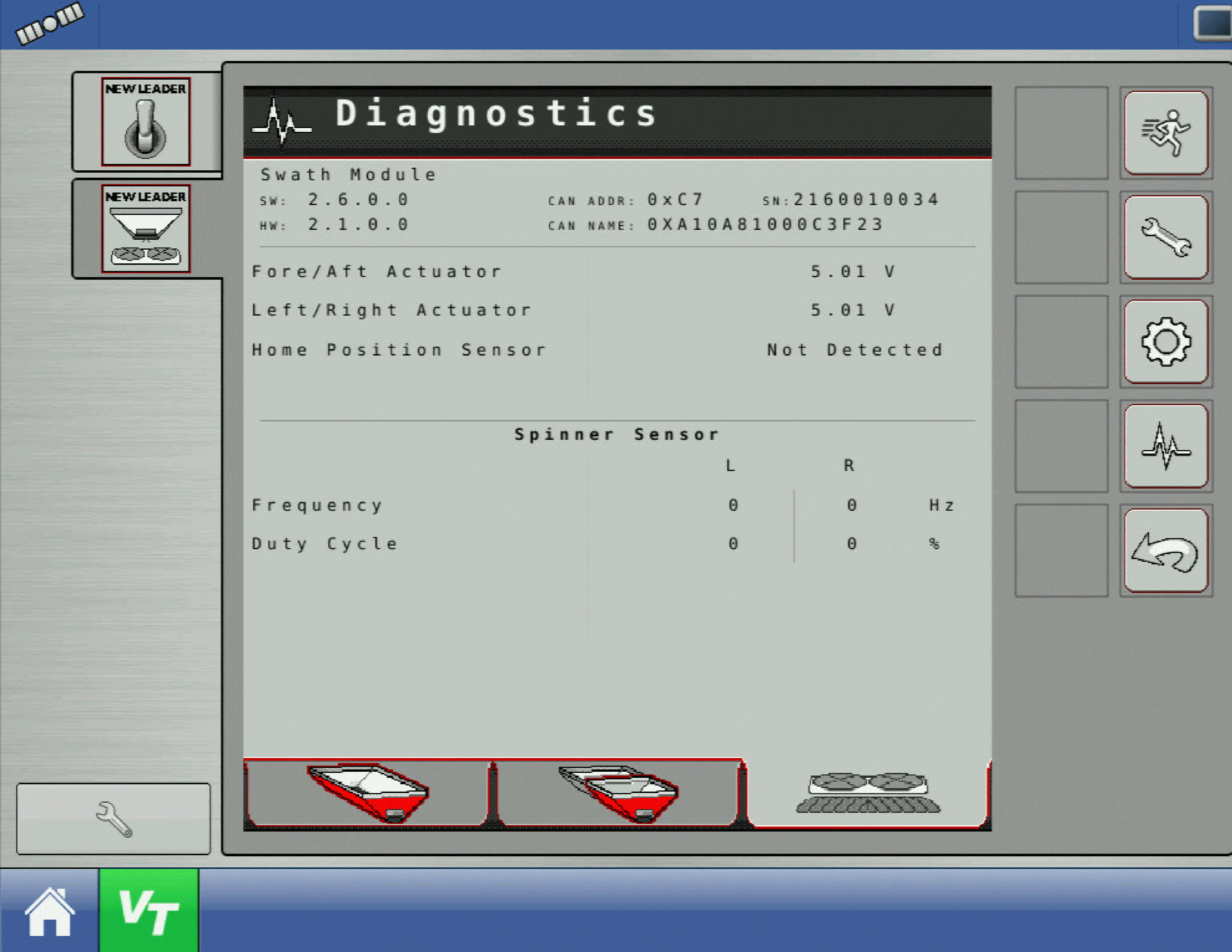

NEW LEADER
NEW LEADER
Spinner Assembly Calibration
Spinner Assembly Calibration in Progress. Please Wait.
Status
Fore/Aft: CALIBRATING
Left/Right/Home:


NEW LEADER
NEW LEADER
Diagnostics
Module Diagnostics
Troubleshoot Module
Lifetime Totals
Lifetime Application Totals
Alarms
View Current Diagnostic Trouble Codes
Unlocks
Unlock Warranty and Features
VT

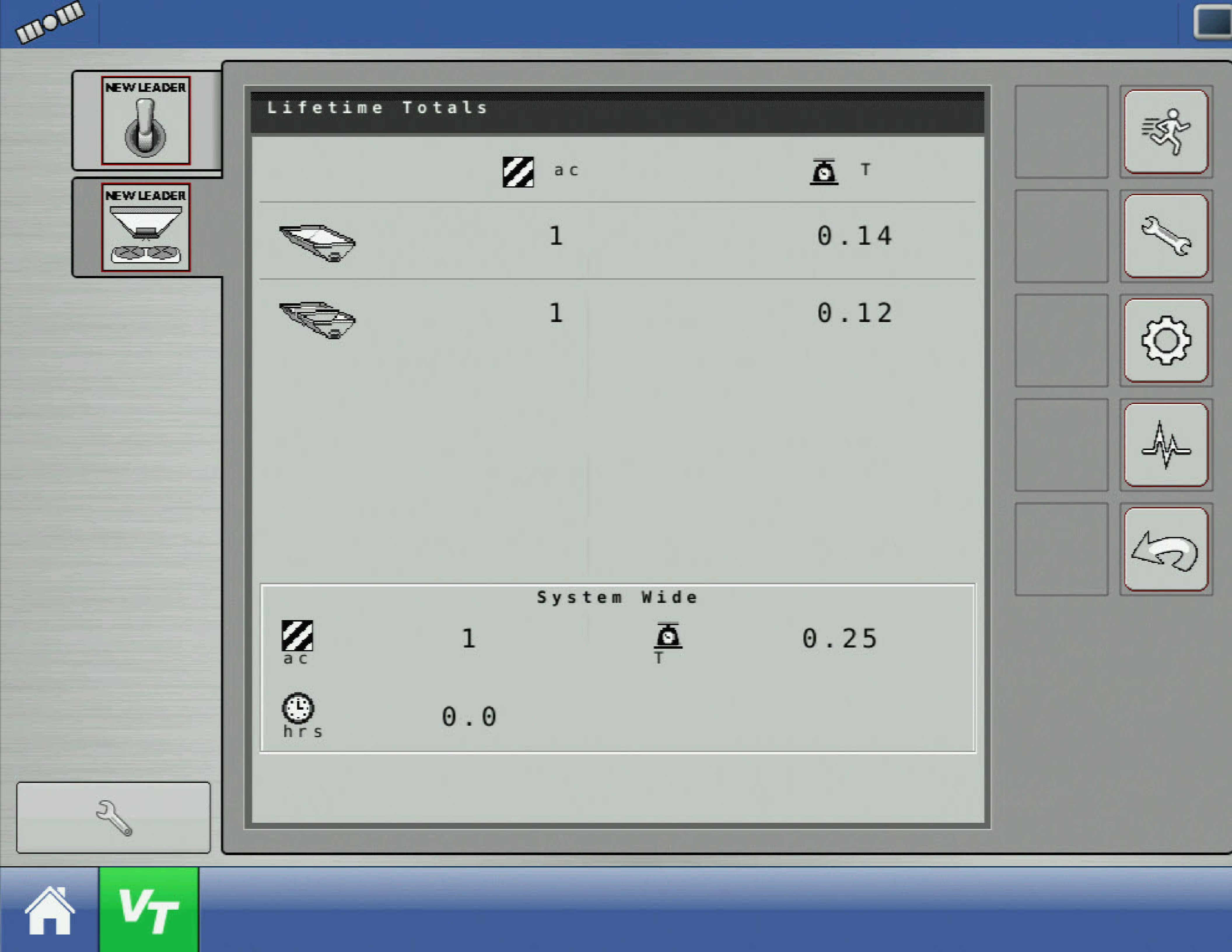

NEW LEADER
NEW LEADER
Diagnostics
Main Bin
SW: 2.11.0
CAN ADDR: 0xC9
SN:2120010419
HW: 3.1.0.1
CAN NAME: A10A84000C2028B3
Feed Gate
5.10 V
Rate Encoder
0 Hz
Material Out Sensor
Not Detected
Hydraulic Sensors
Conveyor Pressure
0.01 V
System Pressure
0.02 V
Fluid Temperature
5.10 V
VT



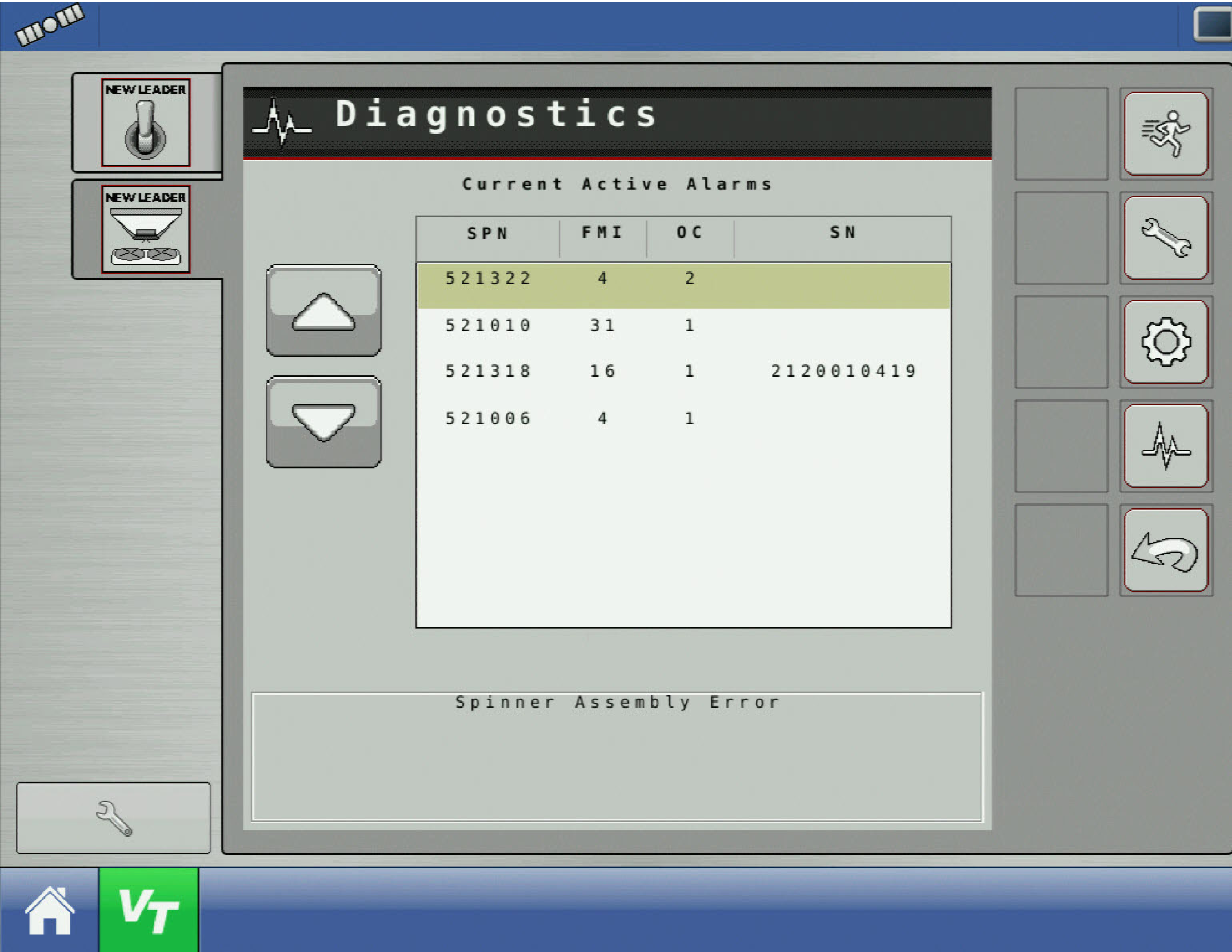
NEW LEADER
NEW LEADER
Diagnostics
Insert Bin
SW: 2.4.0.0
HW: 3.1.0.0
CAN ADDR: 0x82
SN:2130010056
CAN NAME: A10A80000C355FC8
Feed Gate 0.00 V
Rate Encoder 0 Hz
Material Out Sensor Not Detected
Hydraulic Sensors
Conveyor Pressure 0.01 V
System Pressure 0.01 V
Fluid Temperature 5.10 V
VT



NEW LEADER
NEW LEADER
Diagnostics
Swath Module
SW: 2.6.0.0
HW: 2.1.0.0
CAN ADDR: 0xC7
SN:2160010034
CAN NAME: 0XA10A81000C3F23
Fore/Aft Actuator 5.01 V
Left/Right Actuator 5.01 V
Home Position Sensor Not Detected
Spinner Sensor
L
R
Frequency 0 0 Hz
Duty Cycle 0 0 %
VT



NEW LEADER
NEW LEADER
Lifetime Totals
ac
T
1
0.14
1
0.12
System Wide
1
ac
T
0.25
0.0
hrs
VT


NEW LEADER
NEW LEADER
Diagnostics
Current Active Alarms
SPN
FMI
OC
SN
521322 4 2
521010 31 1
521318 16 1 2120010419
521006 4 1
Spinner Assembly Error
VT

