

Field Foreman PC

Field Management PC Software



User Instructions

NORTH AMERICA

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1 General information and warnings

1.1 About this manual

This manual is divided into chapters by the chapter number and the large text at the top of a page. Subsections are labeled as shown by the 1 and 1.1 headings shown above. The names of the chapter and the next subsection level appear at the top of alternating pages of the manual to remind you of where you are in the manual. The manual name and page numbers appear at the bottom of the pages.

1.1.1 Text conventions

Key and button names are shown in **bold** and reflect the case of the key being described. This applies to hard keys, onscreen buttons or soft keys.

Displayed messages appear in ***bold italic*** type and reflect the case of the displayed message.

Screen labels and labels within screens appear in *italic* type and reflect the case of the displayed label.

1.1.2 Special messages

Examples of special messages you will see in this manual are defined below. The signal words have specific meanings to alert you to additional information or the relative level of hazard.



NOTE: This is a Note symbol. Notes give additional and important information, hints and tips that help you to use your product.

1.2 Customer Service Information

24 hours a day 7 days a week Customer Support

Avery Weigh-Tronix is dedicated to customer service. We understand downtime is not an option for AG producers and we're ready to help anytime. The technical support team for all Avery Weigh-Tronix agri-business scales is available 24 hours a day 7 days a week.

Ag Technical Support Group

USA and Canada Toll free Phone: (800) 458 - 7062

Outside USA: (507) 238-8261

Tech Support Phone 7:00 am to 5:00 pm CST (800) 458-7062 Ext. 8261

Tech Support Phone/ after hours answering 5:00 pm to 7:00 am CST (800) 458-7062

Service e-mail: usservice@awtxglobal.com

2 Introduction

2.1 Overview

This manual covers the installation and use of the Field Foreman PC software.

Field Foreman PC works with Field Foreman software on a Model 3060 indicator. Field Foreman is made up of three applications called:

- Harvest Data Management
- Seed Data Management
- Application Data Management

Field Foreman collects information during fertilizer application, planting and harvest. This information can then be moved to the Field Foreman PC software on your computer to store the information and to create comprehensive reports on your farm operation.

Field Foreman PC also allows you to setup the Field Foreman program by inputting all the data on your PC. You can then move this data to the Model 3060 and your Field Foreman's three applications will be ready to use. This saves entering the information on the Model 3060 from the front panel.

2.2 Installing the Field Foreman PC Software

Follow these steps to install the Field Foreman PC software package.

1. Place the software CD in your computer CD drive. The installation process should begin automatically.
2. Follow any on screen prompts.

3. Click on **Field Foreman PC** in your *Programs* menu...

The following startup screen is displayed:



Start the application you want by clicking on the icon. The names, from left to right, are:



Seed Data Management (this application not yet available)



Application Data Management (this application not yet available)



Harvest Data Management (see *Setting Up Harvest Data Management* on page 6)

The following chapters explain the setup and use of the applications.

3 Setting Up Harvest Data Management

3.1 Overview

When you click the Harvest Data icon, , on the startup screen, the screen in Figure 3.1 is displayed. Note that the example screen below already has data loaded, but in new installations there will be no data shown.

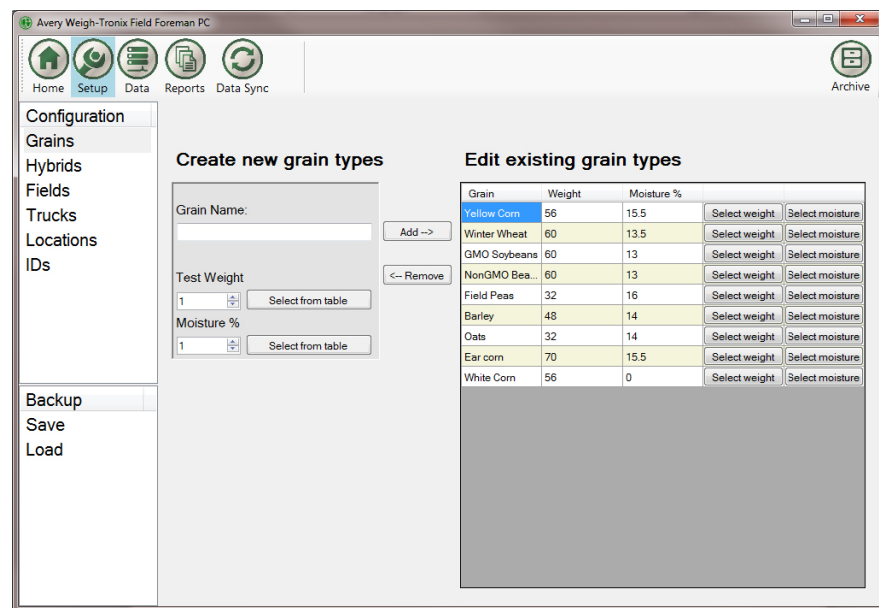


Figure 3.1 Harvest Data startup screen

This program within Field Foreman PC allows you to:

- Create the categories used by the Harvest Data Management application in your Model 3060 indicator
- Move the categories to your Model 3060
- Retrieve the collected data on harvesting from the Model 3060
- Create, store and print reports of the harvest season

3.2 Creating the Categories

3.2.1 Grains

The first item, shown on the left in Figure 3.1, is *Grains*. Use this to enter the names of the different grains on your farm.

Grain	Weight	Moisture %	Select weight	Select moisture
Yellow Corn	56	15.5	Select weight	Select moisture
Winter Wheat	60	13.5	Select weight	Select moisture
GMO Soybeans	60	13	Select weight	Select moisture
NonGMO Bea...	60	13	Select weight	Select moisture
Field Peas	32	16	Select weight	Select moisture
Barley	48	14	Select weight	Select moisture
Oats	32	14	Select weight	Select moisture
Ear corn	70	15.5	Select weight	Select moisture

Figure 3.2 Grains screen

1. Click in the *Grain Name* box, type the name of a grain.
2. Enter the grain weight or use the **Select from table** button to enter a weight. This default grain test weight will be used to calculate bushels.
3. Enter the grain moisture % or use the **Select from table** button to enter the moisture content.
4. When the items entered are correct, click the **Add** button...

