

GreenStar™2 Documentation Totals



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PF13558

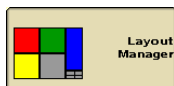
GreenStar 2 Documentation Totals

Setting Up Home Pages

Select:



Menu



Layout Manager




Green Region on Page



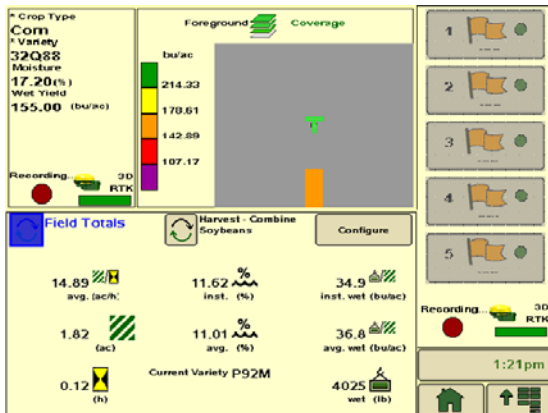
GreenStar2 Pro > Page forward

Load Totals	Harvest - Combine Corn	Configure
Load Name Truck	15.29 % inst. (h)	150.1 inst. vol (bu/c)
Load Destination Elevator	16.46 avg. (ac/h)	0.31 (ac)
Load Number - 267 +	Save Load	2439 vol (lb)

Select the lower screen. You can add other GreenStar 2 Pro screens in the remaining regions.

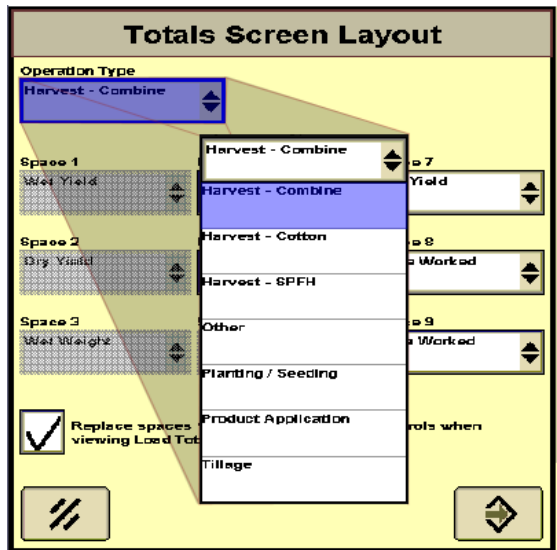
Press  when setup is complete.

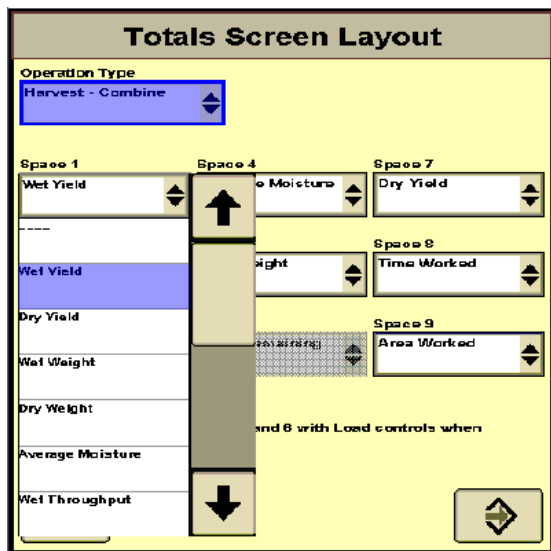
Configuring the Totals Screen



The Totals screen can be configured to meet the needs of the operator by clicking **Configure**.

The configuration is different for each type of operation. This example sets up the Harvest-Combine Operation Type.