NEW LEADER

NEW LEADER

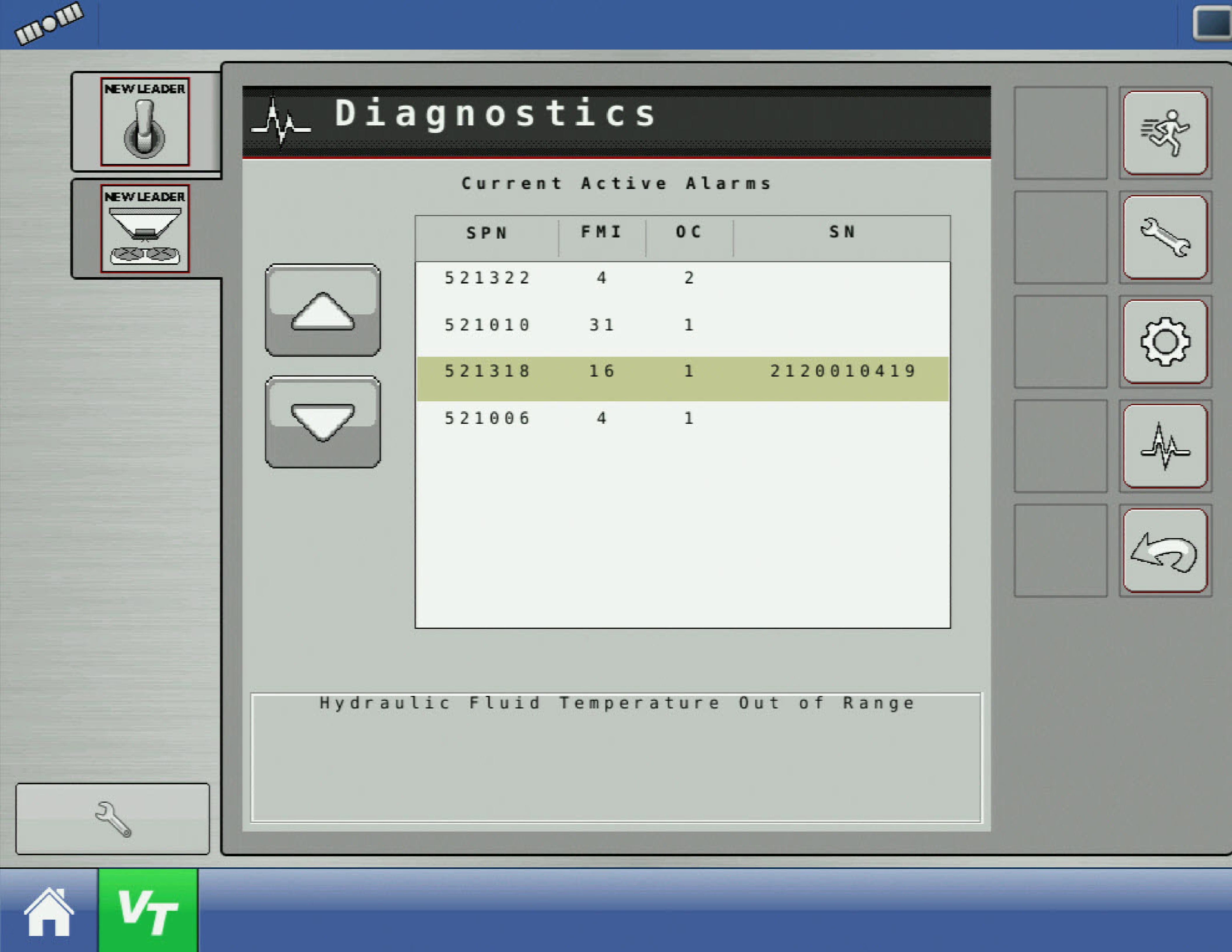
Diagnostics

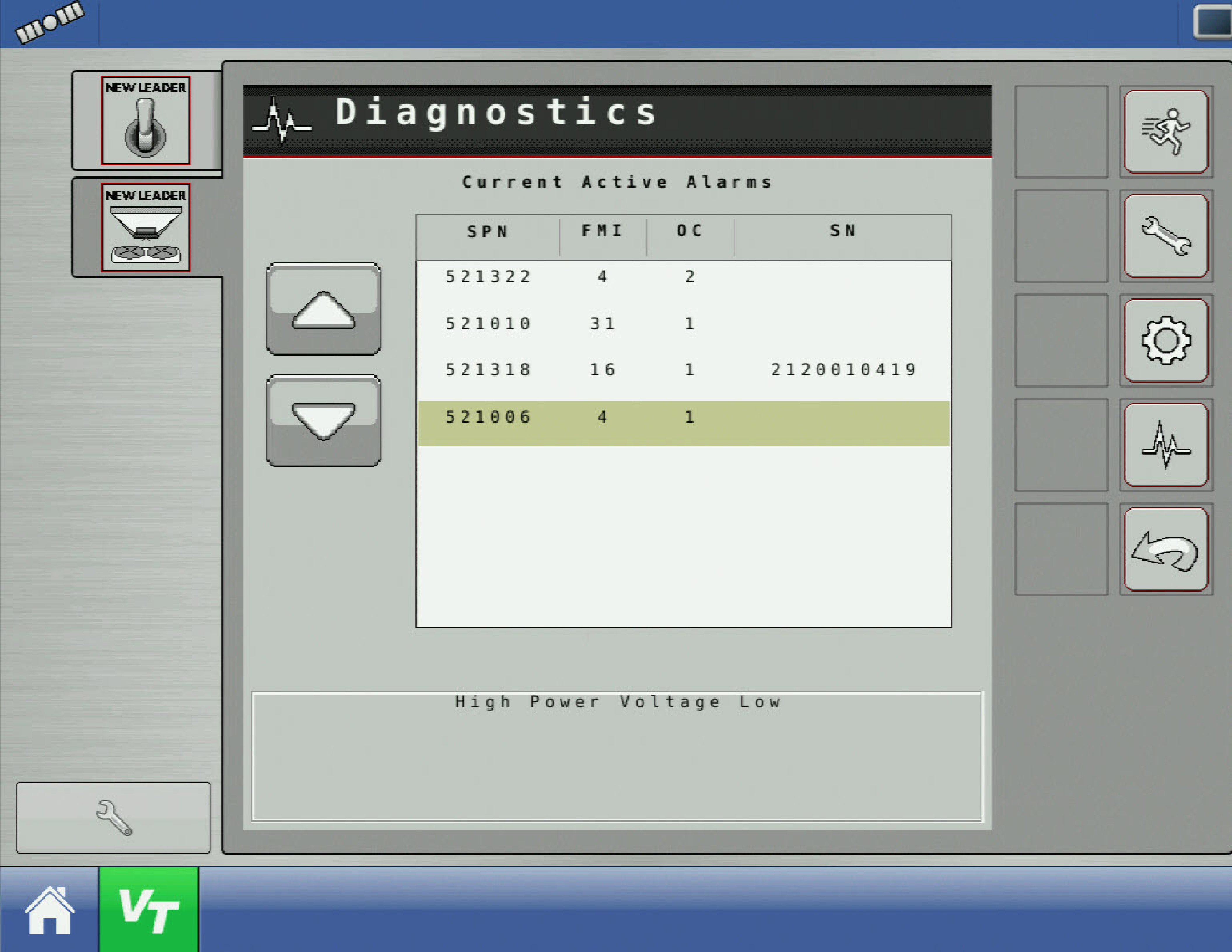
Current Active Alarms

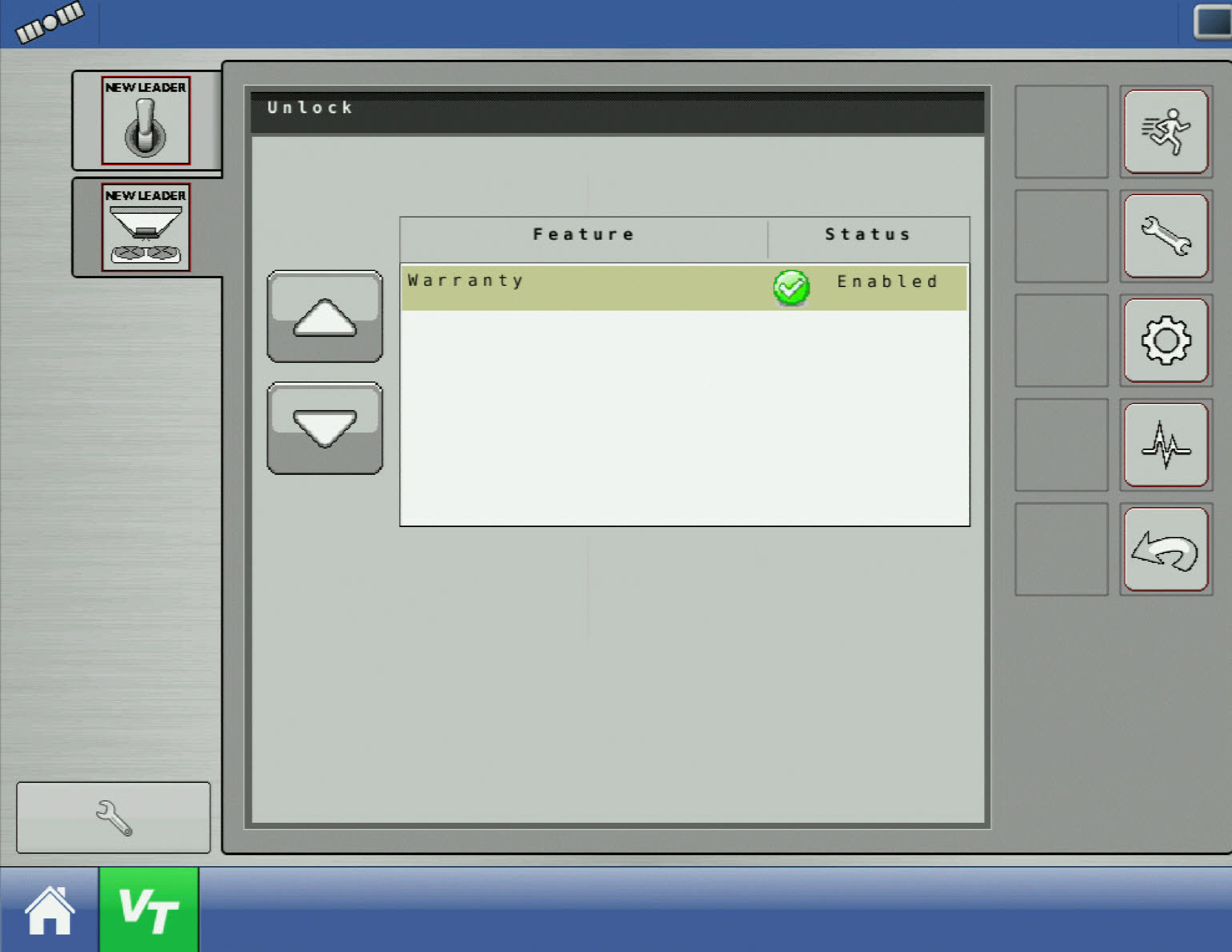
SPN	FMI	OC	SN
521322	4	2	
521010	31	1	
521318	16	1	2120010419
521006	4	1	

