

# Recipes

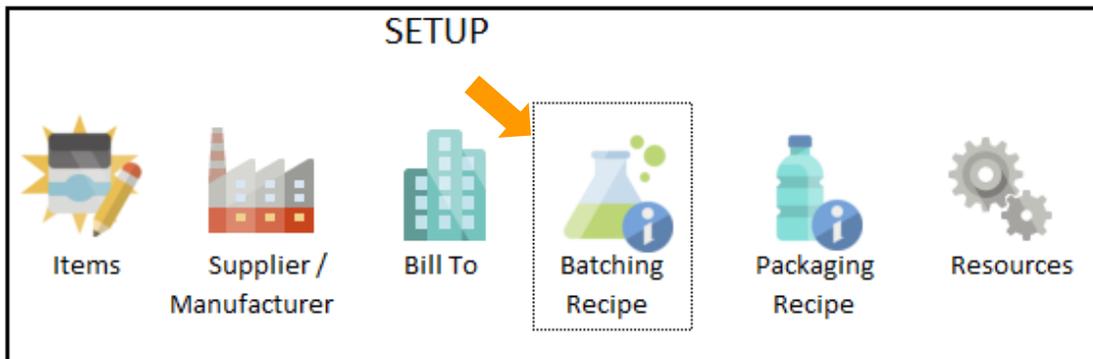
## Creating a Batching Recipe

**Prerequisites:** You must have items created before proceeding to this step. Note that you must also create the produced item as a separate item in the Mar-Kov system.

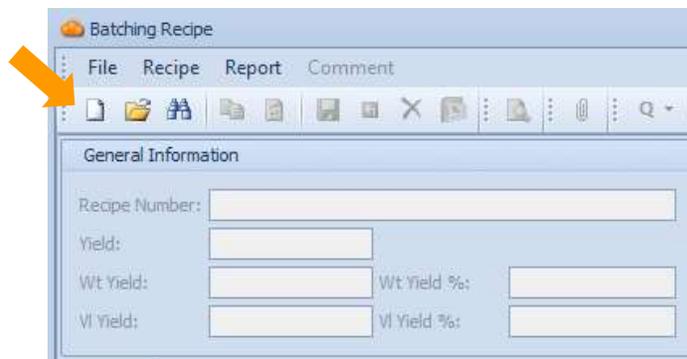
This set of instructions is made for the Batch Execution Express feature set.

Note a batching recipe creates a *Bulk* item, *not a finished good*.