The name will appear in the *Grain* list on the right.

5. Repeat this process until all the new grain types are entered.



*A name can be removed from the list by selecting it in the right hand box and clicking on the **Remove** button.*

3.2.2 Hybrids

The next item is *Hybrids*. Use this to enter the hybrid names you planted this season.

1. Click on *Hybrids* in the left hand column and you will see the screen shown in Figure 3.3.

Hybrid	Grain
Asgrow AG4232	GMO Soybeans
Croplan 4338SS	Yellow Corn
Croplan 4924VT3	Yellow Corn
Croplan CC3999	NonGMO Beans
Croplan R2C1669	GMO Soybeans
Dekalb DKC61-49	Yellow Corn
Generic	Yellow Corn
Pioneer 35F49AM	GMO Soybeans
Pioneer 36V51	Field Peas
Pioneer 91Y72	Yellow Corn
Pioneer 92Y53	GMO Soybeans
Pioneer P0461R	Yellow Corn
Pioneer P9807HR	Yellow Corn

Figure 3.3 *Hybrids* screen

2. Click in the *Hybrid Name* box, type the name of a hybrid.
3. Click the arrow under *Grain Type* and the list of grains you entered previously appears in a drop down list. Click on the type of grain for this hybrid.
4. Click the **Add** button...
The hybrid name and associated grain will appear in the box on the right.
5. Repeat this process until all the grain hybrids and types are entered.



A name can be removed from the list by selecting it in the right hand box and clicking on the **Remove** button.



It is suggested to enter a default "grain type" name (i.e. "Yellow Corn") for hybrid name if you do custom harvesting and only want to track by grain type and not by hybrid.

3.2.3 Fields

The next item is *Fields*. Use this to enter a field name, a description of the field, the grain planted in the field, the hybrid planted in the field and the number of acres planted to that hybrid.

1. Click on *Fields* in the left hand column and you will see the screen shown in Figure 3.4.

FieldName	Description	Grain	Hybrid	Acres
back 40	behind the other fields	Field Peas	Pioneer 36V51	40
Dad's 80	Brown Township	Yellow Corn	Pioneer P9807HR	80
F1	Special Field	Yellow Corn	Pioneer P9807HR	50
F1	Special Field	Yellow Corn	Generic	100
F1	3 Plots of Corn Hybrids	Yellow Corn	Pioneer P0461R	150
F2	1 Plot of Corn	Yellow Corn	Pioneer P0461R	200
F3	GHGHGHG	Yellow Corn	Generic	200
F3	GHGHGHG	GMO Soybeans	Asgrow AG4232	500

Figure 3.4 *Fields* screen

2. Click in the *Field Name* box, type the name of a field. This can be a simple name such as a number. Use any naming method that makes sense for your operation.
3. Click in the *Description* box and type a description for this field. This can be a legal description of the location or any other description which makes it clear to you which field it is.
4. Select the grain planted in this field from the *Grain* drop down list.
5. Select the hybrid planted in this field from the *Hybrid* drop down list.



Don't worry if you have multiple grains and hybrids planted in this field. You just enter the same field name and fill out the information for another plot within this field and when you press the Add button the following dialog box appears:

Say yes and the information is stored under the same field name as a separate plot.

6. Type in the number of acres planted in the *Acres* window.
7. Click the **Add** button...

The information will appear in the box on the bottom of the screen.

8. Repeat this process until all the fields and associated information is entered.



*A name can be removed from the list by selecting it in the right hand box and clicking on the **Remove** button.*

3.2.4 Trucks

The next item is *Trucks*. Use this to enter a name for the truck being used to deliver grain, a description of the truck, the empty tare weight of the truck and the maximum gross weight of the truck. The load from the grain cart will be delivered to this truck.

1. Click on *Trucks* in the left hand column and you will see the screen shown in Figure 3.5.

Truck Name	Description	MaxWeight	EmptyWeight
Red Peterbilt 379	Red Pete 379 with sleeper	79800	26320
Maroon '97 Volvo	Maroon Volvo w/sleeper	79800	26530
Blue Peterbilt 379	Blue Pete 379 daycab	79800	23500
Kenworth	Red Kenworth Daycab	79800	25450
Green Jimmy	'61 GMC tandem w box	48000	21850

Figure 3.5 Trucks screen

2. Click in the *Truck Name* box and type the name of a truck. This can be a simple name such as a number or name. Use any naming method that makes sense to you.
3. Click in the *Description* box and type a description for this truck.
4. Type in the empty tare weight of the truck.
5. Type in the maximum gross weight of the truck.
6. Click the **Add** button...

The information will appear in the box on the bottom of the screen.

7. Repeat this process until all the trucks and associated information is entered.



*A name can be removed from the list by selecting it in the right hand box and clicking on the **Remove** button.*

3.2.5 Locations

The next item is *Locations*. Use this to enter the name of the location where grain is delivered and a description of the location.

1. Click on *Locations* in the left hand column and you will see the screen shown in Figure 3.6.

LocationID	Description
Home Place B1	East Behlen
Home Place B2	East Behlen
Home Place B3	Butler Bin

Figure 3.6 Locations screen

2. Click in the *Location Name* box and type the name of the location.
3. Click in the *Description* box and type a description for this location.
4. Click the **Add** button...

The information will appear in the box on the bottom of the screen.

5. Repeat this process until all the locations where your grain is delivered are entered.



*A name can be removed from the list by selecting it in the right hand box and clicking on the **Remove** button.*

3.2.6 IDs

The last item is *IDs*. The ID field was designed to be customized for your operation needs.

Examples include entering all individual combines so you can compare performance each day and make adjustments if one is performing worse than the others. You can also use this field to document different tillage or agronomy practices for a test plot i.e. fungicide treatment etc. Follow these steps to enter the identification names (ID).