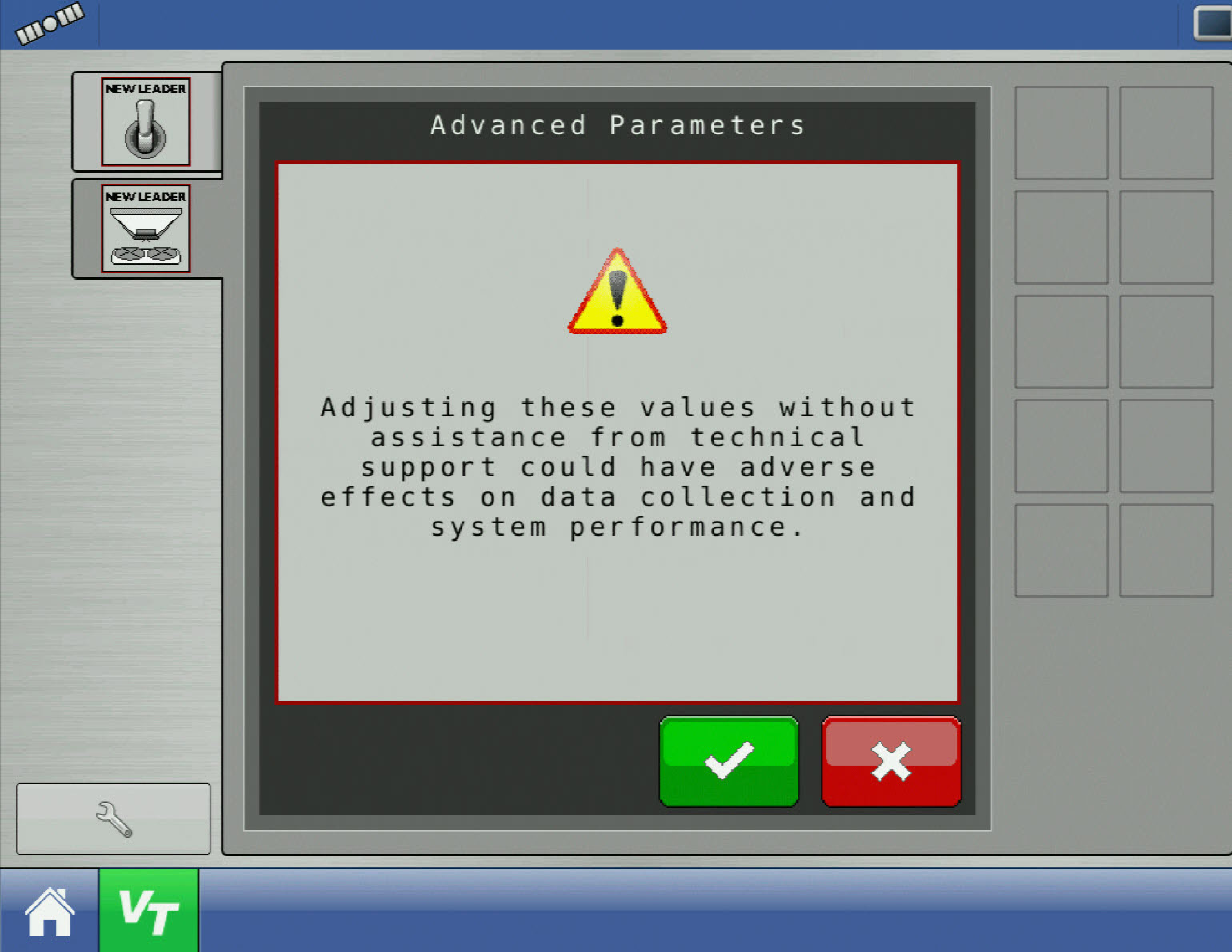
Speed source unavailable

VT

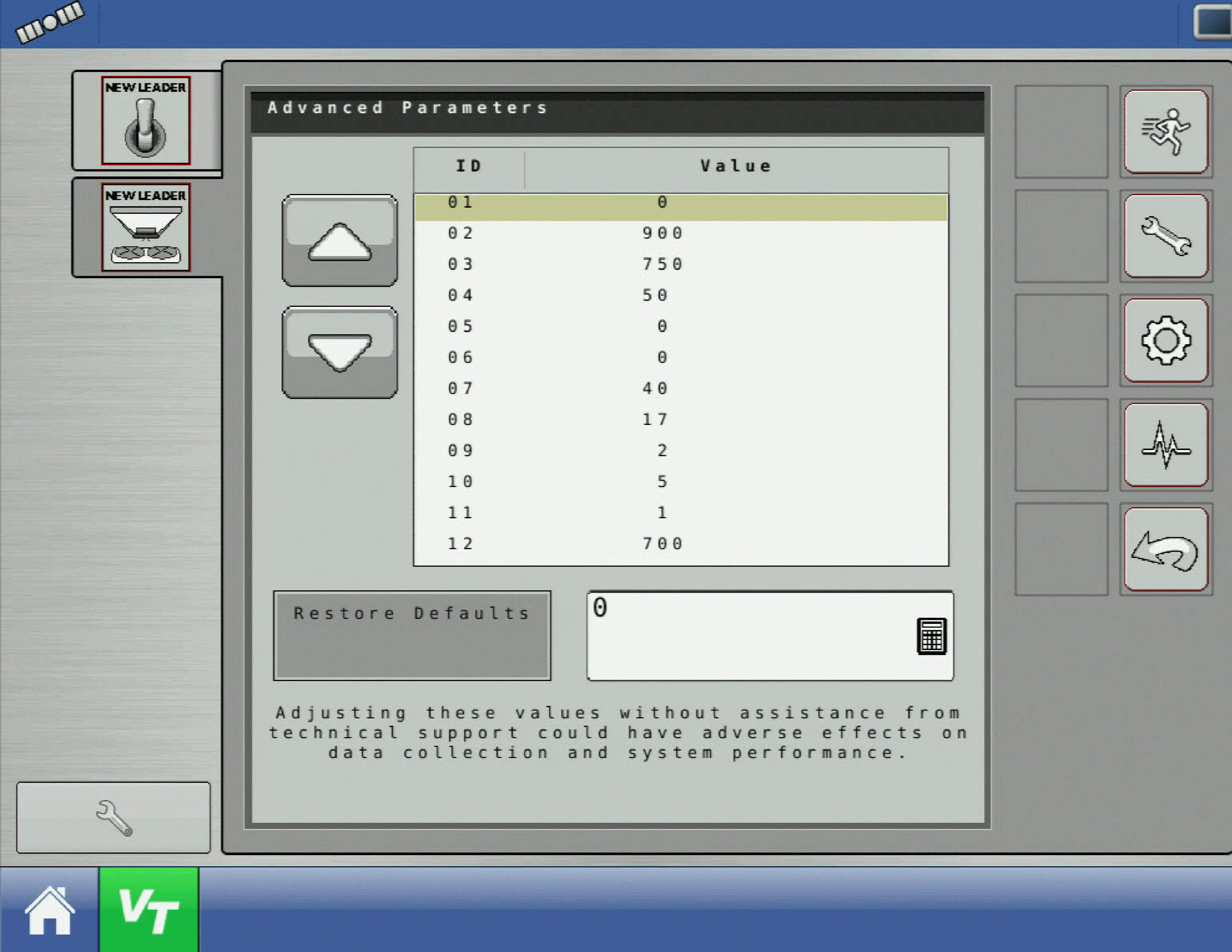

NEW LEADER
NEW LEADER
Diagnostics
Current Active Alarms
SPN FMI OC SN
521322 4 2
521010 31 1
521318 16 1 2120010419
521006 4 1
Hydraulic Fluid Temperature Out of Range
VT

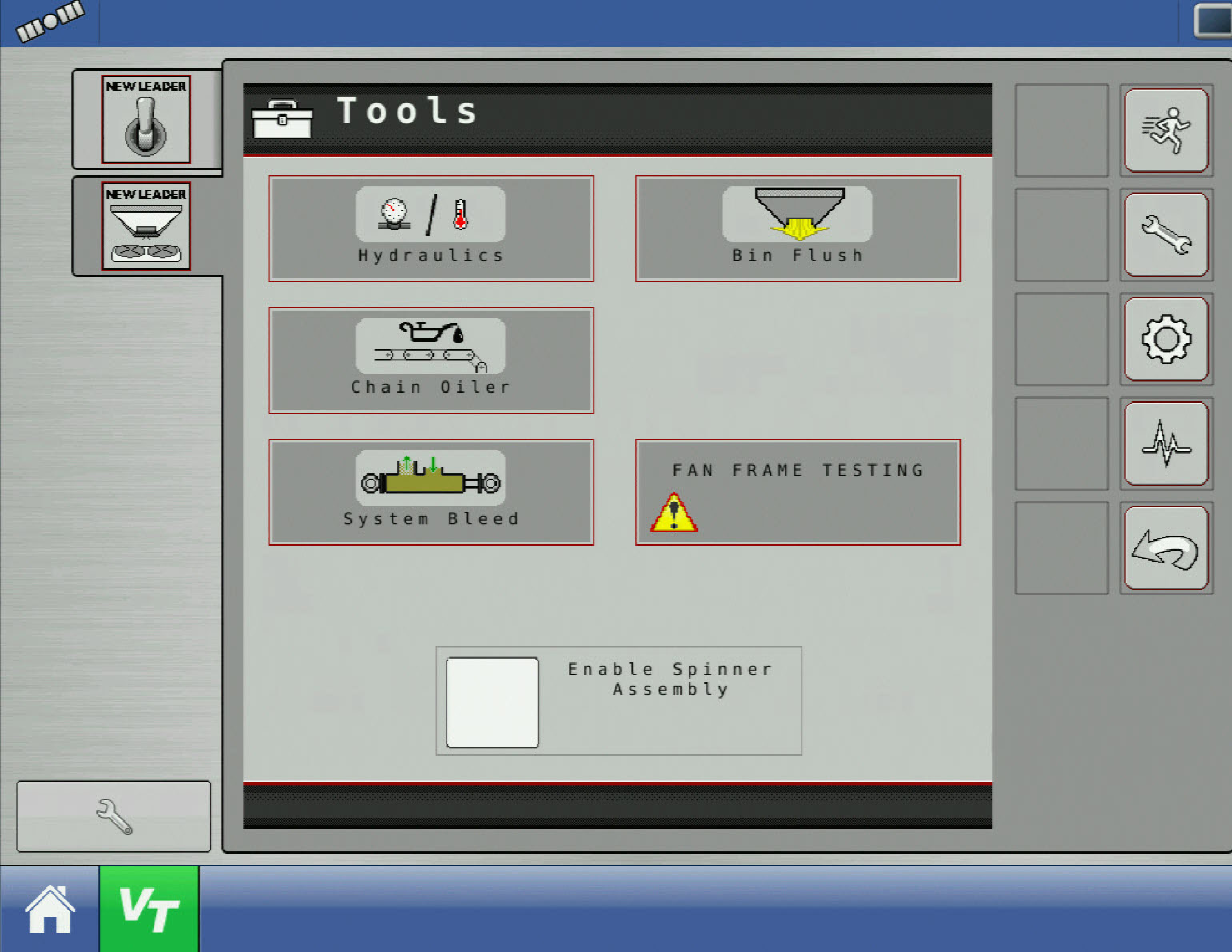

NEW LEADER
NEW LEADER
Diagnostics
Current Active Alarms
SPN
FMI
OC
SN
521322
4
2
521010
31
1
521318
16
1
2120010419
521006
4
1
High Power Voltage Low
VT