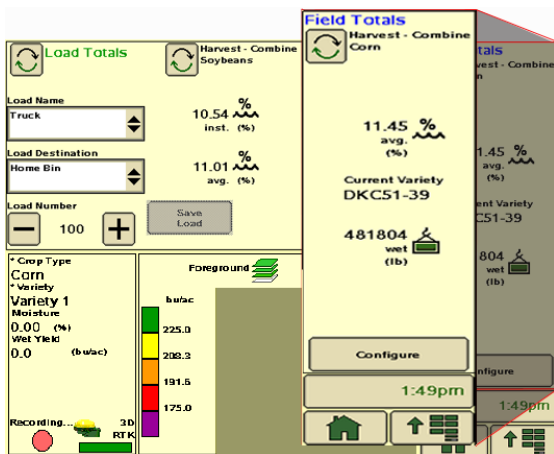




Each field on the screen can be changed to show the information that you want to see for that operation.


For Harvest Operations, check the box replaces spaces 1, 2, 3, and 6 with load controls for recording load data.

The Totals screen for the softkey region can be configured in the same way. On both screens, some of the regions can be left blank, to make the remaining numbers stand out more clearly. In this way, the home page can be built to meet the needs of the individual operator, with either a few key numbers or with a detailed screen that shows everything happening in the operation.




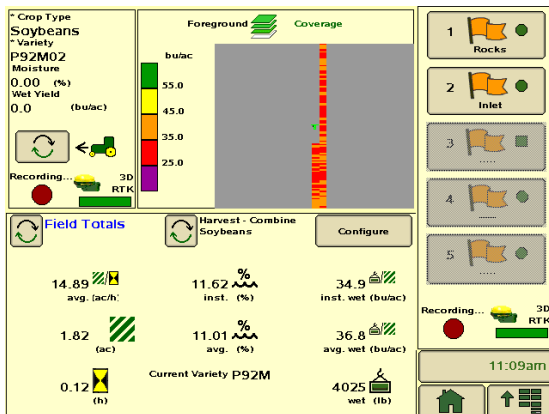
Viewing Totals Data

Once the Home Page has been created and configured, it can be used to show the current operation data.

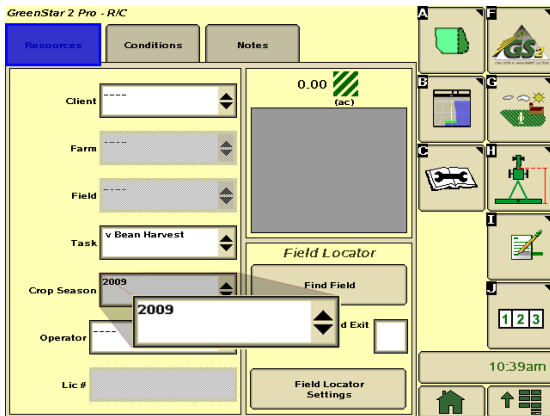
This data can be toggled between the current Field data and the current Load data by pressing  in the upper left-hand corner of the screen.

When looking at field data, it's possible to view the totals for all varieties or for the variety currently being harvested. This is

done using the  button in the top center of the screen.



Tracking Crop Season

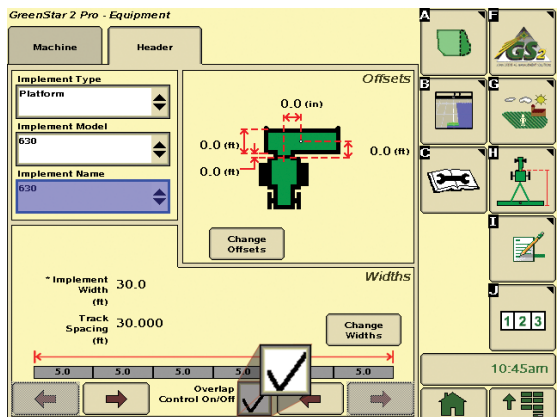


GreenStar 2 Pro field documentation tracks the crop season for each operation. This allows you to report on everything that you did for a crop, even if some of the operations occurred in the previous year. Common examples of this are fall tillage operations and winter grain crops.

