

Labeling and Batch Tracking Systems



(and other food safety systems)

Workshop Topics

- Introduction
- Why
- Goals
 - Information Sharing
 - Nutrition Facts System Example
 - Batch Tracking System Example
 - Other Food Safety Systems?
- Disclosures

Poll 1

- Primarily, which tool do you use to create nutrition labels?
 - Specialized nutrition labeling software/system (eg, Recipal)
 - Spreadsheets
 - Repurposed software/system (ie, not specifically designed for labeling)
 - Outside consultant
 - Graphic designer
 - Good old pen and paper

(Feel free to share your system in the chat box)

Poll 2

On scale of 1 to 5, how well do you feel your current system to create nutrition labels is working for you (1 = terrible, 5 = exceptional)?

ReciPal Example - Start New Recipe



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Recipe Dashboard

Recipe

Ingredient Statement

Label

Cost

Nutrition Breakdown

Card

Welcome to the Kitchen!

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Search

Hint: Search 'My Ingredients' for your custom ingredients, 'My Recipe Ingredients' for all ingredients already used, 'Non Food Ingredients' shows all labor/packaging/other ingredients

[Advanced Search Filters](#) ⓘ

Search results will be displayed here.

✳️ Can't find an ingredient? Add your own

Ingredient Key ⓘ

- ✓ Verified USDA Database Ingredient
- ✓ Verified User Added Ingredient
- ⚠️ Unverified User Added Ingredient
- 👤 Your Custom Ingredient

ReCiPal - The Example Recipe

Crackers	
Makes 8 dozen (96) crackers - 16 servings (6 crackers per serving)	
	Grams
3 cups flour	435
2 TSP sugar	8.3
2.5 TSP salt	14.2
4 TBS olive oil	53.2
1 cup water	
Total weight	458
https://www.thepioneerwoman.com/food-cooking/recipes/a98773/how-to-make-crackers/	

ReCiPal - Add Food From Database

Recipe Dashboard **Recipe** Ingredient Statement Label Cost Nutrition Breakdown Card

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Wheat flour, white, all-purpose, enriched, unbleached

Search

Hint: Search 'My Ingredients' for your custom ingredients, 'My Recipe Ingredients' for all ingredients already used, 'Non Food Ingredients' shows all labor/packaging/other ingredients

Advanced Search Filters

Search Results - 1 Ingredient

✓ Wheat flour, white, all-purpose, enriched, unbleached [Add to Recipe](#) [Preview](#)

✘ Can't find an ingredient? Add your own

Ingredient Key

- ✓ Verified USDA Database Ingredient
- ✓ Verified User Added Ingredient
- ▲ Unverified User Added Ingredient
- 👤 Your Custom Ingredient

EXAMPLE - Crackers [🔗](#) Updated less than a minute ago

Ingredient	Quantity	Units	Waste (%)	Grams
✓ Wheat flour, white, all-purpose, enriched, unbleached	1.0	1 cup	0.0	125.0
Totals		-	0.0	125.0

Net Weight Per Package

50.0 grams (Yield: 40.0% of 125.0 total grams)

How many packages does this recipe make?

1.0

Suggested Serving Size

1 bar

[Canadian Labels - Click To Add French Serving Size](#)
[As Packaged/Prepared Labels - Enter Description](#)

How many servings are in each package?

Label Preview [Customize It](#)

Nutrition Facts	
1 serving per container	
Serving size	1 bar (50g)
Amount Per Serving	
Calories	460
	% Daily Value*

ReCiPal - Add All Foods

EXAMPLE - Crackers Updated 1 minute ago

Ingredient	Quantity	Units	Waste (%)	Grams
✓ Wheat flour, white, all-purpose, enriched, u...	435.0	1 gram	0.0	435.0
✓ Sugars, granulated	8.3	1 gram	0.0	8.3
✓ Salt, table	14.2	1 gram	0.0	14.2
✓ Oil, olive, salad or cooking	53.2	1 gram	0.0	53.2
Add your next ingredient				
Totals	-	-	0.0	510.7

Net Weight Per Package

510.7 grams (Yield: 100.0% of 510.7 total grams)

How many packages does this recipe make?

1.0

Suggested Serving Size

6 crackers [Canadian Labels - Click To Add French Serving Size As Packaged/Prepared Labels - Enter Description](#)

How many servings are in each package?