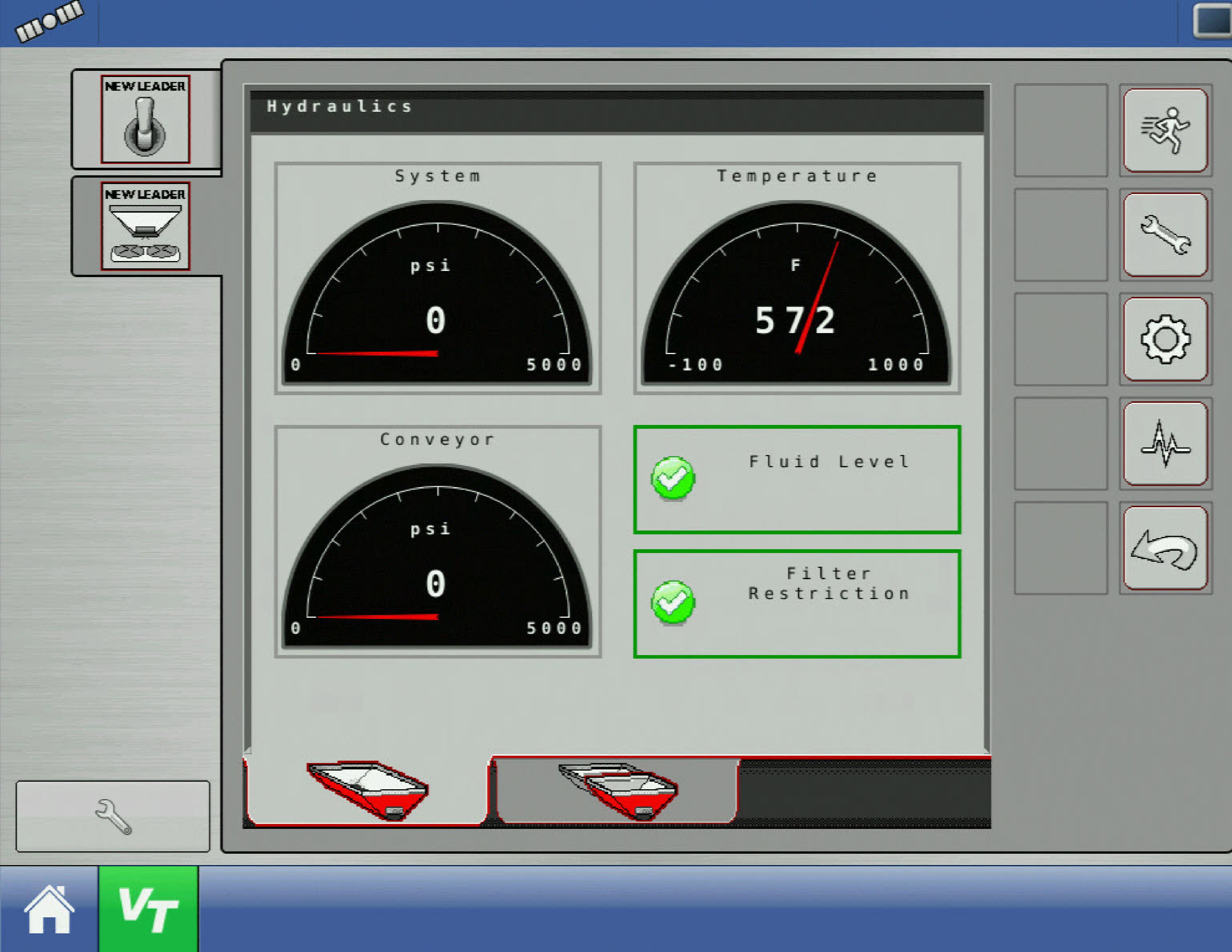

NEW LEADER
NEW LEADER
Unlock
Feature
Status
Warranty
Enabled
VT

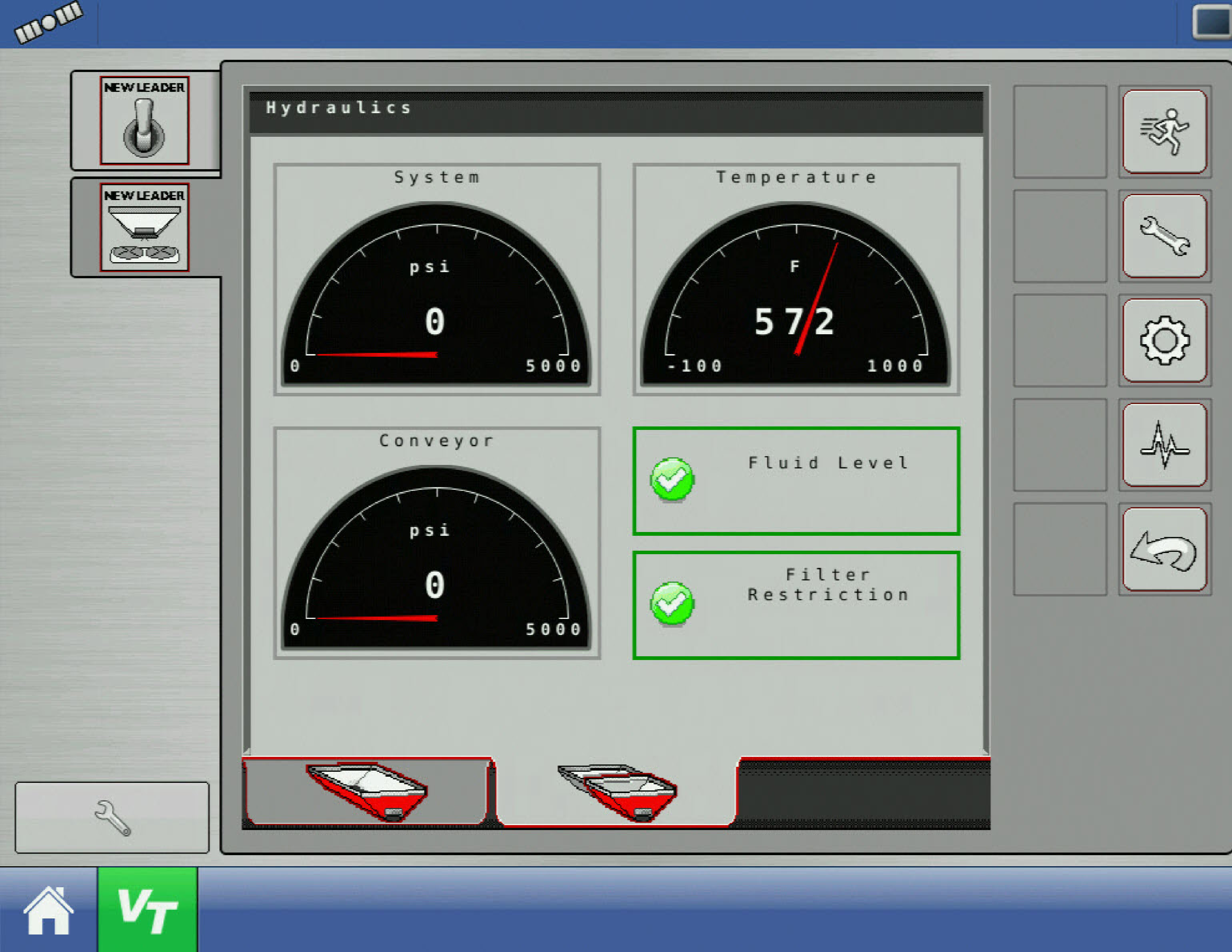


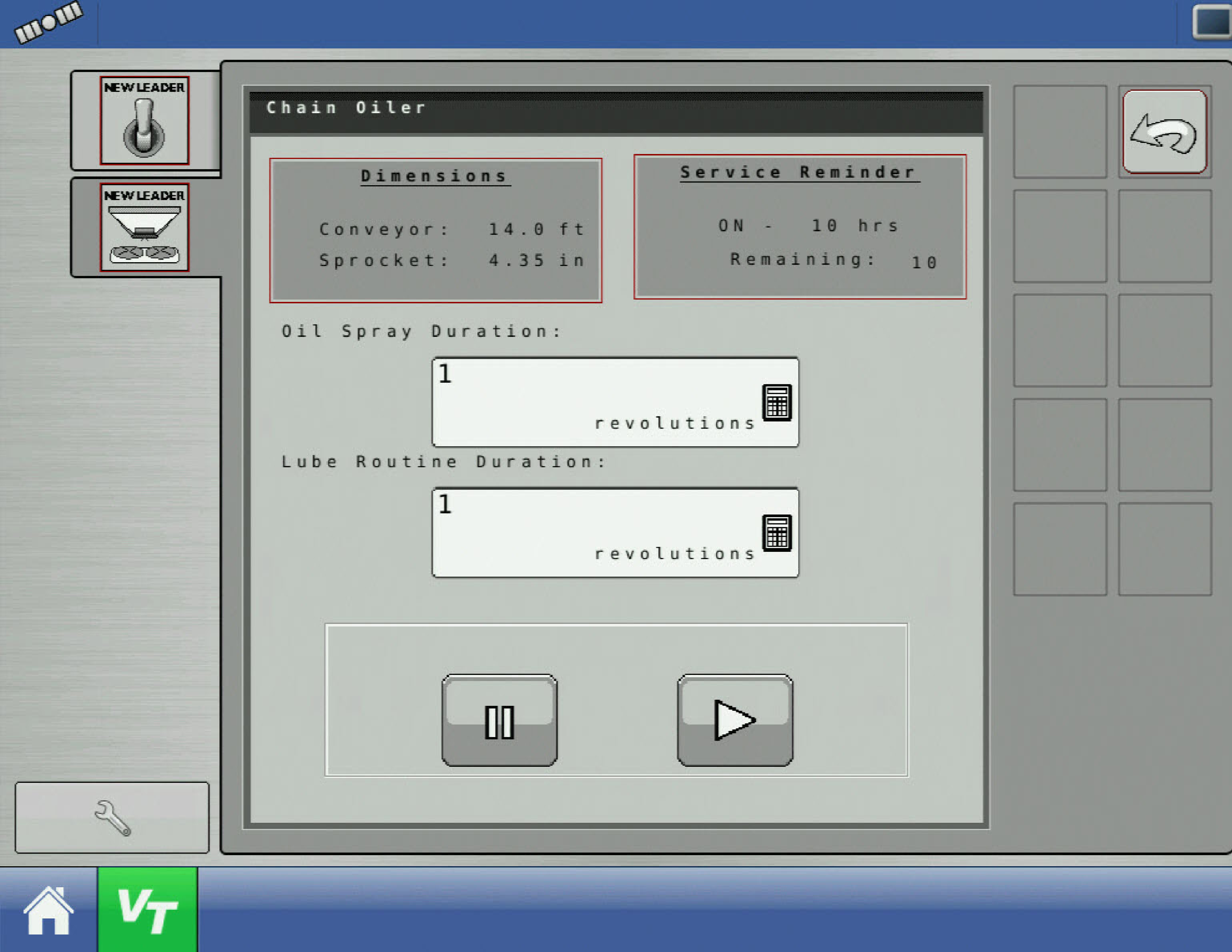
NEW LEADER
NEW LEADER
Advanced Parameters
Adjusting these values without assistance from technical support could have adverse effects on data collection and system performance.
VT

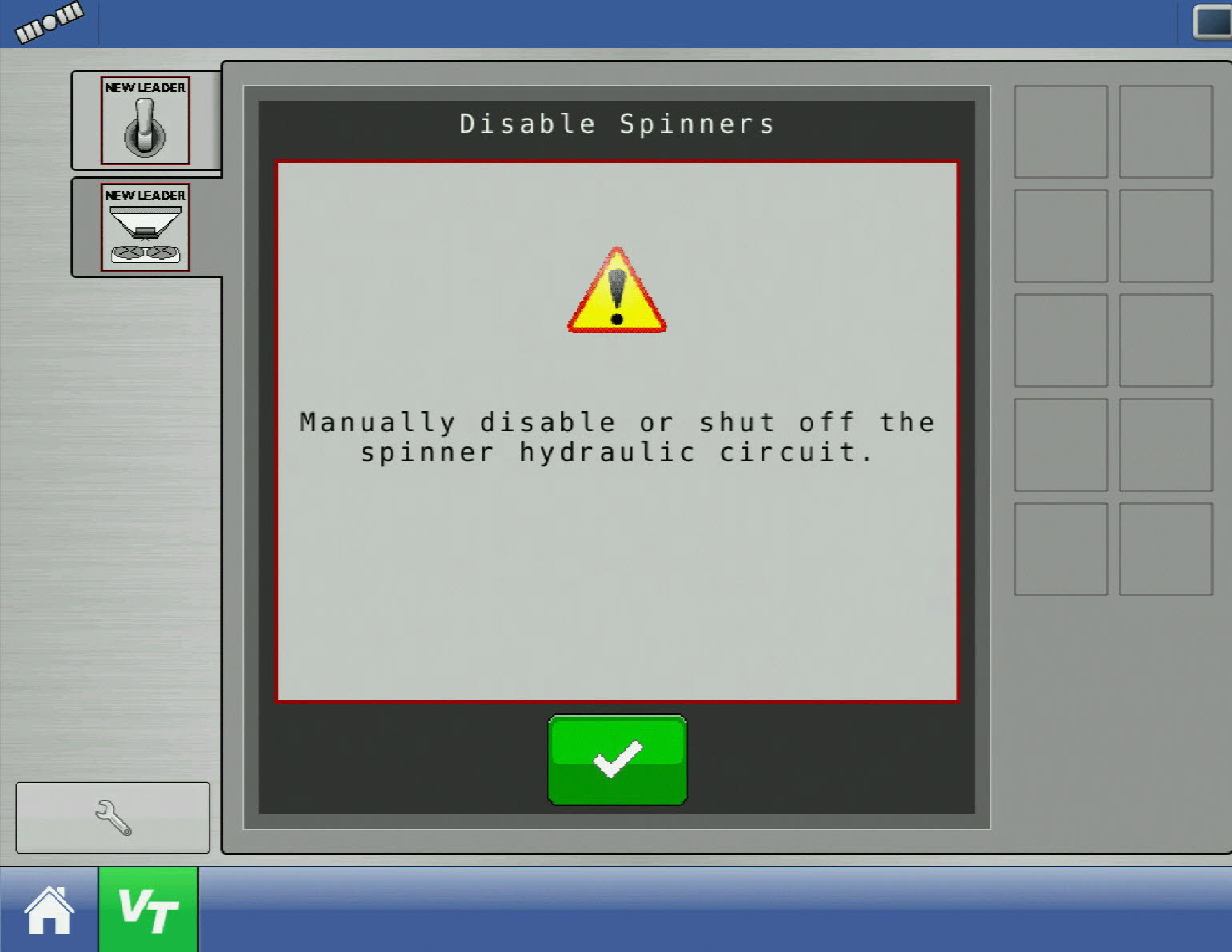

NEW LEADER
NEW LEADER
Advanced Parameters
ID
Value
01 0
02 900
03 750
04 50
05 0
06 0
07 40
08 17
09 2
10 5
11 1
12 700
Restore Defaults
0
Adjusting these values without assistance from technical support could have adverse effects on data collection and system performance.
VT

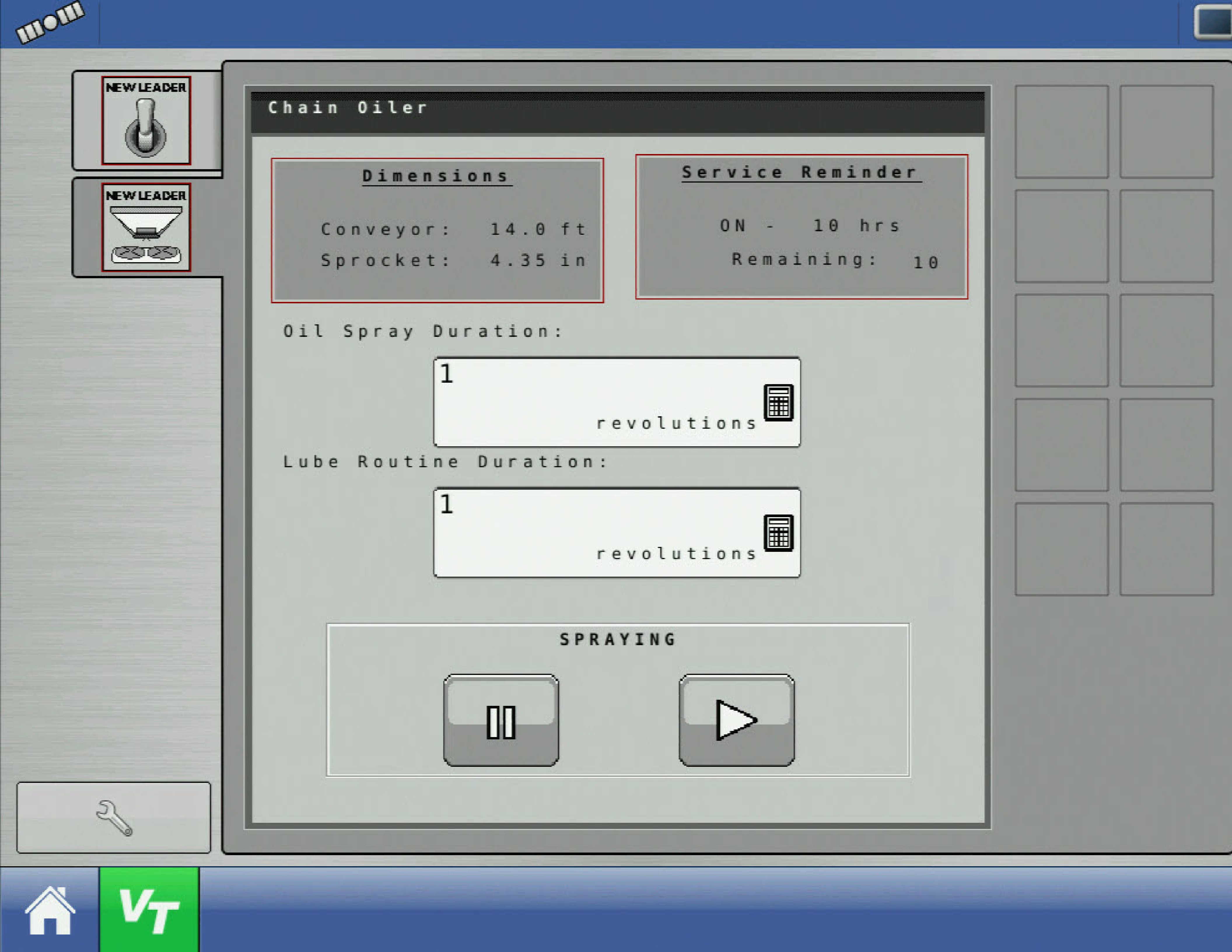

NEW LEADER
NEW LEADER
Tools
Hydraulics
Bin Flush
Chain Oiler
System Bleed
FAN FRAME TESTING
Enable Spinner Assembly
VT

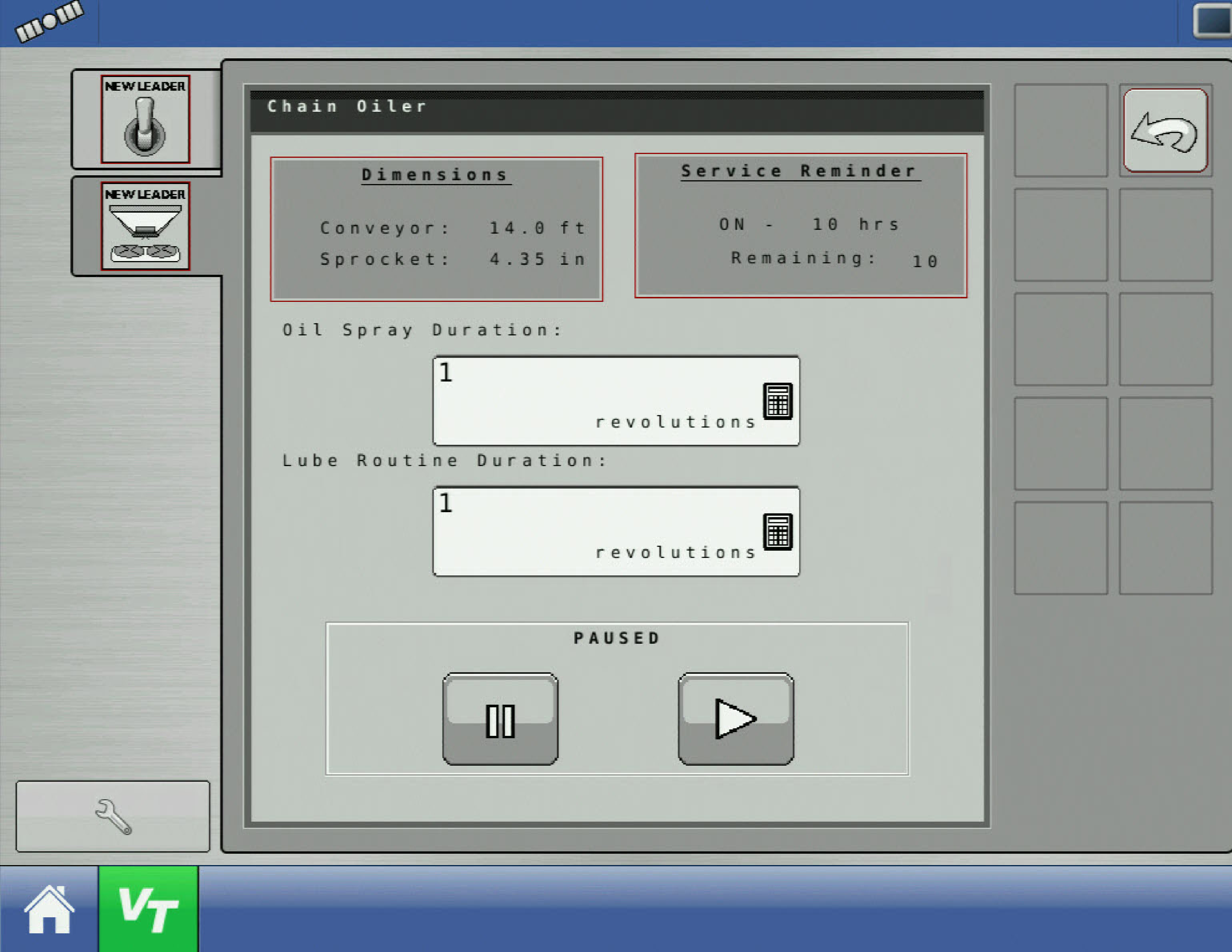

NEW LEADER
NEW LEADER
Hydraulics
System
psi
0
0
5000
Temperature
F
572
-100
1000
Conveyor
psi
0
0
5000
Fluid Level
Filter Restriction
VT

