



Printer
Solutions

NUTRITION SYSTEM ADMINISTRATOR'S GUIDE

Avery Dennison®
FreshMarx®
EasyEdit+

TCEASYEDITPNSA Rev. AE 10/18
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TABLE OF CONTENTS

GETTING STARTED	1-1
Audience	1-1
System Requirements	1-1
File Specifications	1-2
Video Specifications	1-2
Document Specifications.....	1-2
Installing the EasyEdit+ Utility	1-3
Selecting a Language	1-3
EASYEDIT+ FEATURES	2-1
About Assigning Formats	2-1
About Freshness Labeling	2-1
About Button Modes	2-2
Timer Button Mode	2-2
Video Button Mode	2-2
Document Button Mode.....	2-2
Label & Video Button Mode	2-2
Label & Document Button Mode.....	2-2
Label & Timer Button Mode	2-3
Button Mode Icons	2-3
Formatting Text	2-3
Formatting Category Colors.....	2-4
Custom Category Colors	2-4
Search Product Buttons	2-5
Using the Microsoft® Excel® Template.....	2-6
Importing Data from the Template	2-7
CREATING/EDITING A DATA FILE	3-1
Starting the EasyEdit+ Utility.....	3-1
Opening a Data File	3-1
Specifying the Printer's Type.....	3-2
Enabling Alternate Button Names.....	3-2
Entering a Store Address	3-2
Creating Category Buttons	3-3
Creating Product Buttons	3-5
Label Preview	3-6
Timer Button Mode	3-7
Video Button Mode	3-7
Document Button Mode.....	3-7
Label & Video Button Mode	3-8
Label & Document Button Mode.....	3-8
Label & Timer Button Mode	3-8
Selecting Videos	3-9
Saving the Data File	3-10

- SORTING THE DATA FILE 4-1**
 - Locking Button Location 4-1
 - Sorting Current Tab 4-2
 - Sorting Current Category 4-3
 - Sorting All Categories 4-4
 - Alphabetizing Your Data 4-4
 - Deleting, Cutting, Copying, & Inserting Product Buttons 4-5
- USING NETWORK MANAGER 5-1**
 - Working With an SFTP Server 5-1
 - Updating Printers & Files 5-2
 - Updating the 9417+ Printer 5-2
 - Getting Files from the 9417+ Printer 5-2
 - Managing Printers 5-3
 - Adding a Printer 5-3
 - Removing a Printer 5-3
 - Changing a Printer IP 5-3
 - Managing Printer Groups 5-4
 - Creating a Group 5-4
 - Editing a Group 5-4
 - Deleting a Group 5-4
 - Changing the Network Manager Password 5-5
- 9417+ CONFIGURATION FILE 6-1**
 - Opening a Configuration File 6-1
 - Printer Settings 6-1
 - LAN Settings 6-2
 - WiFi Settings 6-2
 - Network Settings 6-3
 - SFTP Server User Settings 6-3
- STANDARD LABEL FORMATS A-1**
 - Format 1 A-1
 - Format 2 A-1
 - Format 3 A-2
 - Format 4 A-2
 - Format 5 A-3
 - Format 6 A-3
 - Format 7 A-4
 - Format 8 A-5
 - Format 10 A-6
 - Format 11 A-6
 - Format 12 A-7
 - Format 20 A-7
 - Format 21 A-8
 - Format 22 A-9
 - Format 23 A-10

Format 30	A-11
Format 31	A-12
Format 32	A-13
Format 40	A-14
Format 41	A-15
Format 42	A-16
Format 43	A-17
CUSTOM LABEL FORMATS	B-1
Adding a Custom Format	B-1
Deleting a Custom Format	B-2
Saving a Custom Format	B-2
CREATING/EDITING A DONATE AND WASTE DATA FILE	C-1
Donate and Waste Overview	C-1
Starting a New Donate and Waste File	C-2
Entering a Store Address	C-2
Creating Donate and Waste Category Buttons	C-3
About the "No Label" Option	C-3
Creating Donate and Waste Product Buttons	C-4
Sorting a Donate and Waste File	C-4
Setting up a Donate and Waste File	C-5
Entering the Waste Reasons	C-5
Entering the Departments	C-6
Entering the Food Types	C-7
Entering the Recipients	C-8
Sending a Donate and Waste Data File to the Printer	C-9
SFTP Push/Pull Updates	C-9
Getting Donate and Waste Log Files	C-10
Sample Waste Log	C-11
Using the Microsoft® Excel® Template with Donate and Waste Data	C-11
Importing Donate and Waste Data from the Template	C-12
Exporting Data to Excel	C-12
Donate Label Formats	C-13
Format 1	C-13
Format 2	C-13
Format 3	C-14
Format 4	C-15
Format 5	C-16
Format 6	C-17
Adding Custom Donate Formats	C-18
Developer Information for Custom Donate and Waste XML File	C-18

USING THE FRESHMARX NUTRITION APPLICATION.....	D-1
Nutrition Labeling Overview.....	D-1
Genesis R&D Tips	D-2
Adding an Alternate Name to an Existing Recipe	D-2
Changing the Ingredient or Allergens List to Upper-Case	D-3
Including Servings per Container.....	D-4
Creating a Recipe with Genesis R&D® Software	D-5
Changing the Regulation Setting	D-6
Changing the Regulation Setting for a Recipe	D-7
Using Nutritional Information from Genesis R&D Software in EasyEdit+	D-8
Specifying the Genesis R&D Location	D-8
For non-secured:.....	D-8
For secured:	D-9
Linking Nutritional Information to Product Buttons	D-10
What Happens When My Recipes Change?	D-11
EasyEdit+ Fields Imported from Genesis R&D Software	D-12

Use the Avery Dennison® Monarch® Freshmarx® EasyEdit+ Utility to create and edit product data files for the Avery Dennison® Monarch® 9417+ Printer. The Freshmarx application includes 22 standard label formats for food freshness dating, nutrition labeling, as well as grab-and-go labeling. See Appendix A, "[Standard Formats](#)" for more information on using the standard formats.

You may have a custom application that differs slightly from the examples in this manual. The screens and labels shown are for reference only.



This revision of the manual is for the FreshMarx application version 5.0 and higher; and the EasyEdit+ Utility version 5.0 and higher.

If you purchased the FreshMarx Donate & Waste application, see Appendix C, "[Creating/Editing a Donate and Waste Data File](#)" for more information.

If you purchased the FreshMarx Nutrition application, see Appendix D, "[Using the FreshMarx Nutrition Application](#)" for more information.

Use the EasyEdit+ Utility to upgrade your data file from the previous format (.DAT) to the current format (.FRESHMARX). Once your data file is in the .FRESHMARX format, it cannot be restored back to .DAT. FRESHMARX data files can only be used with Freshmarx Application version 3.0 or higher.

Audience

This manual is for the System Administrator who creates the data file for the 9417+ printer.

System Requirements

To install and use the Avery Dennison® Monarch® EasyEdit+ Utility, your PC must meet these requirements:

Supported Operating Systems: ♦ Windows XP ♦ Windows 7
 ♦ Windows Vista ♦ Windows 10

Processor: 1 GHz minimum recommended

Memory (RAM): 1 GB minimum recommended

Hard Disk Space: 1 GB minimum recommended

Note: Some combinations of computer hardware and versions of Windows® Operating Systems require you to run EasyEdit+ as an Administrator. Right click on the desktop icon and select Run As Administrator.

Installing the EasyEdit+ Utility

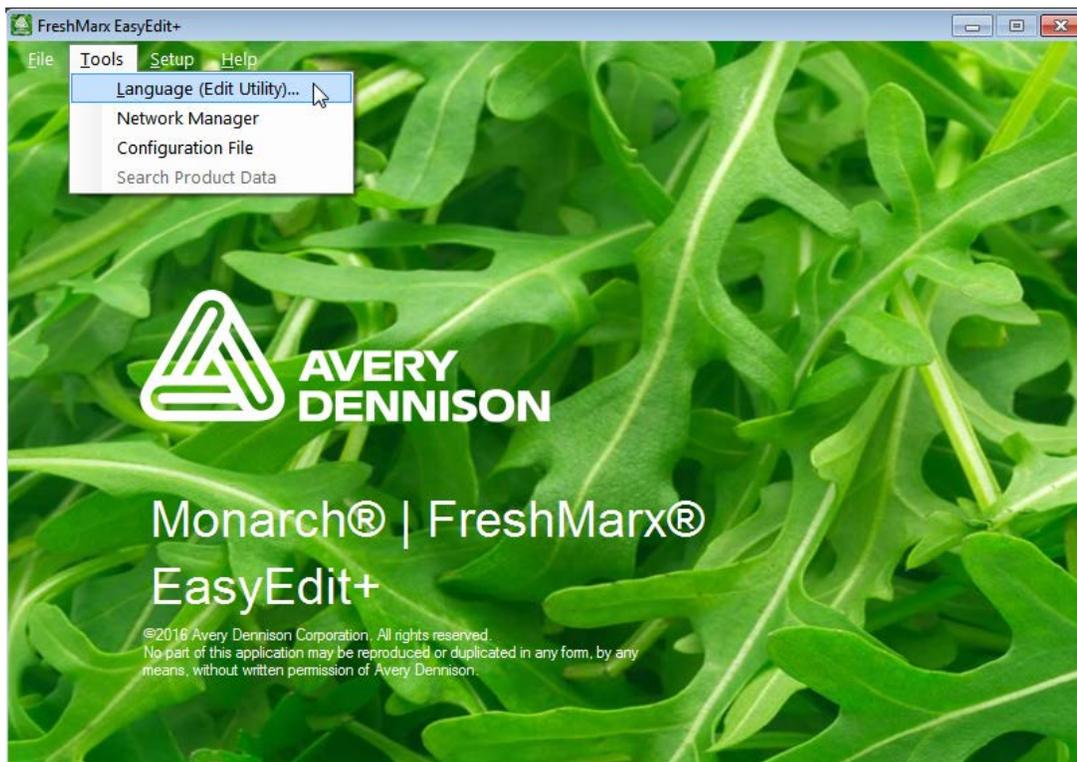
To install the EasyEdit+ Utility on your computer:

1. Download the EasyEdit+ Utility from our Web site (www.AveryDennison.com/Printers) to your computer.
2. Open the downloaded file and follow the on-screen instructions to complete the installation.
3. Once the EasyEdit+ Utility is installed, you can:
 - ◆ Upload a product data file from a printer to your computer, see “[Getting Files from the 9417+ Printer](#)” for more information.
 - ◆ Edit a product data file on your computer, see “[Creating/Editing a Data File](#)” for more information.
 - ◆ Update a product data file or the printer’s application, see “[Updating the 9417+ Printer](#)” for more information.

Selecting a Language

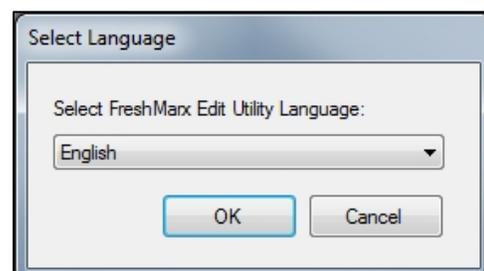
EasyEdit+ can display in various languages. To change the language:

1. Start the EasyEdit+ Utility.
2. Select **Tools, Language (Edit Utility)**.



3. Select your language from the drop-down list and click **OK**.

The menu items change into the selected language.



About Assigning Formats

The Freshmarx application includes 22 standard formats for food freshness dating, nutrition, and grab-and-go labeling. See Appendix A, “[Standard Label Formats](#)” for information on each format and a sample image. Formats are assigned when you create a category button. Freshmarx includes six categories to group your items. Only one format is assigned to a category.

Example categories are:

- ◆ Breakfast, Salad, Ingredients, etc.
- ◆ A - B, C – G, H – K, etc. (See “[Alphabetizing Your Data](#)”)
- ◆ Nutrition, Ingredient, Freshness, Grab-and-go, etc.
- ◆ Labels, Videos, Documents, Timers, etc. (See “[About Button Modes](#)”)

If you select a format larger than the loaded labels, some information may not print.

About Freshness Labeling

The Freshmarx date coding system calculates expiration dates/times based on each item’s entered Use By Duration. When you create a product button enter the Use By Duration, Freshmarx calculates an expiration to print on the labels. The default mode prints the date and time on the label. Freshmarx includes options to customize the printed expiration information, such as:

“End of Day” expiration mode Use for products that expire at the end of each day or in a set number of days. Only the date is printed, not the time. Enter Must Use By Duration values in days. The printer ignores anything entered in the hours and minutes fields. For example, 0 days expires today; 1 day expires tomorrow, etc.

<i>End of Day Expiration</i>	0 Day Expiration	1 Day Expiration	2 Day Expiration
Current Date: 09/01/16	End of Day 09/01/16	End of Day 09/02/16	End of Day 09/03/16

Print “End of Day” on Label. Enables or disables printing the words “End of Day” on the label when using “End of Day” expiration mode.

Custom Use By Description Default text is “MUST USE BY”. This can be modified to print a custom description, such as “BEST BEFORE”.

Date & Time of Print	Use By Duration	Default Expiration	End of Day Expiration Mode	Print End of Day	Custom Use By Description
09/01/16 10:21 AM	2 Day 1 Hour 15 Minutes	Sample Product 1 Description 2 Description 3 MUST USE BY 11:36 AM 09/02/16	Sample Product 2 Description 2 Description 3 MUST USE BY 09/02/16	Sample Product 2 Description 2 Description 3 MUST USE BY END OF DAY 09/02/16	Sample Product 2 Description 2 Description 3 BEST BEFORE 11:36 AM 09/02/16

Note: The sample labels above were created using Format 1.

About Button Modes

Product buttons can have different modes (functions). Button mode is set on the Button Properties screen when you create or edit a product button.

For more information, refer to the *9417+ System Administrator's Guide* and *9417+ Operator's Handbook* found on our Web site

The button modes are:

Timer Button Mode

Create a timer product button to initiate a timer on the printer. Use the Button Properties screen to set the timer duration.

Video Button Mode

Create a video product button to play a video on the printer. Use the Button Properties screen to link the button to the video.

See "[Appendix C](#)" for more information on videos.

Document Button Mode

Create a document product button to view a document on the printer. Use the Button Properties screen to link the button to the document.

See "[Appendix C](#)" for more information on videos.

Label & Video Button Mode

Label & video product buttons' primary function is to print labels. When the button is pressed, the label quantity screen opens. Press Play Video to play the video before printing labels. After the video plays, the print quantity screen is shown.

Label & Document Button Mode

Label & document product buttons' primary function is to print labels. When the button is pressed, the label quantity screen opens. Press View Document to view the document before printing labels. After the document is closed, the print quantity screen is shown.

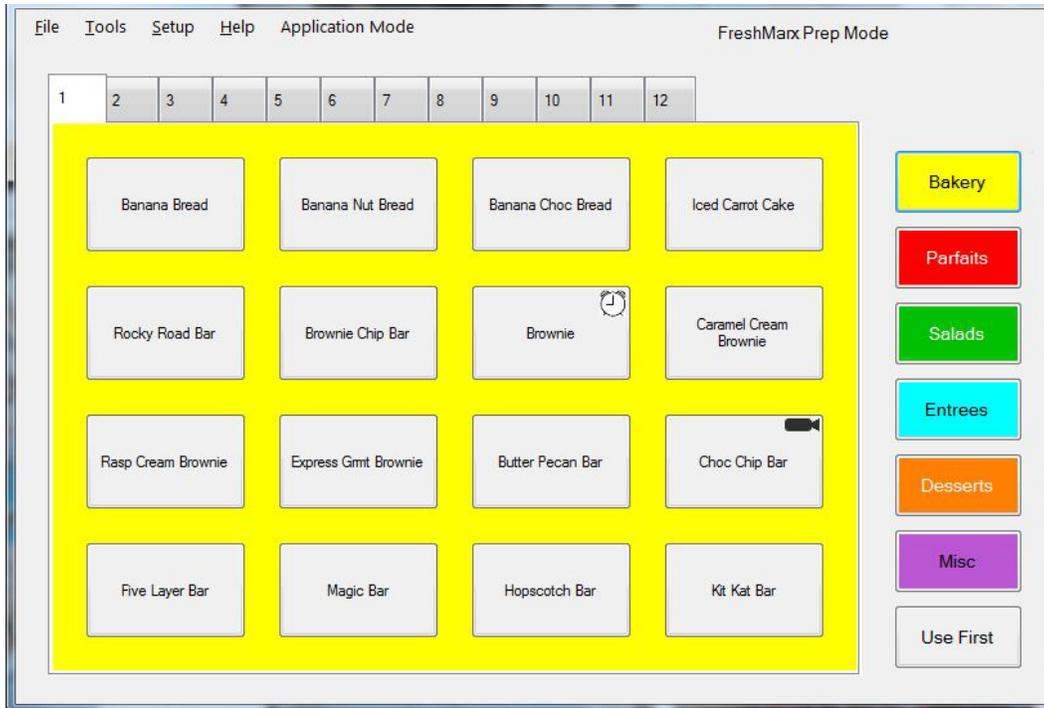
The image shows a screenshot of the "Button Properties" dialog box. The dialog has several sections: "Button Name" (text field), "Label Data" (text field with B, I, U buttons), "Description 1:", "Description 2:", and "Description 3:" (text fields). The "Use By" section includes "Use By Description:" (text field with "MUST USE BY"), "Days", "Hours", and "Minutes" (spinners), and a checkbox for "Use 'End of Day' expiration mode". The "Prep" section has a checked "Prep Description" (text field with "PREP") and "Prep Information:" (radio buttons for "Date & Time" and "Date"). A "Button Mode" dropdown menu is open, showing options: "Label", "Timer", "Label & Timer", "Video", "Label & Video", "Document", and "Label & Document". The "Label" option is selected. There are "Clear Fields" and "Cancel" buttons at the bottom.

Label & Timer Button Mode

Label & timer product buttons' primary function is to print labels. When the button is pressed, the label quantity screen opens. Enter the quantity of labels to print. When you press Enter, the labels print and the timer is started.

Button Mode Icons

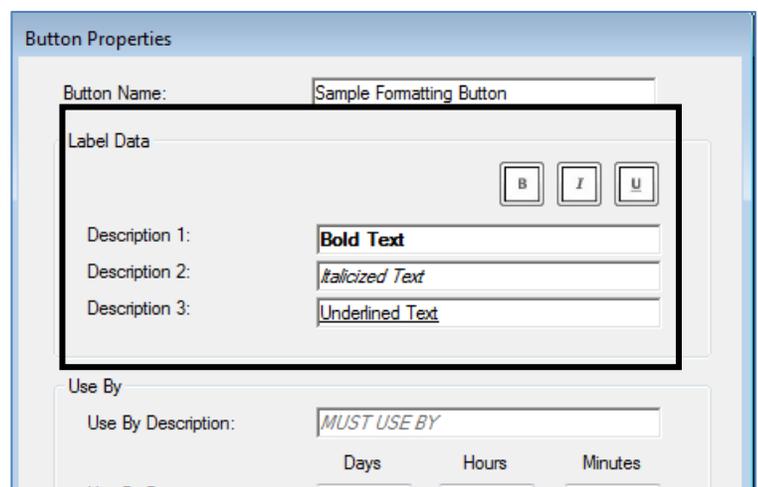
Once you create product buttons, the buttons appear as shown:



- ◆ Timer, video, and document buttons have icons in the top right corner of the button so users know the button's function.
- ◆ Label buttons are the default; they do not have an icon.
- ◆ Label & video and label & document buttons do not have an icon because the button's primary function is to print a label. As a secondary function the user can view a video or a document.

Formatting Text

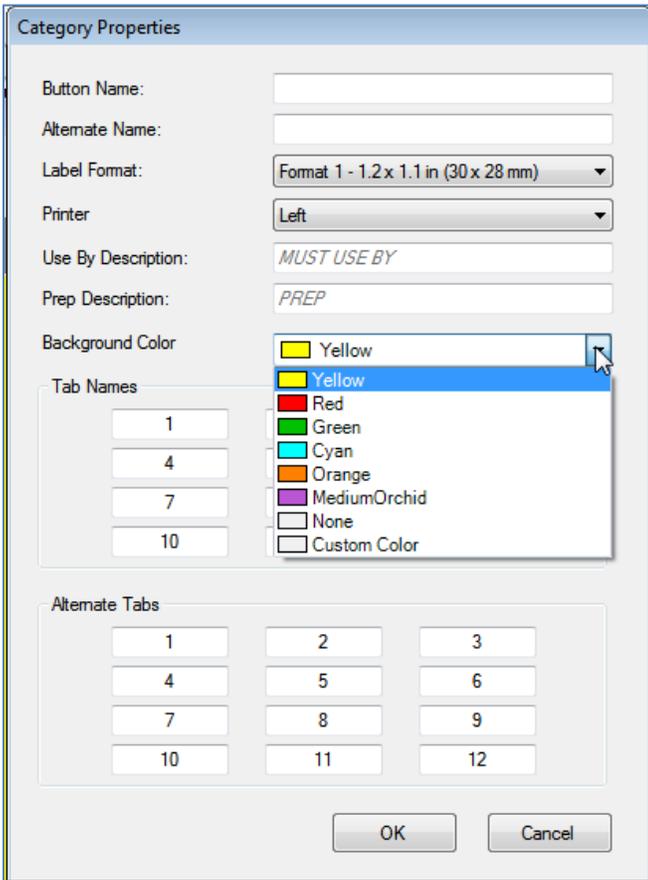
Some label data can be bold, italic, or underlined. To print the label data with these styles, apply them on the Button Properties screen. Enter the text, highlight it, then select the style you want to apply. You can apply more than one style to the text. For example, the text can be bold and italic.



Formatting Category Colors

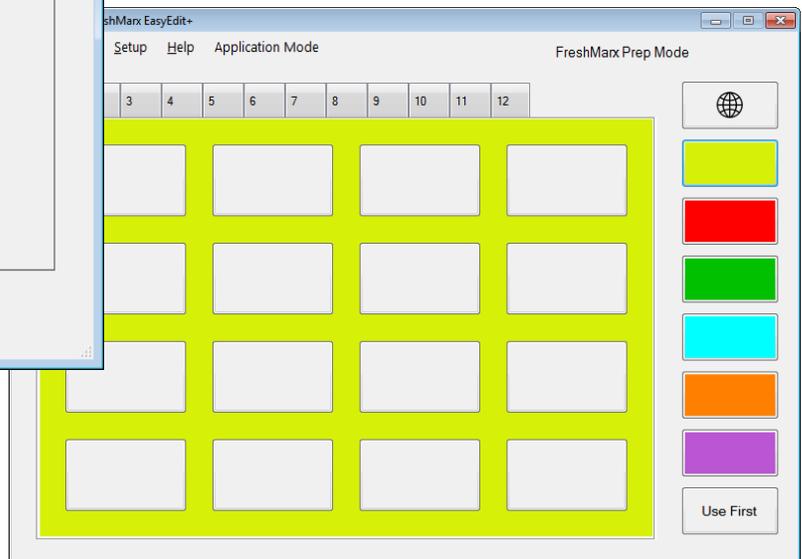
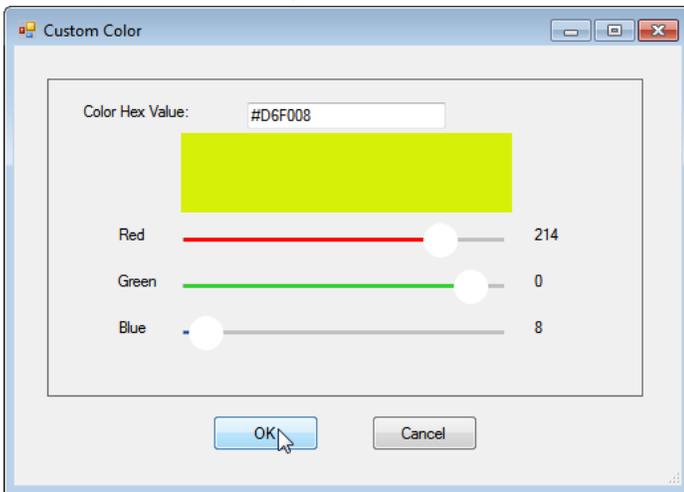
You can customize the category colors. Use the Category Properties screen to change the color of the Category Button background and the color behind the Product Buttons.

Note: Light colors may not display well on the printer.



Custom Category Colors

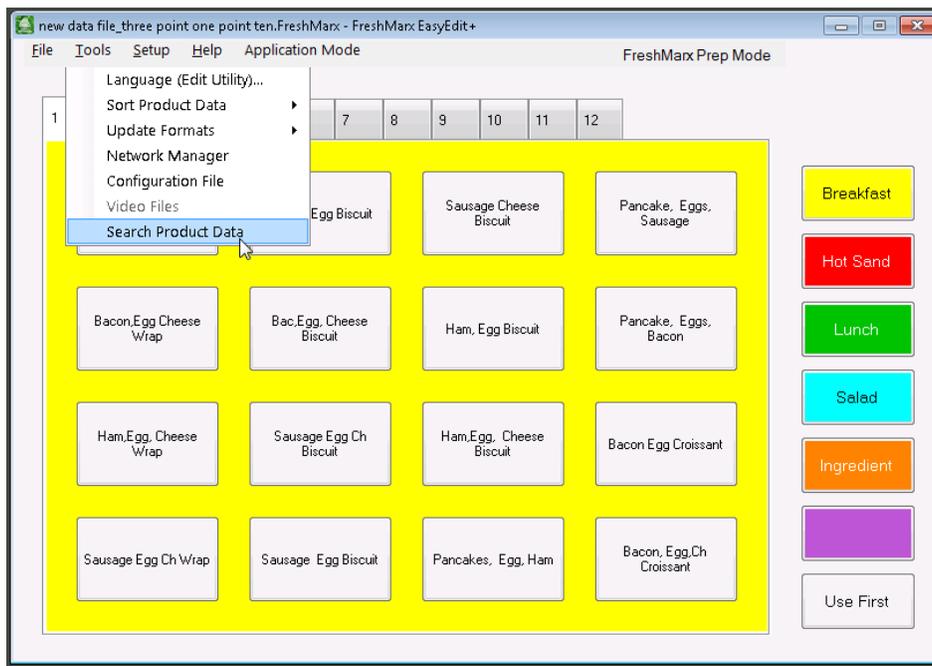
You can create a custom color. Enter the Hex value for the color you want or slide the Red, Green, and Blue adjustment bars.



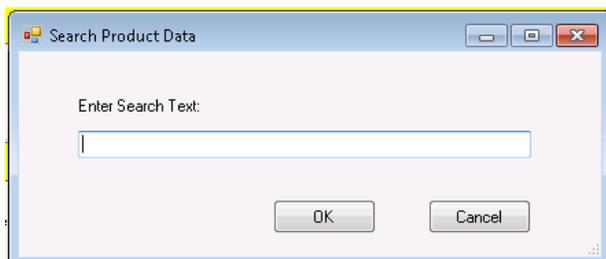
Search Product Buttons

You can search for Product Buttons in your data file.

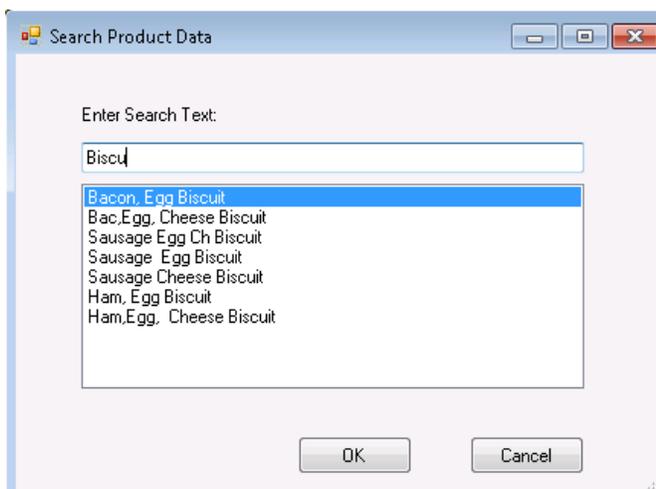
1. Select Tools, Search Product Data.



2. Enter the text you want to search. Click **OK**.



3. You see a list of results that match your entry. Select the product you want. Click **OK**.



4. You see the product button(s) for that item. Click the button you want to edit, the Button Properties screen opens. (The button's background color matches the category where it belongs.)