The Crop Season is selected on the Client/Farm/Field page from the drop-down menu. This value will automatically be set to the current calendar year unless the operator changes it.

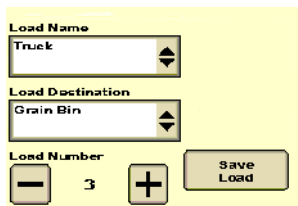
Using Overlap Control

Overlap Control automatically adjusts the width of the header as the harvester moves over areas that have already been harvested. This feature improves the accuracy of the area and yield data. Overlap Control is turned on by checking the on the Header setup screen.



When Overlap Control is turned on, the manual controls for changing the header width are disabled.

Recording Load Data



The screenshot shows a form for recording load data. It has three main sections: 'Load Name' with a dropdown menu showing 'Truck', 'Load Destination' with a dropdown menu showing 'Grain Bin', and 'Load Number' with a text input showing '3'. Below the 'Load Number' input are two buttons: a minus sign and a plus sign. To the right of these is a 'Save Load' button.

The Loads feature is a very flexible tool which is best utilized when the user adapts it to their operation by determining the most beneficial way to divide the harvest into groups.

Here is a brief list of how the groups could be defined:

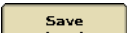
- Different Fields
- Different parts of the same field
- Various Destinations (on-farm bins, in-town elevator)
- Scale tickets back to the field
- Different Varieties

Each load is identified by:

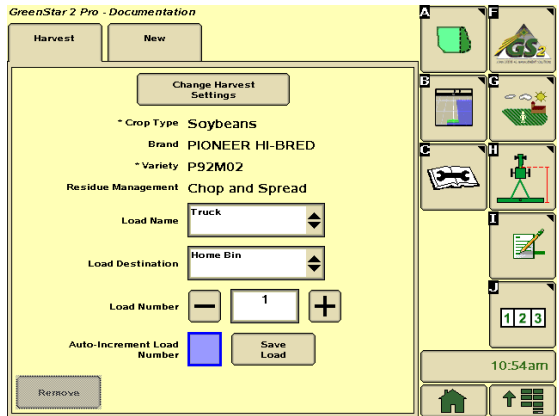
- Name
- Number
- Crop Type
- Season

The Load Name and Load Destination are selected from the drop-down lists. New names and destinations can be created at any time or can be created in Apex and saved to the card with other setup information. The Load Number is selected using the + and – buttons to increase or decrease the number. The destination is an optional field that can be used for reports. A destination can have more than

one load with the same number. The operator can set the Load Name, Destination and Number at any time before the load is saved.

Load Totals will continue to accumulate until the operator presses the  button.

When the load is saved, the accumulated total is stored and the Load Number automatically increases by one. The load data can be viewed on the display or by using Apex or another compatible desktop program.



The operator can select the Auto-Increment Load Number box on the Harvest operation setup screen. If this box is selected, the system will automatically increase the Load Number by one every time the grain tank auger stops.

When Auto-Incrementing is selected, the Save Load button is disabled.

Adding to an Existing Load

The Load Number can be changed back to a number that has already been recorded using the + and – buttons. This is useful if Auto-Incrementing is turned on and it is necessary to stop or swing the auger in before the grain tank is emptied.

The Load Data screen on the home page always shows the totals since the last time the load was saved. If the load number is changed to an existing load, the totals that have already been saved won't be reflected on the screen.

To see these values, press



to view the

reports.

Additional Load Tips

A load doesn't have to be a combine bin load. If your operation is more concerned with truck loads, you can track the crop in each truck by using one number until the truck is emptied.

The Load Name and Load Destination fields don't have to have the name and destination in them. If tracking where the crop is going is important to you and you don't care about how it gets there, use the Load Name field for the destination. For example, an operation that is delivering to several elevators can create a Load Name for each elevator.

A single load can have totals from more than one field. This allows you to finish a field and start another while tracking the load in a truck or cart.