Click on *IDs* in the left hand column and you will see the screen shown in Figure 3.7.

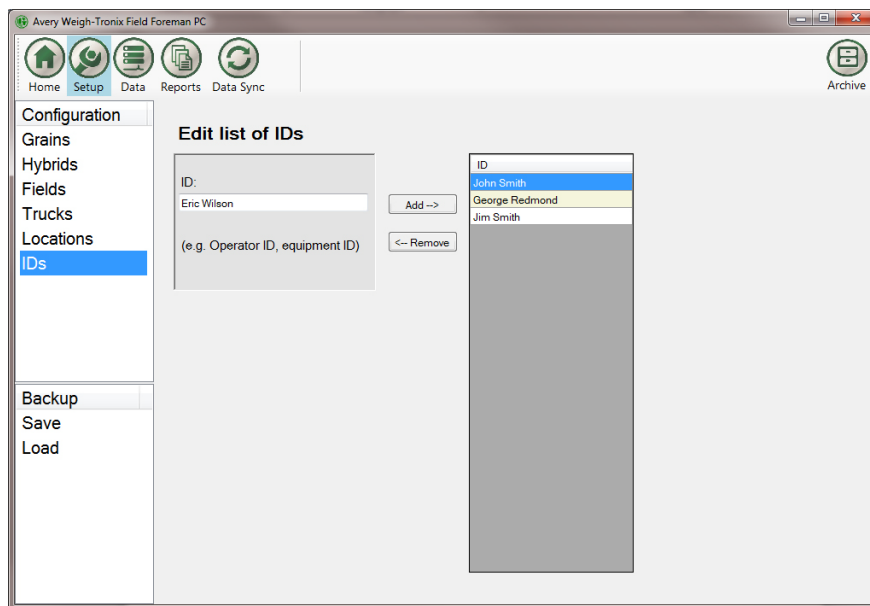


Figure 3.7 IDs screen

1. Click in the *ID* box and type the desired identification (ID) name.
2. Click the **Add** button...

The information will appear in the box on the right of the screen.

3. Repeat this process until all names are entered.



*A name can be removed from the list by selecting it in the right hand box and clicking on the **Remove** button.*

4 Data Sync Icon

The Data Sync icon on the Field Foreman PC screen, shown in Figure 4.1, allows you to download setup data to the Model 3060 and to upload all collected data (transaction file) to your PC. You can move files back and forth between the PC and Model 3060 using the USB thumb drive that came with the Field Foreman PC program. Insert the thumb drive into an available USB port to perform the data sync procedures.

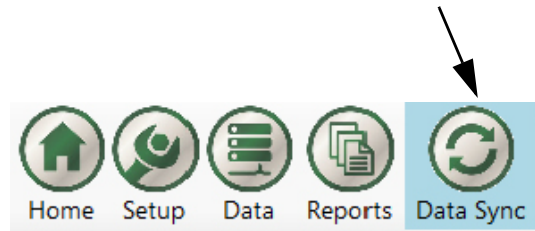
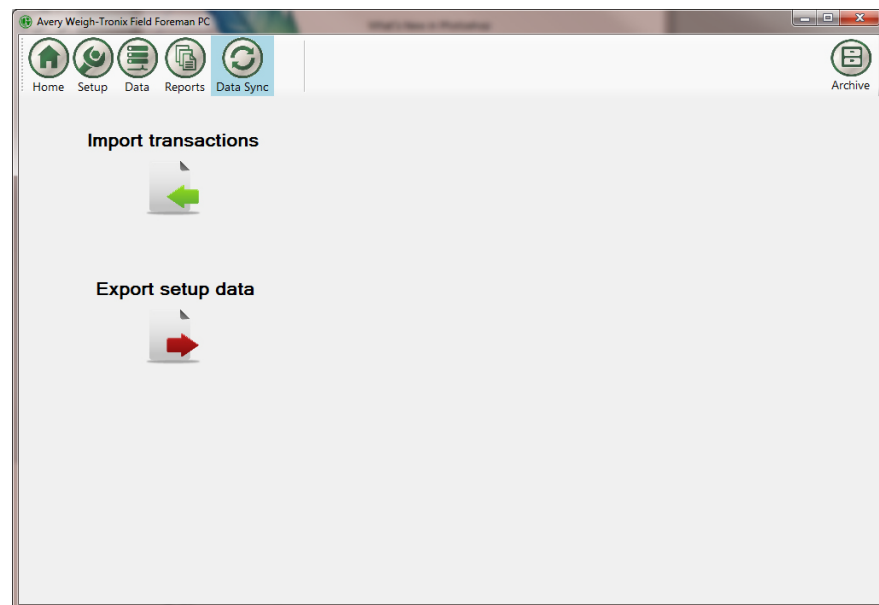


Figure 4.1 Data Sync button

1. Click on the **Data Sync** icon...

The screen shown below is displayed:

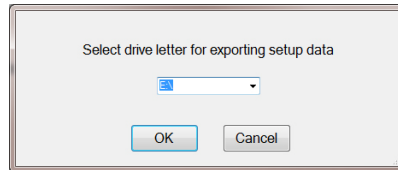


This screen offers a choice between importing data from the Model 3060 or export setup data to the Model 3060.

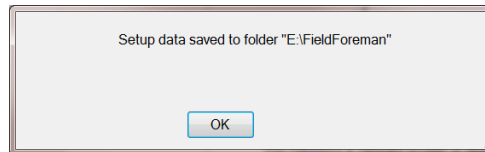
4.1 Export Setup Data

Use this to export the setup data for the Field Foreman application in your Model 3060 indicator.

1. Insert a USB thumb drive into computer USB port.
2. Click the  button.
3. A prompt screen will appear. Select the drive of the USB thumb drive and click **OK**.



4. If information was saved within the Field Foreman PC software it will be loaded onto the USB drive. The following prompt will appear. Click **OK**.