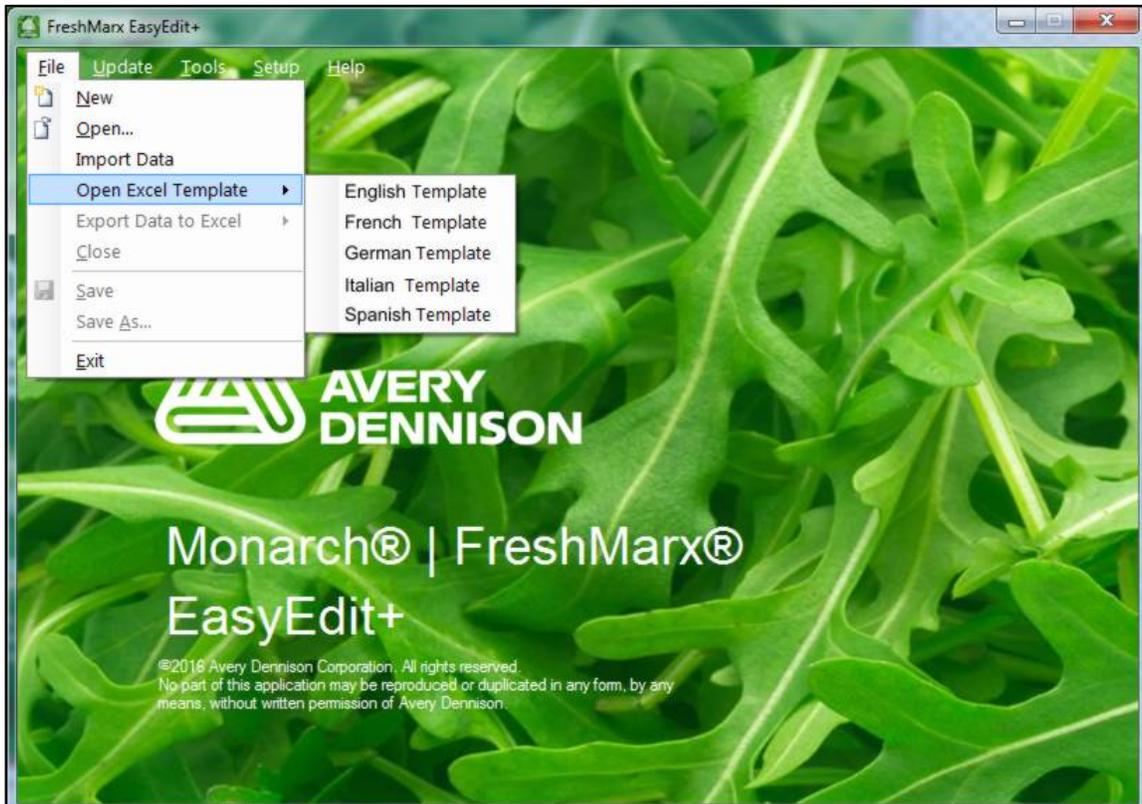
Using the Microsoft® Excel® Template

Your product data may be entered into Microsoft® Excel® (Microsoft® Office 2007 and Microsoft® Office Standard 2010 versions), then imported into EasyEdit+. The Excel template is installed within EasyEdit+.

Note: The Excel template version must match the installed version of EasyEdit+. If you update your version of EasyEdit+, open your FreshMarx data file then select Export Data To Excel to make product data changes in Excel.

To open the Template:

1. Open the EasyEdit+ utility.
2. Select **File, Open Excel Template▶**. Choose your language's template.

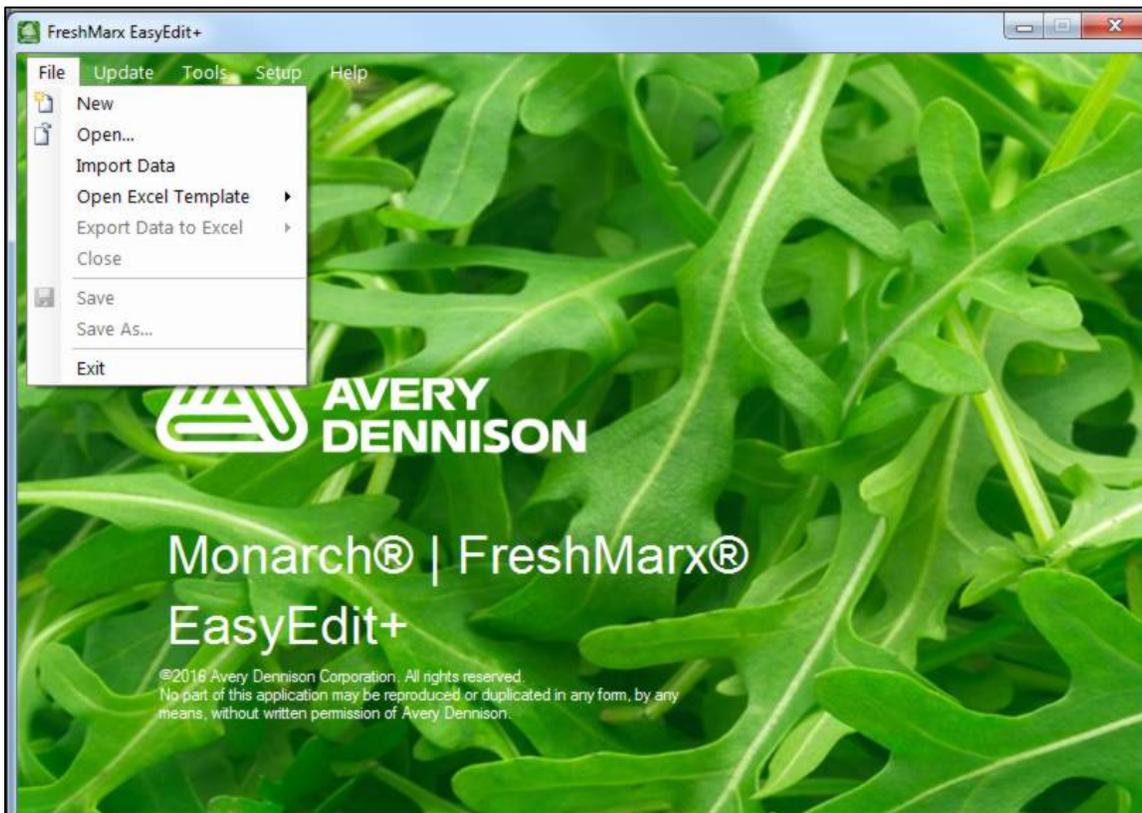


3. Navigate to the location you want to save the file. Click **Save**.
4. Excel opens the template.
5. Input your data according to the instructions within the template.
6. Save the completed template.

Importing Data from the Template

Once your product data is in the Microsoft® Excel® template, import it into the EasyEdit+ utility.

1. Open the EasyEdit+ utility.
2. Select **File, Import Data**.



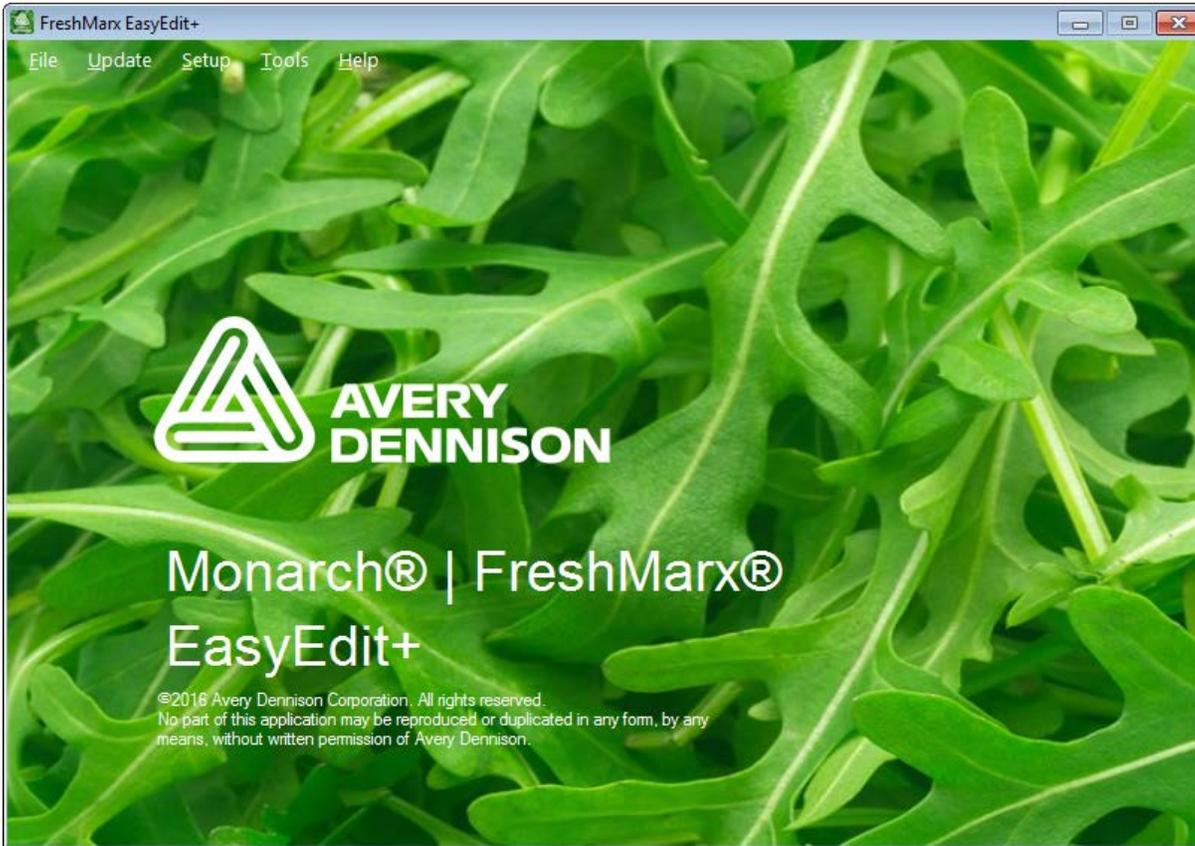
3. Browse to the completed template.
4. Select **Open**. The data is imported into EasyEdit+.

Starting the EasyEdit+ Utility



Once you install the Utility, you see a shortcut on your computer's desktop. Double click the icon to open the Utility.

You see the EasyEdit+ Main Screen.



Opening a Data File

To open a data file,

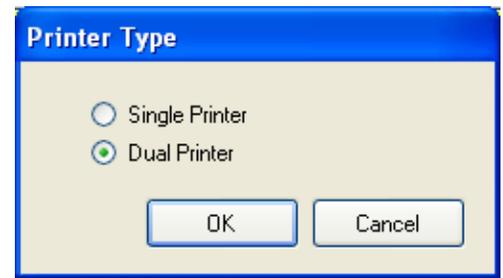
1. Start the EasyEdit+ Utility. The Main screen appears.
2. Click **File, New**. A blank data file appears. OR
Click **File, Open...** then navigate to the data file.

Note: You can open an existing .DAT in EasyEdit+ to convert it to the new .FRESHMARX format. **Once your data file is in the .FRESHMARX format, it cannot be restored back to .DAT.** .FRESHMARX data files can only be used with Freshmarx Application version 3.0 or higher.

Specifying the Printer's Type

The 9417+ printer is available as a single printer (left printer only) or dual printer (left and right printer). Specify the correct printer type so that features display properly in the EasyEdit+ Utility.

1. Start the EasyEdit+ Utility.
2. Click **Setup**, then **Printer Type....**
3. Select Single Printer or Dual Printer.
4. Click **OK**.



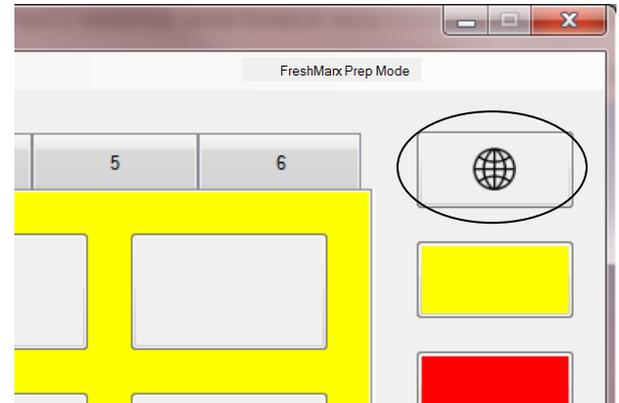
Enabling Alternate Button Names

The printer can display your product and category buttons in an alternate language. You must enter the alternate button names when designing/editing your data file.

1. Start the EasyEdit+ Utility.
2. Start a new data file or open an existing one.
3. Click **Setup**, then **Alternate Button Names**.

To disable Alternate Button Names repeat steps 1-3.

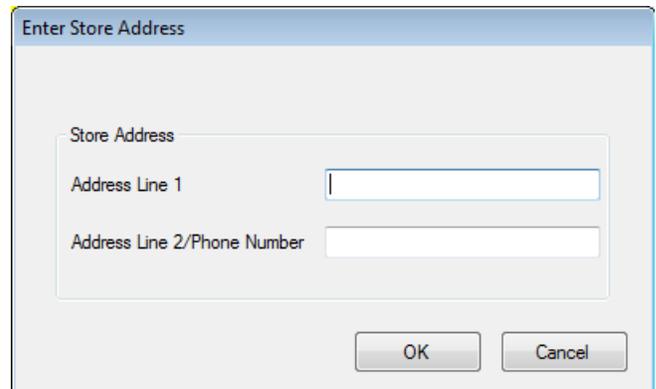
With Alternate Buttons Names enabled, you see the globe icon. After you enter alternate button names, you can press the globe button to toggle between languages.



Entering a Store Address

Enter a store address that prints on several standard label formats.

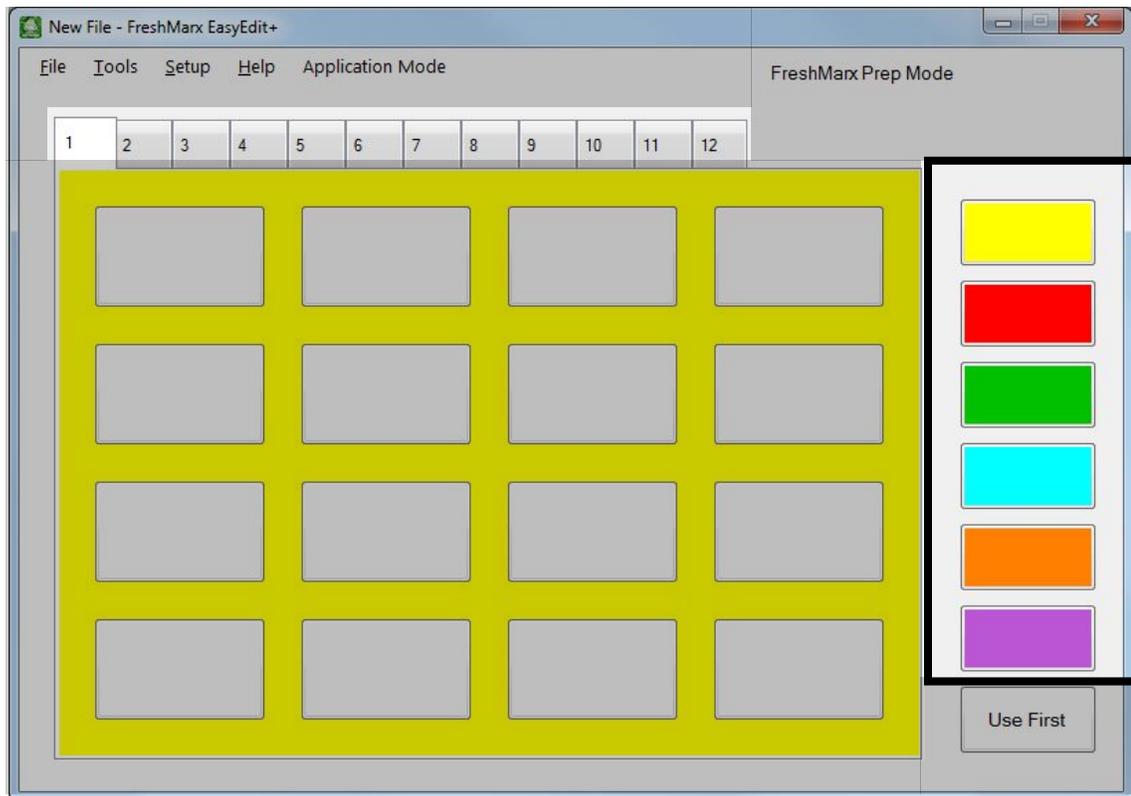
1. Start the EasyEdit+ Utility.
2. Start a new data file or open an existing one.
3. Click **Setup**, then **Enter Store Address**.
4. Enter the store address you want to print on the labels.
5. Click **OK**.



Note: A *printer option* is available to override this store address with a local store address and/or phone number.

Creating Category Buttons

You can name the category buttons, assign a format per category, designate a printer, and name the tabs.



There are six categories, each category is color-coded. Each category can have up to 12 tabs of 16 product buttons for a total of 1,152 items.

See Appendix A, "[Standard Label Formats](#)" for the size and content of each format.

Note: If you want the operator to select which printer (Left or Right) to use when a product button is pressed, assign all categories to the same format and the same printer (left or right).

1. Click the category button you want to edit. The fields shown on the screen below are based on format selection; this screen differs when other formats are selected.

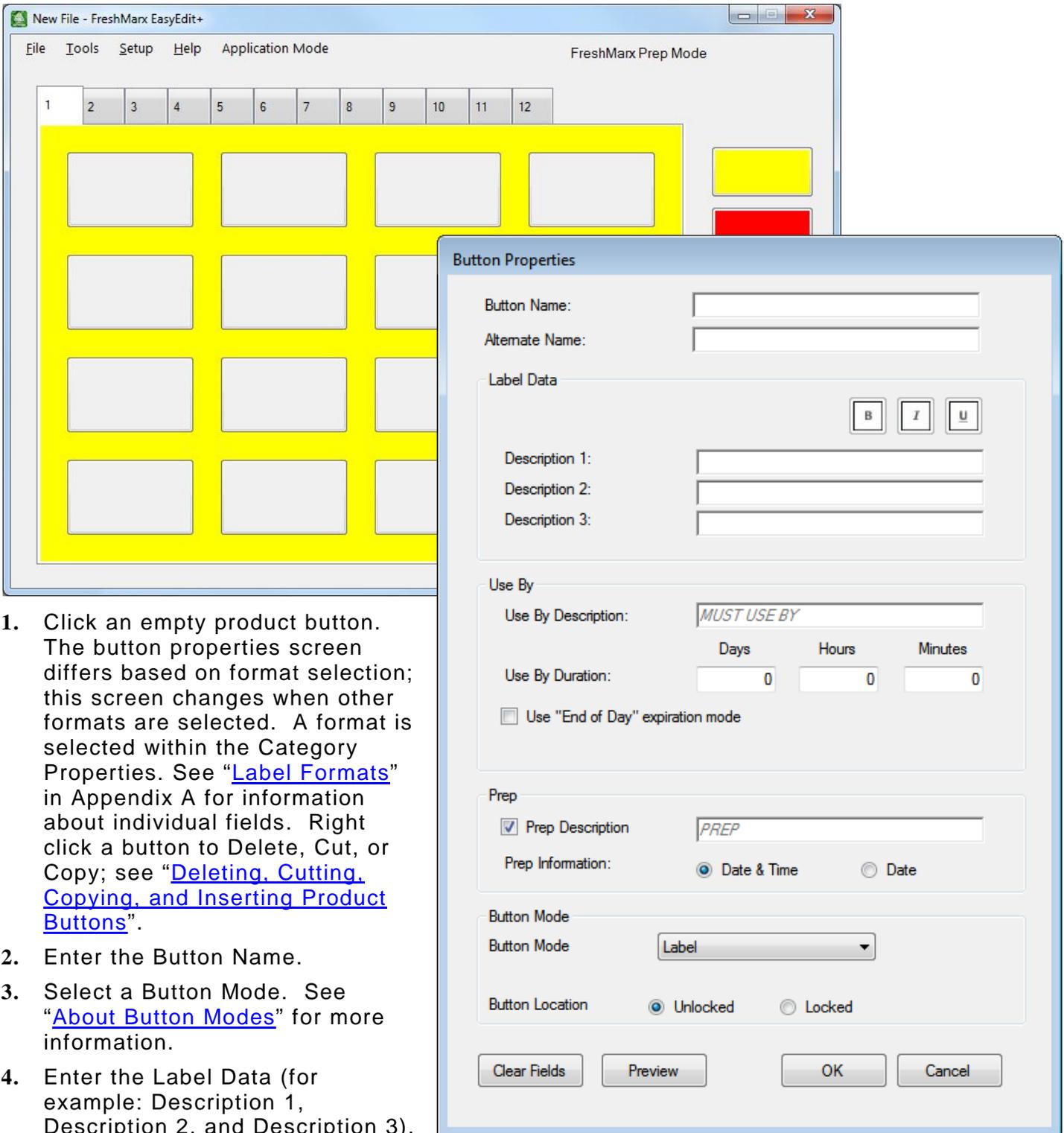
*Optional Fields

*The Alternate Name and Alternate Tabs fields are shown if you enable Alternate Button Names (see “Enabling Alternate Button Names” for more information). Enter the button’s alternate name as you want it to appear when the operator presses the Language Toggle Button.

2. Enter the Button Name.
3. Select the Label Format for all products in this category. See “[About Assigning Formats](#)”. If you select a format larger than the loaded labels, some information may not print.
4. Select a printer to print the product labels for this category. This option varies depending on how your data file is set up. This option does not appear if you specified a **single** 9417+ printer. See “[Specifying the Printer’s Type](#)” for more information.
5. To modify the Use By Description and/or Prep Description, remove the default text and enter your own.
6. Select the background color.
7. Enter the remaining fields as needed.
8. Enter the Tab Names if you want to change them from numeric order.
9. Click **OK** when finished.

Creating Product Buttons

The product button background is color-coded to match the category button.



1. Click an empty product button. The button properties screen differs based on format selection; this screen changes when other formats are selected. A format is selected within the Category Properties. See [“Label Formats”](#) in Appendix A for information about individual fields. Right click a button to Delete, Cut, or Copy; see [“Deleting, Cutting, Copying, and Inserting Product Buttons”](#).
2. Enter the Button Name.
3. Select a Button Mode. See [“About Button Modes”](#) for more information.
4. Enter the Label Data (for example: Description 1, Description 2, and Description 3).

The Label Data information prints on the label when the product button is pressed.

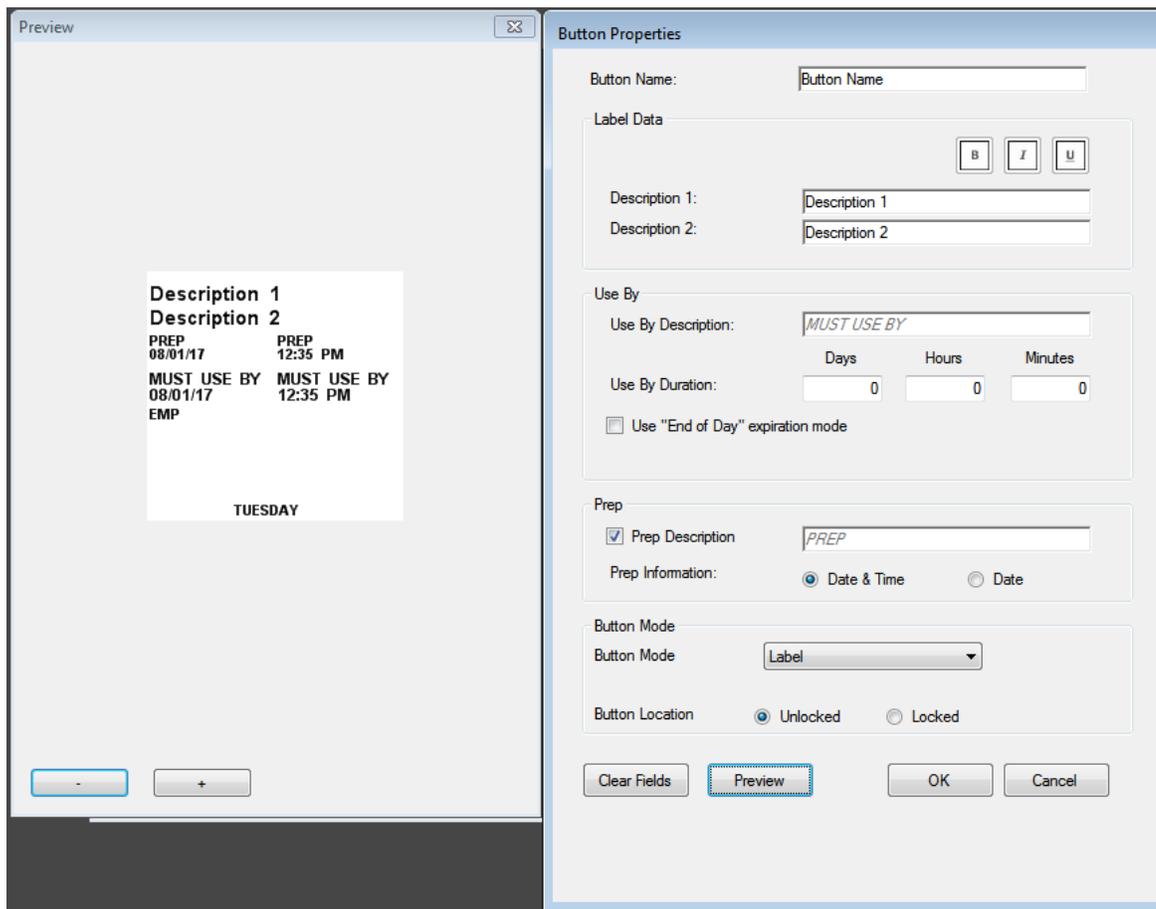
If nothing is entered for Description 1, the text entered for the Button Name is used. Set the product’s duration (expiration time). See [“About Freshness Labeling”](#) for more information.

5. Select Prep Description to print preparation information on the label. If selected, edit the Prep Description as necessary. The default is "Prep."
6. Select to print the preparation date & time or just the date.
7. Select if you want to lock the Button Location. When the product data is sorted, the button is not affected and remains in its current location. See "[About Button Location](#)" for more information.
8. Enter any other information as necessary. EasyEdit+ determines the maximum number of characters that will fit and will not let you enter more.
9. Click **OK** when finished.
10. Click the Category Buttons on the right to create product buttons within the different categories.
11. Click **OK** when finished.
12. Click **File, Save** to save changes.

Label Preview

You can preview a label before printing.

1. Open the Button Properties screen.
2. Enter the necessary information.

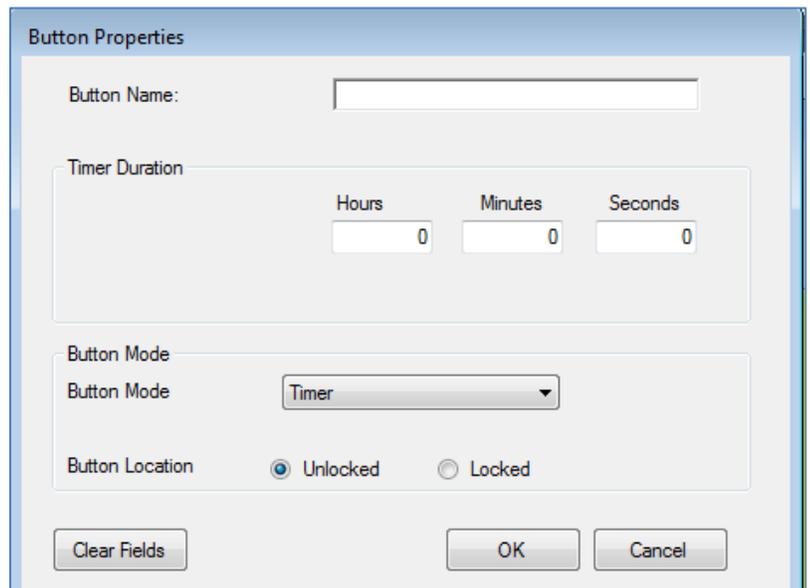


3. Click Preview. You see a preview of the label as it will print.
4. Click the   buttons to zoom in and out.

Timer Button Mode

To create a timer product button:

1. Select Timer as the Button Mode.
2. Enter the Button Name.
3. Enter the number of hours, minutes, and seconds for the timer.
4. Select if you want to lock the Button Location. When the product data is sorted, the button is not affected and remains in its current location.
5. Click **OK**.