The screenshot shows the Load Data screen with the following elements:

- Top status bar: 0 (in), Turn None.
- Field view: No AB Lines Defined, showing a combine harvester icon in a field.
- Control buttons: Load Totals, Harvest - Combine Soybeans, and Configure.
- Load Name: Truck
- Load Destination: Home Bin
- Load Number: 100 (with minus and plus buttons) and a Save Load button.
- Field Totals panel (right): Harvest - Combine Soybeans, 37.0 avg. wet (bu/ac), 11.01 avg. (%), 2.65 (ac), 14.85 avg. (ac/h), 97.9 wet (bu), and a time display of 11:12am.
- Bottom right: Home and menu icons.

Viewing Current Totals Reports

The GreenStar 2 Pro field documentation system allows you to view the totals for the operations that you are performing. This is a powerful tool that can display totals by field, crop, variety, and load.

Totals reports can be viewed by selecting:



Menu > GreenStar2 Pro > Totals

GreenStar 2 Pro - Reports and Totals

Field Totals

Harvest - Combine
Corn

Client
Client
Farm
Farm
Field
Field
Task
Harvest
Crop Season
2009

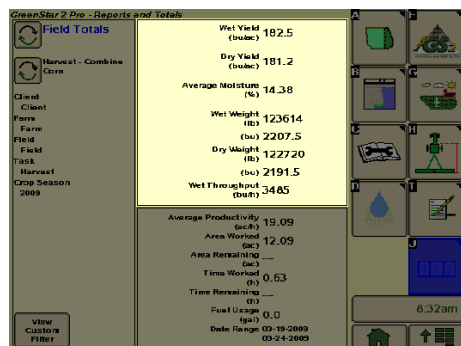
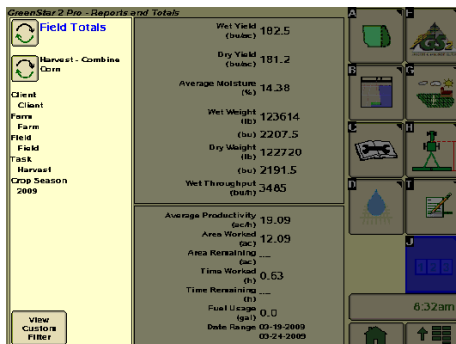
View
Custom
Filter

Wet Yield (bu/ac)	182.5
Dry Yield (bu/ac)	181.2
Average Moisture (%)	14.38
Wet Weight (lb)	123614
(bu)	2207.5
Dry Weight (lb)	122720
(bu)	2191.5
Wet Throughput (bu/h)	3485
Average Productivity (ac/h)	19.09
Area Worked (ac)	12.09
Area Remaining (ac)	---
Time Worked (h)	0.63
Time Remaining	---
Fuel Usage (gal)	0.0
Date Range	03-19-2009 03-24-2009

6:32am

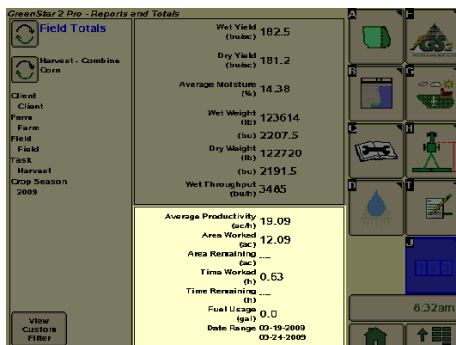
The Totals screen shows the current totals.