16.0

Recipe Name

EXAMPLE - Crackers

[Click to enter preparation instructions \(optional\)](#)

[Go to Set Ingredient Statement](#) [Go Straight To Label](#) [Archive Recipe](#)

Label Preview [Customize It](#)

Nutrition Facts	
16 servings per container	
Serving size 6 crackers (32g)	
Amount Per Serving	
	Calories 130
	% Daily Value*
Total Fat 3.5g	4%
Saturated Fat 0.5g	3%
Trans Fat 0g	
Cholesterol 0mg	0%
Sodium 345mg	15%
Total Carbohydrate 21g	8%
Dietary Fiber <1g	3%
Total Sugars <1g	
Includes <1g Added Sugars	1%
Protein 3g	
Vitamin D 0mcg	0%
Calcium 0mg	0%
Iron 1.3mg	8%
Potassium 30mg	0%
<small>*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.</small>	

ReCiPal - Ingredient Statement

Recipe Dashboard Recipe **Ingredient Statement** Label Cost Nutrition Breakdown Card

EXAMPLE - Crackers - Ingredient List

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ENGLISH INGREDIENT STATEMENT

FRENCH INGREDIENT STATEMENT

Ingredient	Display In Ingredient List As [?]	Spice/Flavor? [?]	Canada Sugar? [?]
Wheat flour, white, all-purpose, enriched, unbl...	<input type="text" value="Enriched Unbleached Flour (Wheat Flour, Malted Barley Flour, Niacin, Iron, Thiamine, Rit"/>	<input type="text" value=""/>	<input type="checkbox"/>
Oil, olive, salad or cooking	<input type="text" value="Olive Oil"/>	<input type="text" value=""/>	<input type="checkbox"/>
Salt, table	<input type="text" value="Salt"/>	<input type="text" value=""/>	<input type="checkbox"/>
Sugars, granulated	<input type="text" value="Sugar"/>	<input type="text" value=""/>	<input checked="" type="checkbox"/>

[Edit Ingredient Lists From All Recipes Together](#)

Denote ingredients that are less than 2% of total recipe

Add notes at end of ingredient list [?]

[Or click to set the full ingredient list manually/lock the ingredient list](#) [?]

Ingredient Statement Preview

INGREDIENTS: ENRICHED UNBLEACHED FLOUR (WHEAT FLOUR, MALTED BARLEY FLOUR, NIACIN, IRON, THIAMINE, RIBOFLAVIN, FOLIC ACID), OLIVE OIL, SALT, SUGAR

New Canadian Ingredient Statement Preview

INGREDIENTS: ENRICHED UNBLEACHED FLOUR (WHEAT FLOUR, MALTED BARLEY FLOUR, NIACIN, IRON, THIAMINE, RIBOFLAVIN, FOLIC ACID), OLIVE OIL, SALT, SUGARS (SUGAR)

[← Return to Recipe](#)

[View Nutrition Label](#)

ReciPal - Label



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EXAMPLE - Crackers

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Label Type: New Vertical (default)

Label Sections

Label Style

Optional Nutrients

Optional Vitamins

Default Label Settings

Use as default format

Nutrition Facts

16 servings per container
Serving size **6 crackers (32g)**

Amount Per Serving
Calories 130

% Daily Value*

Total Fat 3.5g **4%**

Saturated Fat 0.5g **3%**

Trans Fat 0g

Cholesterol 0mg **0%**

Sodium 340mg **15%**

Total Carbohydrate 21g **8%**

Dietary Fiber <1g **3%**

Total Sugars <1g

Includes <1g Added Sugars **1%**

Protein 3g

Vitamin D 0mcg 0%

Calcium 0mg 0%

Iron 1.3mg 8%

Potassium 30mg 0%

*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.

INGREDIENTS: ENRICHED UNBLEACHED FLOUR (WHEAT FLOUR, MALTED BARLEY FLOUR, NIACIN, IRON, THIAMINE, RIBOFLAVIN, FOLIC ACID), OLIVE OIL, SALT, SUGAR

ALLERGENS: Milk Egg Fish Shellfish Tree nuts Wheat Peanuts Soybeans

CONTAINS: WHEAT

Business Name and Address

CRACKER COOKIES LLC

Poll 3

- Primarily, which tool do you use to maintain batch or lot tracking data?
 - Specialized software/system with capabilities built in (eg, Brahmin Solutions, Dear Systems, Katana, etc)
 - Spreadsheets
 - Re-purposed software/system (ie, not specifically made with batch or lot tracking capabilities)
 - Good old pen and paper
 - Information share- if you're in the mood for sharing, add what software/system you use in the comments field and we'll collate and send to the group

Poll 4

On a scale of 1 to 5, how well do you feel your current system to maintain batch or lot tracking is working for you (1 = terrible, 5 = exceptional)?