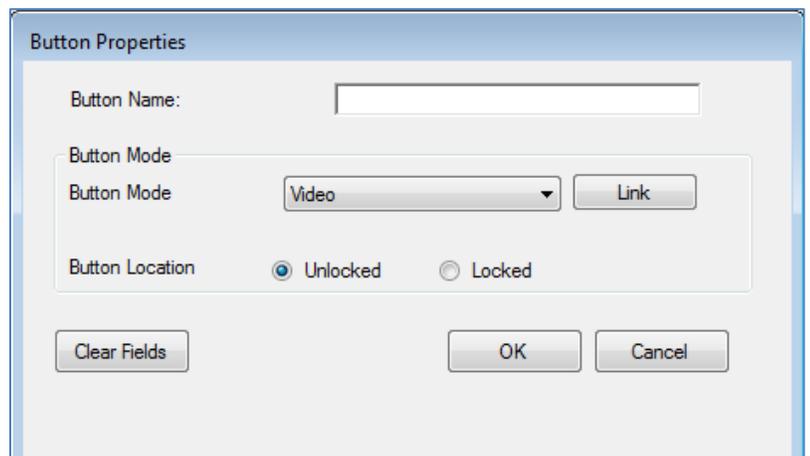


The screenshot shows the 'Button Properties' dialog box. It has a title bar 'Button Properties'. Below the title bar is a text input field for 'Button Name'. Underneath is a section for 'Timer Duration' with three input fields: 'Hours' (0), 'Minutes' (0), and 'Seconds' (0). Below that is a 'Button Mode' dropdown menu set to 'Timer'. At the bottom of this section are two radio buttons: 'Unlocked' (selected) and 'Locked'. At the very bottom of the dialog are three buttons: 'Clear Fields', 'OK', and 'Cancel'.

Video Button Mode

To create a video product button:

1. Select Video as the Button Mode.
2. Enter the Button Name.
3. Click Link then navigate to the video file you want to play when the product button is pressed.
4. Select if you want to lock the Button Location. When the product data is sorted, the button will is not affected and remains in its current location.
5. Click **OK**.

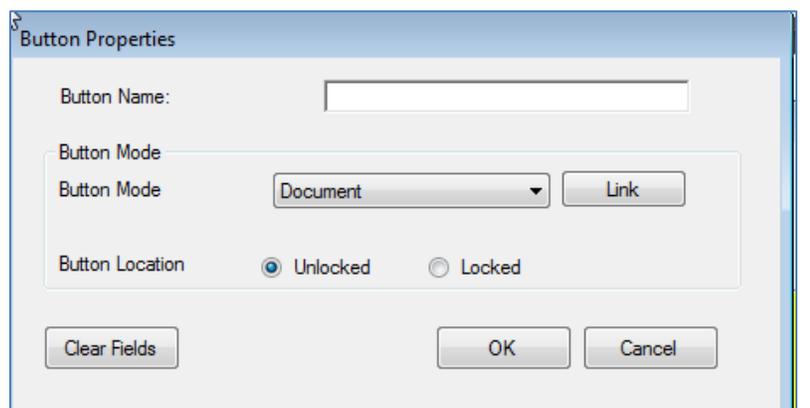


The screenshot shows the 'Button Properties' dialog box. It has a title bar 'Button Properties'. Below the title bar is a text input field for 'Button Name'. Underneath is a section for 'Button Mode' with a dropdown menu set to 'Video' and a 'Link' button to its right. Below that are two radio buttons: 'Unlocked' (selected) and 'Locked'. At the very bottom of the dialog are three buttons: 'Clear Fields', 'OK', and 'Cancel'.

Document Button Mode

To create a document product button:

1. Select Document as the Button Mode.
2. Enter the Button Name.
3. Click Link then navigate to the document file you want to view when the product button is pressed.
4. Select if you want to lock the Button Location. When the product data is sorted, the button is not affected and remains in its current location. See "[About Button Location](#)" for more information.
5. Click **OK**.



The screenshot shows the 'Button Properties' dialog box. It has a title bar 'Button Properties'. Below the title bar is a text input field for 'Button Name'. Underneath is a section for 'Button Mode' with a dropdown menu set to 'Document' and a 'Link' button to its right. Below that are two radio buttons: 'Unlocked' (selected) and 'Locked'. At the very bottom of the dialog are three buttons: 'Clear Fields', 'OK', and 'Cancel'.

Label & Video Button Mode

To create a label & video product button:

1. Select Label & Video as the Button Mode.
2. Enter the Button Name.
3. Enter the remaining fields as needed.
4. Click Link then navigate to the video file you want to play when the product button is pressed.
5. Select if you want to lock the Button Location. When the product data is sorted, the button is not affected and remains in its current location. See "[About Button Location](#)" for more information.
6. Click **OK**.

Label & Document Button Mode

To create a label & document product button:

1. Select Label & Document as the Button Mode.
2. Enter the Button Name.
3. Enter the remaining fields as needed.
4. Click Link then navigate to the document file you want to view when the product button is pressed.
5. Select if you want to lock the Button Location. When the product data is sorted, the button is not affected and remains in its current location. See "[About Button Location](#)" for more information.
6. Click **OK**.

Label & Timer Button Mode

To create a label & timer product button:

1. Select Label & Timer as the Button Mode.
2. Enter the Button Name.
3. Enter the remaining fields as needed.
4. Enter the timer duration (hours, minutes, seconds).
5. Select if you want to lock the Button Location. When the product data is sorted, the button is not affected and remains in its current location. See "[About Button Location](#)" for more information.
6. Click **OK**.

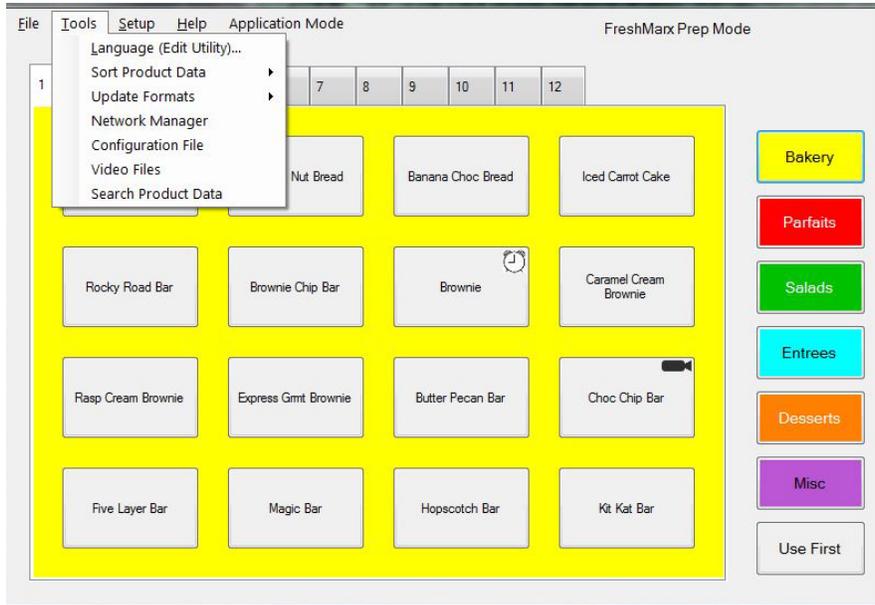
The screenshot shows the "Button Properties" dialog box. The "Button Name" field contains "Label & Video Button". Under "Label Data", there are three description fields (Description 1, 2, 3) and three formatting buttons (B, I, U). The "Use By" section has a "Use By Description" field with "MUST USE BY", and "Use By Duration" fields for Days, Hours, and Minutes, all set to 0. There are checkboxes for "Use 'End of Day' expiration mode" (checked) and "Print 'End of Day' on label". The "Prep" section has a "Prep Description" field with "PREP" and "Prep Information" options for "Date & Time" and "Date" (selected). The "Button Mode" dropdown is set to "Label & Video", and the "Link" button is highlighted. The "Button Location" is set to "Unlocked". At the bottom are "Clear Fields", "Preview", "OK", and "Cancel" buttons.

Selecting Videos

If you have numerous videos, you can select the ones to include with your .freshmarx data file. For example, you may want to only include new videos, those not already installed on the printer. If your .freshmarx file doesn't contain videos, the Video Files menu option is disabled.

To select videos to include with your .freshmarx file:

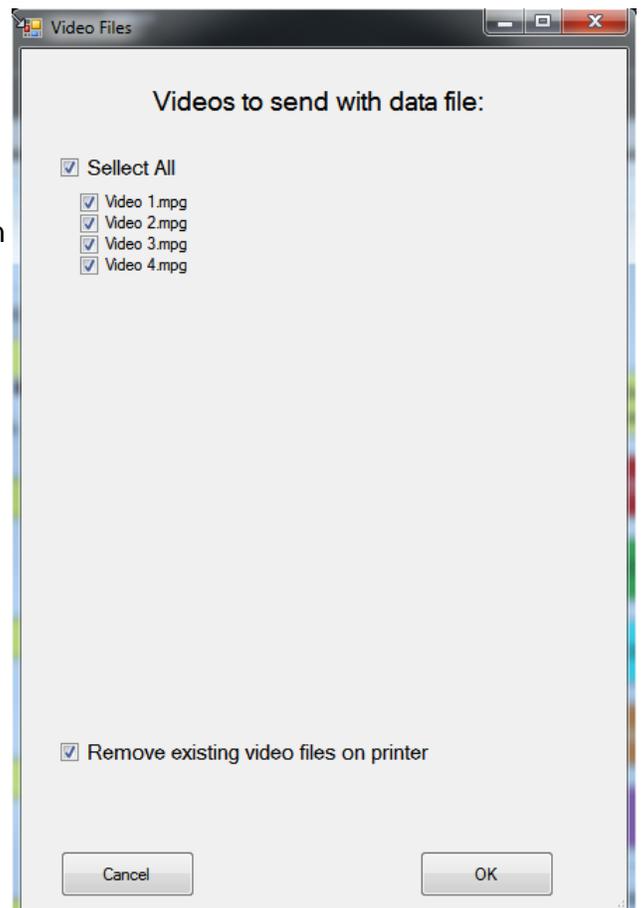
1. Select **Tools, Video Files**.



2. Select the videos you want to include.

- All videos are checked by default.
- Check the "Select All" box to check/uncheck all videos.
- Check the "Remove existing video files on printer" box to remove all existing videos when the data file is installed on the printer. If this box is unchecked, existing videos remain.

3. Click **OK**.



Saving the Data File

To save your data file,

1. Click **File**, **Save** or **Save As...**
2. Navigate to the drive where you want to save your file.
 - ◆ Save the file to a USB Flash drive to transfer it to a 9417+ printer via USB (refer to the *9417+ System Administrator's Guide* found on our Web site for more information).
 - ◆ Save the file to your computer to transfer it to a 9417+ printer via a network connection (see Chapter 5, "[9417+ Network Manager](#)" for more information).
3. Click **Save**. Your data file is saved as a .FRESHMARX file.

Note: Use .FRESHMARX data files only with FreshMarx Application version 3.0 or higher.

SORTING THE DATA FILE

There are three sort modes available to organize your product data file. You can sort the buttons on each tab, or sort the buttons for an entire category, or sort all buttons.

Important Once you complete a sort, **it cannot be undone**.

Locking Button Location

Product button locations can be locked. When product data is sorted, locked buttons remain in their current location. To lock or unlock a button location, change the setting on the Button Properties screen.

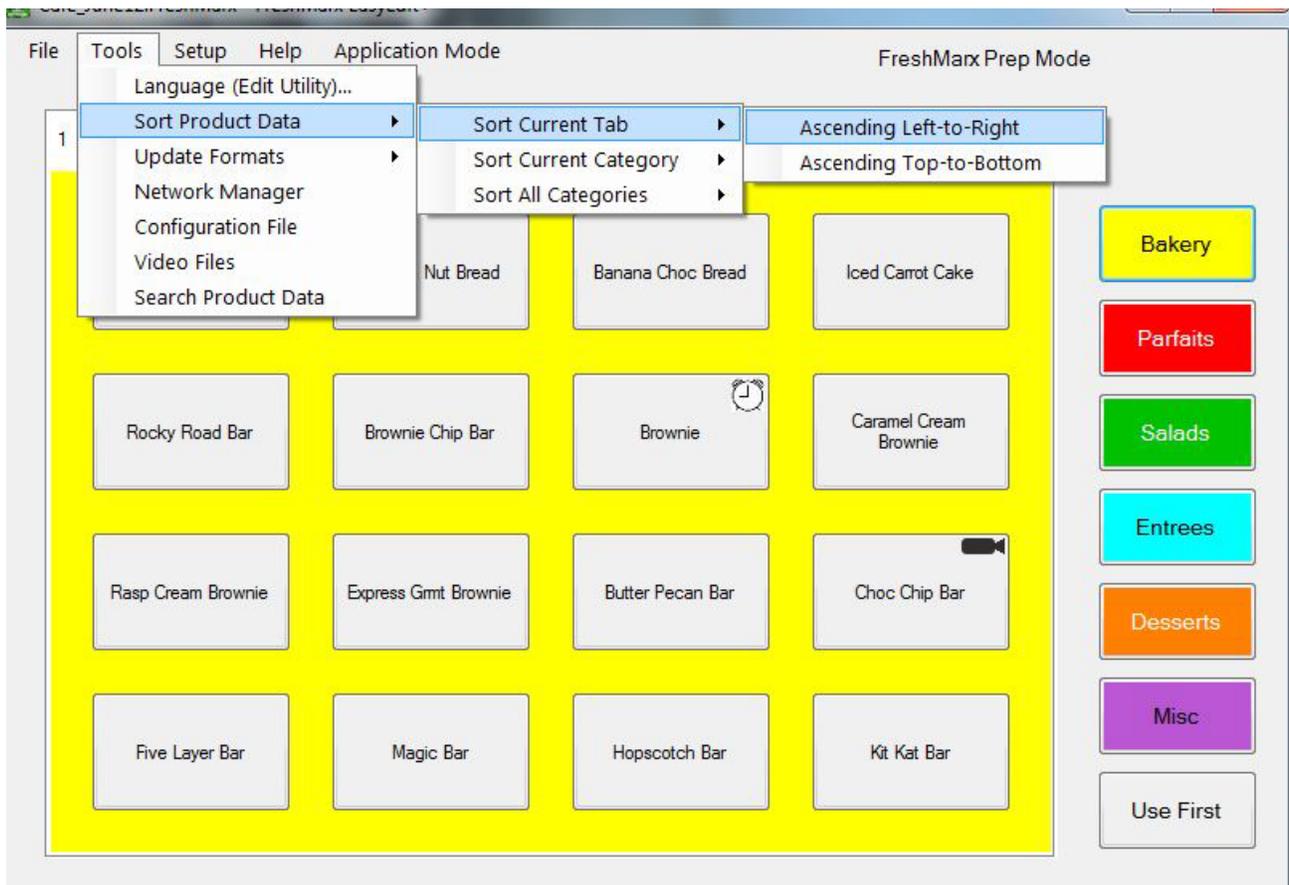
Locked product buttons have a lock icon in the upper left corner of the button.

The screenshot displays the 'Product Data from 10.5.2.188 - FreshMarx EasyEdit+' application. The main window shows a grid of buttons. One button, labeled 'Locked Button', is circled in black and has a lock icon in its top-left corner. To the right, the 'Button Properties' dialog box is open, showing settings for a 'Sample Locked Button'. The 'Button Location' section is circled in black, with the 'Locked' radio button selected. The dialog box includes fields for 'Button Name', 'Label Data' (with B, I, U icons), 'Description 1', 'Description 2', and 'Description 3'. It also has 'Use By' settings for 'Use By Description' (set to 'MUST USE BY') and 'Use By Duration' (Days, Hours, Minutes, all set to 0). There are checkboxes for 'Use "End of Day" expiration mode' (checked) and 'Print "End of Day" on label'. The 'Prep' section has a 'Prep Description' field (set to 'PREP') and 'Prep Information' options (Date & Time, Date). The 'Button Mode' section has a 'Button Mode' dropdown (set to 'Label') and the 'Button Location' section with 'Locked' selected. At the bottom of the dialog are 'Clear Fields', 'Preview', 'OK', and 'Cancel' buttons. The main window also shows a menu bar (File, Tools, Setup, Help, Application Mode) and a grid of buttons including 'Sample Button 1', 'Sample Button 2', 'Video Button', 'Document Button', and 'Locked Button'. On the right side of the main window, there are buttons for 'Category 5', 'Category 6', and 'Use First'.

Sorting Current Tab

To sort the buttons on a single tab:

1. Open the tab you want to sort.
2. Select **Tools, Sort Product Data, Sort Current Tab**.



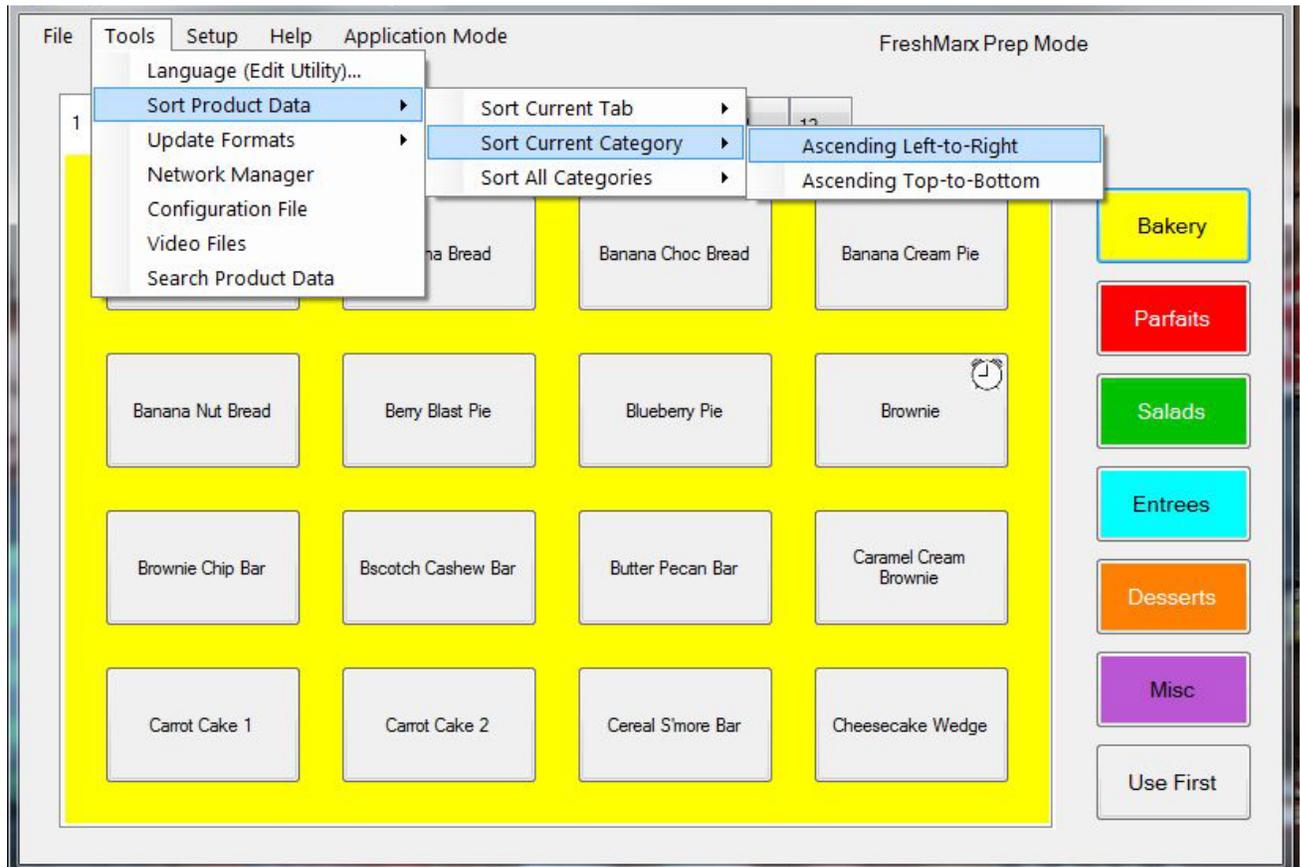
3. Select **Ascending Left-to-Right** if you want your buttons sorted alphabetically starting with the top left button and going across each row.
Select **Ascending Top-to-Bottom** if you want the buttons sorted alphabetically starting with the top left button and going down each row.

Note: Locked buttons will not change location when product data is sorted.

Sorting Current Category

To sort all of the buttons within a category:

1. Open the category you want to sort.
2. Select **Tools, Sort Product Data, Sort Current Category**.



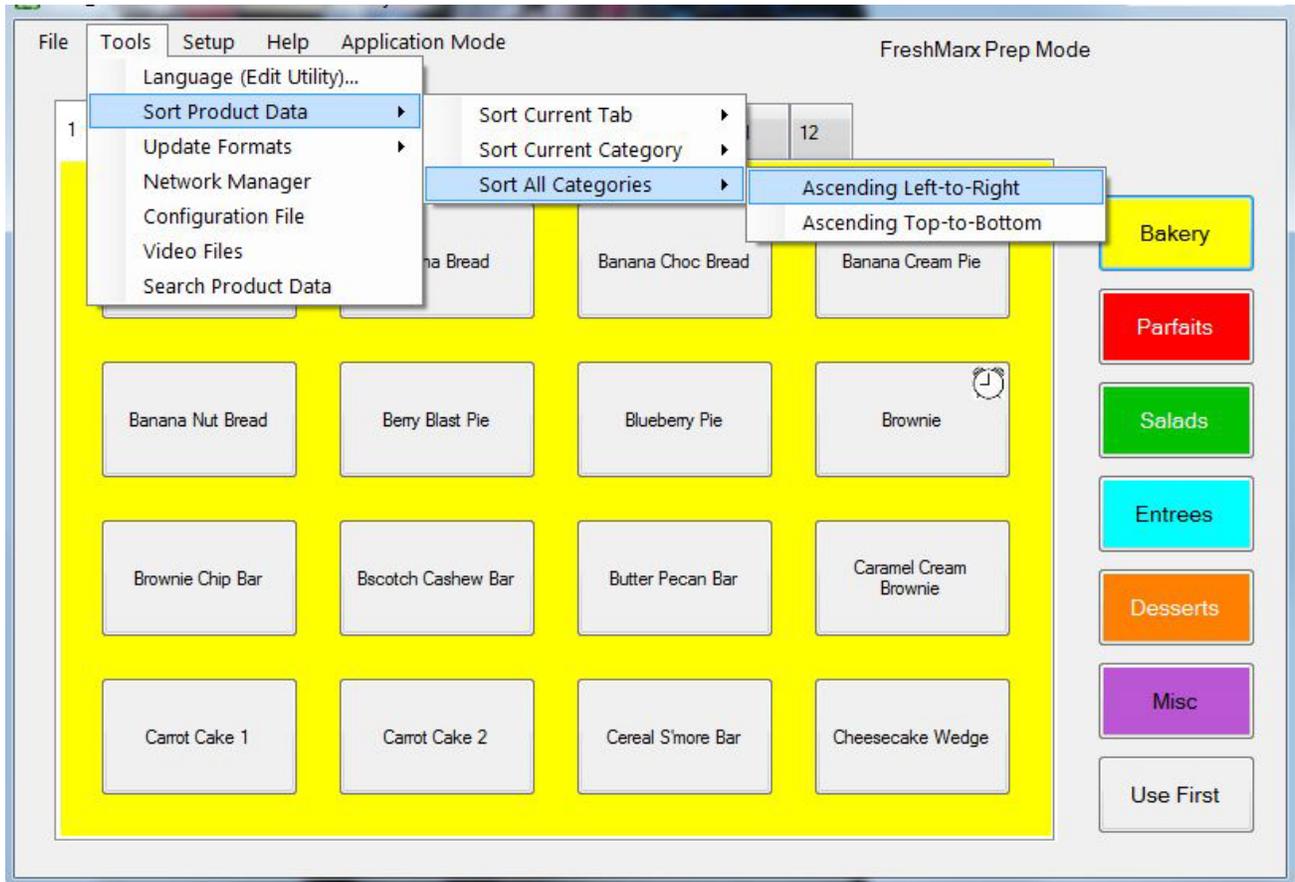
3. Select **Ascending Left-to-Right** if you want your buttons sorted alphabetically starting with the top left button and going across each row (and continuing for additional tabs). Select **Ascending Top-to-Bottom** if you want the buttons sorted alphabetically starting with the top left button and going down each row (and continuing for additional tabs).

Note: Locked buttons will not change location when product data is sorted.

Sorting All Categories

To sort all of the buttons in your product data file independent of Category or Tab:

1. Select **Tools, Sort Product Data, Sort All Categories**.



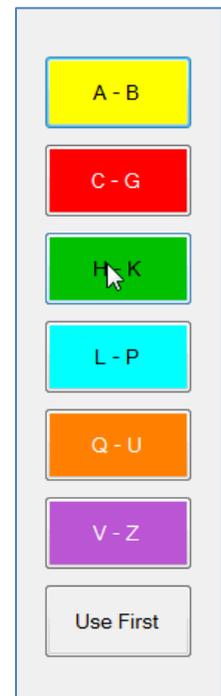
2. Select **Ascending Left-to-Right** if you want your buttons sorted alphabetically starting with the top left button and going across each row (and continuing for additional tabs and categories).
Select **Ascending Top-to-Bottom** if you want the buttons sorted alphabetically starting with the top left button and going down each row (and continuing for additional tabs and categories.).

Note: Locked buttons will not change location when product data is sorted.

Alphabetizing Your Data

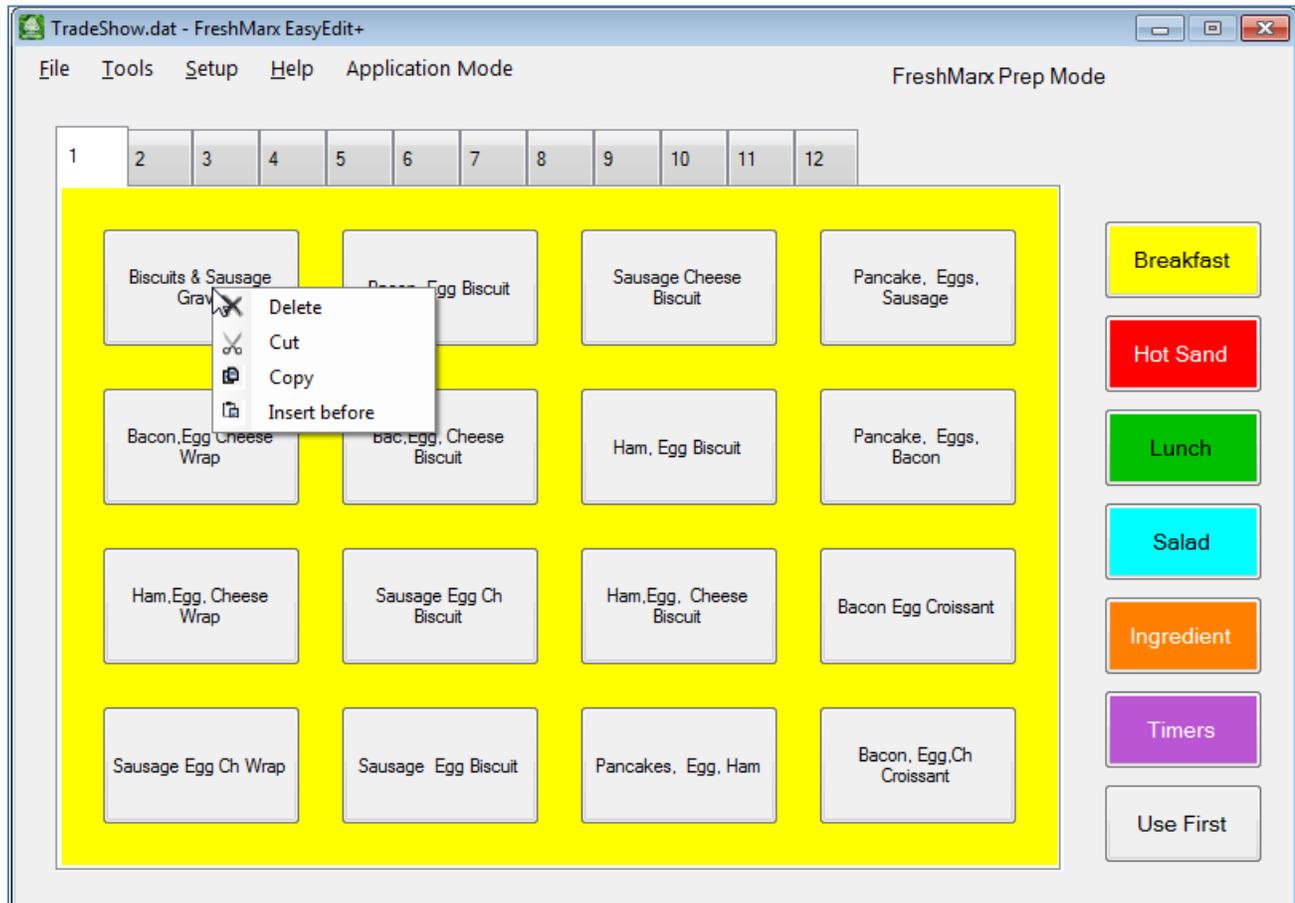
If your Product Data File contains a large number of items or is getting difficult to navigate, consider sorting all categories. For example, group all items starting with A - B, C - G, H - K, L - P, Q - U, and V - Z as shown below.