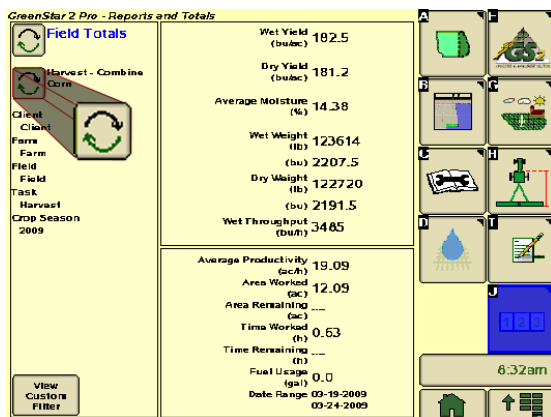
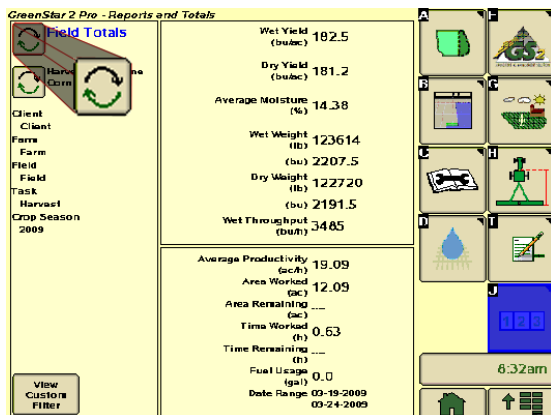
The operation type; client, farm, and field, and crop season are displayed in the box on the left. This box also contains the navigation buttons that allow you to change the contents of the screen.



The upper box on the right shows the operational data. This depends on the type of operation selected, but normally reflects either the application or harvest data.

The box on the lower right displays productivity data. This information is displayed for all operation types. The time and area remaining are dependent upon the field boundary. This information is not available if the field does not have a boundary.





Viewing Filtered Totals Reports

The GreenStar 2 Pro field documentation system also allows you to view totals for other operations or to view the accumulated data for several fields. This allows you to have some of the power of the Apex desktop system in the cab.

NOTE: Filtered Totals reports can only operate on data that is present on the data card. If the card has been cleared or if operations have been performed using a different card, that data will not be available for reporting.

GreenStar 2 Pro - Reports and Totals

Wet Yield (bu/ac)	45.1
Dry Yield (bu/ac)	45.1
Average Moisture (%)	10.91
Wet Weight (lb)	25198
(bu)	420.0
Dry Weight (lb)	25198
(bu)	420.0
Wet Throughput (bu/h)	480
Average Productivity (ac/h)	10.64
Area Worked (ac)	9.31
Area Remaining (ac)
Time Worked (h)	0.87
Time Remaining (h)
Fuel Usage (gal)	0.0
Date Range	02-05-2009 02-03-2009

Client: Kelly McChurch
Farm: All
Field: All
Task: All
Operation: Harvest - Combine
Crop: Soybeans
Variety: All
Crop Season: 2009
Load Name: All
Load Destination: All
Load Number: All

View Custom Filter

4:19pm

Filtered Totals are seen by selecting



Filter

Job
All

Client
Client1

Farm
Farm1

Field
Field1

Task
Harvest

Crop Season
2008

Operation Type
Harvest - Combine

Crop
Corn



Variety
All

Load Name
All

Load Destination
All


Load Number
 All Load Numbers 1

7:59am

The Custom Filter allows you to choose the criteria for the data that you want to see. You must select an Operation Type first, as this may cause some of the data filters to change.


For harvest operations, the Crop and Variety are required, but you can select All for the Variety. The other fields can be left as All, or specific values can be chosen.


Press  to create the report.


If you have a lot of data on the card, generating the report may take some time, particularly if you are performing an operation at the same time. While the report is being created, you can view other screens normally. The display will let you know when the report is complete.

When you return to the report screen, you will see the results of your custom filter. This screen is similar to the Current Totals screen, with the exception that the left-hand box now shows the custom filter that was used.

The results on the custom filter report include the Current Totals for the operation that you are performing, if it matches the filter that you specified. Current Totals are included as of the time that the report was created.

Press  if you would like to refresh or update the selected filter information.

Press  to bring up the custom filter dialog box again and change it.

Press  to return to Current Totals.



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