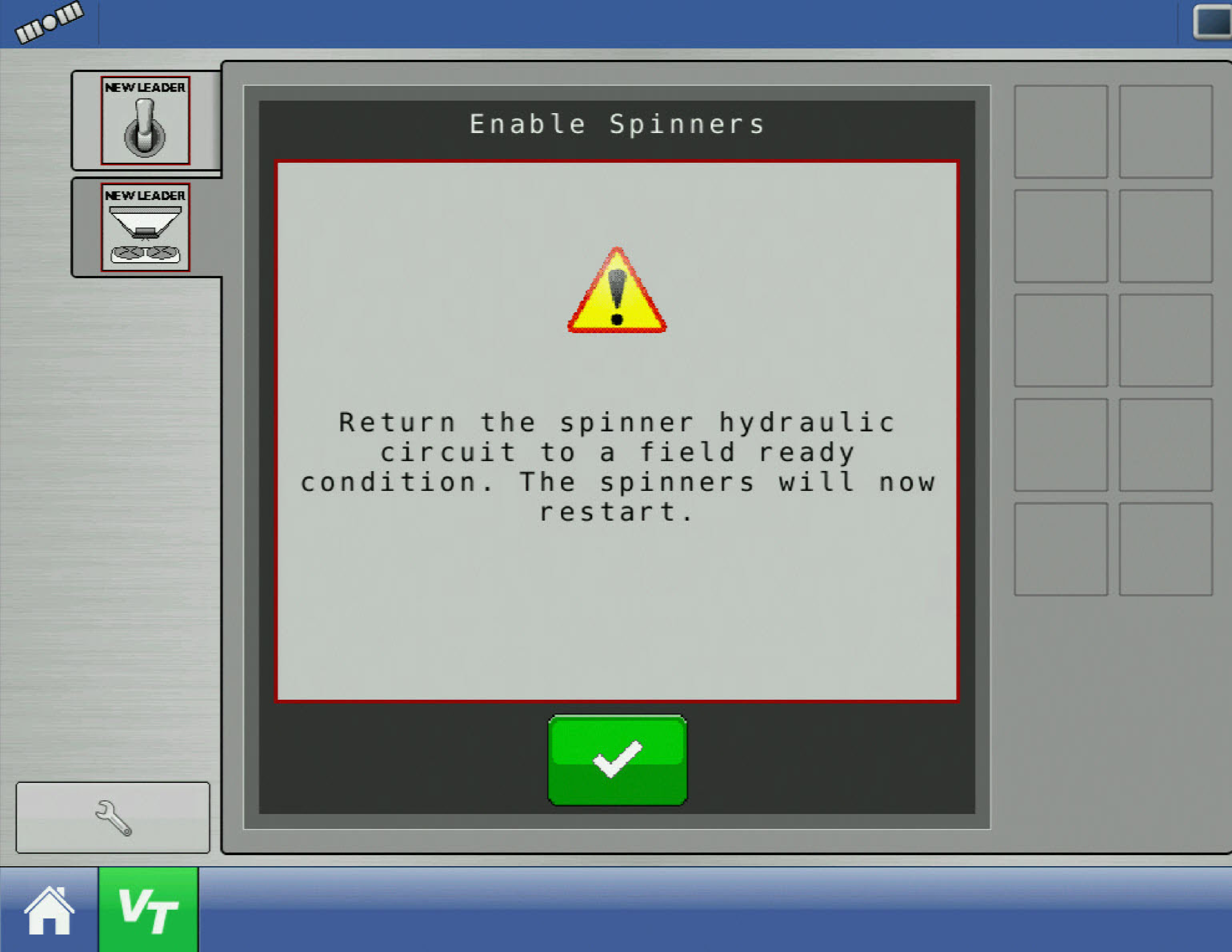

NEW LEADER
NEW LEADER
Hydraulics
System
psi
0
0
5000
Temperature
F
572
-100
1000
Conveyor
psi
0
0
5000
Fluid Level
Filter
Restriction
VT

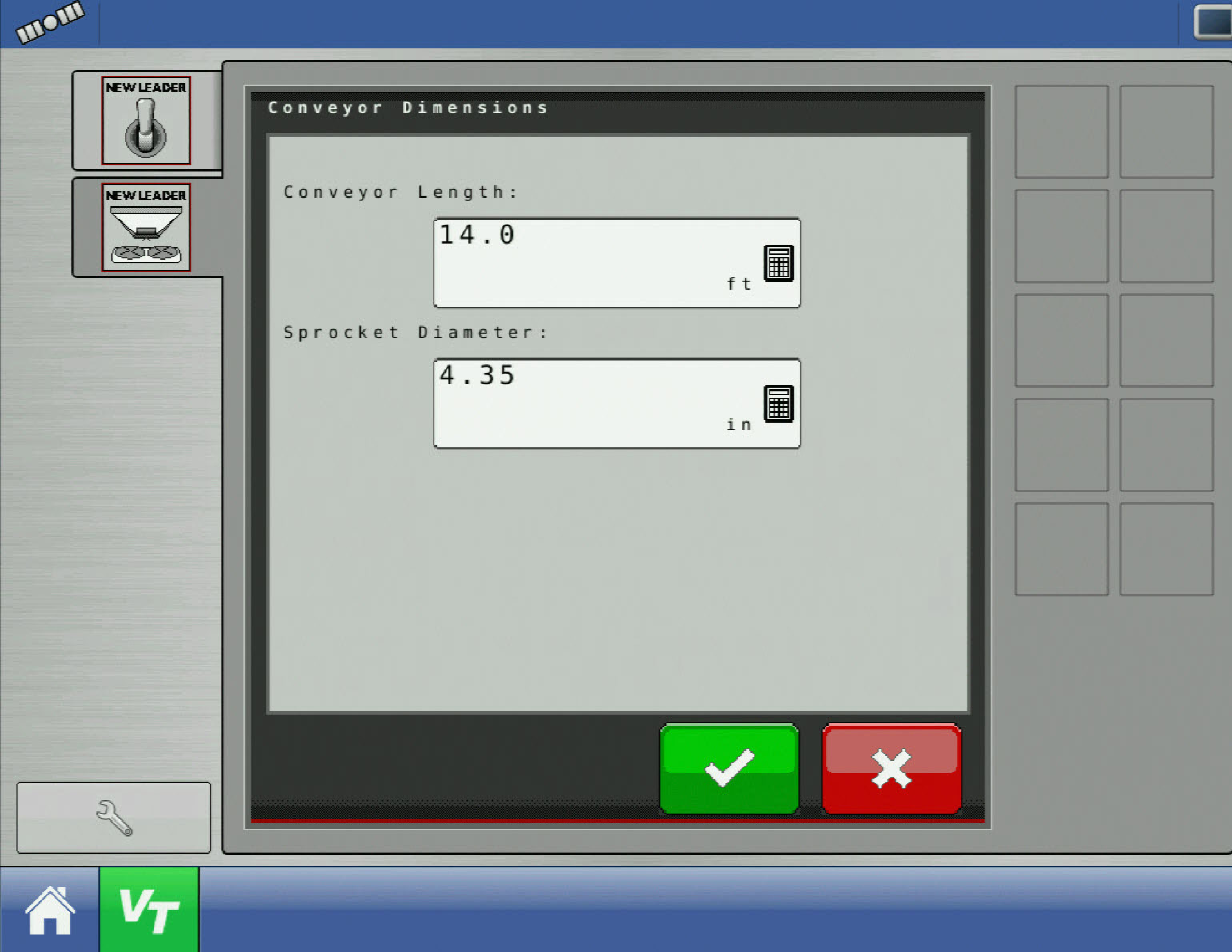

NEW LEADER
NEW LEADER
Chain Oiler
Dimensions
Conveyor: 14.0 ft
Sprocket: 4.35 in
Service Reminder
ON - 10 hrs
Remaining: 10
Oil Spray Duration:
1
revolutions
Lube Routine Duration:
1
revolutions
VT

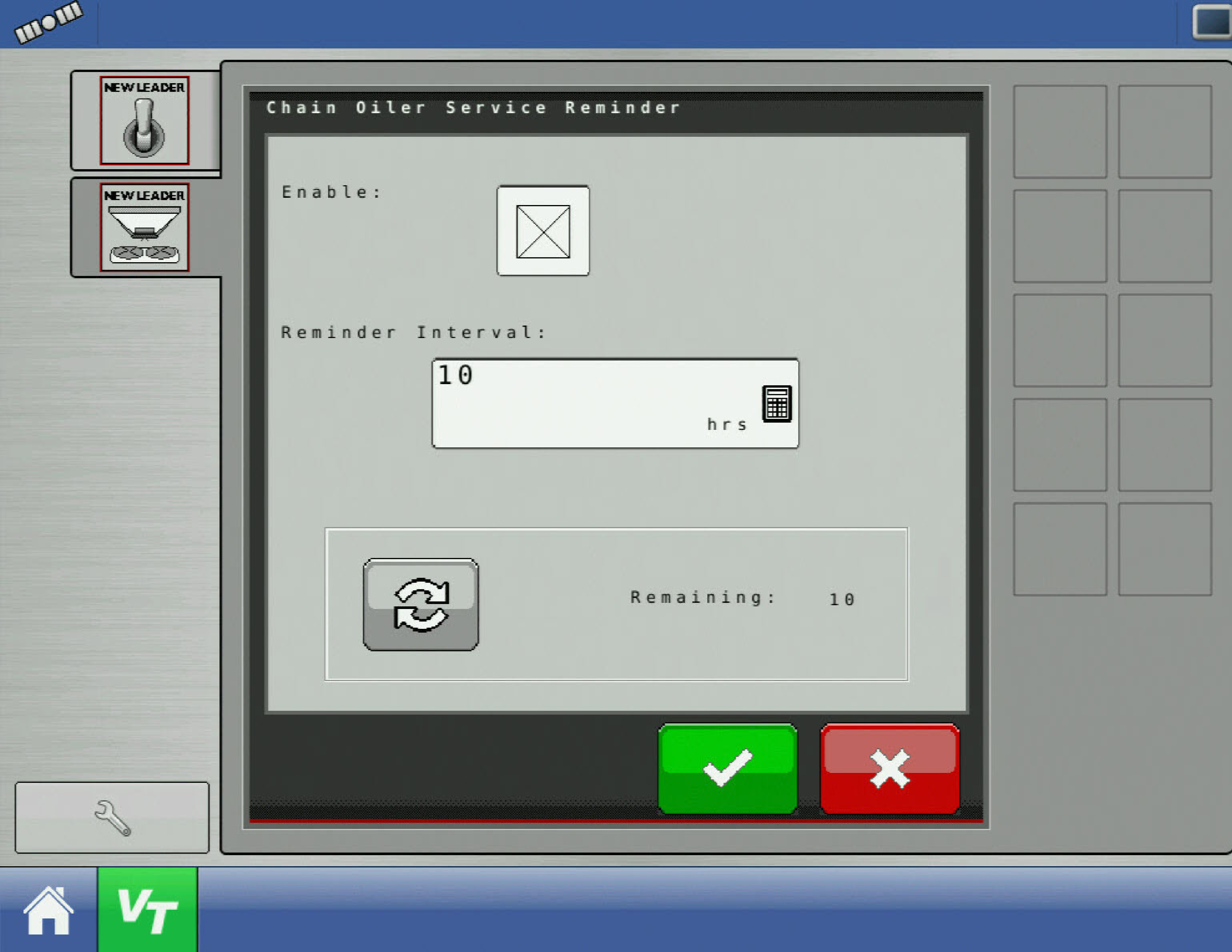

NEW LEADER
NEW LEADER
Disable Spinners
Manually disable or shut off the spinner hydraulic circuit.
VT


NEW LEADER
NEW LEADER
Chain Oiler
Dimensions
Conveyor: 14.0 ft
Sprocket: 4.35 in
Service Reminder
ON - 10 hrs
Remaining: 10
Oil Spray Duration:
1
revolutions
Lube Routine Duration:
1
revolutions
SPRAYING
VT

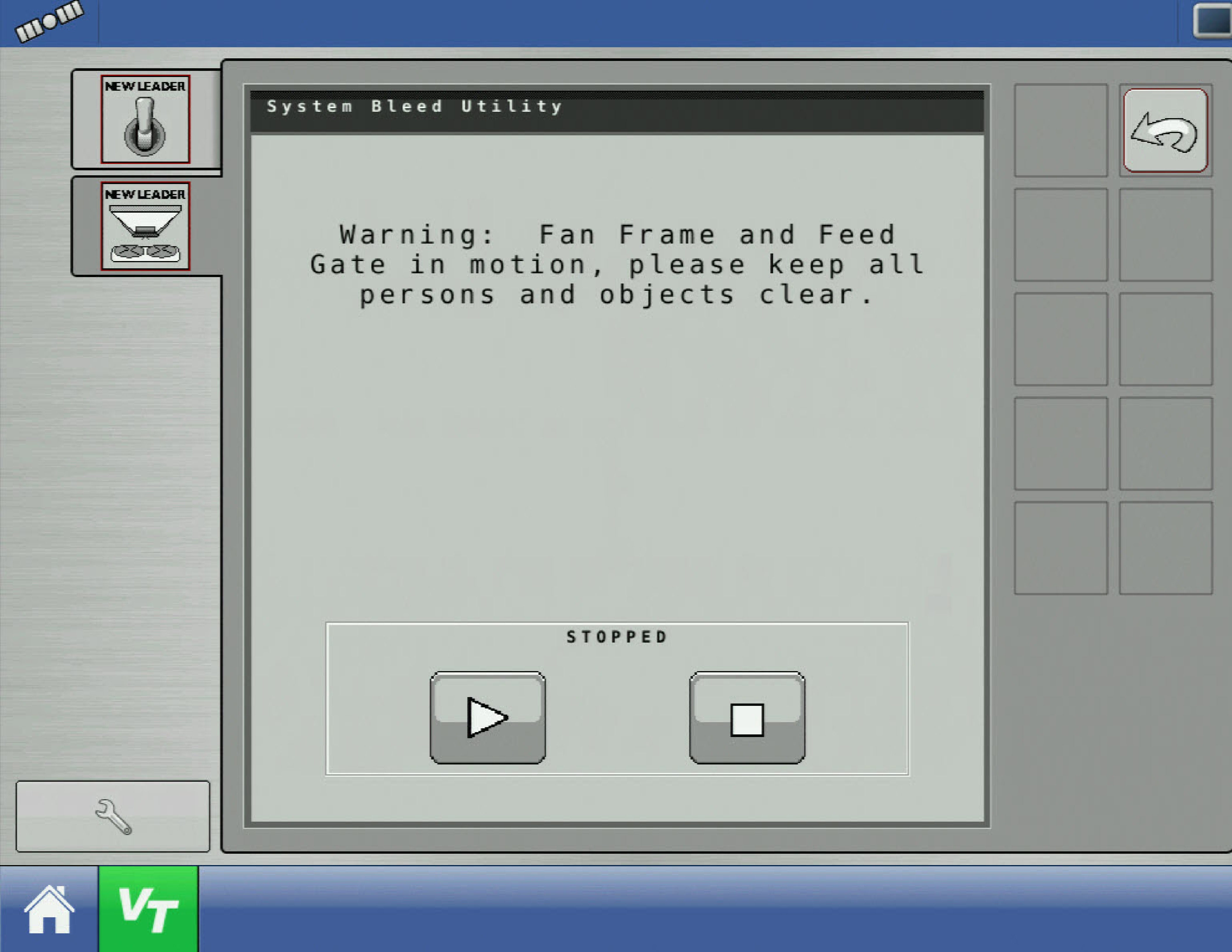

NEW LEADER
NEW LEADER
Chain Oiler
Dimensions
Conveyor: 14.0 ft
Sprocket: 4.35 in
Service Reminder
ON - 10 hrs
Remaining: 10
Oil Spray Duration:
1
revolutions
Lube Routine Duration:
1
revolutions
PAUSED
VT