Grouping the items within your Product Data File allows them to be located quicker and is easier for your employees. Employees do not need to memorize each product's category.

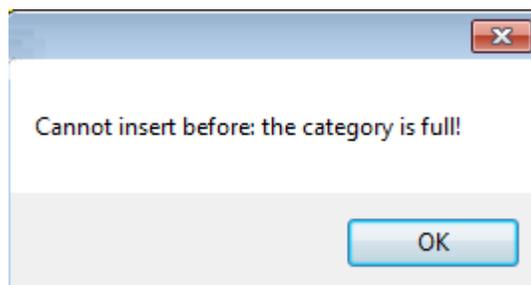


Deleting, Cutting, Copying, & Inserting Product Buttons

You can delete, cut, copy, and insert product buttons. Right click on the chosen product button to open the menu. If the chosen product button location is locked (see "[Locking Button Location](#)" for more information), the right click menu is disabled.



- ◆ Delete removes the product button from your data file.
Once a button is deleted, it cannot be undone.
 - ◆ Cut removes the product button from the current location and stores it on the clipboard.
 - ◆ Copy makes a copy of the button and stores it on the clipboard.
 - ◆ Insert before places a cut or copied button before the selected button. Once a button is inserted, all unlocked buttons will adjust their location.
- If a category is full, a copied product button cannot be inserted.



EasyEdit+ and the 9417+ Printer use SFTP (Secure File Transfer Protocol) to send and receive files. Each printer can communicate with a remote SFTP server and hosts its own SFTP server to allow a remote client to push files to it. Files will not be shared from printer to printer on the same network.

To open the Network Manager, select **Tools, Network Manager** and enter the default password: **avery1239417**.

The Network Manager has four tabs; Update, Printers, Groups and Password.

Working With an SFTP Server

To pull updates from a server, the server needs to have a *config.xml* file stored in its root folder.

1. Use a text editor to start a new file.
2. Copy and paste the following text into the file.

```
<?xml version='1.0'?>
<Upload>
  <Data Path='newData.FreshMarx' Date='06/30/2017' Silence='N'>
  </Data>
  <Application Path='132027 FreshMarx Mfg Build 32.cab' Version='3.2.11.0' Silence='N'>
  </Application>
</Upload>
```

3. Modify the following areas of the pasted text:

In the data block:

- Path = the name of the data file (*.freshmarx).
- Date = the timestamp when the file was created/posted. Freshmarx will remember this date after pulling the file.
 - For example, when a new data file is posted on the SFTP server, update the date field so FreshMarx will see it as a new file.
 - The date field format (mm/dd/yyyy or dd/mm/yyyy) needs to match that set on the printer (Tools, Settings, System Settings, Format Time/Date).
- Silence = if you want the data file to install without user interaction. Enter “N” for no, “Y” for yes.

In the application block:

- Path = the name of the cab file
- Version = the version of the Freshmarx cab file. **Important: All 4 places in the version string are required (ex: 3.2.11.0)**. Freshmarx compares the version string and performs the update if necessary.
- Silence = if you want the file to install without user interaction. Enter “N” for no, “Y” for yes.

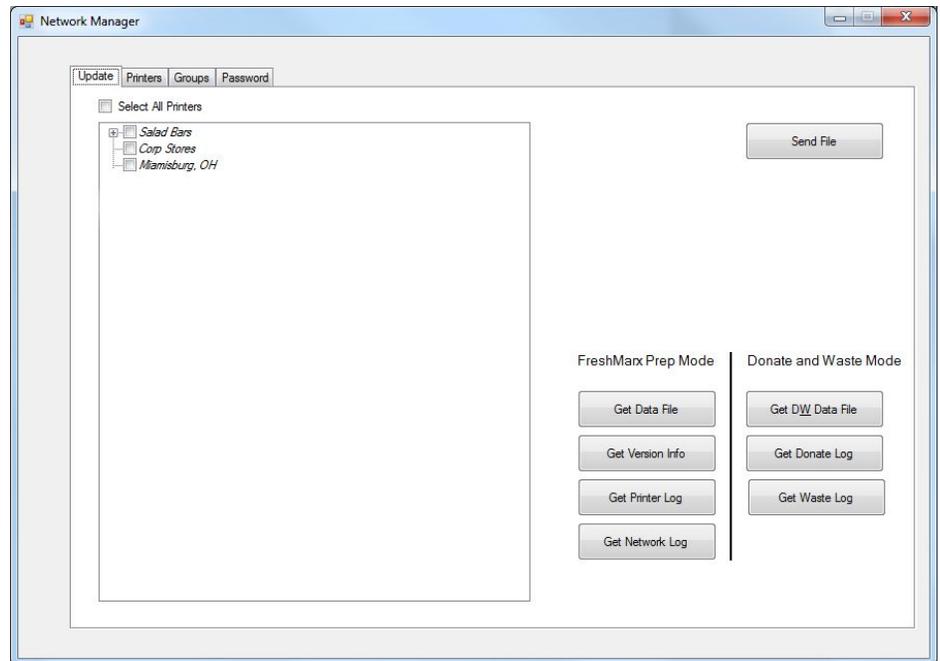
4. Save the file as “Config.xml” into the root directory on your server.

Note: The data block and application block are both optional. Only one of each should be defined; you cannot specify more than one data file or application file.

Updating Printers & Files

Use the Update Tab to select printers to send and receive files via SFTP.

- ◆ Hover over a group to see the group description; hover over a printer to see the IP address.
- ◆ Click the + button to expand the group to show all printers within the group.
- ◆ Click the box beside a group to select all printers within that group. Click the box beside an individual printer to select that printer.
- ◆ Click the box beside Select All Printers to select all printers and groups.
- ◆ If you select a group then deselect a printer within that group, the group checkbox is deselected.



Updating the 9417+ Printer

1. Select the printer(s) to update.
2. Click the **Send File...** button.
3. Select the file to send then click **Open**.

Files can include .enc

(encrypted configuration file, See "[Printer Configuration File](#)" for more information), .freshmarx (data file), .cab (application) and .sdc (Summit config file (wireless network)).

4. You see a progress bar while the file transfers to the printer(s).

Note: EasyEdit+ automatically displays a report after sending any files to the printer. The report lists which printers received the file and any printers that failed to receive the file. This report is saved as a text file; the file name is "SendFileLog_DATE-TIME".

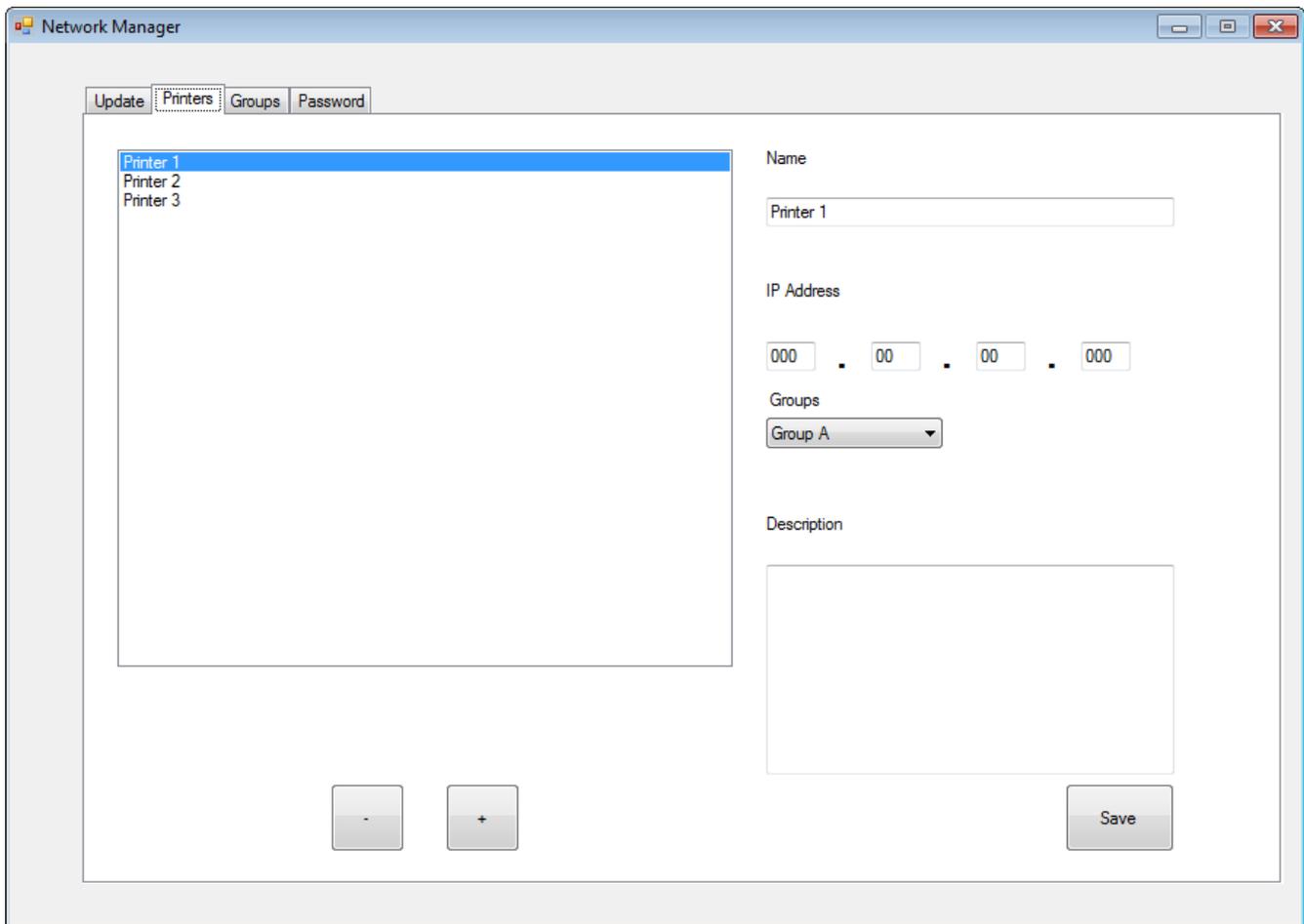
Getting Files from the 9417+ Printer

To get a Donate and Waste log file, see "[Getting Donate and Waste Log Files](#)" for more information. The Donate and Waste application must be purchased separately.

1. Select the printer to get a file.
2. Click the **Get Data File**, **Get Version Info**, **Get Printer Log**, or **Get Network Log** button.
 - ◆ The data file is saved as "PrinterName_Data.freshmarx".
 - ◆ The version file is saved as "PrinterName_Version.info".
 - ◆ The printer log is saved as "PrinterName_PrinterLog.log". This file contains information about printer activity such as labels printed.
 - ◆ The network log file is saved as "PrinterName_FreshMarx.log". The Network log file contains data about network actions, such as information being sent to and from the printer.
3. Navigate to the location you want to save the file then click **OK**.
4. You see a progress bar while the file transfers from the printer(s).

Managing Printers

Use the Printers Tab to add and remove printers. You can also change a printer's IP address.



Adding a Printer

1. Click the + button to add a printer.
2. Enter a printer name and IP Address.
3. If you have created groups, you can add a printer to a group using the drop down menu. Printers are not required to be in a group.
4. Enter a Description (optional).
5. Click **Save**. You see the new printer listed in the box.

Removing a Printer

1. Select the printer to remove.
2. Click the – button
3. Select **Yes** when prompted. The printer is removed from the list.

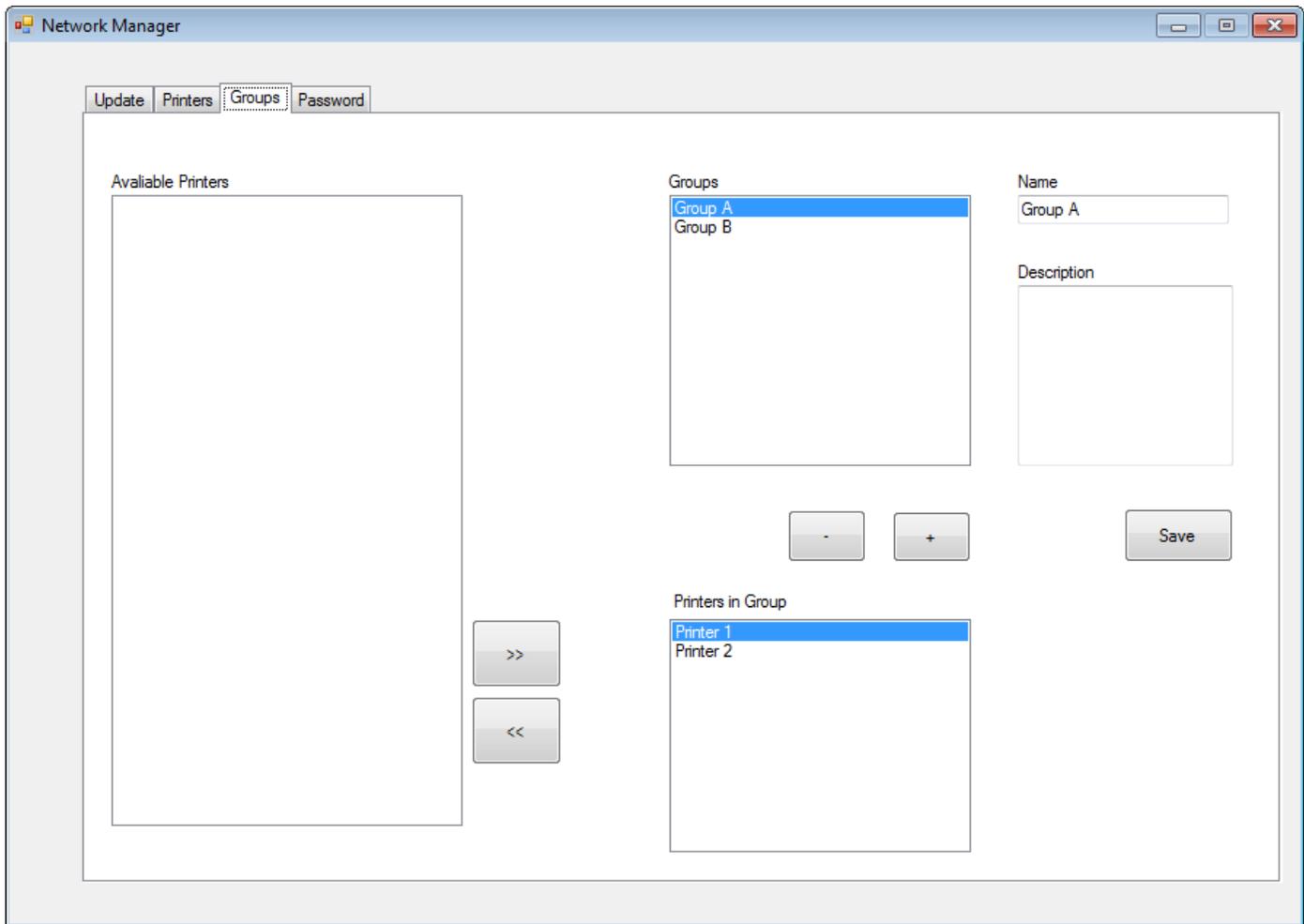
Changing a Printer IP

1. Select the printer to modify.
2. Enter the new IP Address.
3. Click **Save**.

Note: The Save button is disabled until information in the Name, IP Address, and/or Description fields is entered or modified.

Managing Printer Groups

Use the groups tab to organize your printers into groups.



Creating a Group

1. Click the **+** button to add a group.
2. Enter a Group Name and Description (optional).
3. Click **Save**.

Editing a Group

To add a printer to a group,

1. Select the group
2. Select the printer you want to add or remove.
3. Click the **>>** button to add the printer to the group. Click the **<<** button to remove the printer from the group.

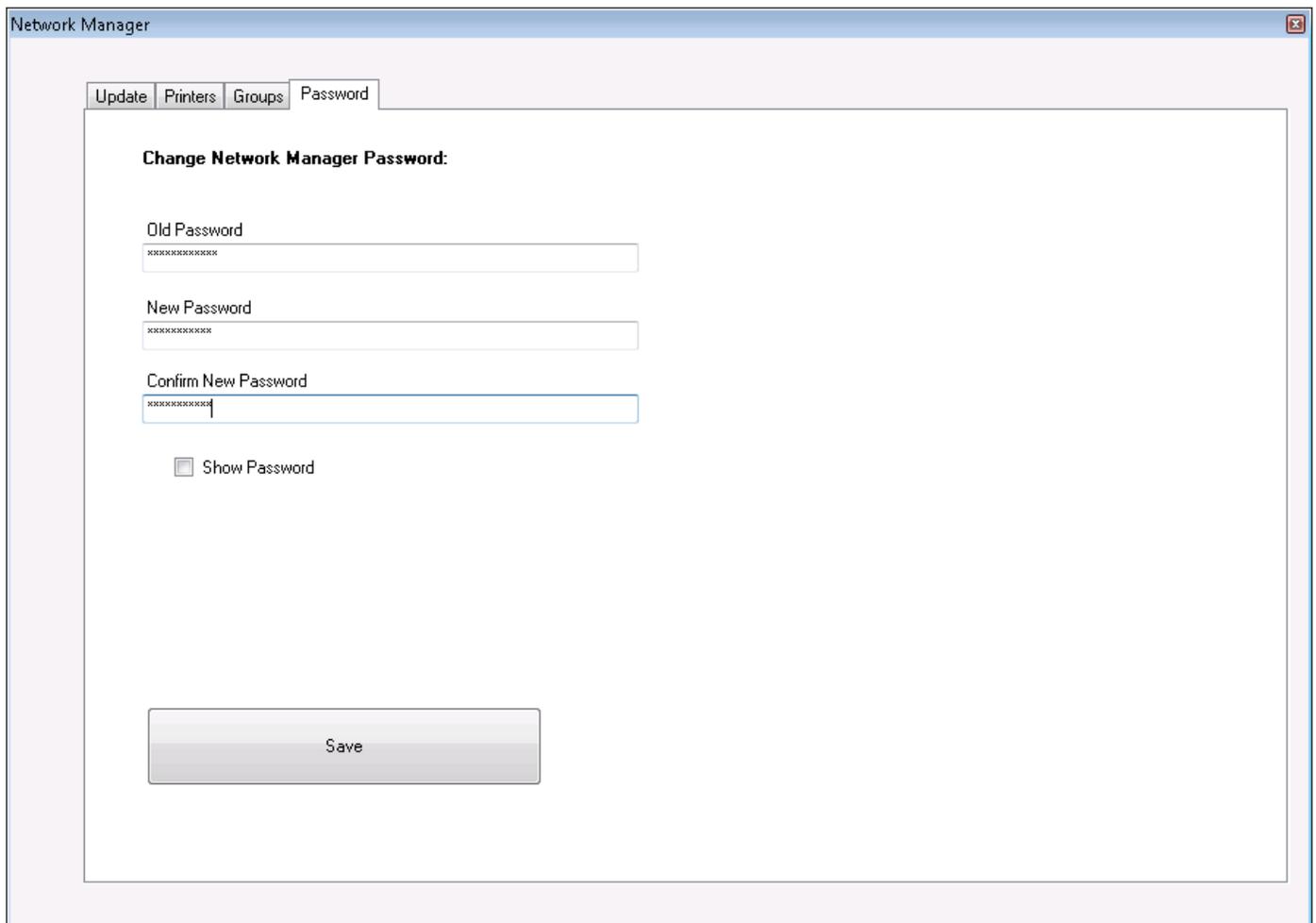
Deleting a Group

1. Select the group
2. Click the **-** button to remove the group.
3. Select **Yes** when prompted. The group is removed from the list.

Note: The Save button is disabled until information in the Name and/or Description fields is entered or modified.

Changing the Network Manager Password

Use the Password tab to change the Network manager password. The default password is **avery1239417**.



The screenshot shows a window titled "Network Manager" with a tabbed interface. The "Password" tab is selected. The interface contains the following elements:

- Change Network Manager Password:** A section header.
- Old Password:** A text input field with a masked password (xxxxxxxxxx).
- New Password:** A text input field with a masked password (xxxxxxxxxx).
- Confirm New Password:** A text input field with a masked password (xxxxxxxxxx) and a cursor.
- Show Password: A checkbox to toggle password visibility.
- Save:** A button to save the changes.

You can use EasyEdit+ to create an encrypted XML-based configuration file that contains settings you want to remotely set on the 9417+ Printer. The configuration file is saved as a *.enc file type.

To create a configuration file,

1. Select **Tools, Configuration File**.
2. Enter the Network Manager Password. The default password is **avery1239417**.

You see five tabs; Printer, LAN, Wi-Fi, Network, and Users. Each tab shows the settings you can modify on the printer. The tabs have the option to select Use Printer Settings. Check this to use the printer's settings instead of setting them using the configuration file.

Opening a Configuration File

To open an existing configuration file:

1. Select **Open...** on the Configuration File screen.
2. Navigate to the saved configuration file (*.enc file).
3. Select **Open**. The settings from this file populate the tabs.

Printer Settings

To use a configuration file to set Printer settings,

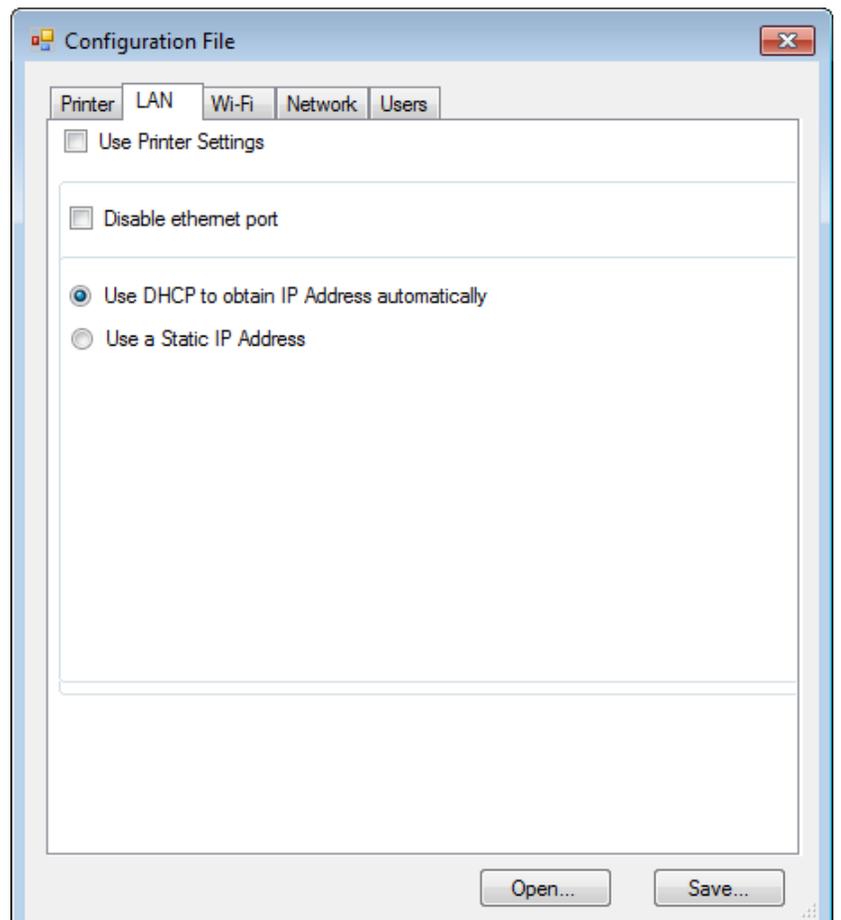
1. Select the Printer tab.
2. Deselect Use Printer Settings.
3. Modify the settings as needed.
4. Click **Save...** or use the other tabs to modify settings.

The screenshot shows the 'Configuration File' dialog box with the 'Printer' tab selected. The 'Use Printer Settings' checkbox is unchecked. The 'Admin Password' and 'Confirm Admin Password' fields are both filled with asterisks. The 'Show Password' checkbox is also unchecked. Under 'Printer Applications', the following are checked: 'Summit Client Utility (Advanced Wireless Setup)', 'Opera Mini (Web Browser)', and 'Print Server'. Under the bottom section, 'Enable employee login' and 'Allow user to recreate an old label by overriding "Use by" value' are unchecked. The 'System Language' dropdown is set to 'English'. The 'Enable alternate System Language' checkbox is unchecked. At the bottom right, there are 'Open...' and 'Save...' buttons.

LAN Settings

To use a configuration file to set LAN (Local Area Network) settings:

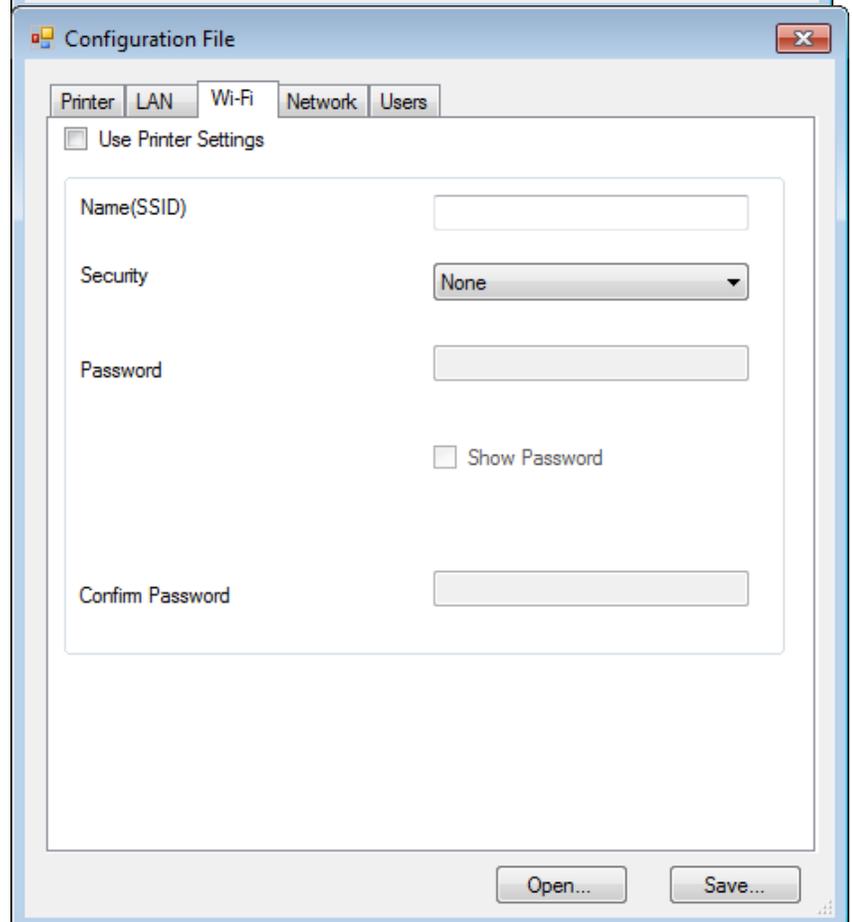
1. Select the LAN tab.
2. Deselect Use Printer Settings.
3. Modify the settings as needed.
4. Click **Save...** or use the other tabs to modify settings.