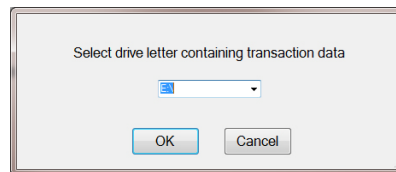


5. Import the data to the Model 3060 by plugging the USB thumb drive into the USB port of the indicator. Follow the steps in the *Field Foreman User Instructions* manual (PN AWT 35-500619) under the *Field Foreman PC Import* section to import the data from the thumb drive.

4.2 Import Transactions

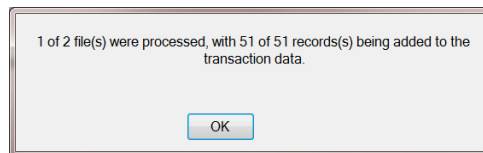
Use this to import data transactions from the Model 3060. Refer to the *Field Foreman User Instructions manual* (PN AWT 35-500619) under the *Field Foreman PC export section* to save transactions to the USB thumb drive.

1. With data loaded from the Model 3060, insert a USB thumb drive into the computer USB port.
2. Click the  button.
- 2a. If this is the first import a screen prompt will appear. Select the drive letter of the USB thumb drive and click **OK**.



otherwise,

- 2b. If your system has imported or exported data before, the Field Foreman PC program will automatically look for information to import from a USB thumb drive plugged into your PC. It will look in the same drive as the last syncing and import that data. A prompt screen will be displayed with the number of files that will be imported. Click the **OK** button to import the files.



3. The data will be imported from the USB thumb drive and stored in the Field Foreman PC program. The imported data will be accessible from the  icon.

5 Data Icon

To see the data from the transaction file which has been imported to your PC from the Model 3060, press the **Data** button shown below.



An example of the screen is shown in Figure 5.1.

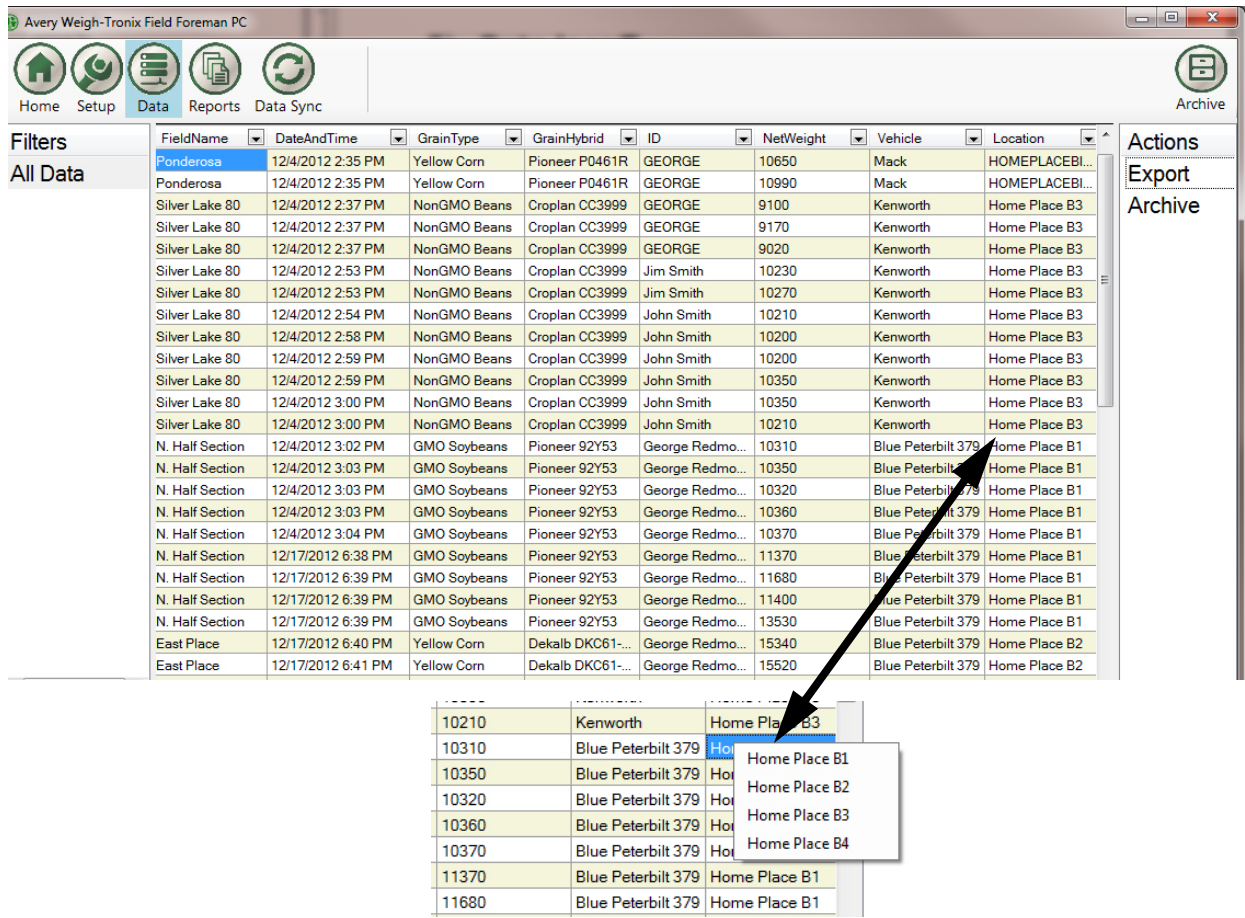


Figure 5.1 Data screen with examples

Entries can be edited in the *Location* column by right clicking on the cell you want to change and a popup list of other locations appears. Click on the one you want. It will appear in the cell.

5.1 Filtering

Each column of information can be filtered to show more specific information. As an example, if you click the down arrow next to the *FieldName* column you will see a drop down list of all the fields you have entered. See the example below.