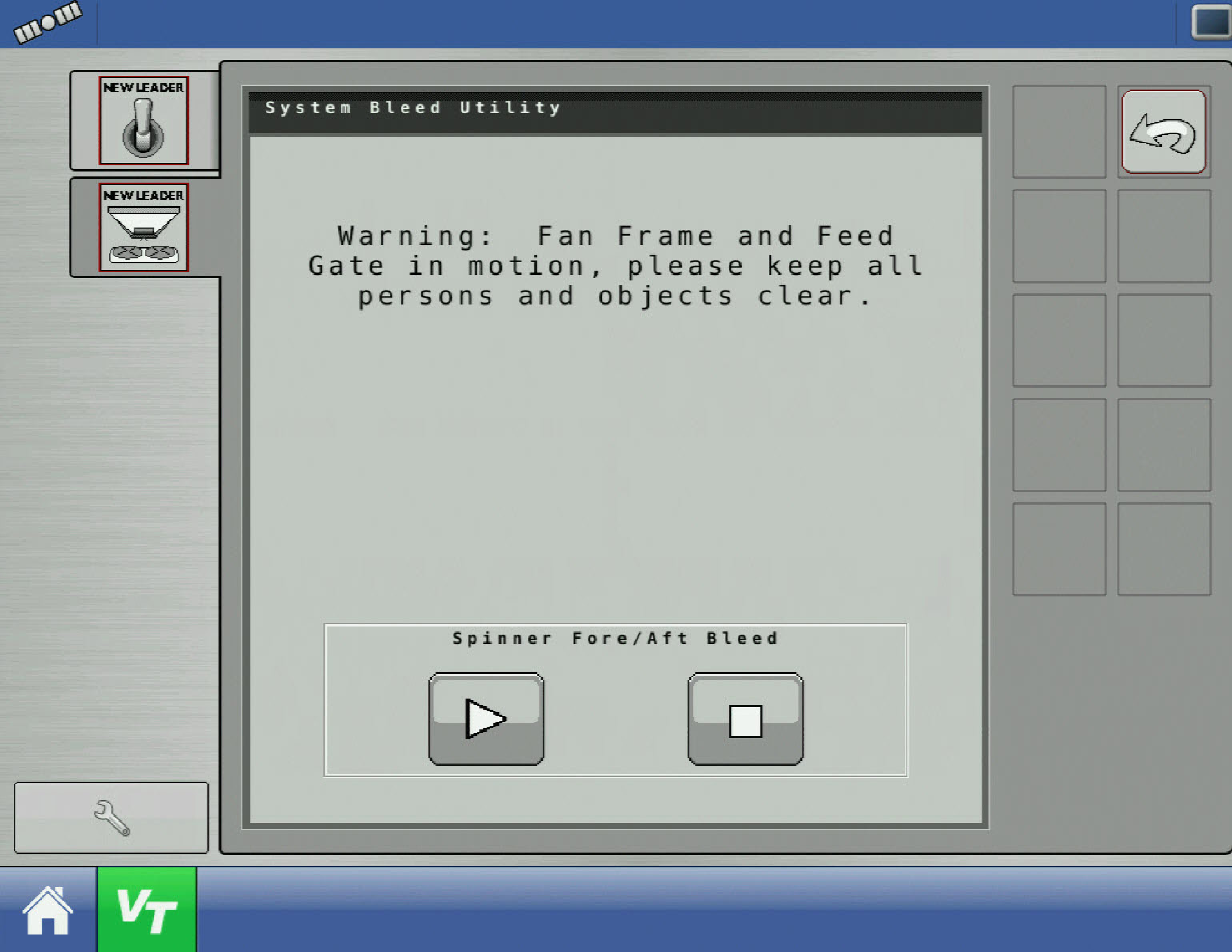

NEW LEADER
NEW LEADER
Enable Spinners
Return the spinner hydraulic circuit to a field ready condition. The spinners will now restart.
VT

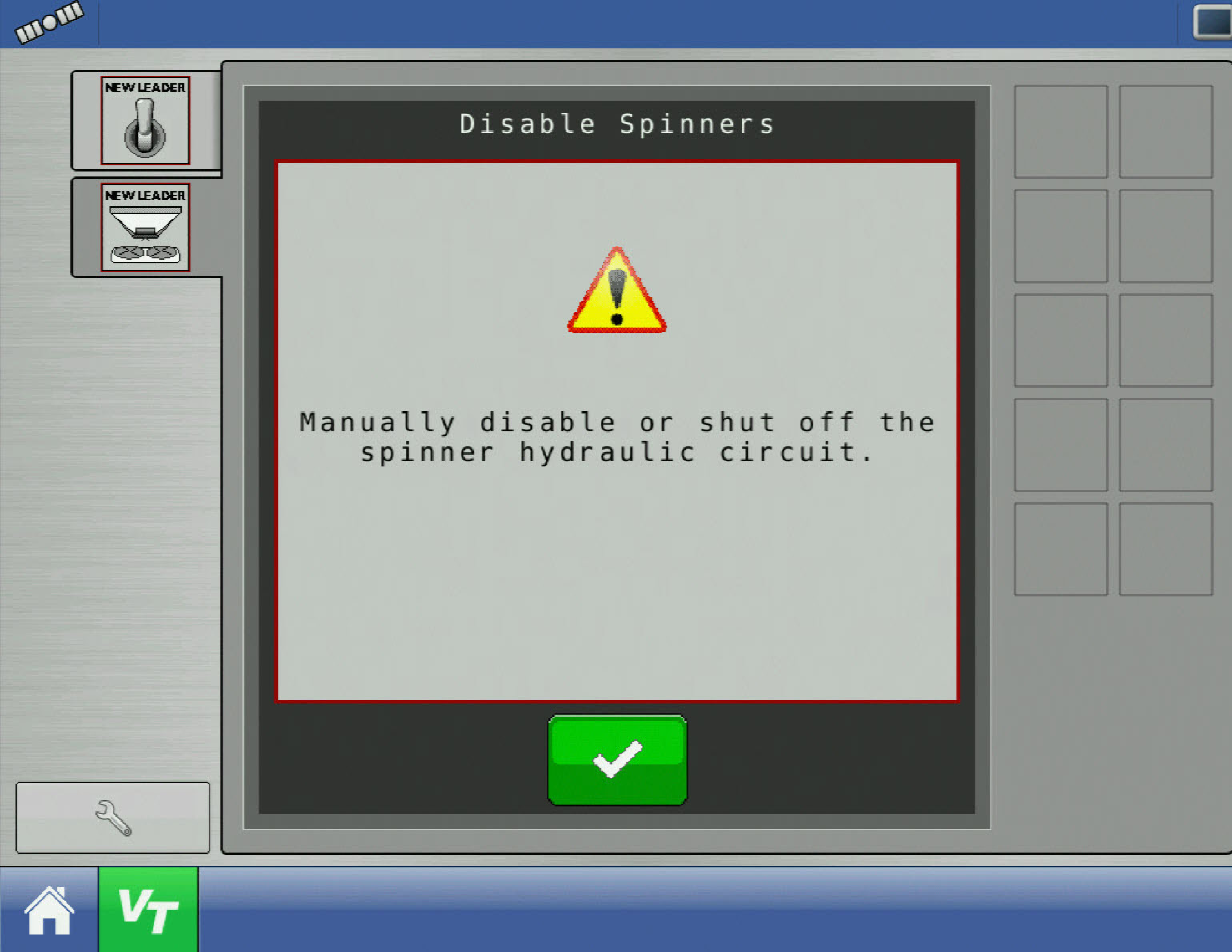

NEW LEADER
NEW LEADER
Conveyor Dimensions
Conveyor Length:
14.0
ft
Sprocket Diameter:
4.35
in
VT

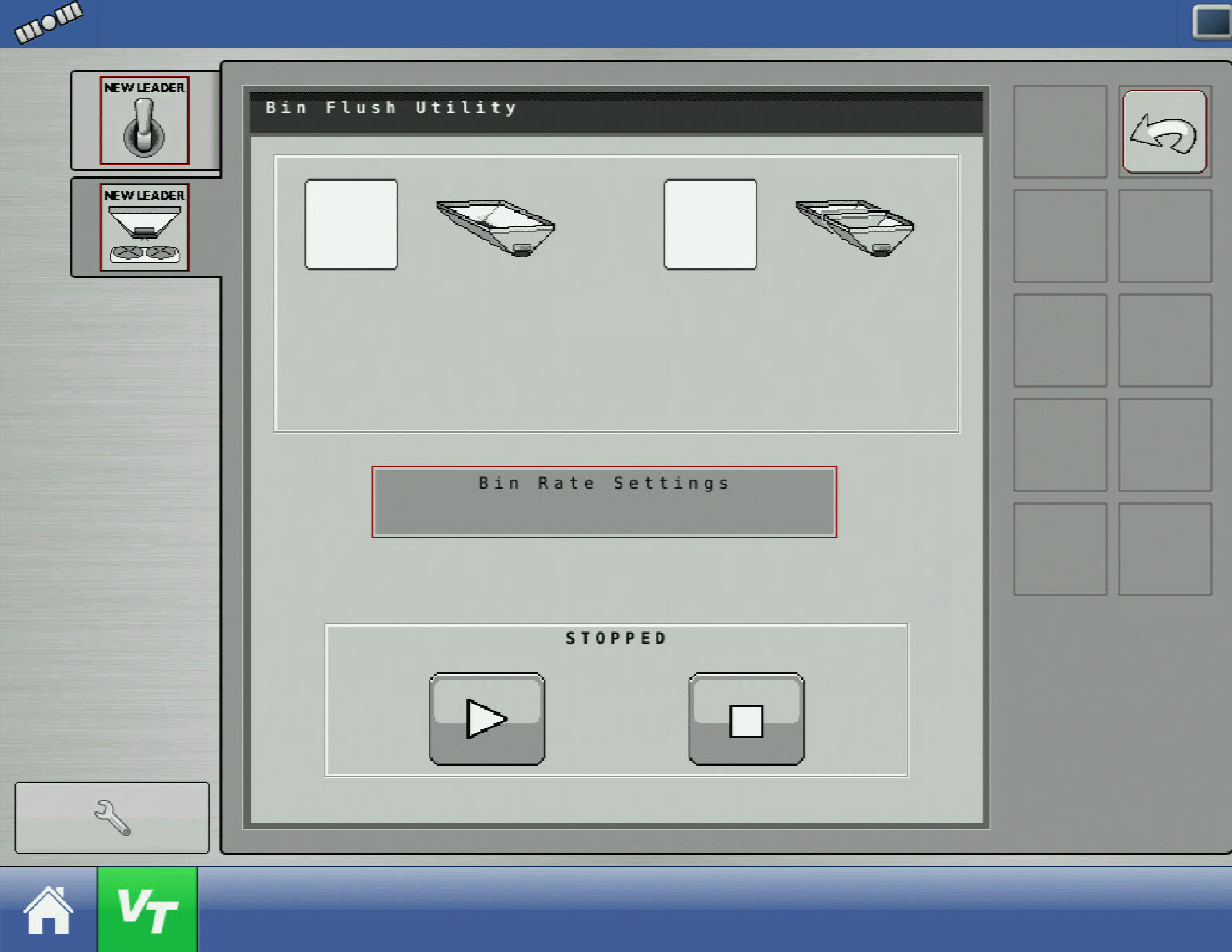


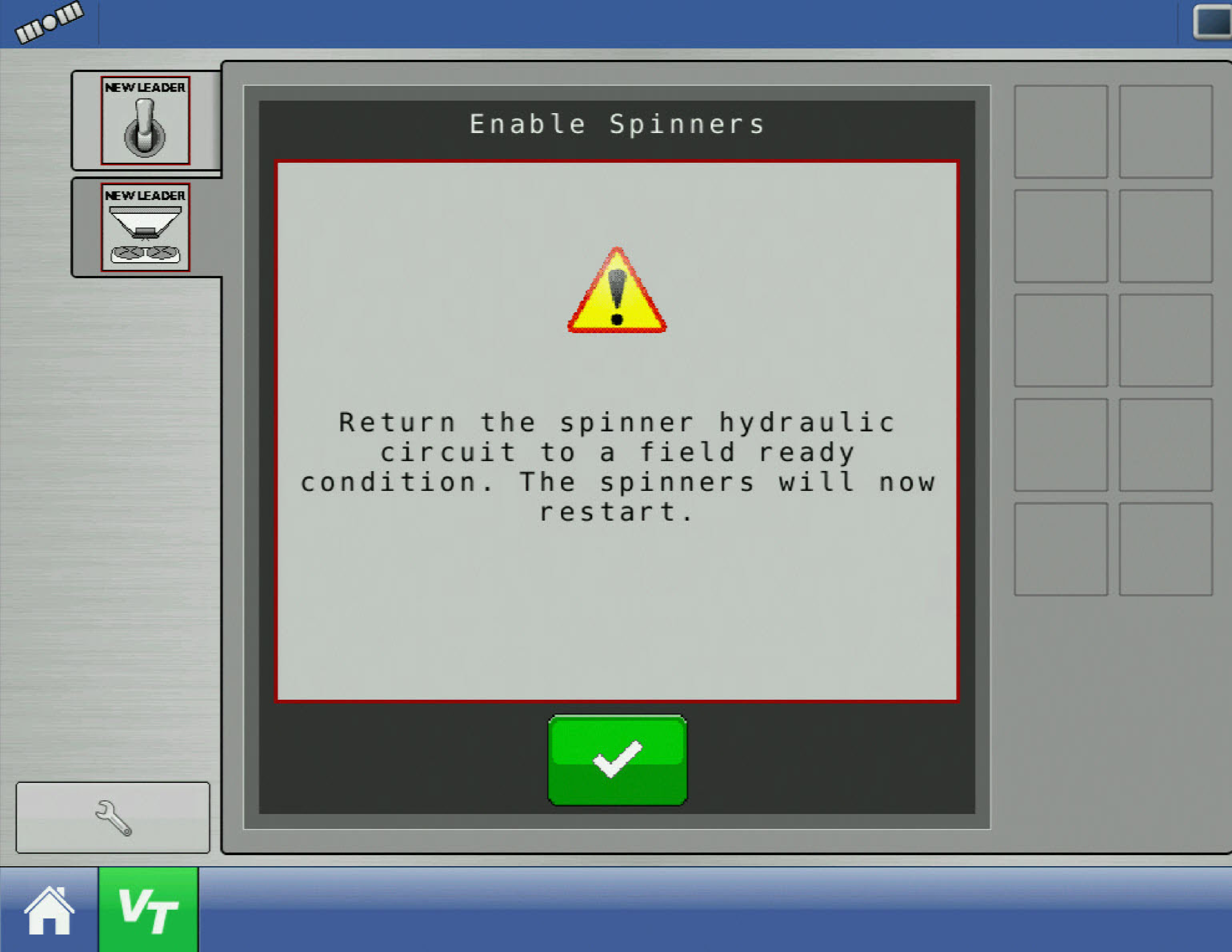
NEW LEADER
NEW LEADER
Chain Oiler Service Reminder
Enable:
Reminder Interval:
10
hrs
Remaining: 10
VT