WiFi Settings

To use a configuration file to set Wireless settings:

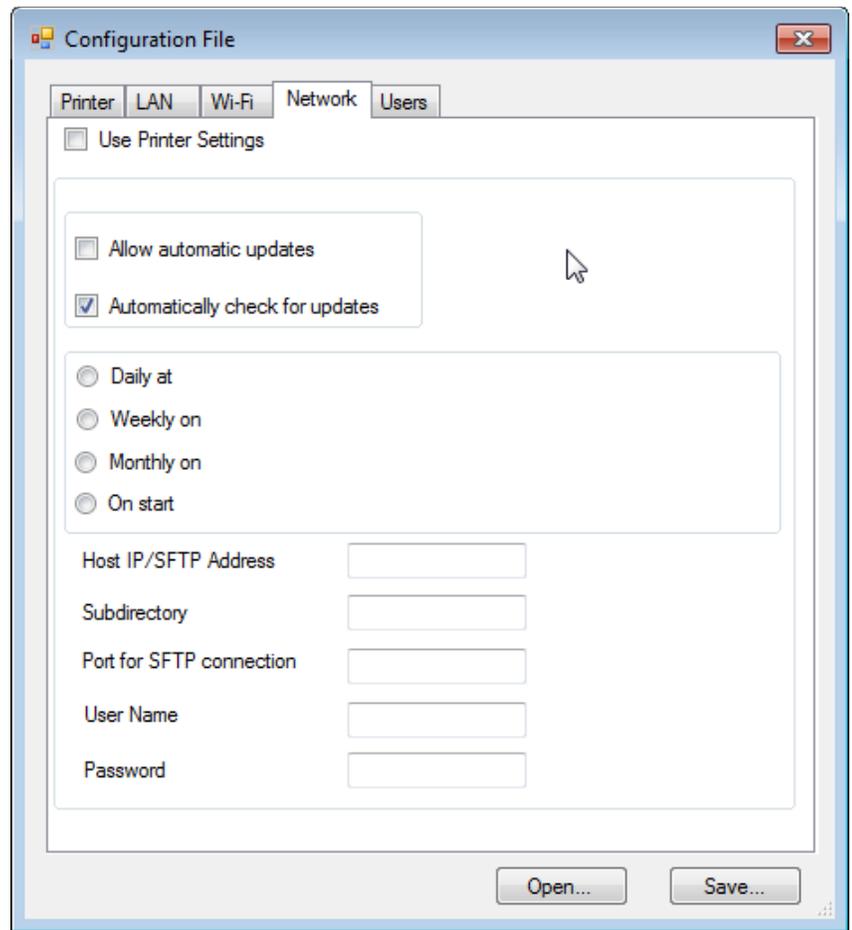
1. Select the Wi-Fi tab.
2. Deselect Use Printer Settings.
3. Modify the settings as needed.
4. Click **Save...** or use the other tabs to modify settings.



Network Settings

To use a configuration file to set Network settings:

1. Select the SFTP tab.
2. Deselect Use Printer Settings.
3. Modify the settings as needed.
4. Click **Save...** or use the other tabs to modify settings.



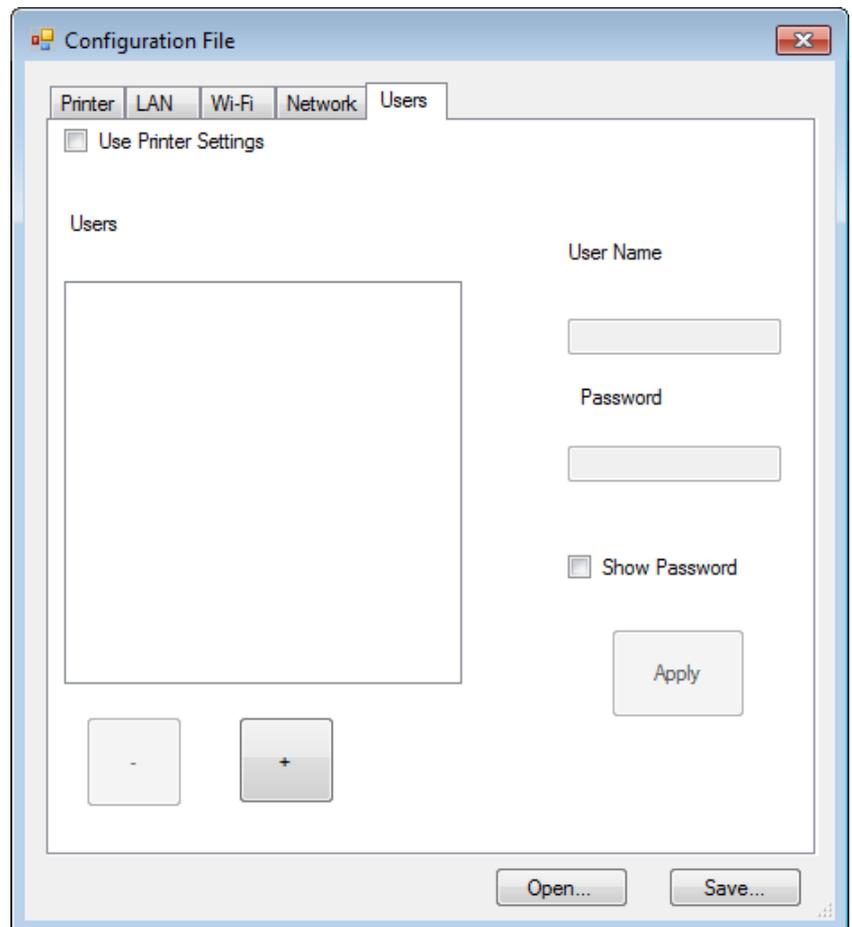
SFTP Server User Settings

To use a configuration file to set SFTP server user settings:

1. Select the Users tab.
2. Deselect Use Printer Settings.
3. Click the + button to add a user.
4. Enter a User Name and a password.
5. Click **Apply**. The new user is listed in the Users box.

To remove a user:

1. Select that user in the Users box
2. Click the - button to remove the user.
3. Confirm the action in the pop-up message.



STANDARD LABEL FORMATS



This appendix shows a sample of each label format. If the selected format is larger than the loaded supply, some information may not print.

When selecting formats, **the maximum number of characters shown for each field is a guide**. The printer uses a proportionally-spaced font, which does not have a set width for each character. For example, the letters I, L and W have different widths. To estimate the maximum number of characters a field can contain, use the letter “W.” If bolding is applied to a word, the word becomes wider, which means fewer characters may print in a field.

Format 1

Prints 1.2” wide x 1.1” long labels.

```
Description 1
Description 2
Description 3
PREP          EMPL
MM/DD/YY HH:MM:PM
MUST USE BY
HH:MM:PM
MM/DD/YY
```

Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 17 characters.
<i>Description 2</i>	Prints up to 17 characters.
<i>Description 3</i>	Prints up to 17 characters.
<i>EMPL</i>	Employee ID must be 2-10 characters.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.

Note: The employee ID number does not print if Employee Login is not enabled.

Format 2

Prints 1.2” wide x 1.1” long labels.

```
Description 1
Description 2
PREP          EMPL
MM/DD/YY HH:MM:PM
READY
MM/DD/YY HH:MM:PM
MUST USE BY
MM/DD/YY HH:MM:PM
```

Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 17 characters.
<i>Description 2</i>	Prints up to 17 characters.
<i>EMPL</i>	Employee ID must be 2-10 characters.
<i>Prep</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Ready</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.

Note: The employee ID number does not print if Employee Login is not enabled.

Format 3

Prints 2.2" wide x 1.1" long labels.

Description 1
Description 2
PREP
EMPL
MM/DD/YY
HH:MM:PM
MUST USE BY
MM/DD/YY HH:MM:PM

Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 35 characters.
<i>Description 2</i>	Prints up to 35 characters.
<i>EMPL</i>	Employee ID must be 2-10 characters.
<i>Prep</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.

Note: The employee ID number does not print if Employee Login is not enabled.

Format 4

Prints 2.2" wide x 1.5" long labels.

Description 1
Description 2
PREP
PREP
MM/DD/YY
HH:MM:PM
MUST USE BY
MUST USE BY
MM/DD/YY
HH:MM:PM
EMPL

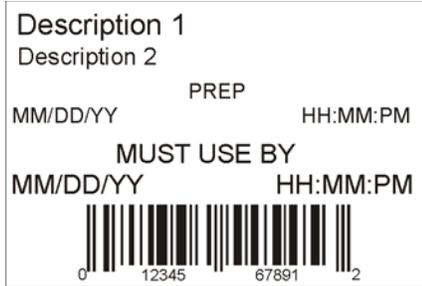
Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 25 characters.
<i>Description 2</i>	Prints up to 25 characters.
<i>EMPL</i>	Employee ID must be 2-10 characters.
<i>Prep</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.

Note: The employee ID number does not print if Employee Login is not enabled.

Format 5

Prints 2.2" wide x 1.5" long labels.

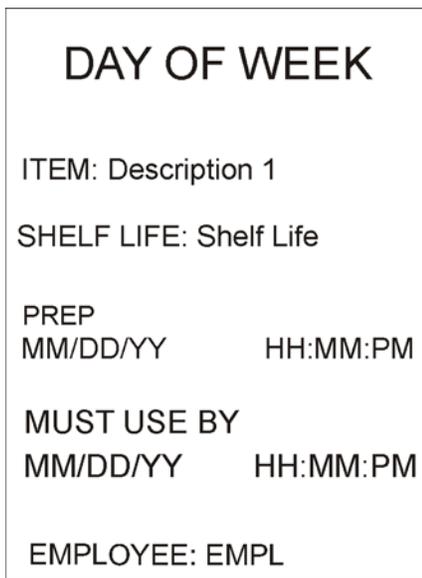


Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 25 characters.
<i>Description 2</i>	Prints up to 25 characters.
<i>Prep</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Barcode</i>	Must enter the correct number of characters based on barcode type

Format 6

Prints 2.2" wide x 3.0" long labels.



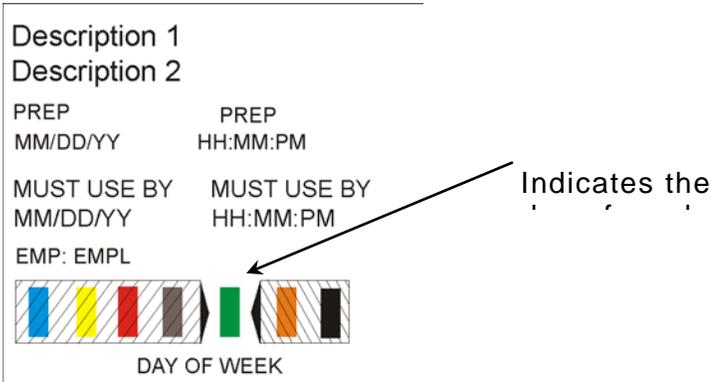
Enter the following information for each field:

Field	Description
<i>Description</i>	Prints up to 16 characters.
<i>Shelf Life</i>	Prints up to 13 characters.
<i>EMPL</i>	Employee ID must be 2-10 characters.
<i>Prep</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.

Note: The employee ID number does not print if Employee Login is not enabled.

Format 7

Prints 2.2" wide x 2.0" long labels.



Note: Arrows point to the block that corresponds to the day-of-week expiration date while diagonal lines print through the color-coded boxes that do not apply.

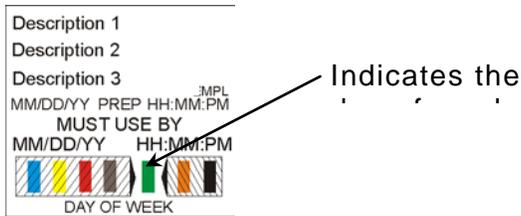
Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 15 characters.
<i>Description 2</i>	Prints up to 15 characters
<i>EMPL</i>	Employee ID must be 2-10 characters.
<i>Prep</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Blue</i>	Use by Monday.
<i>Yellow</i>	Use by Tuesday.
<i>Red</i>	Use by Wednesday.
<i>Brown</i>	Use by Thursday.
<i>Green</i>	Use by Friday.
<i>Orange</i>	Use by Saturday.
<i>Black</i>	Use by Sunday.

Note: The employee ID number does not print if Employee Login is not enabled.

Format 8

Prints 1.2" wide x 1.1" long labels.



Note: Arrows point to the block that corresponds to the day-of-week expiration date while diagonal lines print through the color-coded boxes that do not apply.

Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 17 characters.
<i>Description 2</i>	Prints up to 17 characters.
<i>Description 3</i>	Prints up to 17 characters.
<i>EMPL</i>	Employee ID must be 2-10 characters.
<i>Prep</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Blue</i>	Use by Monday.
<i>Yellow</i>	Use by Tuesday.
<i>Red</i>	Use by Wednesday.
<i>Brown</i>	Use by Thursday.
<i>Green</i>	Use by Friday.
<i>Orange</i>	Use by Saturday.
<i>Black</i>	Use by Sunday.

Note: The employee ID number does not print if Employee Login is not enabled.

Format 10

Prints 2.2" wide x 4.0" long labels.

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Description 1</i>	Prints up to 23 characters.
<i>Description 2</i>	Prints up to 23 characters.
<i>Ingredients</i>	Prints up to 875 characters.
<i>Allergens</i>	Prints up to 50 characters.
<i>Prep</i>	Prints the date in MM/DD/YY format.
<i>Must Use By</i>	Prints the date in MM/DD/YY format.
<i>Net Weight</i>	Prints up to 8 characters.
<i>Price</i>	Prints up to 7 characters: numbers 0-9, period, dollar, cents, Euro, pound, and yen signs.
<i>Store Address</i>	Prints up to 45 characters on Line 1 Prints up to 45 characters on Line 2
<i>Barcode</i>	Must enter the correct number of characters based on barcode type

Store Name

Description 1
Description 2

INGREDIENTS:
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ALLERGENS:
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PREP MM/DD/YY



MUST USE BY MM/DD/YY
Net Weight Price
STORE ADDRESS LINE 1
ADDRESS LINE 2/PHONE NUMBER

Format 11

Prints 2.2" wide x 4.0" long labels.

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Description 1</i>	Prints up to 23 characters.
<i>Description 2</i>	Prints up to 23 characters.
<i>Description 3</i>	Prints up to 23 characters.
<i>Ingredients</i>	Prints up to 875 characters.
<i>Must Use By</i>	Prints the date in MM/DD/YY format.
<i>Net Weight</i>	Prints up to 8 characters.
<i>Price</i>	Prints up to 7 characters: numbers 0-9, period, dollar, cents, Euro, pound, and yen signs.

Store Name

Description 1
Description 2
Description 3

INGREDIENTS:
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MUST USE BY MM/DD/YY
Net Weight Price

Format 12

Prints 2.2" wide x 4.0" long labels.

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Description 1</i>	Prints up to 23 characters.
<i>Description 2</i>	Prints up to 23 characters.
<i>Ingredients</i>	Prints up to 875 characters.
<i>Must Use By</i>	Prints the date in MM/DD/YY format.
<i>Net Weight</i>	Prints up to 8 characters.
<i>Price</i>	Prints up to 7 characters: numbers 0-9, period, dollar, cents, Euro, pound, and yen signs.

Store Name

Description 1

Description 2

INGREDIENTS:

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MUST USE BY MM/DD/YY

Net Weight

Price

Format 20

Prints 2.2" wide x 3.0" long labels.

Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 23 characters.
<i>Serving Size</i>	Prints up to 25 characters.
<i>Servings Per Container</i>	Prints up to 10 characters.
<i>Calories</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Fat Calories</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Total Fat (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Saturated Fat (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Trans Fat</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Cholesterol (mg & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sodium (mg & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Total Carbs (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Dietary Fiber (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sugars (g)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Protein (g)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Vitamin A (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Vitamin C (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Iron (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Calcium (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.

Description 1

Nutrition Facts

Serving Size

Servings Per Container

Amount Per Serving

Calories	Calories from Fat
	% Daily Value *

Total Fat

Saturated Fat

Trans Fat

Cholesterol

Sodium

Total Carbohydrates

Dietary Fiber

Sugar

Protein

Vitamin A

Vitamin C

Calcium

Iron

* Percent Daily Values are based on a 2,000 Calorie diet. Your Daily Values may be higher or lower depending on your calorie needs.

Format 21

Prints 2.2" wide x 4.0" long labels.

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Description 1</i>	Prints up to 23 characters.
<i>Description 2</i>	Prints up to 23 characters.
<i>Serving Size</i>	Prints up to 25 characters.
<i>Servings Per Container</i>	Prints up to 10 characters.
<i>Calories</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Fat Calories</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Total Fat (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Saturated Fat (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Trans Fat</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Cholesterol (mg & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sodium (mg & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Total Carbs (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Dietary Fiber (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sugars (g)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Protein (g)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Vitamin A (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Vitamin C (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Iron (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Calcium (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Barcode</i>	Prints a UPC-A, EAN-8, EAN-13, Code 30 Barcode.
<i>Must Use By</i>	Prints the date in MM/DD/YY format.
<i>Net Weight</i>	Prints up to 8 characters.
<i>Price</i>	Prints up to 7 characters: numbers 0-9, period, dollar, cents, Euro, pound, and yen signs.
<i>Store Address</i>	Prints up to 45 characters on Line 1 Prints up to 45 characters on Line 2
<i>Barcode</i>	Must enter the correct number of characters based on barcode type

Store Name
Description 1
Description 2

Nutrition Facts	
Serving Size	
Servings Per Container	
Amount Per Serving	
Calories	Calories from Fat % Daily Value *
Total Fat	
Saturated Fat	
Trans Fat	
Cholesterol	
Sodium	
Total Carbohydrates	
Dietary Fiber	
Sugar	
Protein	
Vitamin A *	Vitamin C
Calcium *	Iron

* Percent Daily Values are based on a 2,000 Calorie diet. Your Dail Values may be higher or lower depending on your calorie needs.



0 12345 67891 2

MUST USE BY MM/DD/YY

Net Weight Price

STORE ADDRESS LINE 1

ADDRESS LINE 2/PHONE NUMBER

Format 22

Prints 2.2" wide x 4.0" long labels.

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Description 1</i>	Prints up to 23 characters.
<i>Description 2</i>	Prints up to 23 characters.
<i>Calories</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Fat Calories</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Total Fat (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Saturated Fat (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Trans Fat</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Cholesterol (mg & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sodium (mg & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Total Carbs (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Dietary Fiber (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sugars (g)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Protein (g)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Vitamin A (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Vitamin C (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Iron (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Calcium (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Ingredients</i>	Prints up to 875 characters.
<i>Allergens</i>	Prints up to 50 characters.
<i>Barcode</i>	Prints a UPC-A, EAN-8, EAN-13, Code 30 Barcode.
<i>Must Use By</i>	Prints the date in MM/DD/YY format.
<i>Net Weight</i>	Prints up to 8 characters.
<i>Price</i>	Prints up to 7 characters: numbers 0-9, period, dollar, cents, Euro, pound, and yen signs.
<i>Store Address</i>	Prints up to 45 characters on Line 1 Prints up to 45 characters on Line 2
<i>Barcode</i>	Must enter the correct number of characters based on barcode type

Store Name
Description 1
Description 2

Nutrition Facts	
Calories	Calories from Fat % Daily Value *
Total Fat	
Saturated Fat	
Trans Fat	
Cholesterol	
Sodium	
Total Carbohydrates	
Dietary Fiber	
Sugar	
Protein	
Vitamin A *	Vitamin C
Calcium *	Iron

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MUST USE BY MM/DD/YY

Net Weight Price

STORE ADDRESS LINE 1
ADDRESS LINE 2/PHONE NUMBER

Format 23

Prints 2.2" wide x 4.0" long labels.

Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 23 characters.
<i>Serving Size</i>	Prints up to 23 characters.
<i>Servings per Container</i>	Prints up to 23 characters.
<i>Calories</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Total Fat (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Saturated Fat (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Trans Fat</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Cholesterol (mg & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sodium (mg & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Total Carbs (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Dietary Fiber (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sugars (g)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Includes Added Sugars(g)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Protein (g)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Vitamin D (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Calcium (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Iron (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Potassium (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.

Description 1 Nutrition Facts

Servings Per Container

Serving size

Amount Per Serving

Calories

% Daily Value *

Total Fat

Saturated Fat

Trans Fat

Cholesterol

Sodium

Total Carbohydrates

Dietary Fiber

Total Sugars

Includes XXg Added Sugars

Protein

Vitamin D

Calcium

Iron

Potassium

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.

Format 30

Prints 2.2" wide x 3.0" long labels.

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Description 1</i>	Prints up to 23 characters.
<i>Description 2</i>	Prints up to 23 characters.
<i>Each serving (XXg) contains</i>	Prints up to 28 characters.
<i>Energy (kJ and kcal)</i>	Prints up to 6 characters: numbers 0-9 and period only..
<i>Fat</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>of which saturates</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Carbohydrate</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>of which sugars</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Fibre</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Protein</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Salt</i>	Prints up to 6 characters: numbers 0-9 and period only.

Store Name		
Description 1		
Description 2		
Nutrition		
Typical values	100g contains	Each serving (XX g) contains
Energy	kJ	kJ
	kcal	kcal
Fat	g	g
of which saturates	g	g
Carbohydrate	g	g
of which sugars	g	g
Fibre	g	g
Protein	g	g
Salt	g	g

Format 31

Prints 2.2" wide x 4.0" long labels.

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Description 1</i>	Prints up to 23 characters.
<i>Description 2</i>	Prints up to 23 characters.
<i>Each serving (XXg) contains</i>	Prints up to 28 characters.
<i>Energy (kJ and kcal)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Fat</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>of which saturates</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Carbohydrate</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>of which sugars</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Fibre</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Protein</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Salt</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Prep</i>	Prints the date in MM/DD/YY format.
<i>Barcode</i>	Prints a UPC-A, EAN-8, EAN-13, Code 30 Barcode.
<i>Must Use By</i>	Prints the date in MM/DD/YY format.
<i>Net Weight</i>	Prints up to 8 characters.
<i>Price</i>	Prints up to 7 characters: numbers 0-9, period, dollar, cents, Euro, pound, and yen signs.
<i>Store Address</i>	Prints up to 45 characters on Line 1 Prints up to 45 characters on Line 2
<i>Barcode</i>	Must enter the correct number of characters based on barcode type

Store Name		
Description 1		
Description 2		
Nutrition		
Typical values	100g contains	Each serving (XX g) contains
Energy	kJ	kJ
	kcal	kcal
Fat	g	g
of which saturates	g	g
Carbohydrate	g	g
of which sugars	g	g
Fibre	g	g
Protein	g	g
Salt	g	g
Prep: MM/DD/YYYY		
		
MUST USE BY MM/DD/YY		
Net Weight		Price
STORE ADDRESS LINE 1		
ADDRESS LINE 2/PHONE NUMBER		

Format 32

Prints 2.2" wide x 4.0" long labels.

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Description 1</i>	Prints up to 23 characters.
<i>Description 2</i>	Prints up to 23 characters.
<i>Each serving (XXg) contains</i>	Prints up to 28 characters.
<i>Energy (kJ and kcal)</i>	Prints up to 6 characters: numbers 0-9.
<i>Fat</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>of which saturates</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Carbohydrate</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>of which sugars</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Fibre</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Protein</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Salt</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Ingredients</i>	Prints up to 875 characters.
<i>Allergens</i>	Prints up to 50 characters.
<i>Barcode</i>	Prints a UPC-A, EAN-8, EAN-13, Code 30 Barcode.
<i>Must Use By</i>	Prints the date in MM/DD/YY format.
<i>Net Weight</i>	Prints up to 8 characters.
<i>Price</i>	Prints up to 7 characters: numbers 0-9, period, dollar, cents, Euro, pound, and yen signs.
<i>Store Address</i>	Prints up to 45 characters on Line 1 Prints up to 45 characters on Line 2
<i>Barcode</i>	Must enter the correct number of characters based on barcode type

Store Name
Description 1
Description 2

Nutrition		
Typical values	100g contains	Each serving (XX g) contains
Energy	kJ	kJ
	kcal	kcal
Fat	g	g
of which saturates	g	g
Carbohydrate	g	g
of which sugars	g	g
Fibre	g	g
Protein	g	g
Salt	g	g

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MUST USE BY MM/DD/YY

Net Weight Price

STORE ADDRESS LINE 1
ADDRESS LINE 2/PHONE NUMBER

Format 40

Prints 2.2" wide x 3.0" long labels.

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Description 1</i>	Prints up to 23 characters.
<i>Description 2</i>	Prints up to 23 characters.
<i>Servings per pack</i>	Prints up to 10 characters.
<i>Serving Size</i>	Prints up to 25 characters.
<i>Energy</i>	Prints up to 6 characters: numbers 0-9 and period only..
<i>Protein</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Fat</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Saturated</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Carbohydrate</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sugars</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sodium</i>	Prints up to 6 characters: numbers 0-9 and period only.

Store Name

Description 1

Description 2

NUTRITION INFORMATION

Servings per pack

Serving Size

	Quantity per Serve	Quantity per 100g
Energy (kJ)	kJ	kJ
Protein (g)	g	g
Fat - Total (g)	g	g
-Saturated (g)	g	g
Carbohydrate - Total (g)	g	g
-Sugars (g)	g	g
Sodium (mg)	mg	mg

Format 41

Prints 2.2" wide x 4.0" long labels.

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Description 1</i>	Prints up to 23 characters.
<i>Description 2</i>	Prints up to 23 characters.
<i>Servings per pack</i>	Prints up to 10 characters.
<i>Serving Size</i>	Prints up to 25 characters.
<i>Energy (kJ)</i>	Prints up to 6 characters: numbers 0-9.
<i>Protein</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Fat</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Saturated</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Carbohydrate</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sugars</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sodium</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Prep</i>	Prints the date in MM/DD/YY format.
<i>Barcode</i>	Prints a UPC-A, EAN-8, EAN-13, Code 30 Barcode.
<i>Must Use By</i>	Prints the date in MM/DD/YY format.
<i>Net Weight</i>	Prints up to 8 characters.
<i>Price</i>	Prints up to 7 characters: numbers 0-9, period, dollar, cents, Euro, pound, and yen signs.
<i>Store Address</i>	Prints up to 45 characters on Line 1 Prints up to 45 characters on Line 2
<i>Barcode</i>	Must enter the correct number of characters based on barcode type

Store Name

Description 1

Description 2

NUTRITION INFORMATION

Servings per pack

Serving Size

	Quantity per Serve	Quantity per 100g
Energy (kJ)		
Protein (g)		
Fat - Total (g)		
-Saturated (g)		
Carbohydrate - Total (g)		
-Sugars (g)		
Sodium (mg)		

Prep: MM/DD/YYYY



MUST USE BY MM/DD/YY
 Net Weight Price
 STORE ADDRESS LINE 1
 ADDRESS LINE 2/PHONE NUMBER

Format 42

Prints 2.2" wide x 4.0" long labels.

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Description 1</i>	Prints up to 23 characters.
<i>Description 2</i>	Prints up to 23 characters.
<i>Servings per pack</i>	Prints up to 10 characters.
<i>Serving Size</i>	Prints up to 25 characters.
<i>Energy (kJ)</i>	Prints up to 6 characters: numbers 0-9.
<i>Protein</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Fat</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Saturated</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Carbohydrate</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sugars</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sodium</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Ingredients</i>	Prints up to 875 characters.
<i>Allergens</i>	Prints up to 50 characters.
<i>Barcode</i>	Prints a UPC-A, EAN-8, EAN-13, Code 30 Barcode.
<i>Must Use By</i>	Prints the date in MM/DD/YY format.
<i>Net Weight</i>	Prints up to 8 characters.
<i>Price</i>	Prints up to 7 characters: numbers 0-9, period, dollar, cents, Euro, pound, and yen signs.
<i>Store Address</i>	Prints up to 45 characters on Line 1 Prints up to 45 characters on Line 2
<i>Barcode</i>	Must enter the correct number of characters based on barcode type

Store Name

Description 1

Description 2

NUTRITION INFORMATION

Servings per pack

Serving Size

	Quantity per Serve	Quantity per 100g
Energy (kJ)		
Protein (g)		
Fat - Total (g)		
-Saturated (g)		
Carbohydrate - Total (g)		
-Sugars (g)		
Sodium (mg)		

(INGREDIENTS) Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermentumid. Lorem ipsum dolor sit amet

(ALLERGENS) Lorem ipsum dolor sit amet, consectetur



MUST USE BY MM/DD/YY
Net Weight Price
STORE ADDRESS LINE 1
ADDRESS LINE 2/PHONE NUMBER

Format 43

Prints 2.2" wide x 4.0" long labels.

Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 23 characters.
<i>Store Name</i>	Prints up to 17 characters.
<i>Store Address</i>	Prints up to 45 characters on Line 1 Prints up to 45 characters on Line 2
<i>Servings per pack</i>	Prints up to 10 characters.
<i>Serving Size</i>	Prints up to 25 characters.
<i>Energy (kJ)</i>	Prints up to 6 characters: numbers 0-9.
<i>Protein</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Fat</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Saturated</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Carbohydrate</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sugars</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sodium</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Ingredients</i>	Prints up to 875 characters.
<i>Allergens</i>	Prints up to 50 characters.
<i>Must Use By</i>	Prints the date in MM/DD/YY format.
<i>Price</i>	Prints up to 7 characters: numbers 0-9, period, dollar, cents, Euro, pound, and yen signs.

Description 1

Store Name

STORE ADDRESS LINE 1
ADDRESS LINE 2/PHONE NUMBER

NUTRITION INFORMATION

Servings per pack

Serving Size

	Quantity per Serve	Quantity per 100g
Energy (kJ)		
Protein (g)		
Fat - Total (g)		
-Saturated (g)		
Carbohydrate - Total (g)		
-Sugars (g)		
Sodium (mg)		

INGREDIENTS:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermentum. Ut ut tellus et urna finibus dictum. Vivamus non diam in urna semper eleifend. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed

ALLERGENS:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermentum. Ut ut tellus et urna finibus dictum. Vivamus non diam in urna semper eleifend. Lorem

MUST USE BY

MM/DD/YY

Price

CUSTOM LABEL FORMATS

This appendix shows how to work with custom label formats.

Contact Avery Dennison for information on creating custom label formats.

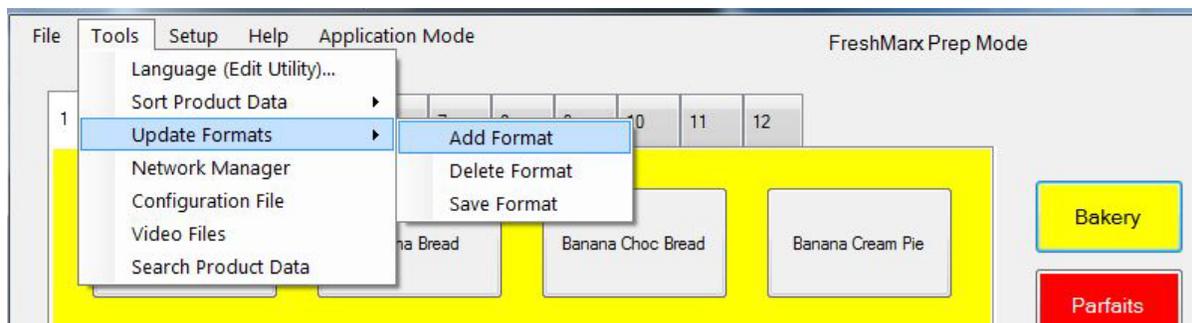
Note: Each custom format requires two files; one .LNT and one .XML. The files must have the exact same file name and must be saved in the same directory.

A custom format can include an image, such as a logo. This file needs to be stored in the directory with the custom format files (.LNT and .XML).

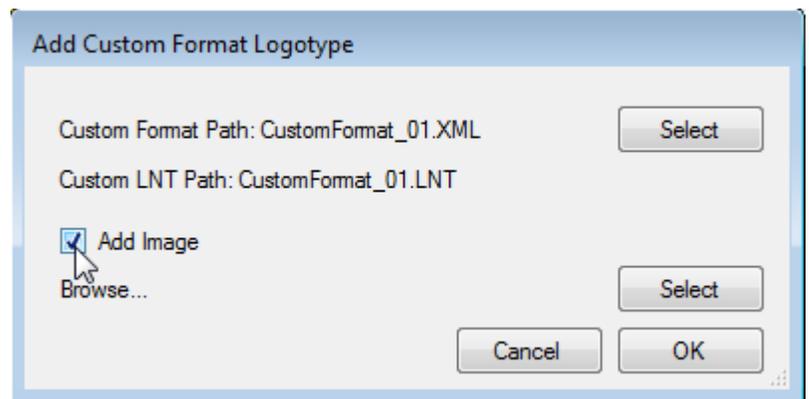
Adding a Custom Format

You can add a custom format so that it can be assigned to a Category.

1. Start the EasyEdit+ Utility.
2. Open your data file (or start a new data file).
3. Select **Tools, Update Formats, Add Format**.



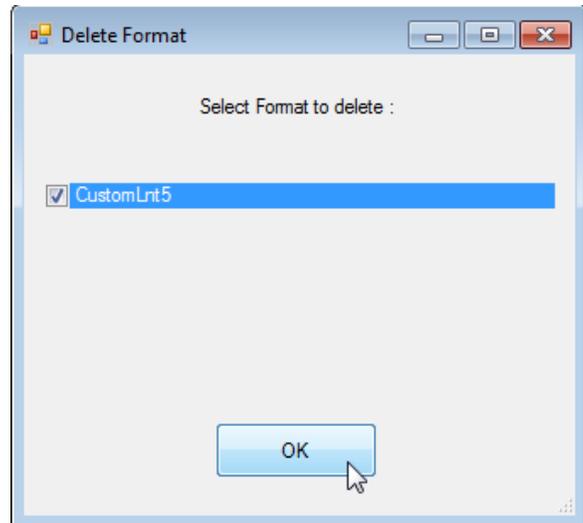
4. Navigate to the custom format file (.LNT) you want to add, then click **Open**.
5. *If your custom format includes an image, click the Add Image check box.*
6. Click **Select** to browse to the image file (.png, .jpg, .gif, .bmp.).
7. Select the image file to use then click **Open**.
8. Click **OK** to finish adding the custom format. You see a message confirming the format is added.



Deleting a Custom Format

You can delete a custom format.

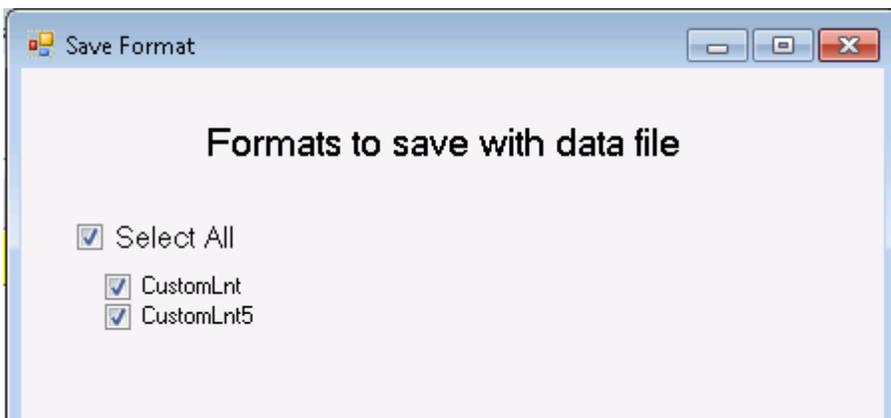
1. Start the EasyEdit+ Utility.
2. Open your data file (or start a new data file).
3. Select **Tools, Update Formats, Delete Format**.
4. Select the custom format you want to delete.
5. Click **OK**.



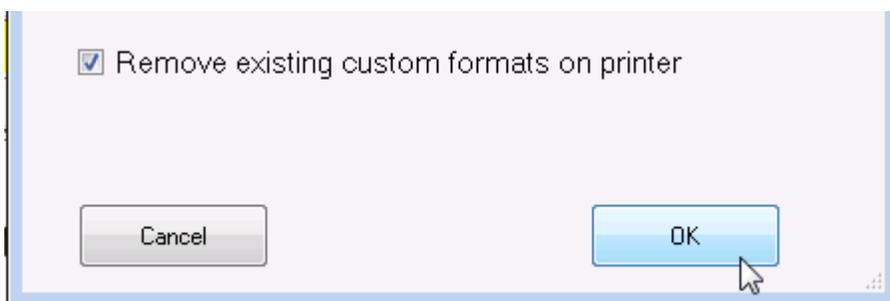
Saving a Custom Format

You can save specific custom formats with your data file.

1. Start the EasyEdit+ Utility.
2. Open your data file (or start a new data file).
3. Select **Tools, Update Formats, Save Format**.
4. Select the custom formats to save.



5. Select if you want the existing custom formats already on the printer to be removed when the new data file is loaded.



6. Click **OK**.

CREATING/EDITING A DONATE AND WASTE DATA FILE



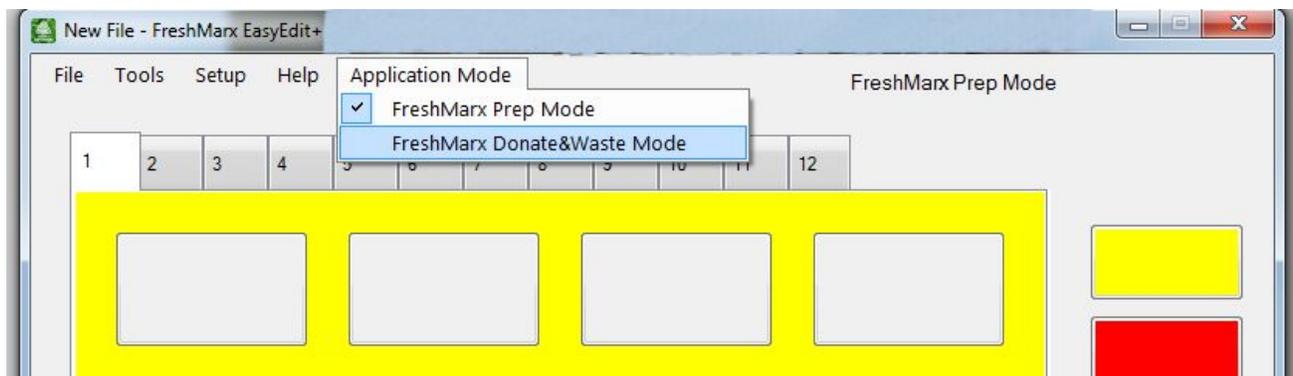
You may have purchased the additional FreshMarx Donate and Waste application, which allows you to log donated and wasted food.

The Donate and Waste application may use a weigh scale. Connect the scale to the printer's USB port before continuing.

Whenever the user presses a product button (in Donate and Waste Mode), the action is recorded as a donation or waste in the respective log file.

You can specify if labels containing use-by dates print for donated products. Labels do not print for wasted products.

Use the EasyEdit+ application (Version 5.0 or higher) to create your Donate and Waste file. This file is saved with an .FMWASTE extension. After opening EasyEdit+, select the appropriate **Application Mode**.



Donate and Waste Overview

A donate and waste file specifies

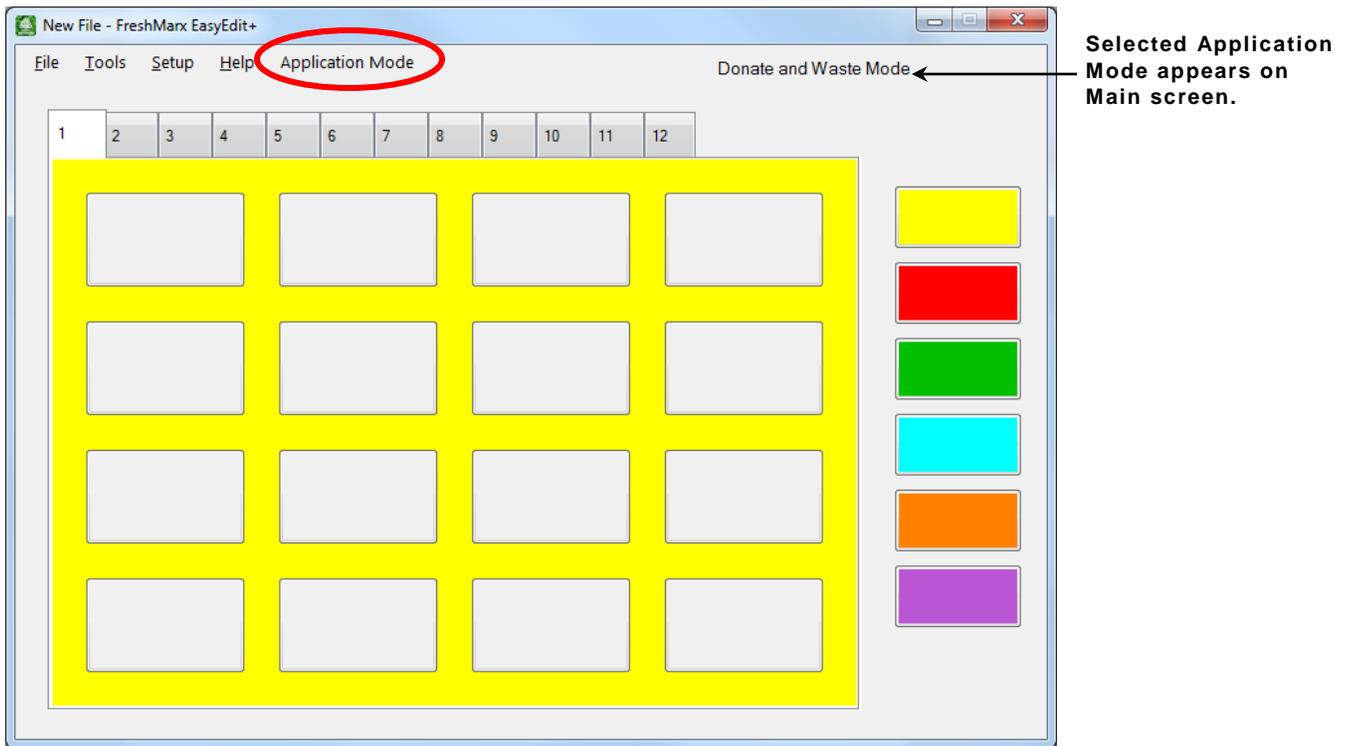
- ◆ which donation format to use. If you do not select a format, no labels print for donated products, but the donation is logged. See "[Donate Label Formats](#)" for more information. The format is selected at the **category** level.
- ◆ the unit of measure for the donated/wasted product. This is set on the **button properties** screen since it varies per product. Samples include each, pounds, grams, trays, loaves, etc.
- ◆ the reason, department, and food type for the donated/wasted product. These items are applicable to all products in the donate and waste file, so they are created in the EasyEdit+ **Setup** menu. See "[Setting up a Donate and Waste File](#)" for more information.
- ◆ recipients for donated products. This item is applicable to all products in the donate and waste file, so it is created in the EasyEdit+ **Setup** menu. See "[Setting up a Donate and Waste File](#)" for more information.

Note: Only one data file (either .Freshmarx or .FMWASTE) may be active in the printer at a time.

You can only edit the donate and waste data file by using the EasyEdit+ Utility in Donate and Waste Mode. The data file *cannot be edited on the printer*.

Starting a New Donate and Waste File

1. Start the EasyEdit+ Utility. The Main screen appears.
2. Click **File, New**. A blank data file appears.
3. Click **Application Mode** and select Freshmarx Donate & Waste Mode.



Entering a Store Address

Enter the store address that prints on several donate label formats. See "[Donate Label Formats](#)" for more information.

From *Donate and Waste Mode*:

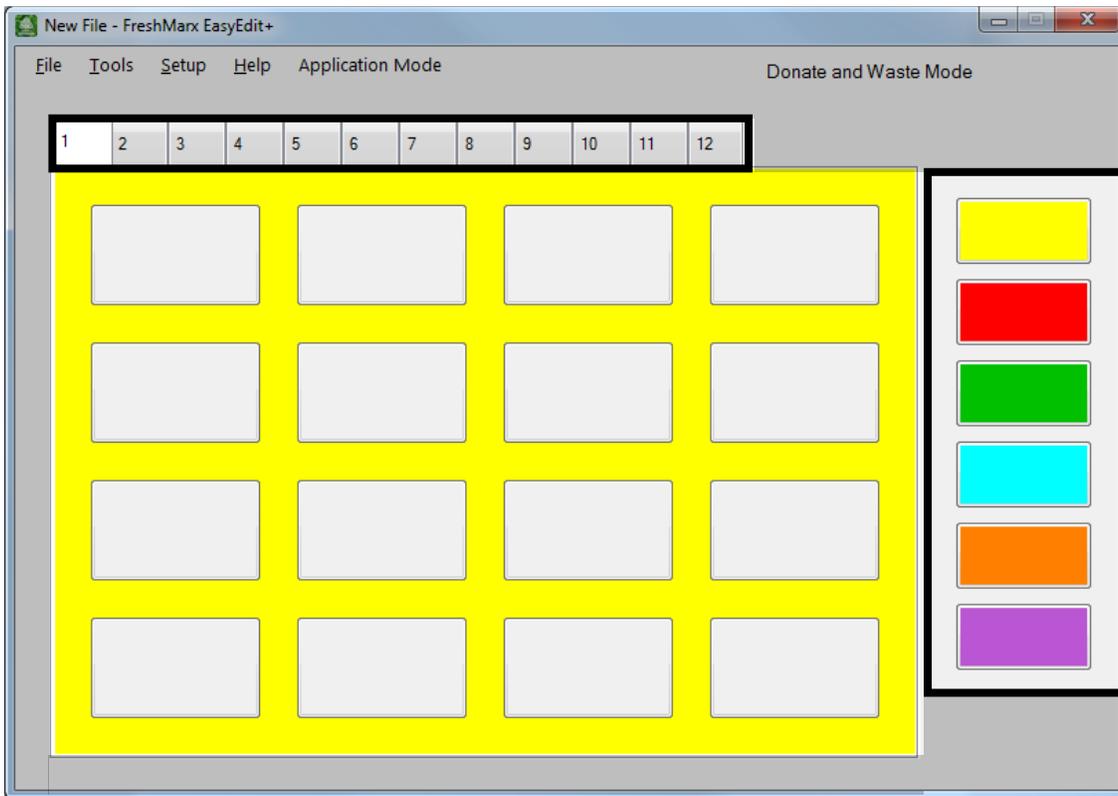
1. Click **Setup**, then **Enter Store Address**.
2. Enter the store address to print on the donate label formats.
3. Click **OK**.

Note: A *printer option* is available to override this store address with a local store address and/or phone number.

The 'Enter Store Address' dialog box has a title bar with the text 'Enter Store Address'. It contains two text input fields: 'Address Line 1' and 'Address Line 2/Phone Number'. Below the input fields are two buttons: 'OK' and 'Cancel'.

Creating Donate and Waste Category Buttons

The process to create donate and waste category buttons is the same as FreshMarx Prep categories. See "[Creating Category Buttons](#)" for more information. You can name the category buttons, assign a format per category, designate a printer, and name the tabs. There are six categories, each category is color-coded. Each category can have up to 12 tabs of 16 product buttons for a total of 1,152 items.



If you want the operator to select which printer (Left or Right) to use when a product button is pressed, assign all categories to the same format and the same printer (left or right).

If you select a format larger than the loaded labels, some information may not print.

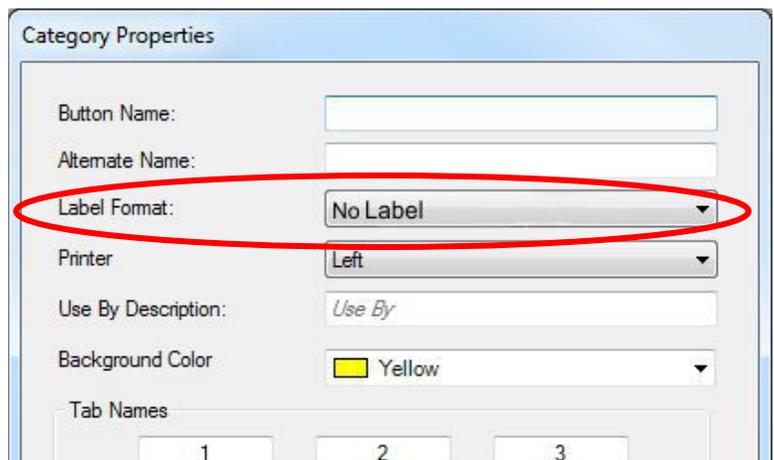
About the "No Label" Option

If you do not want to print a label for donated products, select **No Label** as the Label Format.

When a user presses a button with "No Label" assigned, no label prints, but the button is automatically logged in the appropriate log file.

There is no way to disable data logging of buttons.

See "[Donate Label Formats](#)" for the size and content of each format



Creating Donate and Waste Product Buttons

The process to create donate and waste product buttons is the same as FreshMarx Prep buttons. See "[Creating Product Buttons](#)" for more information.

- ◆ The button properties screen changes based on the donate and waste format selected.
- ◆ See "[Donate Label Formats](#)" for the size and content of each Donate format.
- ◆ The **Unit of Measure** field must be specified for each donate and waste format.
- ◆ Additional **Text Fields 1-5** are available in several Donate Label Formats. They can be used for reheating instructions or any other special notes for the donated product.
- ◆ Enter the Use By Description and Duration for the donated product.

Button Properties for "No Label" Option:

Button Properties

Button Name:

Label Data

Description 1:

Description 2:

Unit Of Measure:

Clear Fields Preview OK Cancel

Button Properties

Button Name:

Alternate Name:

Label Data

Company Name:

Description 1:

Description 2:

Description 3:

Unit Of Measure:

Allergens:

Text Field 1:

Text Field 2:

Text Field 3:

Text Field 4:

Text Field 5:

Use By

Use By Description:

Days: Hours: Minutes:

Use "End of Day" expiration mode

Barcode Data:

Clear Fields Preview OK Cancel

Sorting a Donate and Waste File

The process to sort a Donate and Waste file is the same as FreshMarx Prep files. See Chapter 4, "[Sorting the Data File](#)" for more information.

Locking buttons is **not** available for Donate and Waste products.

Tab, after Sorting

MyDonations.FMWASTE - FreshMarx EasyEdit

File Tools Setup Help Application Mode Donate and Waste Mode

1	2	3	4	5	6	7	8	9	10	11	12
Almond Pnd Cak	Banana Nut Bread	Cheese Danish	Cheeseecake								
Choc chip cookies	Chocolate Eclairs										

Bakery
Parfaits
Salads Sandwiches
Entrees
Desserts
Various

Setting up a Donate and Waste File

When processing a donation or waste, define what the operator must select including the

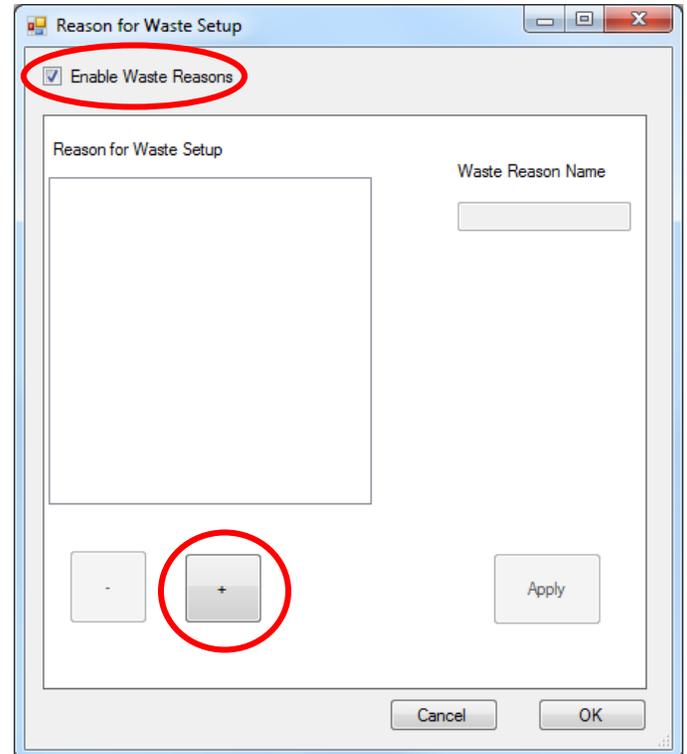
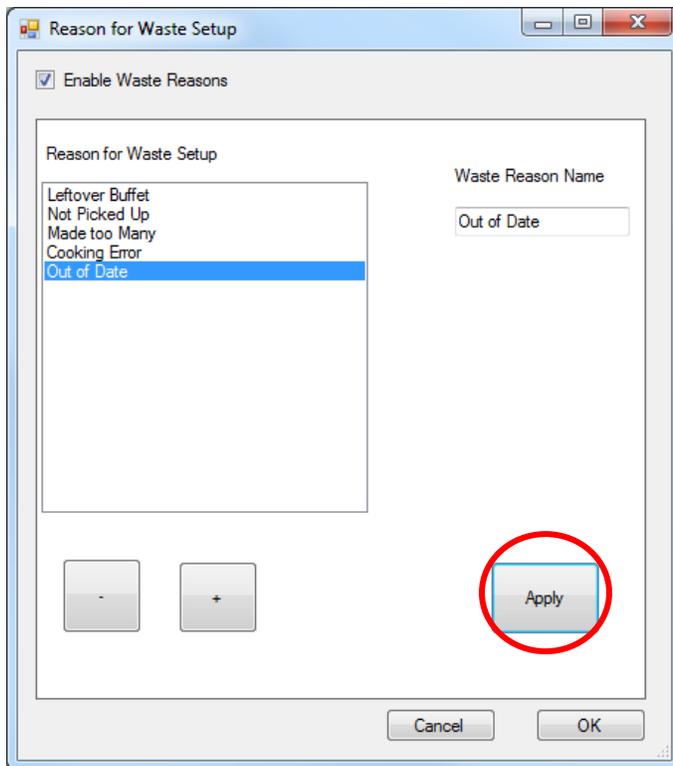
- ◆ reason, department, and/or food type of the donated/wasted food
- ◆ recipient for the donated food.

Entering the Waste Reasons

When enabled, the operator must select a Reason while processing a donation or a waste. Enter up to 24 waste reasons. The maximum number of characters for a waste reason is 30.

From *Donate and Waste Mode*:

1. Click **Setup**, then **Waste Reasons**.
2. Enable **Waste Reasons**.
3. Click the **+** button to add a waste reason.
4. Enter the Waste Reason Name.
5. Click **Apply**. The waste reason is listed in the Waste Reasons box.
6. Continue adding waste reasons.



To remove a waste reason, select the reason and click the – button to remove. Confirm the action in the pop-up message.

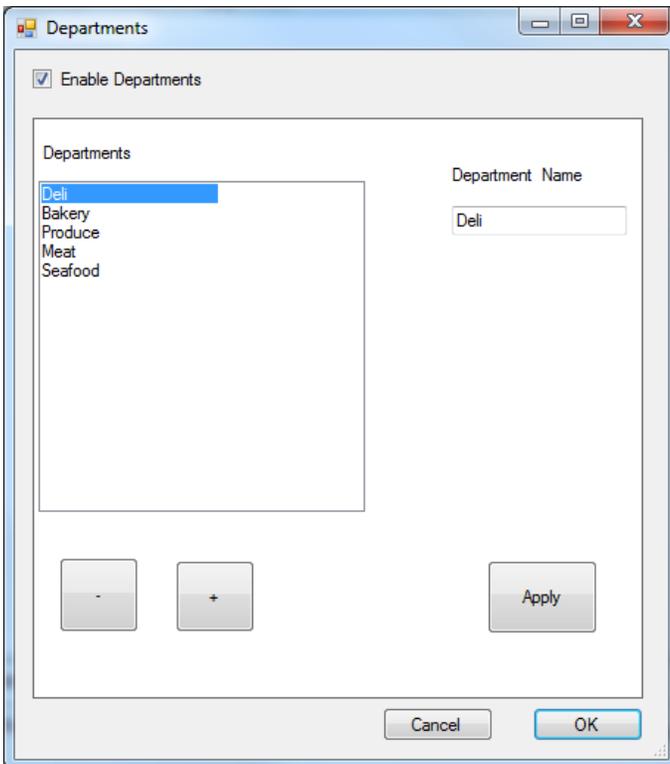
7. Click **OK** when finished.

Entering the Departments

When enabled, the operator must select a Department while processing a donation or a waste. Enter up to 24 departments. The maximum number of characters for a department is 30.

From *Donate and Waste Mode*:

1. Click **Setup**, then **Enter Departments**.
2. Enable **Departments**.
3. Click the **+** button to add a department.
4. Enter the Department Name.
5. Click **Apply**. The department is listed in the Departments box.