FieldName	DateAndTime
☒ (All)	12/4/2012 2:35 PM
☐ FIELD 1	12/4/2012 2:35 PM
☐ N. Half Section	12/4/2012 2:37 PM
☐ Ponderosa	12/4/2012 2:37 PM
☐ Silver Lake 80	12/4/2012 2:37 PM
Silver Lake 80	12/4/2012 2:37 PM

As you can see in the example, the *All* box is checked which means all of the Fields will be shown in the column. If you wanted to see just the information for FIELD 1, click the box to the left of *FIELD 1* and the other fields disappear from the column. This can be done for each column until the information is exactly how you want it displayed.



The database uses typical Windows® controls. For example you can click on a column header to change the sorting from ascending to descending and vice versa. See Windows® documentation for further instructions.

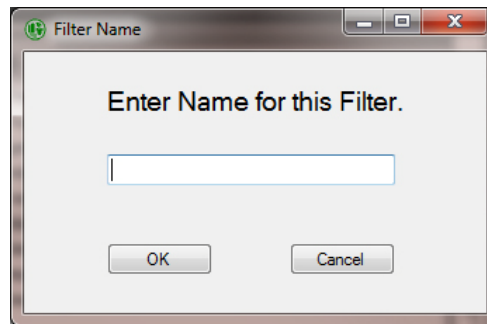
5.1.1 Fitering by Date

Use the *DateAndTime* column for a specific date range or a crop year. Click on the calendar icon to the right of the date to be changed. Use the scroll arrows to choose a month. Click on the desired date within the month.

ame	DateAndTime	GrainType
osa	☒ All ☐ Selected	Yellow Corn
osa	Start Date:	Yellow Corn
osa	Jan 25 2012	Yellow Corn
ake 80	End Date:	NonGMO Be
ake 80	Jan 25 2013	NonGMO Be
ake 80	12/4/2012 2:37 PM	NonGMO Be

5.1.2 Save a Filtering Choice

To save a set of filtering choices, press the **Save Filter** button at the lower left corner of the screen and the following dialog box is displayed:



Type in a name for the filter and click **OK**. That name will appear under *Filters* in the left column of the screen. Next time you want to filter the information in the same way, click the filter name in the left column and it will instantly filter the data accordingly.

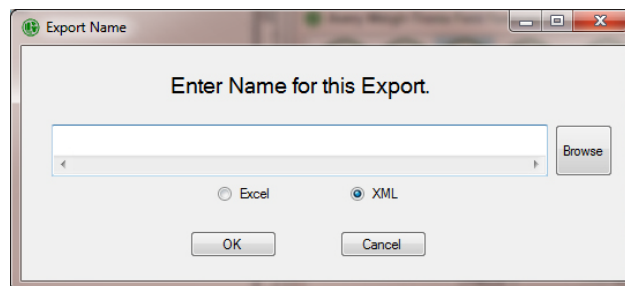
5.2 Exporting Data



Exporting data to an Excel file works only if Microsoft Office 2007 or newer is installed on the PC running Field Foreman PC.

You can export the raw data, filtered or not, by clicking on **Export Data** in the *Actions* column on the right side of the screen. The exported text is raw text with no formatting. The data will be saved and will remain on the display.

The following screen is displayed:



Follow these steps to export the file:

1. Type in a name for the export file.
2. Click the round button next to *Excel* for an Excel[®] spreadsheet file or XML for an XML file.
3. If you want to specify a location for the file click on the **Browse** button. The browse window will be displayed. Choose the location of the folder where you want the file saved, type in a file name and click the **Save** button.

The file name and path appear in the dialog box.

4. Click **OK** to save the file.

5.3 Archive Data

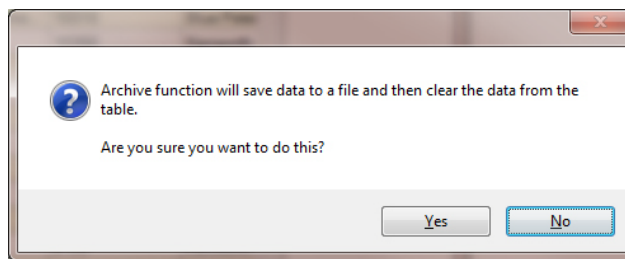
You can archive the raw data, filtered or not, by clicking on **Archive** in the *Actions* column on the right side of the screen. The data can be viewed and sorted the same way as current data.



The date and time parameters can be used to sort and view a crop year. Once the dates are correct that Filter can be saved.

The data will be saved and available to access later. The transactions will be deleted from the display after they are saved.

The following screen is displayed:



Follow these steps to archive the file:

1. Click the **Yes** button to continue.
2. An Explorer window will be displayed. Choose the location of the folder where you want the file saved, type in a file name and click the **Save** button.

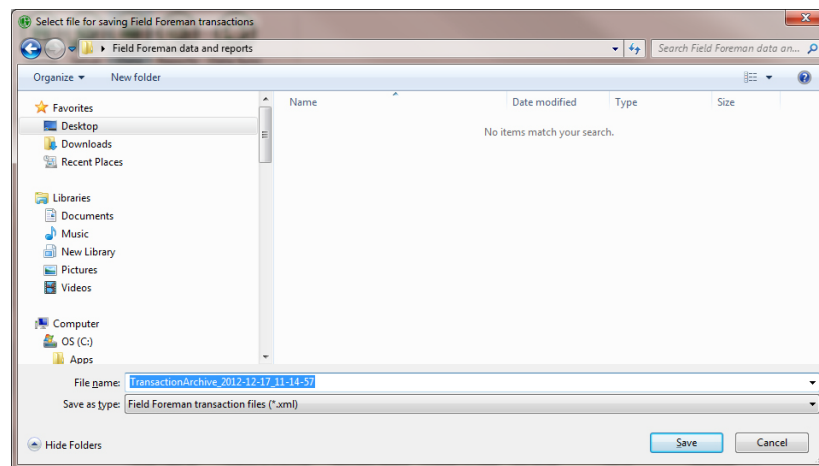
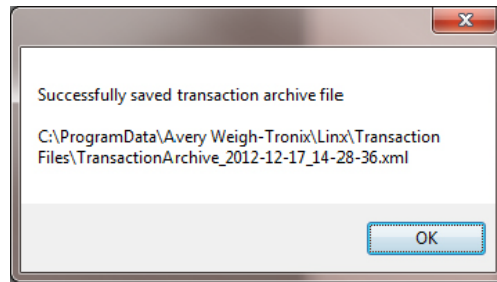


Figure 5.2 Example of Explorer Window

3. When the file has been saved a message screen will be displayed. Click **OK** to save the file.



6 Reports Icon

Reports are powerful tools for determining how well your farm plan worked and what changes you might want to make in the coming season. Field Foreman PC makes report generation very simple.