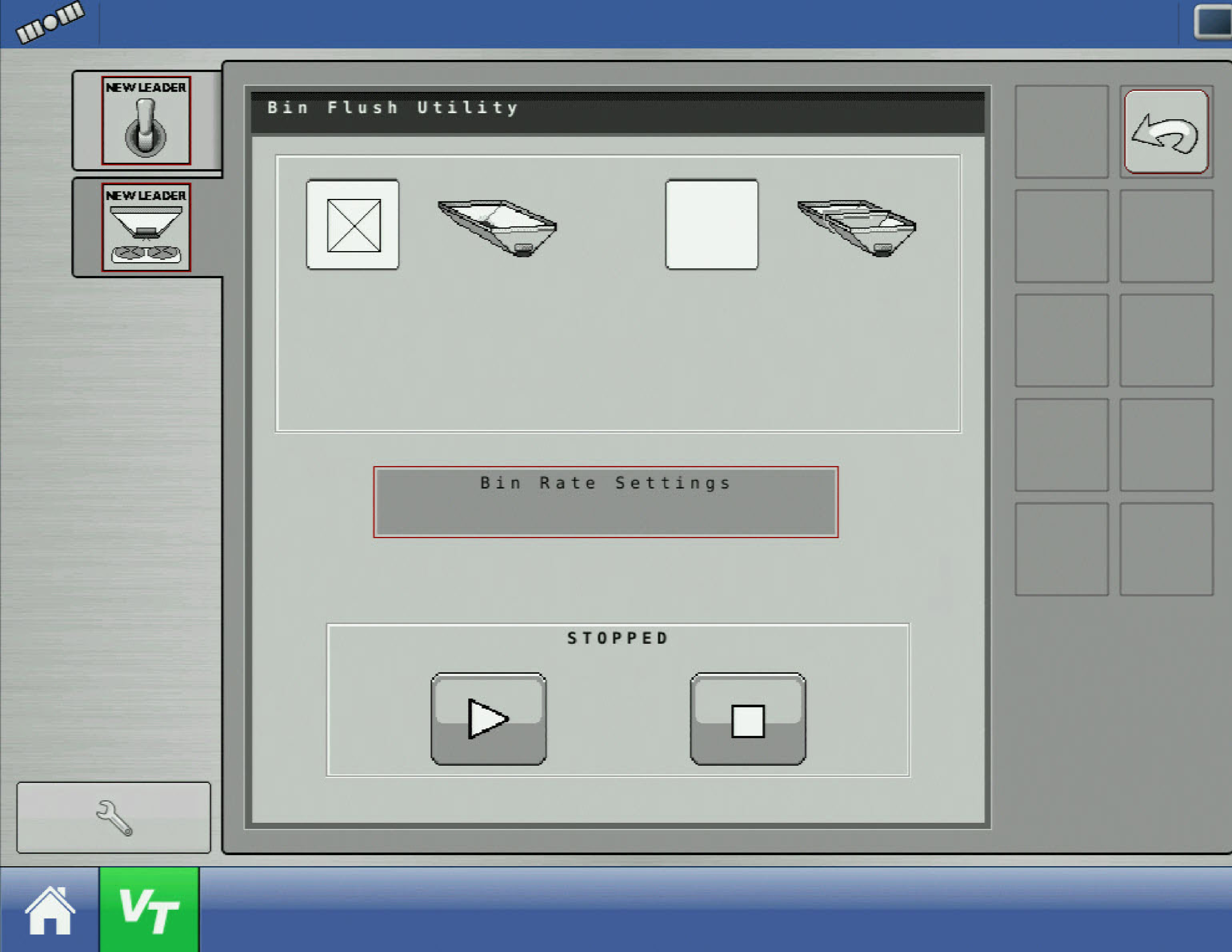

NEW LEADER
NEW LEADER
System Bleed Utility
Warning: Fan Frame and Feed Gate in motion, please keep all persons and objects clear.
STOPPED
VT

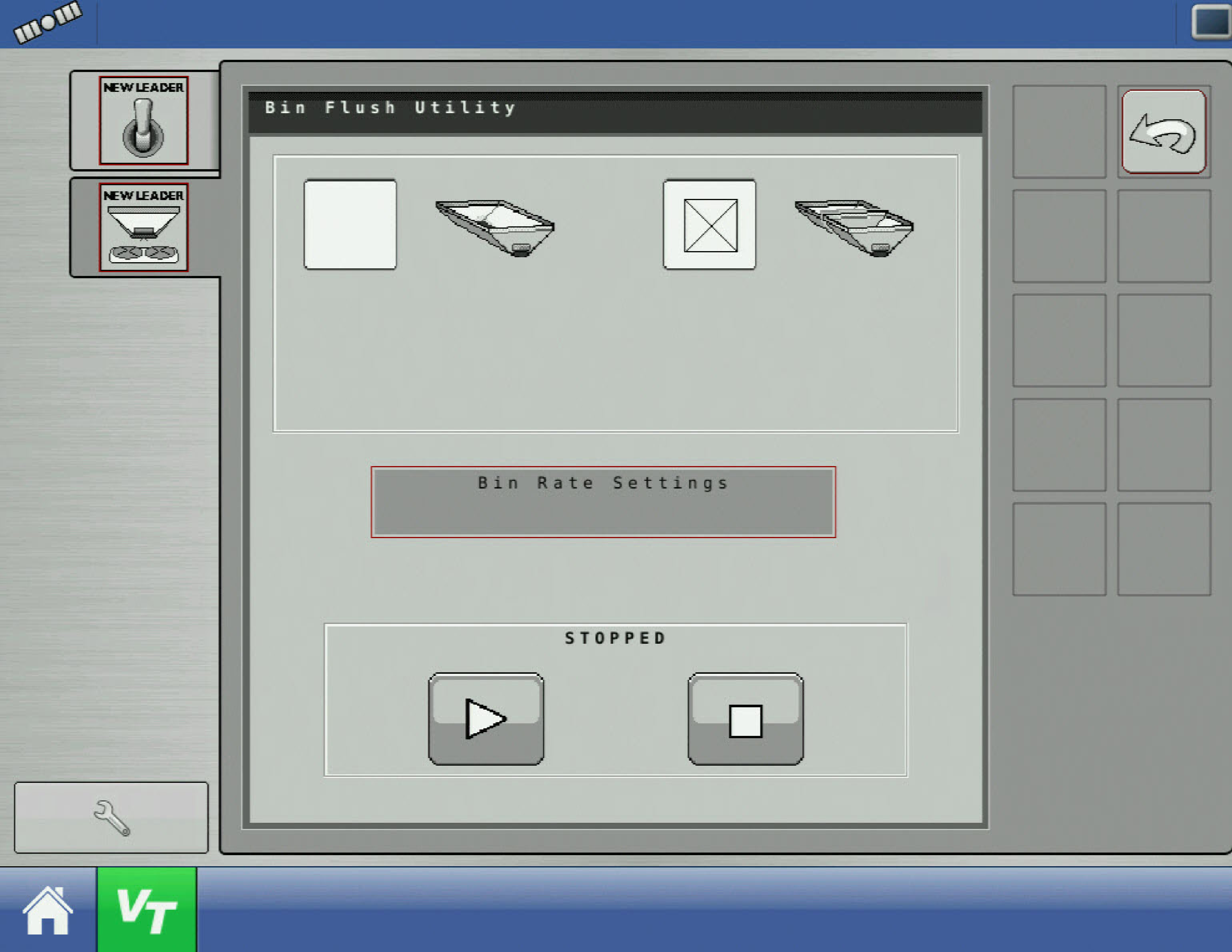

NEW LEADER
NEW LEADER
System Bleed Utility
Warning: Fan Frame and Feed Gate in motion, please keep all persons and objects clear.
Spinner Fore/Aft Bleed
VT

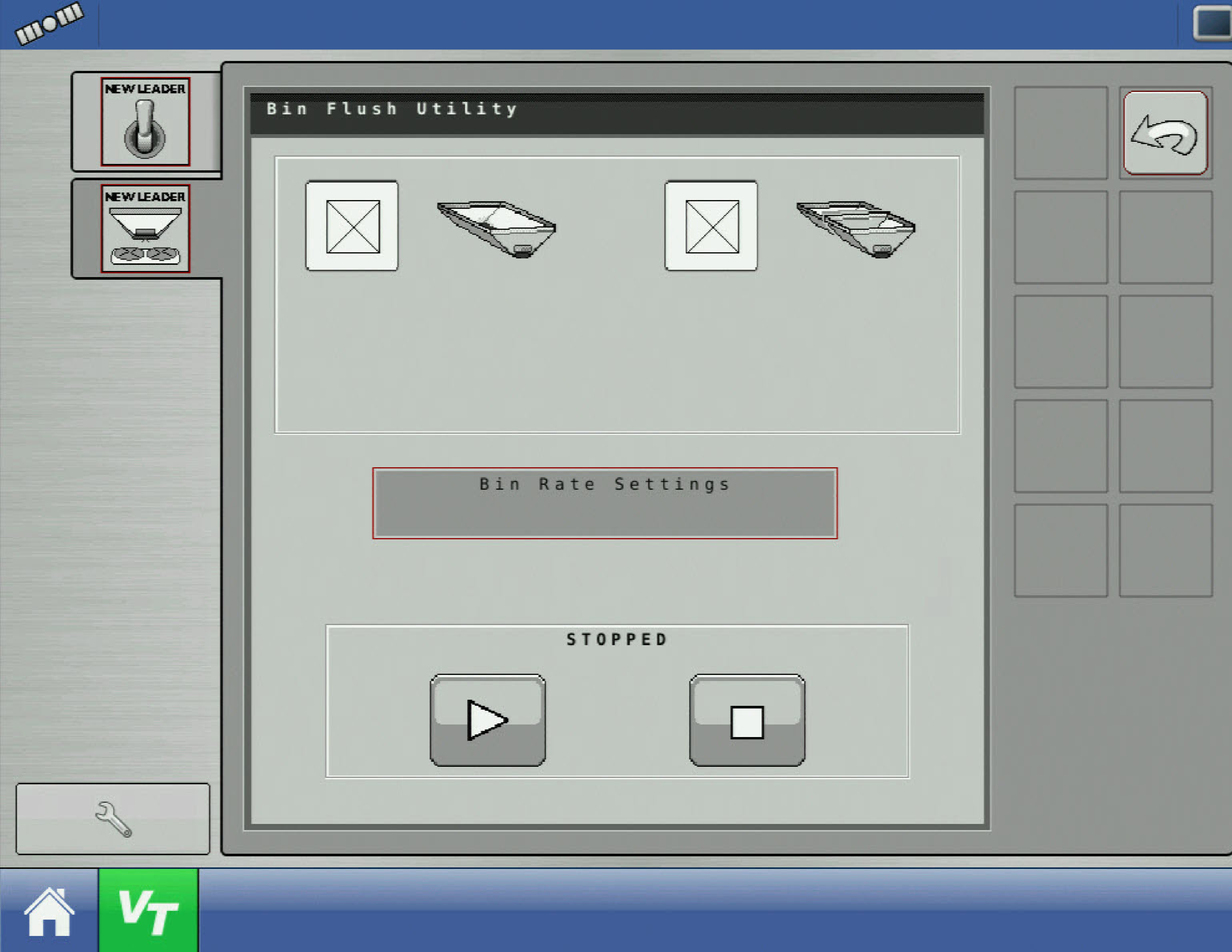

NEW LEADER
NEW LEADER
Disable Spinners
Manually disable or shut off the spinner hydraulic circuit.
VT