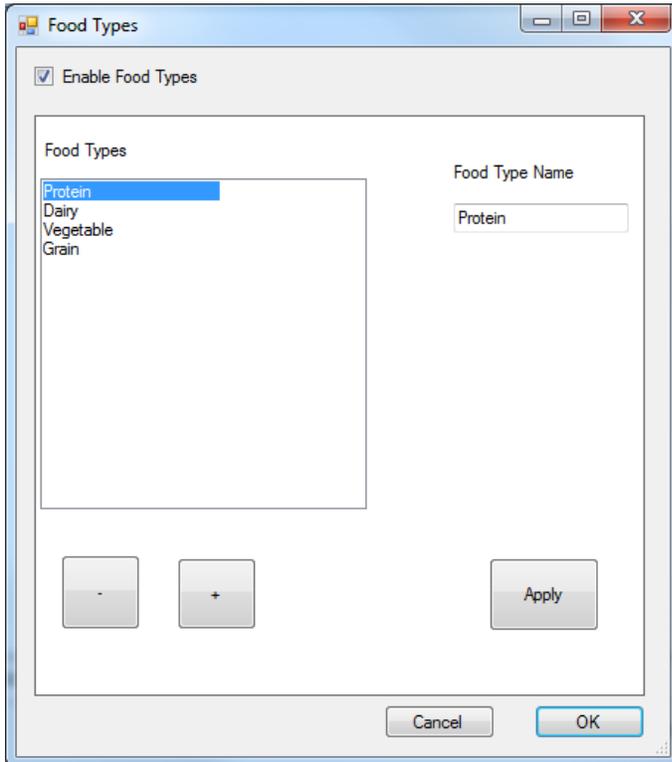


6. Continue adding departments.
To remove a department, select the department and click the – button to remove. Confirm the action in the pop-up message.
7. Click **OK** when finished.

Entering the Food Types

When enabled, the operator must select a Food Type while processing a donation or a waste. Enter up to 24 food types. The maximum number of characters for a food type is 30.

1. Click **Setup**, then **Enter Food Types**.
2. Enable **Food Types**.
3. Click the **+** button to add a food type.
4. Enter the Food Type Name.
5. Click **Apply**. The food type is listed in the Food Types box.



6. Continue adding food types.
To remove a food type, select the food type and click the – button to remove. Confirm the action in the pop-up message.
7. Click **OK** when finished.

Entering the Recipients

When enabled, the operator must select a Recipient while processing a donation. Enter up to 24 Recipients. Each recipient has two lines of data (use an address, phone number, or website, etc.). The maximum number of characters for each line is 30.

1. Click **Setup**, then **Enter Recipients**.
2. Enable **Recipients**.
3. Click the **+** button to add a recipient.
4. Enter the Recipient Name.
5. Click **Apply**. The recipient is listed in the Recipient box.

The screenshot shows a 'Recipient' dialog box with the following elements:

- Enable Recipient
- Recipient list:
 - + Local Food Pantry (selected)
 - + Local Homeless Shelter
- Recipient Name: Local Food Pantry
- Address Line 1: 25 South Central Avenu
- Address Line 2: 1-800-543-6650
- Buttons: -, +, Apply
- Footer: Cancel, OK

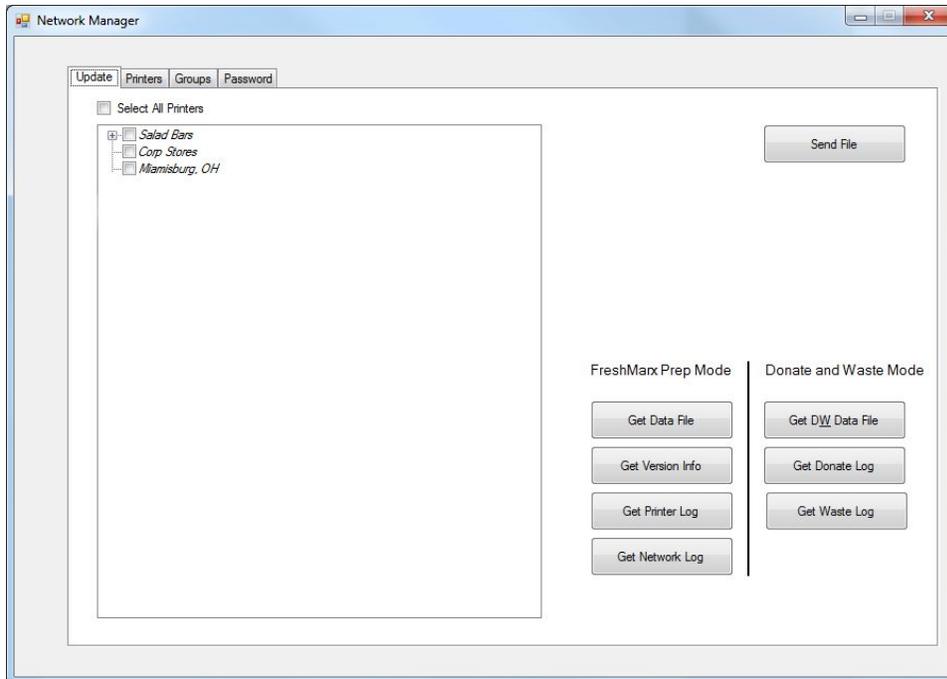
6. Continue adding recipients.
To remove a recipient, select the recipient and click the **-** button to remove. Confirm the action in the pop-up message.
7. Click **OK** when finished.

Sending a Donate and Waste Data File to the Printer

The process to send donate and waste data files to the printer is the same as sending a FreshMarx prep data file to the printer. See [“Managing Printers”](#) for more information.

Open the Network Manager (select **Tools, Network Manager**) and enter the default password: **avery1239417**. The Network Manager has four tabs; Update, Printers, Groups and Password. See [“Managing Printers”](#) for more information.

1. From the Update tab, select the printer to send a donate and waste data file.



2. Click **Send File**.
3. Navigate to the directory where the .FMWASTE file is. Select the file and click **Open**. The file is transferred to the printer. A message indicates if the printer received the file.

SFTP Push/Pull Updates

The process to push/pull SFTP updates is the same for Donate and Waste files as it is for FreshMarx Prep files. See [“Updating Printers & Files”](#) for more information.

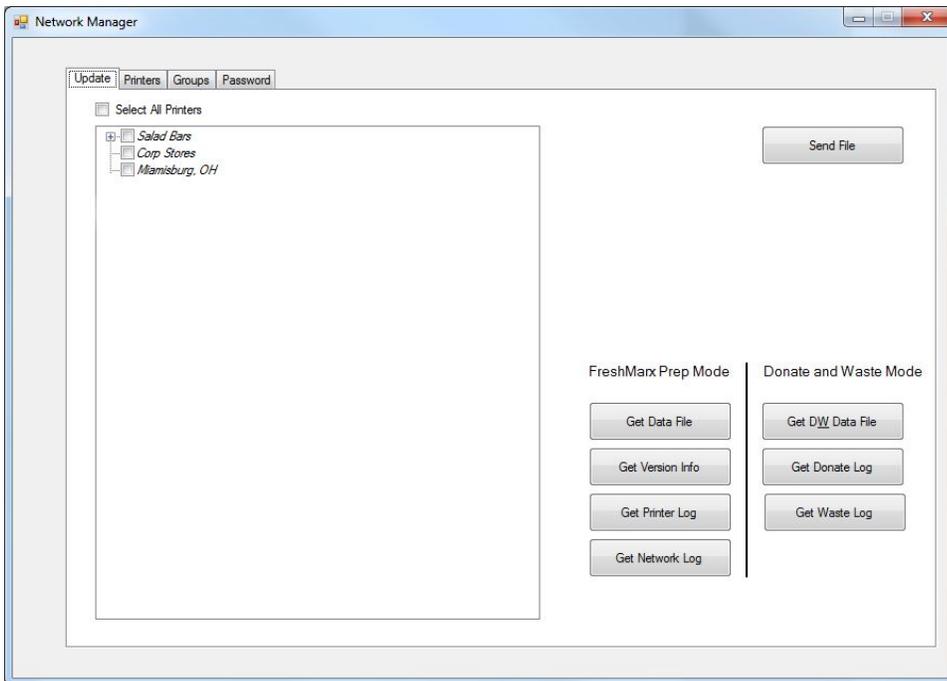
Note: Both files (.FRESHMARX and .FMWASTE) may be pushed/pulled from the server.

Getting Donate and Waste Log Files

The printer logs all buttons pressed for donations or waste. Retrieve the log from the printer. Then, use a text editor to view the log file (or open the log file in a spreadsheet program). To get FreshMarx Prep Files, see "[Getting Files from the 9417+ Printer](#)" for more information.

Open the Network Manager (select **Tools, Network Manager**) and enter the default password: **avery1239417**. The Network Manager has four tabs; Update, Printers, Groups and Password. See "[Managing Printers](#)" for more information.

1. From the Update tab, select the printer to get a donate or waste log file from.
2. Click the **Get D&W Data File**, **Get Donate Log**, or **Get Waste Log** button:



File type	Filename and contents
D&W data file	PrinterName_Data.FMWASTE Includes all defined categories, tabs, and buttons for donate and waste products.
donate log	PrinterName_Donate.log Includes all products processed for donation. The product button's name, recipient, department, food type, amount donated, and other information are included. The file has a 512K maximum. Once the maximum is reached, a new file, PrinterName_Donate.log.old is created. The .old file is overwritten each time the .log file reaches 512K.
waste log	PrinterName_Waste.log Includes all products processed as food waste. The product button's name, waste reason, department, food type, amount, and other product information are included. The file has a 512K maximum. Once the maximum is reached, a new file, PrinterName_Waste.log.old is created. The .old file is overwritten each time the .log file reaches 512K.

3. Navigate to the location you want to save the file then click **OK**.

You see a progress bar while the file transfers from the printer(s).

Sample Waste Log

2018-08-06; 15:52:52; Gr. Veggie Lasagna; Entrees; 1; 2; Tray; Protein; Meat; Not Picked Up;
2018-08-06; 15:53:06; Meatloaf; Entrees; 1; 4; Loaves; Protein; Meat; Made too Many;
2018-08-06; 15:53:15; Cabbage Rolls; Entrees; 1; 6; Each; Vegetables; Deli; Cooking Error;
2018-08-06; 15:53:56; Ice Cream Pie; Desserts; 1; 3; Each; Dairy; Pies; Made too Many;

Using the Microsoft® Excel® Template with Donate and Waste Data

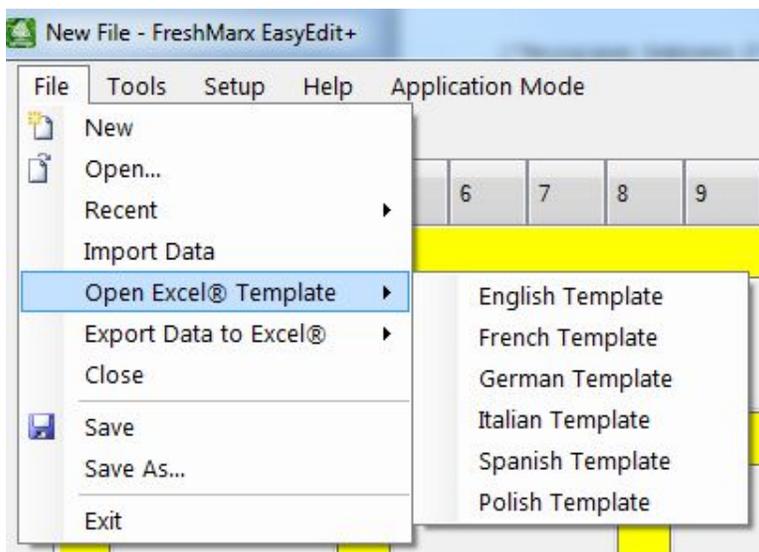
Your donate and waste product data may be entered into Microsoft® Excel® (Microsoft® Office 2007 and Microsoft® Office Standard 2010 versions), then imported into EasyEdit+.

The Excel template is installed within EasyEdit+.

Note: The Excel template version must match the installed version EasyEdit+. If you update your version of EasyEdit+, open your FreshMarx data file then select Export Data To Excel to make product data changes in Excel.

To open the Template:

1. Open the EasyEdit+ Utility.
2. Click **File, New**. A blank data file appears.
3. Click **Application Mode** and select Freshmarx Donate & Waste Mode.
4. Select **File, Open Excel Template**▶. Choose your language's template.

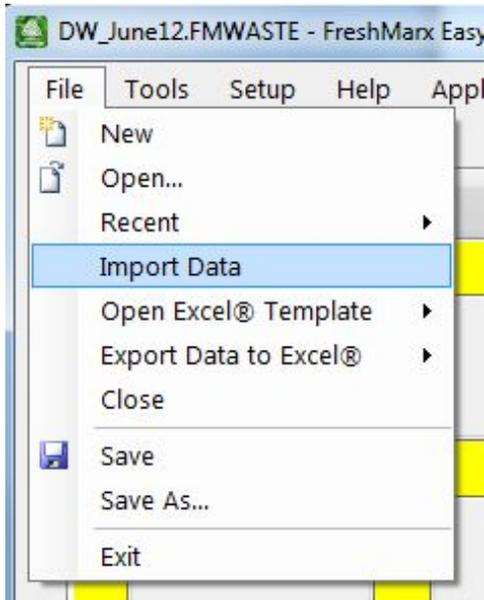


5. Navigate to the location you want to save the file. Click **Save**.
6. Excel opens the template.
7. Input your data according to the instructions within the template.
8. Save the completed template.

Importing Donate and Waste Data from the Template

Once your donate and waste product data is in the Microsoft® Excel® template, import it into the EasyEdit+ utility.

1. Open the EasyEdit+ Utility.
2. Click **File, New**. A blank data file appears.
3. Click **Application Mode** and select Freshmarx Donate & Waste Mode.
4. Select **File, Import Data**.

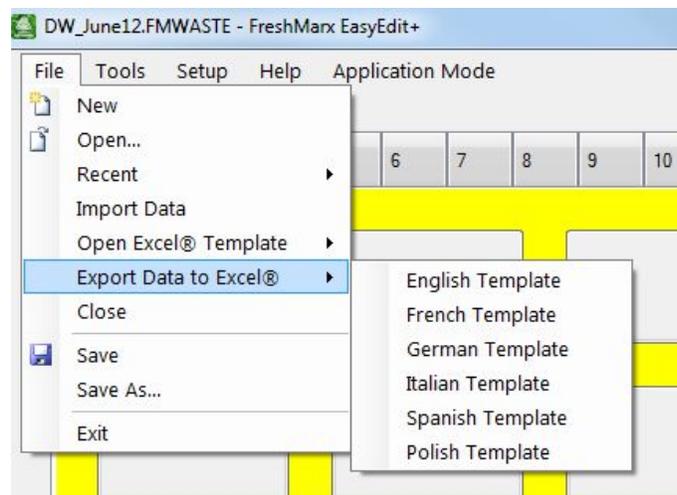


5. Browse to the completed donate and waste template.
6. Select **Open**. The donate and waste data is imported into EasyEdit+.

Exporting Data to Excel

If you prefer to edit your donate and waste data in Excel, export your existing .FMWASTE file.

1. Open the EasyEdit+ Utility.
2. Click **File, Open...**
3. Navigate to the donate and waste data file and click **Open**.
The donate and waste data file opens in Donate and Waste mode.
4. Select **File, Export Data**.
5. Choose your language's template.
6. Navigate to the location to save the file. Click **Save**.
7. Excel opens the template.
8. Edit your data according to the instructions within the template.
9. Save the completed template.



Donate Label Formats

See the following samples of each Donate label format. If the selected format is larger than the loaded supply, some information may not print.

Format 1

Prints 1.2" wide x 1.1" long labels.

Description 1
Description 2
AMOUNT
MM/DD/YY HH:MM:PM
MUST USE BY MM/DD/YY

Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 17 characters.
<i>Description 2</i>	Prints up to 17 characters.
<i>Amount</i>	Prints up to 13 characters
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.

Format 2

Prints 2.0" wide x 1.5" long labels.

Store Name
STORE ADDRESS LINE 1
ADDRESS LINE 2/PHONE NUMBER
Description 1
Description 2
AMOUNT
MM/DD/YY HH:MM:PM
MUST USE BY MM/DD/YY

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Store Address</i>	Prints up to 45 characters on Line 1 Prints up to 45 characters on Line 2
<i>Description 1</i>	Prints up to 17 characters.
<i>Description 2</i>	Prints up to 17 characters.
<i>Amount</i>	Prints up to 13 characters
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.

Format 3

Prints 2.2" wide x 3.0" long labels.

Store Name
STORE ADDRESS LINE 1
ADDRESS LINE 2/PHONE NUMBER
Description 1
Description 2
AMOUNT
MM/DD/YY HH:MM:PM
RECIPIENT NAME
Text Field 1
Text Field 2
Text Field 3
Text Field 4
Text Field 5
MUST USE BY MM/DD/YY

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Store Address</i>	Prints up to 45 characters on Line 1 Prints up to 45 characters on Line 2
<i>Description 1</i>	Prints up to 17 characters.
<i>Description 2</i>	Prints up to 17 characters.
<i>Amount</i>	Prints up to 13 characters.
<i>Recipient Name</i>	Prints up to 30 characters.
<i>Text Field 1</i>	Prints up to 28 characters.
<i>Text Field 2</i>	Prints up to 28 characters.
<i>Text Field 3</i>	Prints up to 28 characters.
<i>Text Field 4</i>	Prints up to 28 characters.
<i>Text Field 5</i>	Prints up to 28 characters.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.

Format 4

Prints 2.2" wide x 3.0" long labels.

<p>MM/DD/YY HH:MM:PM Store Name STORE ADDRESS LINE 1 ADDRESS LINE 2/PHONE NUMBER Description 1 Description 2 Description 3 Food Types AMOUNT Allergens Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus RECIPIENT NAME RECIPIENT ADDRESS LINE 1 RECIPIENT ADDRESS LINE 2 MUST USE BY MM/DD/YY emp</p>
--

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Store Address</i>	Prints up to 45 characters on Line 1 Prints up to 45 characters on Line 2
<i>Description 1</i>	Prints up to 17 characters.
<i>Description 2</i>	Prints up to 17 characters.
<i>Description 3</i>	Prints up to 17 characters.
<i>Food Types</i>	Prints up to 20 characters.
<i>Amount</i>	Prints up to 13 characters
<i>Allergens</i>	Prints up to 80 characters.
<i>Recipient Name</i>	Prints up to 30 characters.
<i>Recipient Address</i>	Prints up to 30 characters on Line 1 Prints up to 30 characters on Line 2
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Emp</i>	Employee ID must be 2-10 characters.

Format 5

Prints 2.2" wide x 3.0" long labels.

<p>MM/DD/YY HH:MM:PM Store Name STORE ADDRESS LINE 1 ADDRESS LINE 2/PHONE NUMBER Description 1 Description 2 Description 3 Food Types AMOUNT Allergens Lorem ipsum dolor sit amet, consectetur. RECIPIENT NAME RECIPIENT ADDRESS LINE 1 RECIPIENT ADDRESS LINE 2 MUST USE BY MM/DD/YY emp</p> 
--

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Store Address</i>	Prints up to 45 characters on Line 1 Prints up to 45 characters on Line 2
<i>Description 1</i>	Prints up to 17 characters.
<i>Description 2</i>	Prints up to 17 characters.
<i>Description 3</i>	Prints up to 17 characters.
<i>Food Types</i>	Prints up to 20 characters.
<i>Amount</i>	Prints up to 13 characters
<i>Allergens</i>	Prints up to 87 characters.
<i>Recipient Name</i>	Prints up to 30 characters.
<i>Recipient Address</i>	Prints up to 30 characters on Line 1 Prints up to 30 characters on Line 2
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Emp</i>	Employee ID must be 2-10 characters.
<i>Barcode</i>	Must enter the correct number of characters based on barcode type

Format 6

Prints 2.2" wide x 4.0" long labels.

MM/DD/YY HH:MM:PM
Store Name
STORE ADDRESS LINE 1
ADDRESS LINE 2/PHONE NUMBER
Description 1
Description 2
Description 3
Food Types
AMOUNT
Allergens
Lorem ipsum dolor sit amet, consectetur.
RECIPIENT NAME
RECIPIENT ADDRESS LINE 1
RECIPIENT ADDRESS LINE 2
Text Field 1
Text Field 2
Text Field 3
Text Field 4
Text Field 5
MUST USE BY MM/DD/YY emp


Enter the following information for each field:

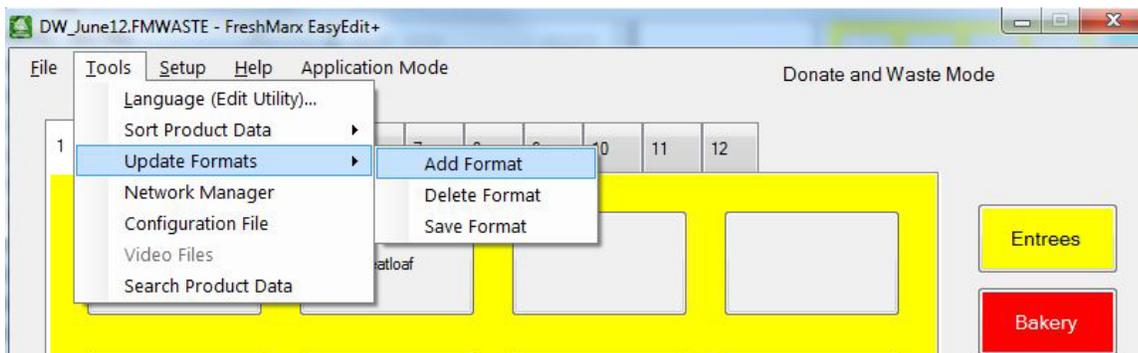
Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Store Address</i>	Prints up to 45 characters on Line 1 Prints up to 45 characters on Line 2
<i>Description 1</i>	Prints up to 17 characters.
<i>Description 2</i>	Prints up to 17 characters.
<i>Description 3</i>	Prints up to 17 characters.
<i>Food Types</i>	Prints up to 20 characters.
<i>Amount</i>	Prints up to 13 characters
<i>Allergens</i>	Prints up to 82 characters.
<i>Recipient Name</i>	Prints up to 30 characters.
<i>Recipient Address</i>	Prints up to 30 characters on Line 1 Prints up to 30 characters on Line 2
<i>Text Field 1</i>	Prints up to 28 characters.
<i>Text Field 2</i>	Prints up to 28 characters.
<i>Text Field 3</i>	Prints up to 28 characters.
<i>Text Field 4</i>	Prints up to 28 characters.
<i>Text Field 5</i>	Prints up to 28 characters.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Emp</i>	Employee ID must be 2-10 characters.
<i>Barcode</i>	Must enter the correct number of characters based on barcode type

Adding Custom Donate Formats

The process to add a custom donate format is the same as FreshMarx Prep adding a custom format. See Appendix B, "[Custom Label Formats](#)" for more information. Add a custom donate format and then assign it to a Category.

You must be in the Donate and Waste Mode to add a donate format:

1. Start the EasyEdit+ Utility.
2. Open your data file (or start a new data file).
3. Click **Application Mode** and select Freshmarx Donate & Waste Mode.
4. Select **Tools, Update Formats, Add Format**.



5. See "[Adding a Custom Format](#)" for more information.

Developer Information for Custom Donate and Waste XML File

Contact Avery Dennison for information on creating custom label formats. The XML file links product data fields and LNT fields into the printer's print and edit functions (EasyEdit+ and/or Edit Mode on the printer). The XML file contains database field names, edit prompts, and the LNT filename. For custom Donate and Waste files, the **type** must be set to "CustomDonateWaste" as shown below:

```
type="CustomDonateWaste"
```

USING THE FRESHMARX NUTRITION APPLICATION



The FreshMarx Nutrition application must be purchased separately. The FreshMarx Nutrition application imports some nutritional and allergen information from the Genesis R&D® Food Development and Labeling software by ESHA Research (herein after referred to as Genesis R&D). You must install the Genesis R&D software, Genesis R&D® API, and the FreshMarx EasyEdit+ Utility (Version 5.0 or higher). The Genesis R&D software may be installed

- ◆ on a local host (either non-secured or secured)
- ◆ on a server (not local) either non-secured or secured. A server installation requires server/client side authentications and certificate configuration.

Currently, *the FreshMarx Nutrition application is only for the United States of America.*

Genesis R&D software is a third-party software package not developed by Avery Dennison. Refer to Genesis R&D's Web site at: <https://www.esh.com/> for more information.

Note: You are responsible for entering and validating the nutritional and allergen information in the Genesis R&D® software.

This appendix is divided in two sections:

- 1) [Creating a Recipe in Genesis R&D Software](#)
- 2) [Using Nutritional Information from Genesis R&D Software in EasyEdit+](#)

Nutrition Labeling Overview

The Genesis R&D software works with Avery Dennison's standard formats: 10, 11, 12, 20, 21, 22, and 23. See Appendix A, "[Standard Label Formats](#)," for more information.

Format Number	NLEA Regulation
10	U.S. 1990
11	U.S. 1990
12	U.S. 1990
20	U.S. 1990
21	U.S. 1990
22	U.S. 1990
23	U.S. 2016



The Genesis R&D software Regulation default is U.S. 2016 NLEA when you create a recipe. The FDA changed some rules and calculations for the U.S. 2016 Regulations; choosing the wrong setting for your format results in inaccurate values on your labels.

See "[Changing the Regulation Setting](#)" to use the correct regulation for your labels. The Genesis R&D software remembers the last Regulation selection. For example, if you changed the setting to U.S. 1990 NLEA using Format 10, you must change it to U.S. 2016 NLEA to create a recipe using Format 23. To change the regulation for a particular recipe, see "[Changing the Regulation Setting for a Recipe](#)."

Genesis R&D Tips

Any screen shots showing Genesis R&D software are for *reference only* and may not match your installed version.

This section provides some tips when creating recipes in Genesis R&D.

- ◆ Add an alternate name for an ingredient to simplify the ingredient list.
- ◆ Change the ingredient list to upper-case characters.
- ◆ Include servings per container.

Adding an Alternate Name to an Existing Recipe

Adding an Alternate Name for an ingredient simplifies a recipe.

1. Open the Genesis R&D software.
2. Select **Open, Recipe**. Find the recipe you need. Click **Select**.
3. Click the **Ingredient Statement** tab.
4. Double-click the ingredient's name to modify.
5. Enter the **Alternate Name**.
6. Click **OK**.
7. Click **OK**.
8. Save the recipe.

For example, the Alternate Name, Seedless Grapes, appears in recipes instead of the longer *Item Name* - grapes, seedless, fresh, Thompson.

The screenshot shows the Genesis R&D software interface. The top ribbon includes tabs for FILE, HOME, EDIT, VIEW, DATABASE, RECIPE, and REPORTS. The RECIPE tab is active, and the 'Ingredient Alternate Name' icon is circled in red. Below the ribbon, the 'Recipe: SAMPLE, Fruit Salad' is open. The 'Ingredient Statement' dialog box is displayed, showing a table of recipe items. The 'Alternate Name' column is highlighted in green for the selected item, 'grapes, seedless, fresh, thompson'. The 'Edit Ingredient Statement' dialog box is also open, showing the 'Alternate Name' field with 'Seedless Grapes' entered. The 'Ingredient Statement' dialog box also shows a table of ingredients by percent weight.