Brahmin - Add Product to Inventory (Simple)

Inventory Adjustment

Warehouse: Adjustment Type*: Adjustment Date:

Ln	Item	Location	Qty	Cost	MAC
1	Dark Chocolate with Pink Himalayan Salt SKU: PINI75 UPC: 852595008004	On Hand Qty: 0 ea New On Hand Qty: 1000 ea	<input type="text" value="Hold"/> <input type="text" value="ea"/> <input type="text" value="1000"/>	<input type="text" value="5.00"/>	\$ 0.0203
Tracking Fields:					
Add a Note					



Brahmin - Add batch/lot number

The screenshot displays the Brahmin software interface for an Inventory Adjustment. At the top, there is a navigation menu with options: Purchases, Inventory, Manufacturing, Sales, Import / Exports, Reports, and Add-Ons. On the right side, there are links for 'What's New?', 'Ryan', 'Settings', and 'Chocolate'. The main title of the page is 'Inventory Adjustment'.

Below the title, there are three input fields: 'Warehouse:' with a dropdown menu showing 'Chocolate Factory', 'Adjustment Type:' with a dropdown menu showing 'ADD', and 'Adjustment Date:' with a text field showing 'Apr 13 2022'. To the right of these fields is a blue 'Adjust' button.

Below the input fields is a table with the following columns: Ln, Item, Location, Qty, Cost, and MAC. The table contains one row with the following data: Ln: 1, Item: Dark Chocolate with Pink Himalayan Salt, Location: (empty), Qty: (empty), Cost: (empty), and MAC: (empty). Below the table, there is a link 'Add a Note'.

A dialog box titled 'Tracking Fields Details' is open in the foreground. It has a close button (X) in the top right corner. Inside the dialog, there is a label 'Batch Number' above a text input field. At the bottom right of the dialog, there are two buttons: 'Ok' (blue) and 'Cancel' (grey).

On the right side of the main interface, there is a 'Tracking Fields:' label with a small icon next to it.

Brahmin - Fulfilling Sales Orders

Sales / SO0154 Confirmed / New Shipment

Print Action

Sales Order Inventory Invoice Shipping

Save

Shipping:

Shipped Date:

Commit Pick Pack Ship

Line Items

Image	Item	Notes	Order Qty	UOM	Ship Qty	Qty	Locations
	BIR - Case of Chocolate Bars with Alaskan Birch Syrup Toffee 1.75oz 12perCS SKU: W12CSBIR		2	ea	0	<input type="text" value="2"/>	

Ln	Image	Image	SKU	Notes	Order Qty	UOM	Ship Qty	Pick Qty
1		Dark Chocolate with Alaskan Birch Syrup Toffee	SKU: BIR175		24	ea	0	24

Picking Qty: Picking Location: + Available Qty: 2042

Brahmin - Assigning Lot Manually

Inventory 1 ea = 1 ea X

Select BIR175 based Tracking Field Batch Number

Receive Date	Batch Number	On Hand Qty	Available Qty	Pick Qty
Mar 11 2022	02220310	329	329	<input type="text"/>
0 Selected				
Dec 23 2021	02211222	0	0	<input type="text"/>
0 Selected				
Dec 13 2021	02211129	0	0	<input type="text"/>

Brahmin - Product Inventory by Lot

Warehouse	Location	SKU Code	Product Name	Tracking Status	LOT # ▾	Expiry Date	Stock Received	Available
New York	Storage	GAJ-500ML	Green Apple Juice - 500 ML	Available	GAJ-500ML-DEC-26-10:03PM	Jan 09 2021	16	1
New York	Storage	FP033	Nature Nates 100% Pure, Raw & Unfiltered Honey	Available	FP033L-DEC-26-10:04PM		840	309
New York	Storage	TB	Table	Available	ewwenwer		24	24
New York	Storage	TB	Table	Available	DEC30-4:23PM		1	1

Brahmin - Lot Details

Warehouse	Date	Reference	Transaction Type	Quantity	UOM	From Location	To Location	Vendor	Customer
New York	Dec 25 2020	PO0077-RV0072	Purchase - Receipt	4	btl		Storage	Supplier	
New York	Dec 30 2020	SO0049-SHP0134	Sale - Shipment	1	tsp	Storage			Brahm Meka
New York	Dec 30 2020	MO0106-WO0090	Assembly - In	2	tsp	Storage			
New York	Dec 30 2020	MO0108-WO0091	Assembly - In	70	tsp	Storage			
New York	Jan 01 2021	MO0110-WO0098	Assembly - In	8	tsp	Storage			
New York	Jan 08 2021	MO0132-WO0110	Assembly - In	400	tsp	Storage			
New York	Jan 12 2021	MO0138-WO0115	Assembly - In	25	tsp	Storage			
New York	Jan 14 2021	MO0140-WO0117	Assembly - In	25	tsp	Storage			

[Close](#)

Thank you

- Other systems?
- Questions?
- Thoughts?