The reports generated in this section are based off the filtering done in the *Data Icon* chapter. Only the information that results from your filtering will be available for the reports.

To create, print or save reports, click the **Reports** icon, shown below.



The screen shown in Figure 6.1 is displayed.

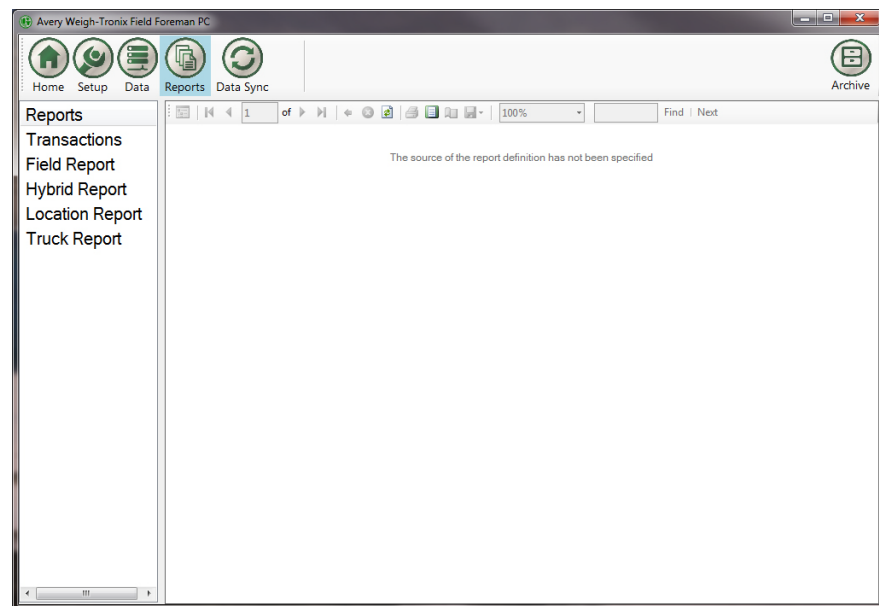
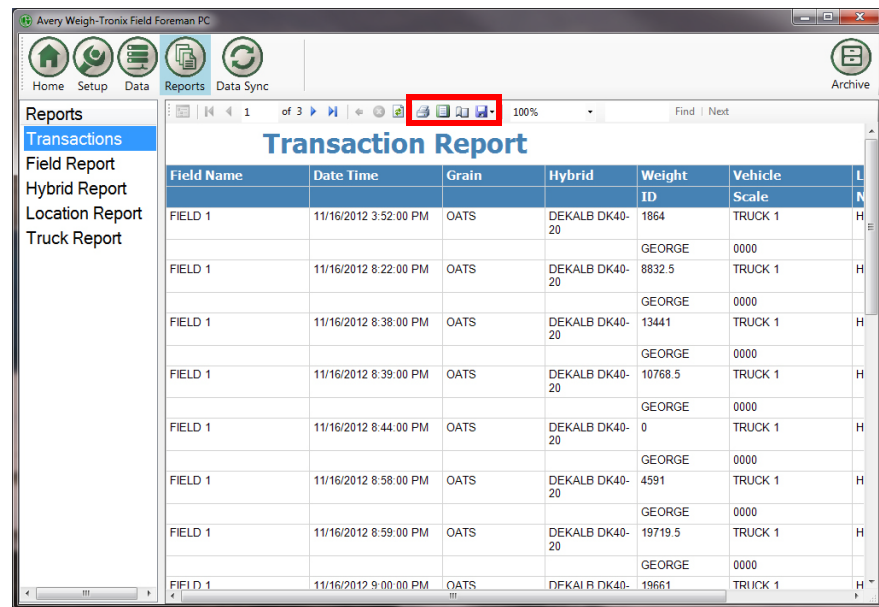


Figure 6.1 Blank Reports screen

Choose a report from the list in the left side column. For example, if you click on *Transactions*, here is an example report you might see:



Field Name	Date Time	Grain	Hybrid	Weight	Vehicle
FIELD 1	11/16/2012 3:52:00 PM	OATS	DEKALB DK40-20	1864	TRUCK 1
FIELD 1	11/16/2012 8:22:00 PM	OATS	DEKALB DK40-20	GEORGE 8832.5	TRUCK 1
FIELD 1	11/16/2012 8:38:00 PM	OATS	DEKALB DK40-20	GEORGE 13441	TRUCK 1
FIELD 1	11/16/2012 8:39:00 PM	OATS	DEKALB DK40-20	GEORGE 10768.5	TRUCK 1
FIELD 1	11/16/2012 8:44:00 PM	OATS	DEKALB DK40-20	GEORGE 0	TRUCK 1
FIELD 1	11/16/2012 8:58:00 PM	OATS	DEKALB DK40-20	GEORGE 4591	TRUCK 1
FIELD 1	11/16/2012 8:59:00 PM	OATS	DEKALB DK40-20	GEORGE 19719.5	TRUCK 1
FIELD 1	11/16/2012 9:00:00 PM	OATS	DEKALB DK40-20	GEORGE 19661	TRUCK 1

In this screen use the controls at the top of the report page to print the report or change the print layout, the page setup or export the file as an Excel file or Adobe® PDF.

7 Archive Icon

Click on the Archive icon located on the far right of the top toolbar to retrieve, export, save and clear archived data and reports.



The screen shown in Figure 7.1 is displayed.