Select the **Batching Recipe** icon from the display menu from the Main Menu



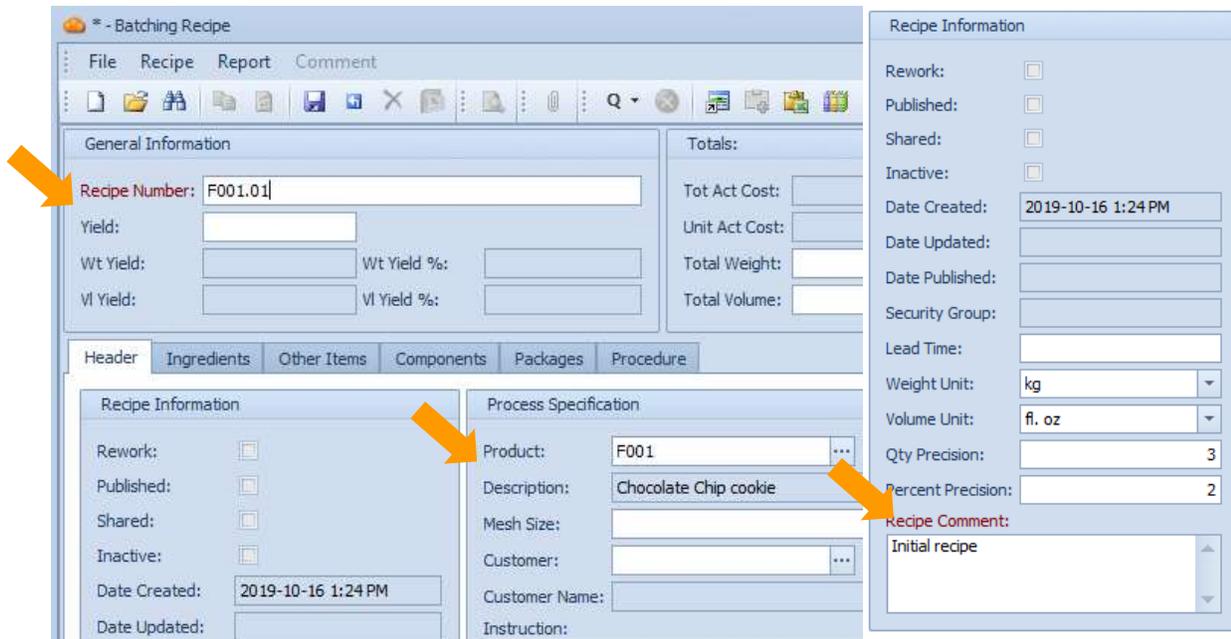
Select New



## The Header Tab

Enter the Product and Recipe Numbers. Note that the Recipe number should reflect the product that the recipe produces, as well as a version number. In this example it is shown as version 01.

Note down any important Recipe information in the Header tab such as the weight and volume units, and the customer name. It is also required to include a Recipe Comment.



It is required to add a predicted yield value in the **Yield** field as it is the standard yield to which this recipe will be based on. The yield can be specified with any unit.

## The Ingredients Tab

The ingredients required to create the item can be inputted in the Ingredients Tab.

| Header      |      |            |                  |               |             |                  |            |          |          |         |          |            |
|-------------|------|------------|------------------|---------------|-------------|------------------|------------|----------|----------|---------|----------|------------|
| Ingredients |      |            |                  |               |             |                  |            |          |          |         |          |            |
| Other Items |      |            |                  |               |             |                  |            |          |          |         |          |            |
| Components  |      |            |                  |               |             |                  |            |          |          |         |          |            |
| Packaging   |      |            |                  |               |             |                  |            |          |          |         |          |            |
| Procedure   |      |            |                  |               |             |                  |            |          |          |         |          |            |
| Sublot Code | Line | Ingredient | Description      | Standard Cost | Actual Cost | Replacement Cost | Recipe Qty | Weight   | Weight % | Volume  | Volume % | Add method |
|             | 1    | R005       | Butter           | 0.0000        | 0.0000      |                  | 151.013 g  | 0.151 kg | 20.23%   | 0.151 l | 20.23%   | Commingle  |
|             | 2    | R007       | Brown Sugar      | 0.0000        | 0.0000      |                  | 86.593 g   | 0.081 kg | 10.79%   | 0.081 l | 10.79%   | Commingle  |
|             | 3    | R006       | White Refin...   | 0.0000        | 0.0000      |                  | 86.593 g   | 0.081 kg | 10.79%   | 0.081 l | 10.79%   | Commingle  |
|             | 4    | R009       | Vanilla extr ... | 0.0000        | 0.0000      |                  | 2.015 g    | 0.002 kg | 0.27%    | 0.002 l | 0.27%    | Commingle  |
|             | 5    | R008       | Eggs             | 0.0000        | 0.2000      |                  | 1.000 ea   |          |          |         |          | Commingle  |
|             | 6    | R001       | Flour            | 0.0000        | 2.0000      |                  | 226.569 g  | 0.227 kg | 30.34%   | 0.227 l | 30.34%   | Commingle  |
|             | 7    | R010       | Baking Soda      | 0.0000        | 0.0000      |                  | 2.519 g    | 0.003 kg | 0.34%    | 0.003 l | 0.34%    | Commingle  |
|             | 8    | R012       | Salt             | 0.0000        | 0.0000      |                  | 2.015 g    | 0.002 kg | 0.27%    | 0.002 l | 0.27%    | Commingle  |
|             | 9    | R003       | Chocolate C...   | 0.0000        | 2.0000      |                  | 201.483 g  | 0.201 kg | 26.97%   | 0.201 l | 26.97%   | Commingle  |

To add an item, click on a blank space in the Ingredient column and click the three dots button.

