SeedStar™ 2 Planter Quick Reference Guide

With Optional RowCommand™

Drive Status Bars

Green Bars: Section active and ready to plant.

Black Bars: Section deactivated manually by operator.

Outlined Bars: Section deactivated by SwathControl™ command (when activated).

Bars Not Visible: Section active, but cannot be controlled manually or with RowCommand™.

RowCommand™ Buttons: Select buttons to turn sections on and off manually.

Target Pneumatic Down Force Level Select button to view Pneumatic Down Force Control Panel

Pneumatic Down Force System Indicator Arrows Up arrow indicates system is increasing down force level.

Down arrow indicates system is decreasing down force level

Planter At a Glance
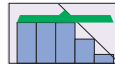
Black bars indicate row is planting normally.
Orange bars indicate row is planting above or below alarm setpoints.
Red bars indicate row is not planting.

Speed Display
Caution Message Display
User Defined Totals
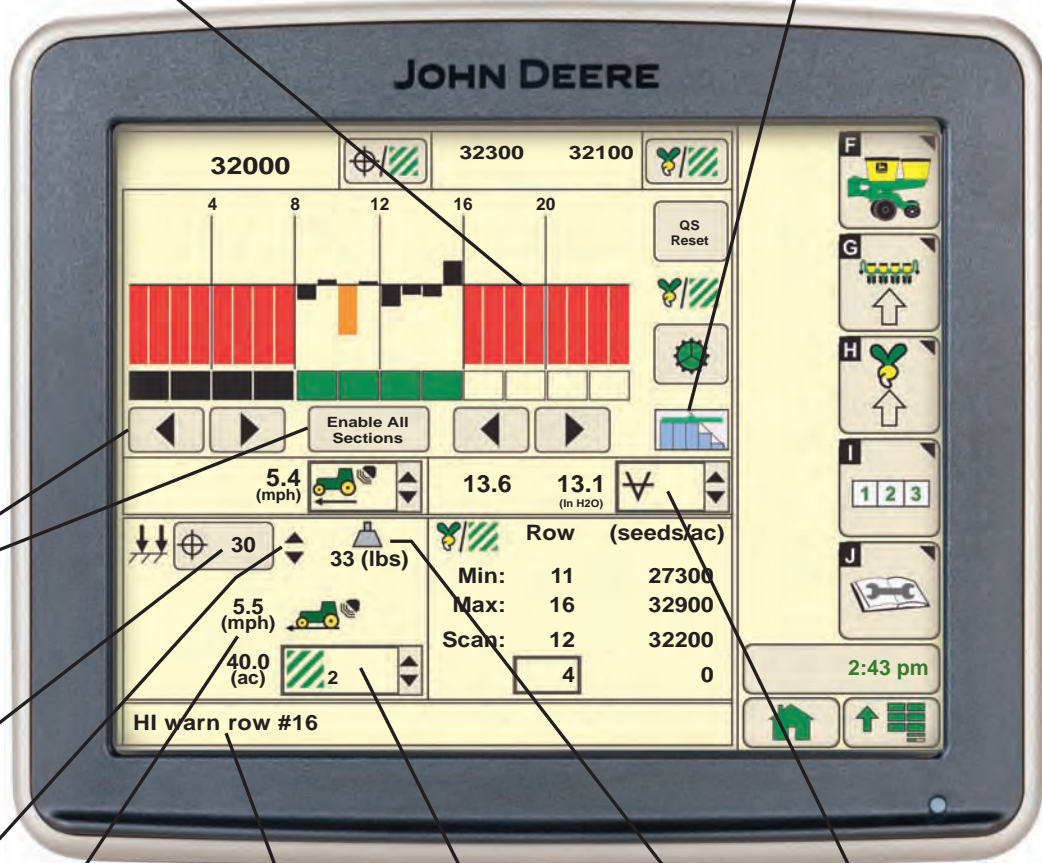Actual Pneumatic Down Force Level
Vacuum Level Icon

Drives Status ICON

Clutch Icon: Sections can only be controlled manually by operator.

Section Icon: Sections are controlled by John Deere Section Control™ (when activated).

Population and Rates

Target Seeds per Area displays the desired seeding rate entered in Planter Rates Setup. On VRD machines, select this button to toggle between programmed rates including R_X prescriptions (Rate 6, VRD only).

Average Seeds per Area displays the actual average rate planted. Select button to toggle between whole planter average and drive section average.

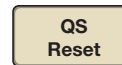## Other Useful Buttons

Toggle Home Screens
Enter, Done, Save, Finish
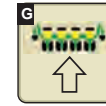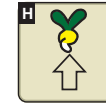Toggle
Rotate Seed Meters
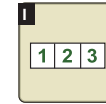Quick Start Reset
Cancel

Getting Started

Planter – Main: Select for planter main run screen.