Item Name	% Weight	Alternate Name	Alternate Text	French Name
banana, fresh, medium, 7" to 7 7/8"	12.11			
grapes, seedless, fresh, thompson	15.50			
apple, fresh, small, 2 3/4"	15.29			
walnuts, english, dried, chopped	6.00			

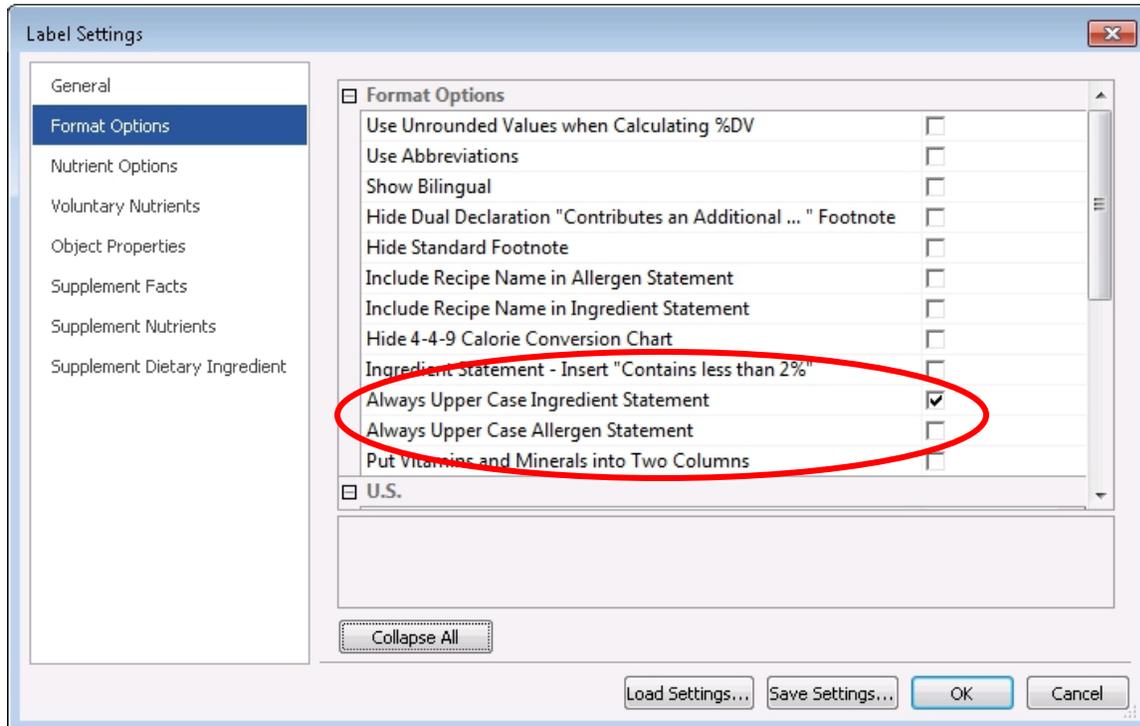
Percentage	Ingredient
25.45	pears, canned, halves, in juice
15.80	peaches, fresh, sliced

Changing the Ingredient or Allergens List to Upper-Case

Ingredients may have been entered upper-case, lower-case, or a mix of upper and lower-case characters. Upper-case characters take up more space than lower-case letters. Make sure your selected format has a large ingredient field if you want to see ingredients in all upper-case characters.

To print ingredients in all upper-case characters:

1. From the Genesis R&D software, select **Open, Recipe**.
2. Click **Edit Label** from **Recipe** tab.
3. Select **Format Options**.
4. Enable *Always Upper Case Ingredient Statement*.
Enable *Always Upper Case Allergen Statement* if desired.



5. Click **OK** when finished.

Note: Only changes the current recipe you are working on.

6. Save the recipe.

Including Servings per Container

Does your label need to print the amount of servings per container? Enter the *servings per container* value using one of these methods:

- ◆ Enter the value for *Servings per container* in Genesis R&D. It will be imported into EasyEdit+.
- ◆ Enter the value for *Servings per container* in EasyEdit+. See "[Creating Product Buttons](#)" for more information.

1. From the Genesis R&D software, select **Open, Recipe**.
2. Click **Edit Label** from **Recipe** tab. Select the **General** tab.
3. Expand the **Servings Per Container** node:

Spring Salad Nutrition Facts	
8 Servings Per Container	
Serving size	2/3 cup (55g)
Amount Per Serving	230
Calories	
* % Daily Value *	
Total Fat 8g	10%
Saturated Fat 1g	5%
Trans Fat 0g	
Cholesterol 0mg	0%
Sodium 160mg	7%
Total Carbohydrates 37g	13%
Dietary Fiber 4g	14%
Total Sugars 12g	
Includes 10g Added Sugars	20%
Protein 3g	
Vitamin D 2mcg	10%
Calcium 260mg	20%
Iron 8mg	45%
Potassium 235mg	6%

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.

Label Settings

General

Format Options

Nutrient Options

Voluntary Nutrients

Object Properties

Supplement Facts

Supplement Nutrients

Supplement Dietary Ingredient

General

Regulation U.S.

Category Nutrition Facts (2016)

Label Adult (Standard Nutrition Facts Panel)

Style Standard/Vertical

Format Full

Footnote Bottom

Serving Size 1 cup

Servings Per Container

Alternate Heading

U.S.

Display 'Serving Size' as Serving size

Display 'Servings Per Container' as Servings per container

Language Order

General

Expand All

Load Settings... Save Settings... OK Cancel

4. Click **English** and enter the values for Servings Per Container.

Nutrient Options

Voluntary Nutrients

Object Properties

Supplement Facts

Supplement Nutrients

Supplement Dietary Ingredient

Label Adult (Standard Nutrition Facts Panel)

Style Standard/Vertical

Format Full

Footnote Bottom

Serving Size

Servings Per Container

English 8

French

Spanish

Hide Servings Per Container

Alternate Heading

English

Servings per Container Footnote, in English, to display on the Label.

Expand All

Load Settings... Save Settings... OK Cancel

5. Click **OK**.
6. Save the recipe.

Creating a Recipe with Genesis R&D® Software

Use Genesis R&D to create your recipe. Currently, *the FreshMarx Nutrition application is only for the United States of America.*

Any screen shots showing Genesis R&D software are for *reference only* and may not match your installed version.

1. Open the Genesis R&D software.
2. Select **New, Recipe**.
3. Enter the recipe's **Name**.
4. Enter a **User Code** for the recipe. The User Code must be defined in Genesis R&D to be imported/linked to the FreshMarx EasyEdit+ Prep Utility.
*Each recipe must have a **UNIQUE** User Code.*

Recipe Information

Recipe

Nutrients

Measures

Brix Calculation

Cost

Groups

Compare To

Preparation Method

Nutrient Content Claims

Notes

HACCP

Attachments

*Name: Lemon Bars (MA)

Serving Size:

A recipe makes 16 Servings.

A serving weighs 70.0463 Gram

A serving is Select Measure

Optional

Common Name:

User Code: LemonBars

Product: Select...

Supplier: Select...

Created: 05/17/2018

Modified: 10/19/2018

OK Cancel

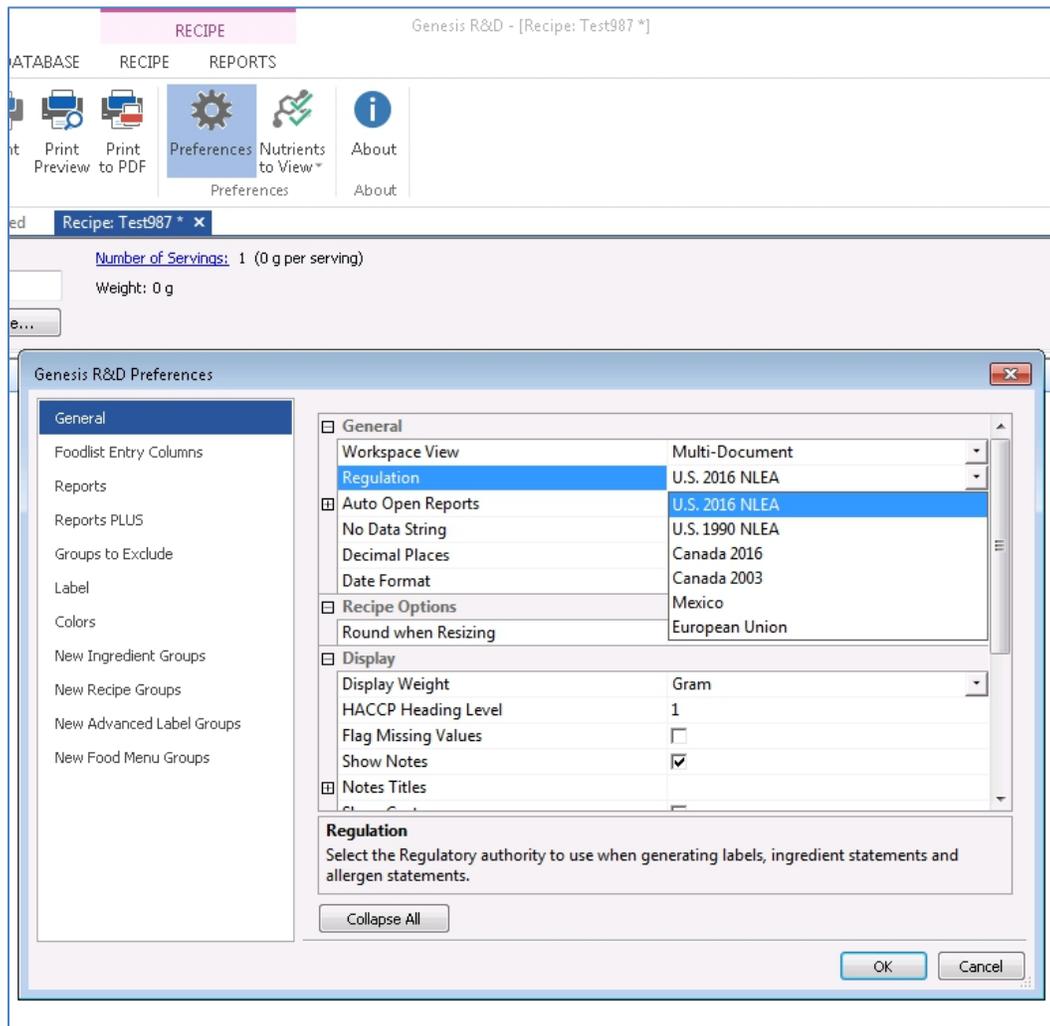
5. Click **OK**.
6. Add ingredients and allergy information to the recipe.
Note: You are responsible for entering and validating the nutritional and allergen information in the Genesis R&D® software.
7. Save the recipe.
8. Continue adding recipes as necessary.
Assign each recipe a **UNIQUE** User Code.
9. Save the recipes.

Changing the Regulation Setting

The Genesis R&D software Regulation default is U.S. 2016 NLEA when you create a recipe. The FDA changed some rules and calculations for the U.S. 2016 Regulations; choosing the wrong setting for your format results in inaccurate values on your labels. The Genesis R&D software remembers the last Regulation selection. For example, if you changed the setting to U.S. 1990 NLEA using Format 10, you must change it to U.S. 2016 NLEA to create a recipe using Format 23.

To change the regulation setting:

1. Open the Genesis R&D software.
2. Select **Preferences, General** from the **Home** tab.



3. Select the **Regulation** drop-down. Select the Regulation you need. For our standard formats (10, 11, 12, 20, 21, and 22), select U.S. 1990 NLEA. For our standard format 23, select U.S. 2016 NLEA.
4. Click **OK** to save the setting. The Genesis R&D software remembers the last Regulation selection and uses it for any new recipes.

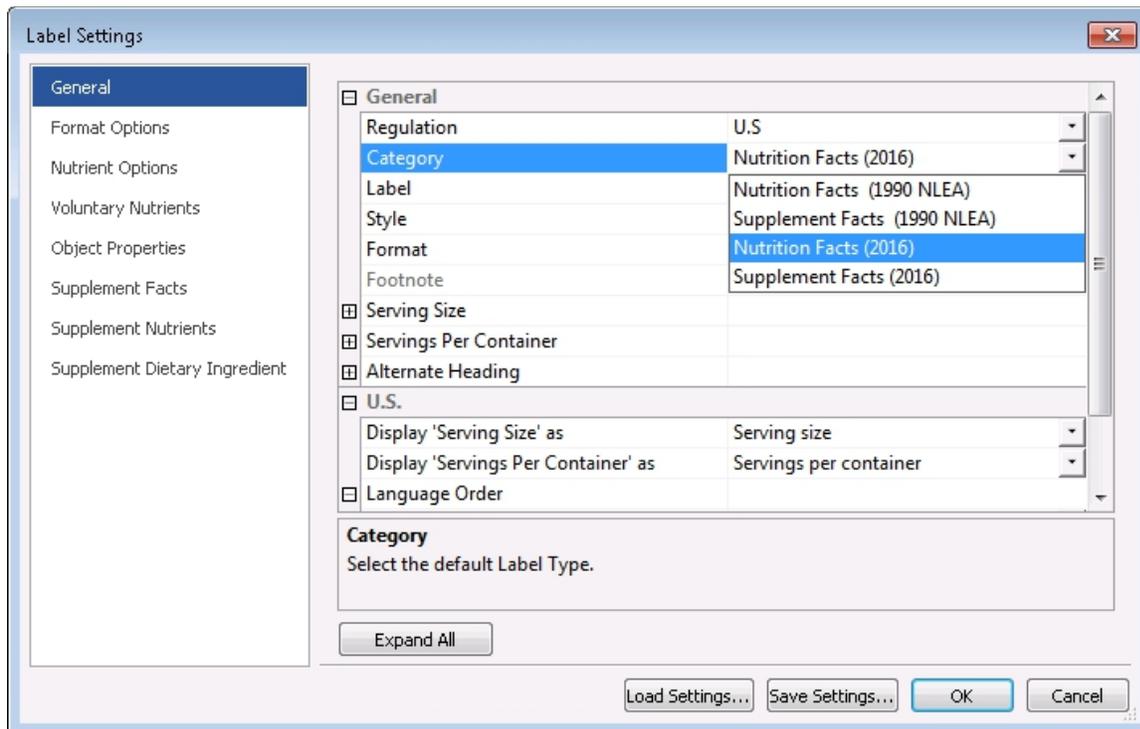
Changing the Regulation Setting for a Recipe

The Genesis R&D software Regulation default is U.S. 2016 NLEA when you first create a recipe; however, the software remembers the last Regulation selection.

To change the regulation setting for a particular recipe after the recipe is created:

Open the recipe to change.

1. From the Genesis R&D software, select **Open, Recipe**.
2. Click **Edit Label** from the **Recipe** tab. Select the **General** tab.
3. Select the correct **Category** from the drop-down list.



4. Click **OK**.
5. Save the recipe. The Regulation, Category setting is saved *only* for this particular recipe.

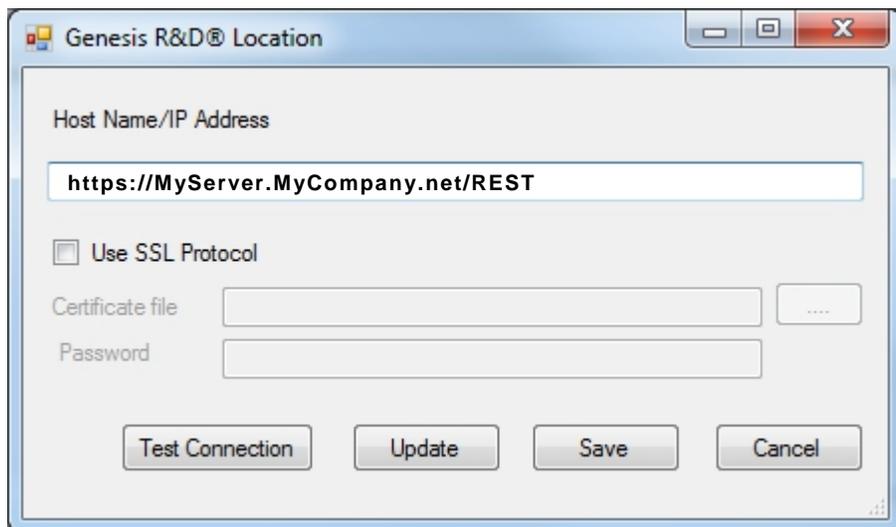
Using Nutritional Information from Genesis R&D Software in EasyEdit+

When your recipes are complete, create a data file in EasyEdit+ that includes the recipes. Decide which nutrition, ingredient, and allergen labels to use. The Genesis R&D software works with Avery Dennison's standard formats: 10, 11, 12, 20, 21, 22, and 23. See Appendix A, "[Standard Label Formats](#)," for more information.

Specifying the Genesis R&D Location

Specify the location/server name and IP Address for the Genesis R&D database.

1. Open EasyEdit+.
2. Open or start a new data file to include nutritional information.
3. Select **Update Nutrition Information** from the Tools menu.
4. Enter the **Host Name** and **IP Address** for the Genesis R&D software's location from the installation process (locally or on a server).



Follow the format below for Host Name and IP Address:

For non-secured:

Syntax `http://HostName:portnumber/REST`

HostName The server's name or localhost.

portnumber The Genesis API Web site *Port* configured in Internet Information Services (IIS) Manager during the installation process. The default is 80, but in most cases, this must be modified because port 80 may already be in use.

`/REST` Must be included.

Example `http://localhost:8080/REST`

For secured:

Syntax `https://HostName:portnumber/REST`

HostName The server's name or localhost.

portnumber The Genesis API Web site *Port* configured in Internet Information Services (IIS) Manager during the installation process. The default is 443, but in most cases, this must be modified because port 443 may already be in use.

/REST Must be included.

Example `https://MyHostServer:475/REST`

5. If using SSL Protocol, enable it and enter the appropriate certificate information.
6. Click **Save**.

Connectivity Troubleshooting

For Genesis R&D Software troubleshooting information, refer to their Support Web site:

<https://esha.zendesk.com/hc/en-us>

Description	Action
Click Test Connection . The following message appears: <i>"IP Address/Host Name name error. Unable to connect to the remote server. Response status Connect Failure."</i>	<ul style="list-style-type: none">◆ Make sure the IP address or host name is entered correctly.◆ Make sure the <i>Port</i> number specified matches the Genesis API Web site <i>Port</i> configured in Internet Information Services (IIS) Manager during the installation process.

Contact Avery Dennison's Technical Support if you receive a message that is not listed.

Linking Nutritional Information to Product Buttons

Nutritional information from Genesis R&D is imported to EasyEdit+ Utility Version 5.0 or higher. Currently, *the FreshMarx Nutrition application is only for the United States of America.*

Importing nutritional information is only available in the following standard formats: 10, 11, 12, 20, 21, 22, and 23. See Appendix A, "[Standard Label Formats](#)," for more information.

If you use a custom format, only custom formats using the same names as our nutritional information will work. Check with your Avery Representative for more information.

1. Start the FreshMarx EasyEdit+ Utility.
2. Open your product data file or create a new one.
3. Click the product button to link the recipe's nutritional information.
4. Enter the Genesis R&D User Code exactly as it appears in Genesis R&D.

The screenshot shows the 'Button Properties' dialog box. The 'Button Name' field contains 'Lemon Bars'. The 'Genesis R&D User Code' field also contains 'LemonBars' and is circled in red. To the right of this field is a button with a downward arrow icon, labeled 'Import Nutritional Information'. Below these fields are 'Label Data' options (B, I, U), a 'Description 1' field with 'Lemon Bars', and 'Nutrition' fields for 'Serving Size' (56g), 'Servings Per Container', 'Calories' (260), and 'Calories from Fat' (120).

5. Click **Import Nutritional Information**. The nutritional information is added using the calculated data from Genesis R&D.
6. Finish entering the information on the Button Properties screen and click **OK**.



Fields such as Button Name, Description, and Net Weight are **not imported** from Genesis R&D. See "[EasyEdit+ Fields Imported from Genesis R&D Software](#)" for more information.

7. Continue adding/updating product buttons as necessary.
8. Save your product data file.

Linking Nutritional Information Troubleshooting

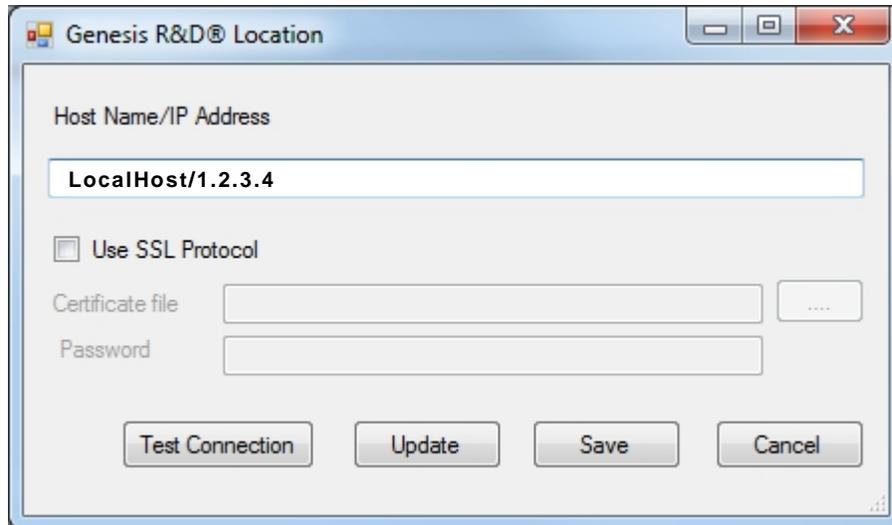
Contact Technical Support if you receive a message that is not listed.

Description/Message	Action
<p>Click Import Nutritional Information or Update Nutrition Information. The following message appears:</p> <p><i>"The remote server returned an error: (404) Not Found. Response status Protocol Error."</i></p>	<p>The entered Genesis R&D User Code specified for an item does not match any of the items in the Genesis database. Check the User Code entered in the Genesis R&D software. See "Creating a Recipe with Genesis R&D Software," for more information.</p>

What Happens When My Recipes Change?

Whenever nutritional or allergen changes are made (and saved) to recipes in the Genesis R&D software, EasyEdit+ can update the nutritional information in your product data file.

1. Open EasyEdit+.
2. Open the product data file containing the changed recipes.
3. Select **Update Nutrition Information** from the Tools menu.



4. Enter the **Host Name** and **IP Address** for the Genesis R&D software's location from the installation process (locally or on a server). See "[Specifying the Genesis R&D Location](#)" for more information.
5. If using SSL Protocol, enable it and enter the appropriate certificate information.
6. Click **Update**. Any buttons linked to recipes are automatically updated with the changes made in Genesis R&D.
7. In EasyEdit+, save your product data file and send it to your printer.

EasyEdit+ Fields Imported from Genesis R&D Software

See the following list of fields that are imported into EasyEdit+ from Genesis R&D software. See Appendix A, "[Standard Label Formats](#)" to see a sample of each format.

Format 10

Prints 2.2" wide x 4.0" long labels for ingredients/allergens.

Field	Imported from FM Nutrition?
<i>Store Name</i>	No – must enter in EasyEdit+.
<i>Description 1</i>	No – must enter in EasyEdit+.
<i>Description 2</i>	No – must enter in EasyEdit+.
<i>Ingredients</i>	YES
<i>Allergens</i>	YES
<i>Prep</i>	System generated.
<i>Must Use By</i>	System calculated.
<i>Net Weight</i>	No – must enter in EasyEdit+.
<i>Price</i>	No – must enter in EasyEdit+.
<i>Store Address</i>	No – must enter in EasyEdit+.
<i>Barcode</i>	No – must enter in EasyEdit+.

Format 11

Prints 2.2" wide x 4.0" long labels for ingredients/allergens.

Field	Imported from FM Nutrition?
<i>Store Name</i>	No – must enter in EasyEdit+.
<i>Description 1</i>	No – must enter in EasyEdit+.
<i>Description 2</i>	No – must enter in EasyEdit+.
<i>Description 3</i>	No – must enter in EasyEdit+.
<i>Ingredients</i>	YES
<i>Must Use By</i>	System calculated.
<i>Net Weight</i>	No – must enter in EasyEdit+.
<i>Price</i>	No – must enter in EasyEdit+.

Format 12

Prints 2.2" wide x 4.0" long labels for ingredients/allergens.

Field	Imported from FM Nutrition?
<i>Store Name</i>	No – must enter in EasyEdit+.
<i>Description 1</i>	No – must enter in EasyEdit+.
<i>Description 2</i>	No – must enter in EasyEdit+.
<i>Ingredients</i>	YES
<i>Must Use By</i>	System calculated.
<i>Net Weight</i>	No – must enter in EasyEdit+.
<i>Price</i>	No – must enter in EasyEdit+.

Format 20

Prints 2.2" wide x 3.0" long nutritional labels

Field	Imported from FM Nutrition?
<i>Description 1</i>	No – must enter in EasyEdit+.
<i>Serving Size</i>	YES
<i>Servings Per Container</i>	No – must enter in EasyEdit+.
<i>Calories</i>	YES
<i>Fat Calories</i>	YES
<i>Total Fat (g & %)</i>	YES
<i>Saturated Fat (g & %)</i>	YES
<i>Trans Fat</i>	YES
<i>Cholesterol (mg & %)</i>	YES
<i>Sodium (mg & %)</i>	YES
<i>Total Carbs (g & %)</i>	YES
<i>Dietary Fiber (g & %)</i>	YES
<i>Sugars (g)</i>	YES
<i>Protein (g)</i>	YES
<i>Vitamin A (%)</i>	YES
<i>Vitamin C (%)</i>	YES
<i>Iron (%)</i>	YES
<i>Calcium (%)</i>	YES

Format 21

Prints 2.2" wide x 4.0" long nutritional labels.

Field	Imported from FM Nutrition?
<i>Store Name</i>	No – must enter in EasyEdit+.
<i>Description 1</i>	No – must enter in EasyEdit+.
<i>Description 2</i>	No – must enter in EasyEdit+.
<i>Serving Size</i>	YES
<i>Servings Per Container</i>	No – must enter in EasyEdit+.
<i>Calories</i>	YES
<i>Fat Calories</i>	YES
<i>Total Fat (g & %)</i>	YES
<i>Saturated Fat (g & %)</i>	YES
<i>Trans Fat</i>	YES
<i>Cholesterol (mg & %)</i>	YES
<i>Sodium (mg & %)</i>	YES
<i>Total Carbs (g & %)</i>	YES
<i>Dietary Fiber (g & %)</i>	YES
<i>Sugars (g)</i>	YES
<i>Protein (g)</i>	YES
<i>Vitamin A (%)</i>	YES
<i>Vitamin C (%)</i>	YES
<i>Iron (%)</i>	YES
<i>Calcium (%)</i>	YES
<i>Barcode</i>	No – must enter in EasyEdit+.
<i>Must Use By</i>	System calculated.
<i>Net Weight</i>	No – must enter in EasyEdit+.
<i>Price</i>	No – must enter in EasyEdit+.
<i>Store Address</i>	No – must enter in EasyEdit+.
<i>Barcode</i>	No – must enter in EasyEdit+.

Format 22

Prints 2.2" wide x 4.0" long nutritional labels.

Field	Imported from FM Nutrition?
<i>Store Name</i>	No – must enter in EasyEdit+.
<i>Description 1</i>	No – must enter in EasyEdit+.
<i>Description 2</i>	No – must enter in EasyEdit+.
<i>Calories</i>	YES
<i>Fat Calories</i>	YES
<i>Total Fat (g & %)</i>	YES
<i>Saturated Fat (g & %)</i>	YES
<i>Trans Fat</i>	YES
<i>Cholesterol (mg & %)</i>	YES
<i>Sodium (mg & %)</i>	YES
<i>Total Carbs (g & %)</i>	YES
<i>Dietary Fiber (g & %)</i>	YES
<i>Sugars (g)</i>	YES
<i>Protein (g)</i>	YES
<i>Vitamin A (%)</i>	YES
<i>Vitamin C (%)</i>	YES
<i>Iron (%)</i>	YES
<i>Calcium (%)</i>	YES
<i>Ingredients</i>	YES
<i>Allergens</i>	YES
<i>Barcode</i>	No – must enter in EasyEdit+.
<i>Must Use By</i>	System calculated.
<i>Net Weight</i>	No – must enter in EasyEdit+.
<i>Price</i>	No – must enter in EasyEdit+.
<i>Store Address</i>	No – must enter in EasyEdit+.
<i>Barcode</i>	No – must enter in EasyEdit+.

Format 23

Prints 2.2" wide x 4.0" long nutritional labels.

Field	Imported from FM Nutrition?
<i>Description 1</i>	No – must enter in EasyEdit+.
<i>Serving Size</i>	YES
<i>Servings per Container</i>	No – must enter in EasyEdit+.
<i>Calories</i>	YES
<i>Total Fat (g & %)</i>	YES
<i>Saturated Fat (g & %)</i>	YES
<i>Trans Fat</i>	YES
<i>Cholesterol (mg & %)</i>	YES
<i>Sodium (mg & %)</i>	YES
<i>Total Carbs (g & %)</i>	YES
<i>Dietary Fiber (g & %)</i>	YES
<i>Sugars (g)</i>	YES
<i>Includes Added Sugars(g)</i>	YES
<i>Protein (g)</i>	YES
<i>Vitamin D (%)</i>	YES
<i>Calcium (%)</i>	YES
<i>Iron (%)</i>	YES
<i>Potassium (%)</i>	YES

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