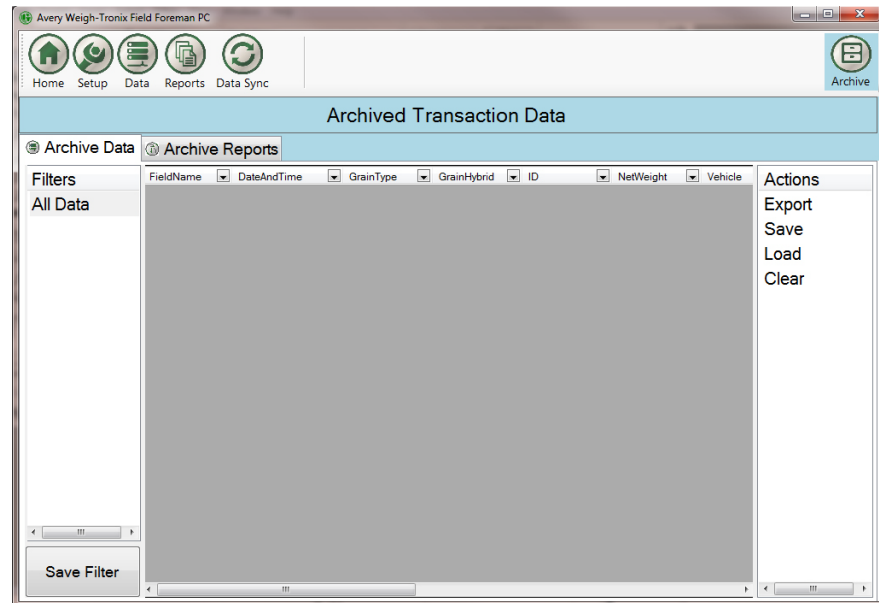


Figure 7.1 Blank Archive screen

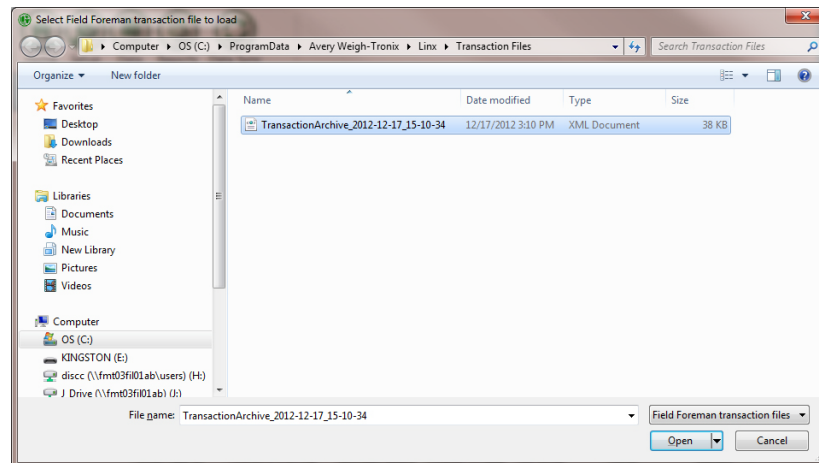
7.1 Archive Data Tab

This provides access to archived transaction data. First the archived data needs to be loaded from an existing file. Once a file is opened it can be filtered, saved or exported.

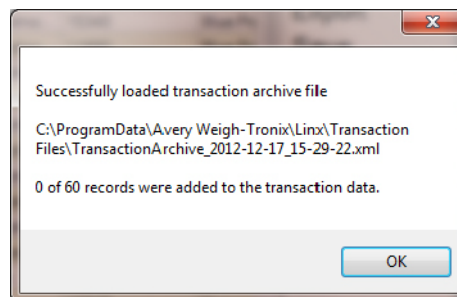
7.1.1 Load Archived Data

Load the archived data into the fields.

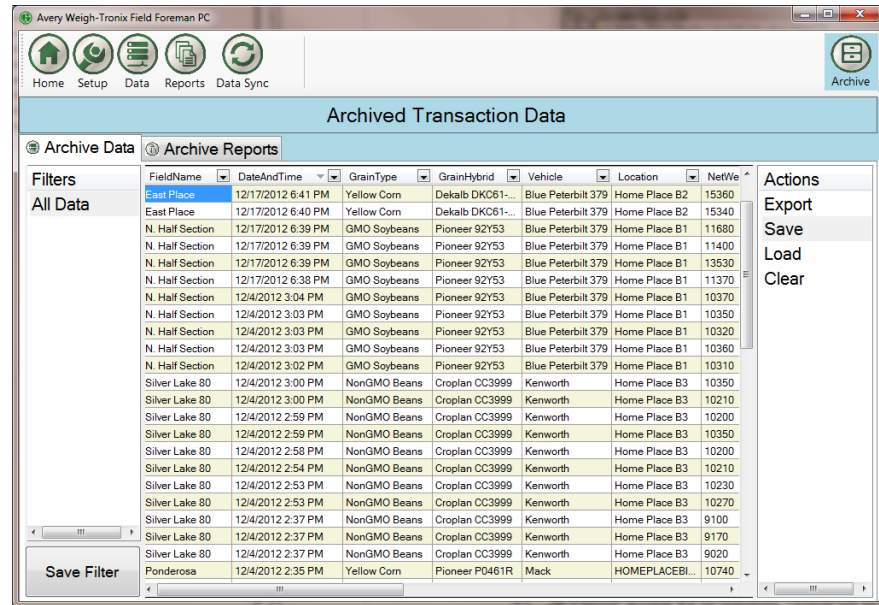
1. Click **Load** on the right side of the window.
2. An Explorer window will be displayed. Choose the file to be opened and click the **Open** button.