Planter – Configuration: Select to change planter frame, drives, and sensor configuration.

Planter – Rates: Select to change crop type, rates, and meter configuration.

Totals: Select to view planted area, hours, and calculators.

Diagnostics: Select to view sensor readings and fault codes.

Pneumatic Down Force Control Panel
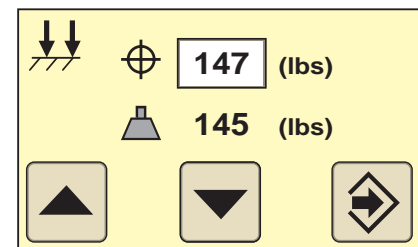
- Enter target down force in input box.
- Select up or down arrow buttons to change pneumatic down force by preset Step Value.
- Enter low down force level alarm set point and Step value in PDF Air Pressure Setup Screen.
- Select: Menu>>Planter>>Configuration Softkey>>Sensor Tab>>Select PDF Air Pressure from drop down menu.

Crop Setup – Ground Drive

Select **Rates** Softkey (H).

Select **Crop Name** from drop down menu. Select desired crop from list. If desired crop name is not listed, select a **Custom** crop name.

Select **Target Rate** input box and enter desire population.

High and low warning limits are automatically set to a percentage above and below target rate. To change limits, select **High** and **Low Warning** input boxes and enter a new value.

Refer to **Rate Charts & Settings** Manual or Seed Transmission Sprocket Calculator (Menu>>Planter>>Totals>>Calculator>>Seed Transmission).

To access Seed Estimators and Vacuum Calculator select **Totals** softkey (I) >> **Calc** tab >> and choose the desired calculator from the drop down menu.

Standard Run Screen

Planter At a Glance
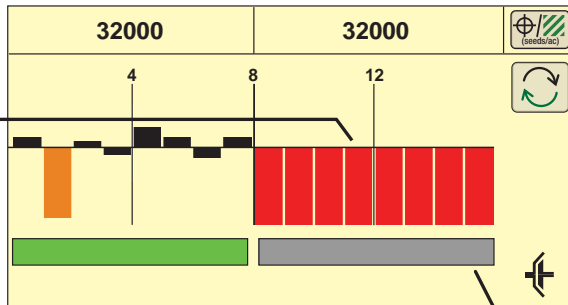
Black bars indicate row is planting normally.

Orange bars indicate row is planting above or below alarm setpoints.

Red bars indicate row is not planting.

Drives Status Bar

Green bar indicates that clutch or motor is engaged and drives are active.

Gray bar indicates that clutch or motor is disengaged and drives are inactive.

Transport Mode:

To disable seed sensor warnings while in transport, navigate to: Planter >> Planter Configuration >> depress "Transport Mode" key. To disable "Transport Mode" to resume planting, depress key on screen.

Headland Warning Suppression:

Check box (Planter Configuration >> Sensor >> Seed) to disable seed sensor warnings when the planter is raised in field position (requires a height sensor and height sensor must be calibrated).

Crop Setup – Variable Rate Drive

Select **Rates** Softkey (H).

Select **Use 1 Rate for All Motors** check box. A check indicates one rate for all motors. An empty box indicates different rates for each motor.

Rate 6 is used for map based prescription. To enable controller to use a prescription, select the **On** drop down box under rate 6. From RUN screen select the Rx rate. Once rate is selected, the run page has a small Rx indicator near the Target Seeds per Area icon.

Select **Crop Name** from drop down menu. Select desired crop from list. If desired crop name is not listed, select a **Custom** crop name.

Select **Disk Type** drop down menu. If planter has mechanical meters, mechanical meter selections appear. If planter has vacuum meters, vacuum disk selections appear. Select meter or crop from list.

Select **Seed Disk** drop down menu and select the vacuum disk used. Verify this disk is in meter.

Select **Show Rates** button, then select **Change Rates** button.

If using different rates for each motor, select **Motor** drop down menu to assign rates to each motor.

Select **Rate** drop down menu and choose a rate from the list to assign a population to that rate.

Select **Target** input box and enter the target population for the selected rate.

High and low warning limits are automatically set to a percentage above and below target rate. To change limits, select **High** and **Low Warning** input boxes and enter a new value.

To see a rate on the RUN page as a choice, select **On** and **Off** drop down box and choose **ON**.

Select **Enter** button.

VRD Status

| 1. No Activity | 2. Wheel Motion, Sensor Active |
| 3. Planter Lowered | 4. Drives Engaged |