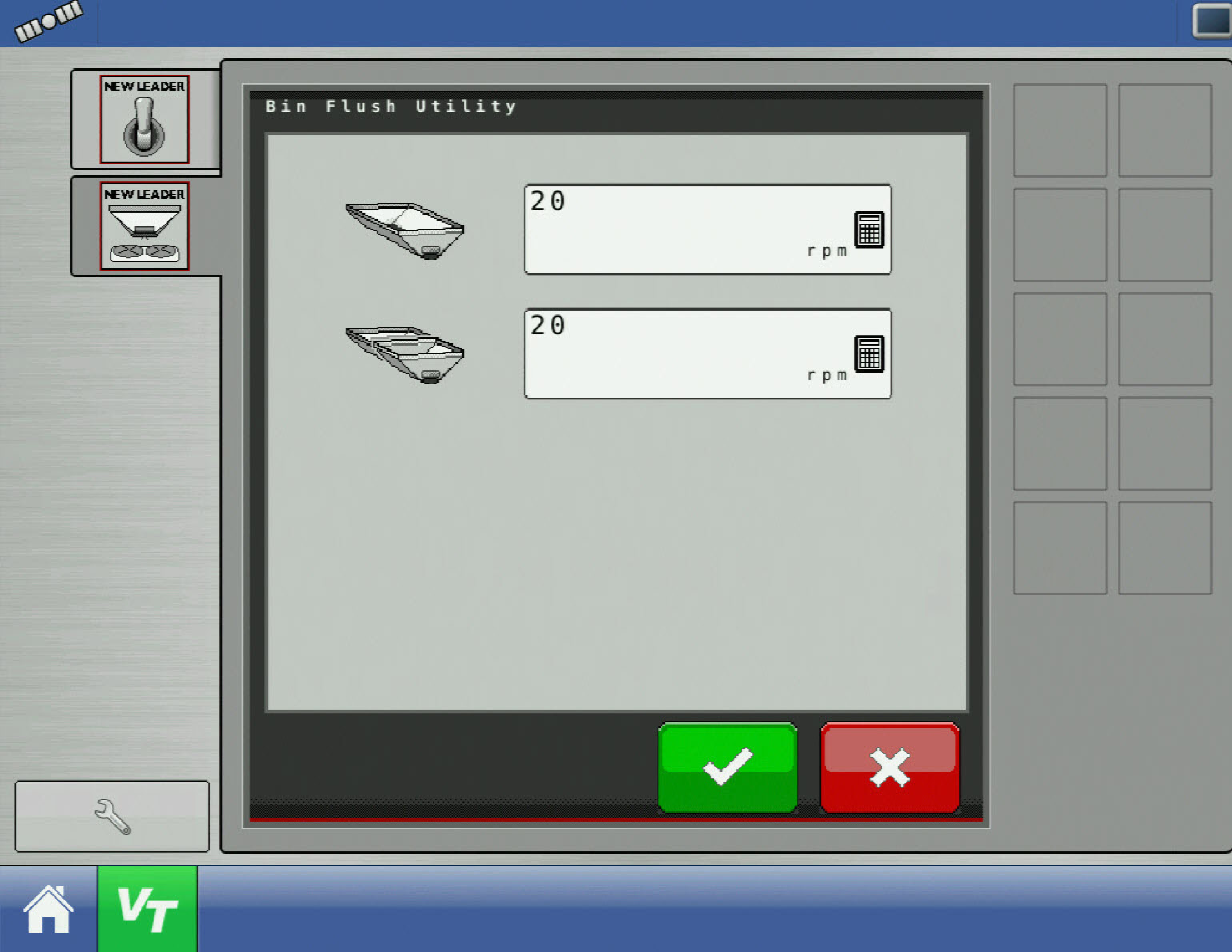

NEW LEADER
NEW LEADER
Bin Flush Utility
Bin Rate Settings
STOPPED
VT


NEW LEADER
NEW LEADER
Enable Spinners
Return the spinner hydraulic circuit to a field ready condition. The spinners will now restart.
VT

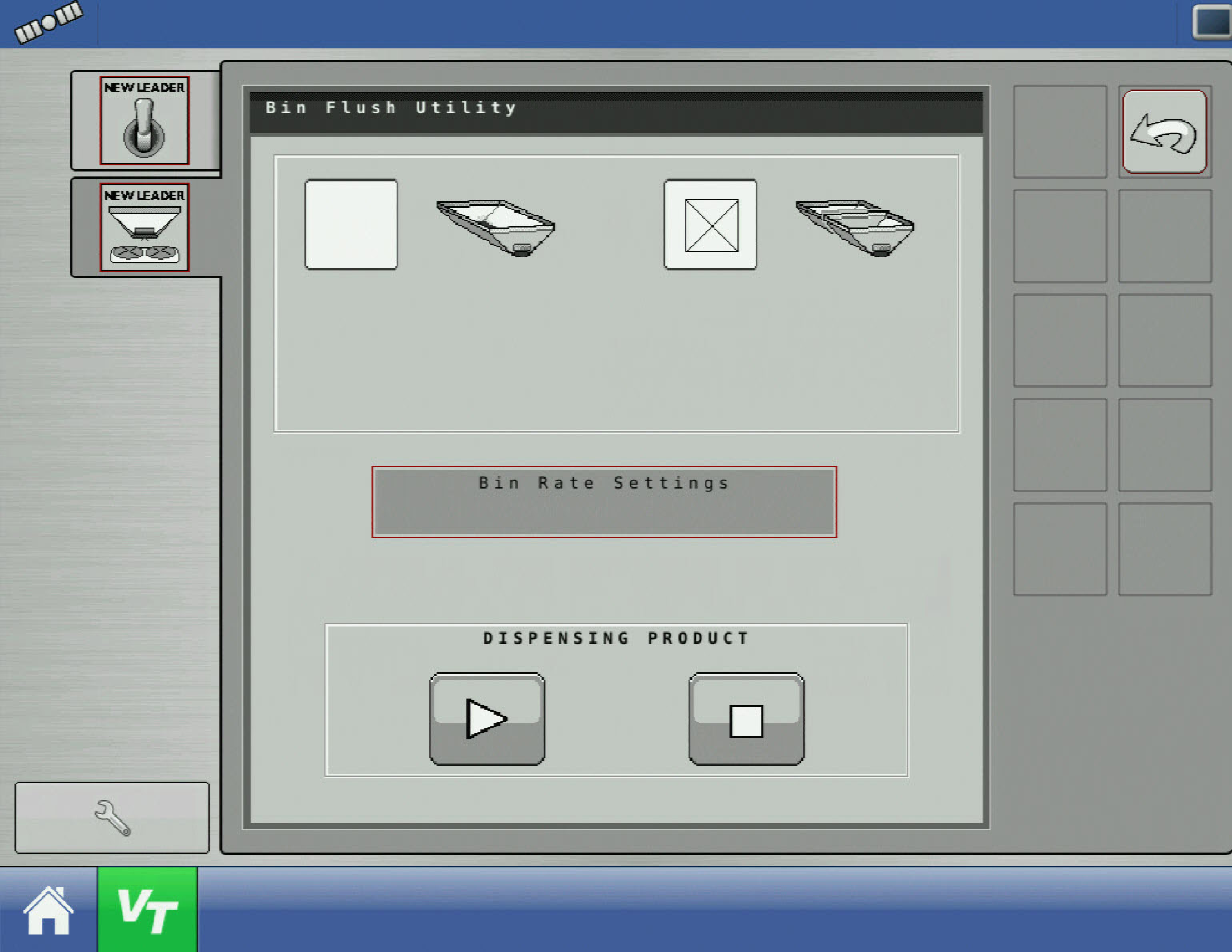

NEW LEADER
NEW LEADER
Bin Flush Utility
Bin Rate Settings
STOPPED
VT


NEW LEADER
NEW LEADER
Bin Flush Utility
Bin Rate Settings
STOPPED
VT

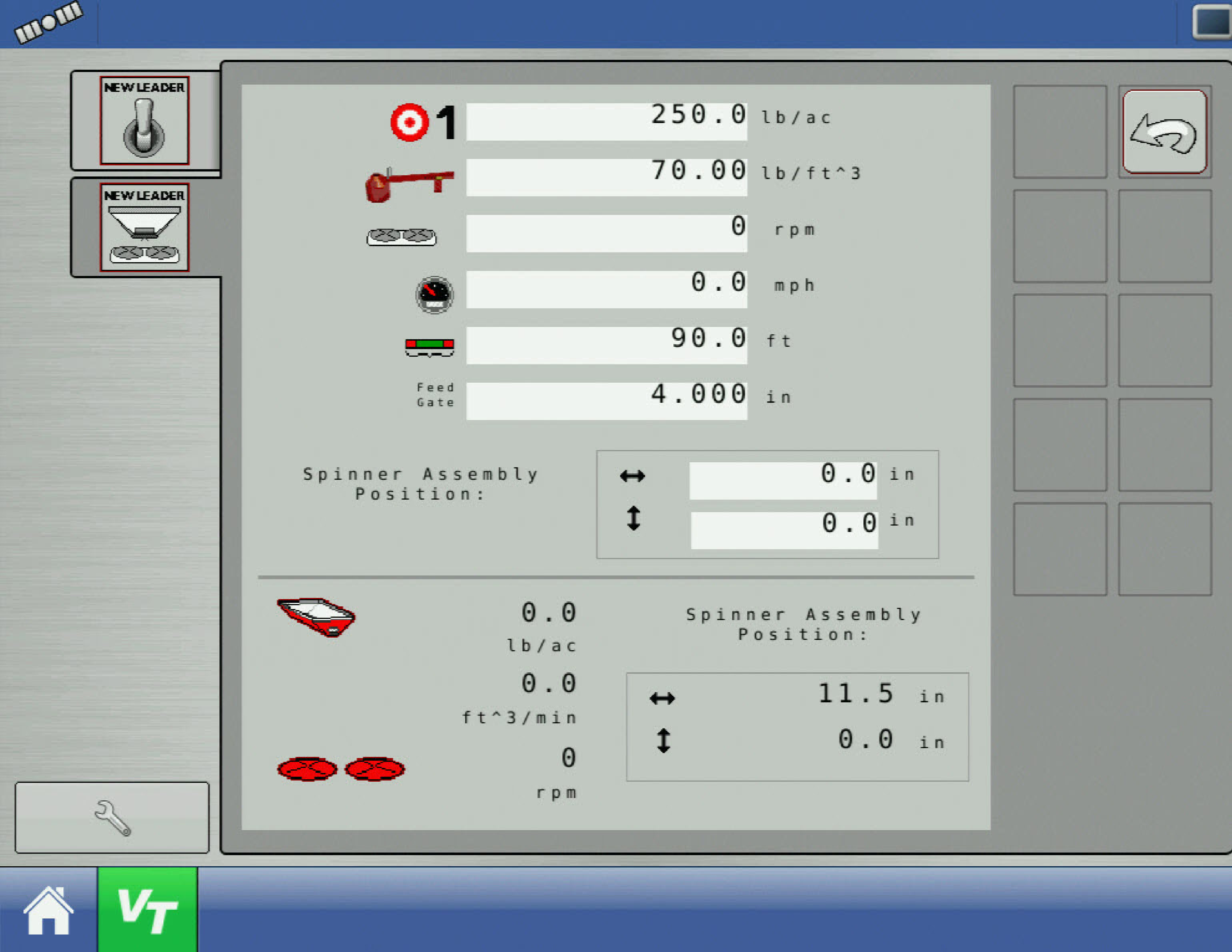

NEW LEADER
NEW LEADER
Bin Flush Utility
Bin Rate Settings
STOPPED
VT

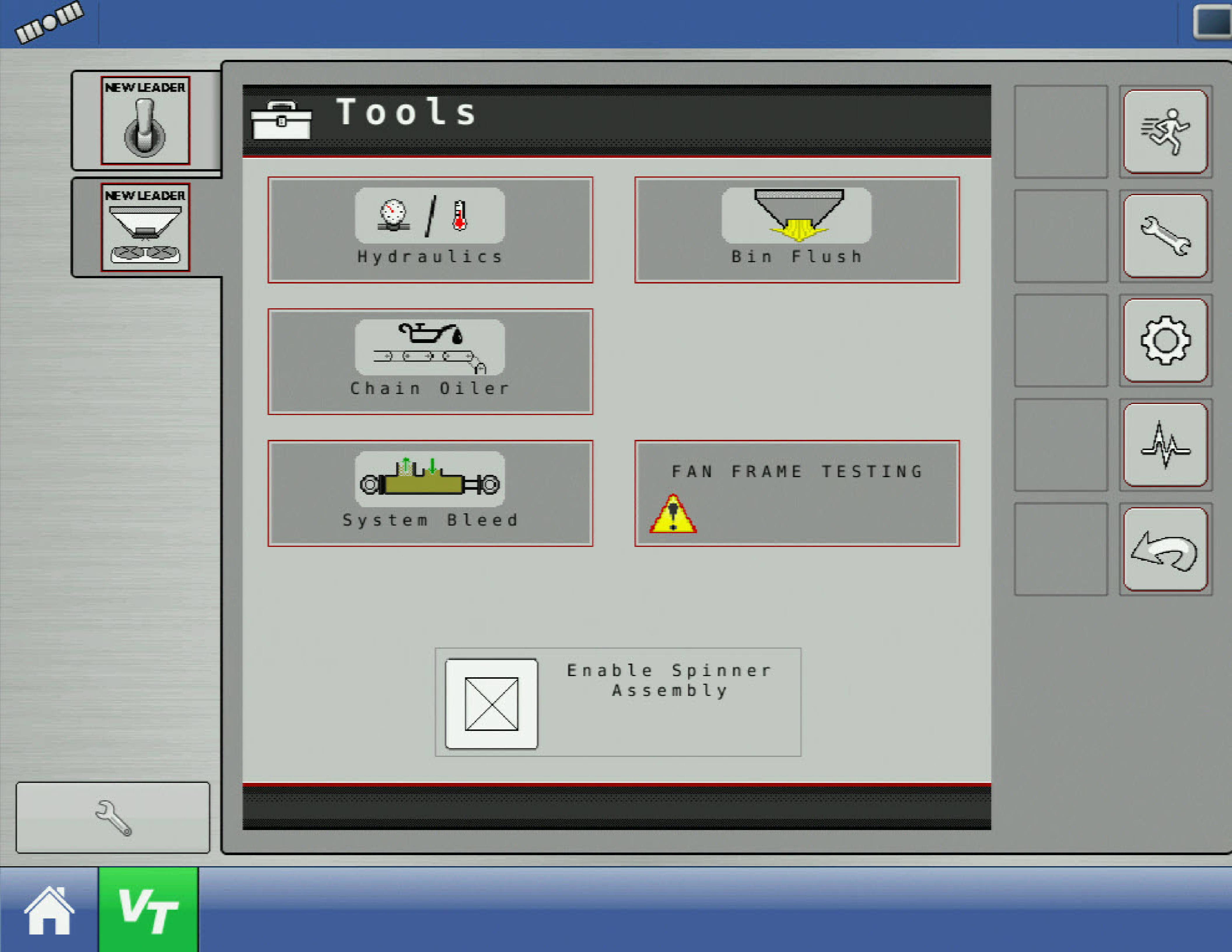

NEW LEADER
NEW LEADER
Bin Flush Utility
20
rpm
20
rpm
VT


NEW LEADER
NEW LEADER
Bin Flush Utility
Bin Rate Settings
DISPENSING PRODUCT
VT


NEW LEADER
NEW LEADER
Bin Flush Utility
Bin Rate Settings
DISPENSING PRODUCT
VT


NEW LEADER
NEW LEADER
Bin Flush Utility
Bin Rate Settings
DISPENSING PRODUCT
VT


NEW LEADER
NEW LEADER
1
250.0 lb/ac
70.00 lb/ft^3
0 rpm
0.0 mph
90.0 ft
Feed Gate
4.000 in
Spinner Assembly Position:
0.0 in
0.0 in
0.0
lb/ac
0.0
ft^3/min
0
rpm
Spinner Assembly Position:
11.5 in
0.0 in
VT


NEW LEADER
NEW LEADER
Tools
Hydraulics
Bin Flush
Chain Oiler
System Bleed
FAN FRAME TESTING
Enable Spinner Assembly
VT