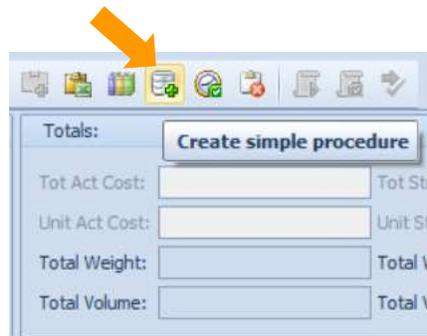
| Header      |      |            |     |
|-------------|------|------------|-----|
| Ingredients |      |            |     |
| Other Items |      |            |     |
| Compo       |      |            |     |
| Sublot Code | Line | Ingredient |     |
|             | 1    | R005       |     |
|             | 2    | R007       |     |
|             | 3    | R006       |     |
|             | 4    | R009       |     |
|             | 5    | R008       |     |
|             | 6    | R001       |     |
|             | 7    | R010       |     |
|             | 8    | R012       |     |
|             | 9    | R003       |     |
|             |      |            | ... |

You must also enter the quantity for each ingredient in the respective columns.

## The Procedure Tab

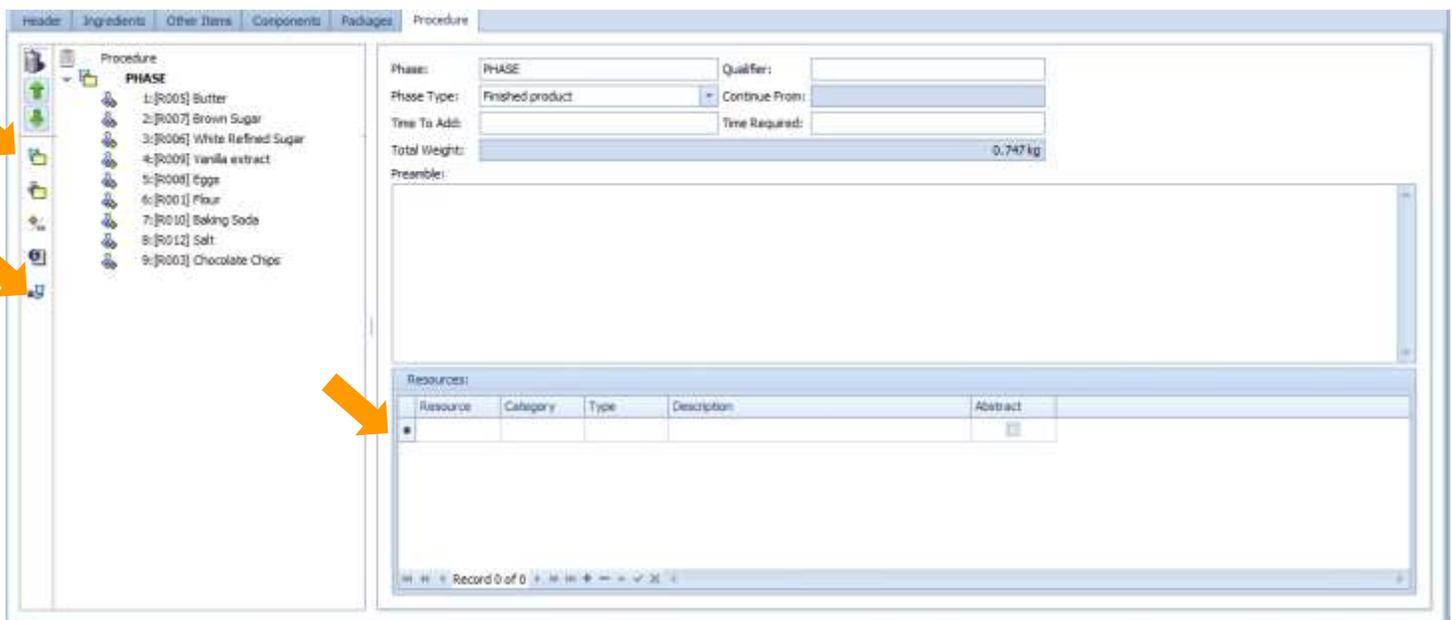
The recipe procedure describes instruction steps, sequences, and phase structure for a recipe.

Start by creating default procedure for creating this item to add each ingredient by clicking on the Procedure Tab and select "Create simple procedure" in the menu near the top of the window



Add instructions by dragging and dropping the **Instruction** icon onto your procedure. Note that for Express Execution, the only purpose of instructions is to print them on the batch sheet.

From here, the ingredients addition sequence and instruction sequence can be configured using the UP and DOWN arrow buttons and resources can be assigned.





When you have entered all the information necessary, click the Save button or **Ctrl + S** on your keyboard. When complete, publish the recipe by selecting the Publish button . Once a recipe is published, that recipe revision will be locked for editing, but can be used for new batching orders.