3. The file will load and the following screen will be displayed. Click **OK**.



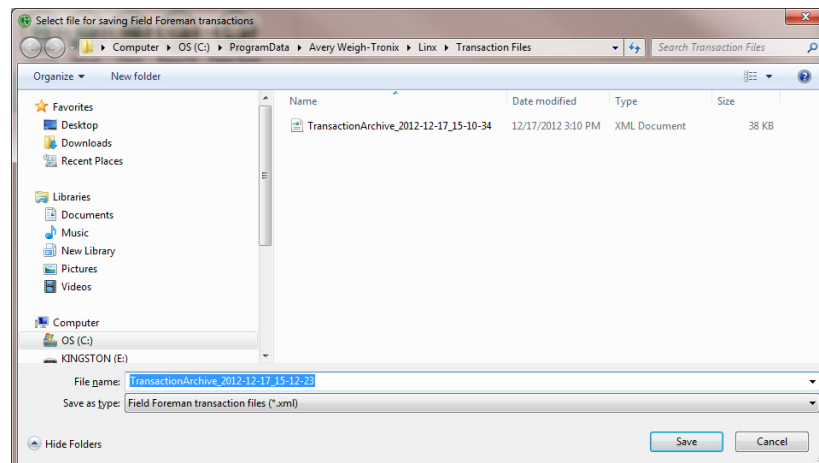
- The previously archived data will be displayed.



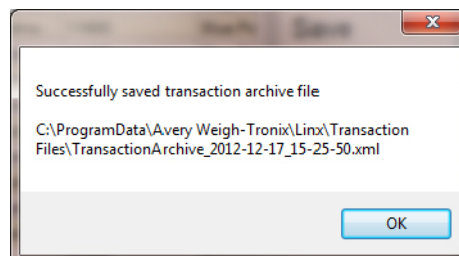
7.1.2 Save Data

After changes have been made to the data the file can be saved.

- Click **Save** on the right side of the window.
- An Explorer window will be displayed. Choose the location for the file to be saved to and click the **Save** button.



- When the file is saved the following message will be displayed. Click **OK**.

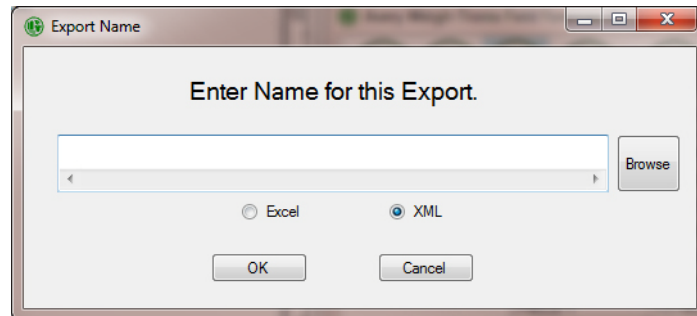


7.1.3 Export Data



Exporting data to an Excel file works only if Microsoft Office 2007 or newer is installed on the PC running Field Foreman PC.

You can export the raw data, filtered or not, by clicking on **Export Data** in the *Actions* column on the right side of the screen. The exported text is raw text with no formatting. The following screen is displayed:



Follow these steps to export the file:

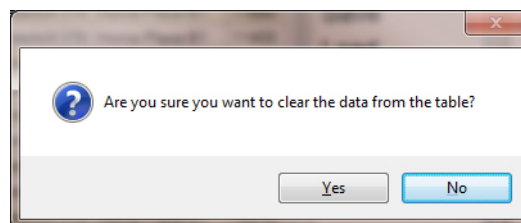
1. Type in a name for the export file.
2. Click the radio button next to *Excel* for an Excel® spreadsheet file or XML for an XML file.
3. If you want to specify a location for the file click on the **Browse** button. The browse window will be displayed. Choose the location of the folder where you want the file saved, type in a file name and click the **Save** button.

The file name and path appear in the dialog box.

4. Click **OK** to save the file.

7.1.4 Clear Data from the Screen

1. Clear the Archived Transaction Data screen by clicking on **Clear**.
2. The following message is displayed.



3. Click the **Yes** button and all data displayed is cleared. Press **No** to exit without clearing the data.

7.2 Archive Reports Tab

View reports from previously archived transactions. First the archived data needs to be loaded from an existing file. Refer to *Load Archived Data* on [page 24](#).

A screen similar to the one below will be displayed:

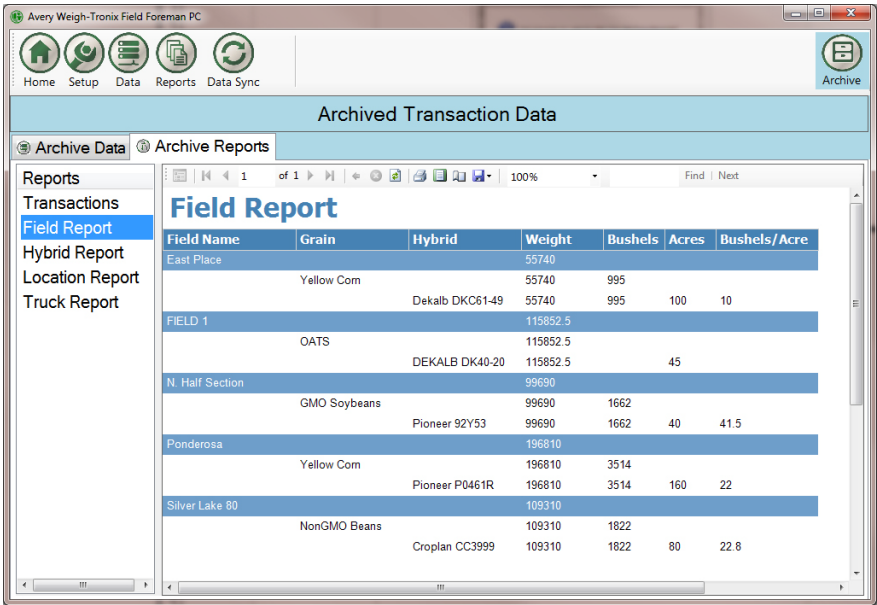


Figure 7.2 Archive Report

Choose a report from the list in the left side column.

From the *Report* screen use the controls at the top of the report page to print the report or change the print layout, the page setup or export the file as an Excel file or Adobe® PDF.



To access manuals on
the Ag website

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