

ProductionWizard™

Configure Tank Settings and Add Candidate Ingredients to a Tank

The document has two sections. The first section covers how to set the tank capacity, amount remaining warning, and the tank expiration warning. The warnings will prompt the user if a tank has fallen below a set level or if the contents have been in the tank too long. The second section covers how to add or remove ingredients that are allowed in a particular tank.

Tank Capacity Editor – Modify Tank Capacity, % Remaining, and Tank Expiration

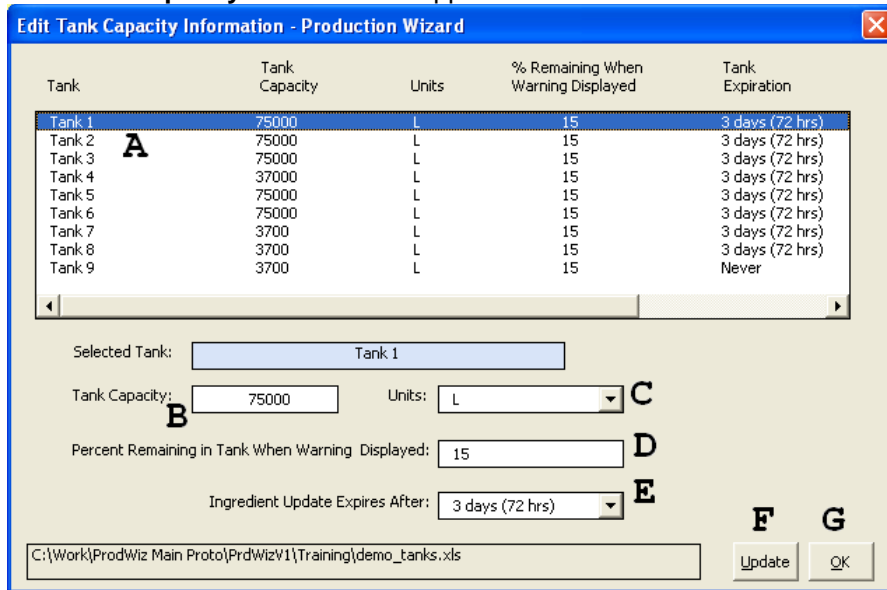
This feature allows the user to change the tank capacity, units, percent remaining when a warning message is displayed, and tank expiration. **These tank expiration settings override the expiration values set in formula configuration.** The unit of measure set for a tank is the default unit of measure used to update the amount in the tank. The *percent remaining when warning* setting is used to warn the user when a tank is low while preparing a batch with the batch creation tool. Setting the tank capacity to 0 disables tank depletion and tracking tank amounts in the Batch Creation Tool.

To start:

(Excel 2000 – 2003) Click the **Production Wizard** menu, click **Formula Configuration**, and select **Edit Tank Capacity Information**.

(Excel 2007 or higher) Click the **Production Wizard** tab, select **Formula Configuration**, and click **Edit Tank Capacity Information** from the **Formula Configuration** group.

The **Tank Capacity** editor window appears.



Tank	Tank Capacity	Units	% Remaining When Warning Displayed	Tank Expiration
Tank 1	75000	L	15	3 days (72 hrs)
Tank 2	75000	L	15	3 days (72 hrs)
Tank 3	75000	L	15	3 days (72 hrs)
Tank 4	37000	L	15	3 days (72 hrs)
Tank 5	75000	L	15	3 days (72 hrs)
Tank 6	75000	L	15	3 days (72 hrs)
Tank 7	3700	L	15	3 days (72 hrs)
Tank 8	3700	L	15	3 days (72 hrs)
Tank 9	3700	L	15	Never

Selected Tank:

Tank Capacity: Units:

Percent Remaining in Tank When Warning Displayed:

Ingredient Update Expires After:

C:\Work\ProdWiz Main Proto\PrdWizV1\Training\demo_tanks.xls

Select the tank to update (A). Enter the tank capacity (B) and select units from the dropdown (C). Enter the percent remaining for warning in the box provided (D). Select an expiration setting for the tank from the dropdown (E). Press the **Update** button (F). Press the **OK** button (G). Select Yes when prompted to save your changes.

Tank Ingredient Editor – Adding or Deleting Tank Candidate Ingredients

This feature allows the user to add a new candidate ingredient to a particular tank or remove it. The following instructions describe adding a new candidate ingredient to a particular tank.

1. Add the new tank candidate ingredient to the ingredient file (for more information please refer to *Adding Ingredients to an Ingredient File* in the File Management Chapter in the manual). At this point do not attempt to link this new ingredient to a tank.

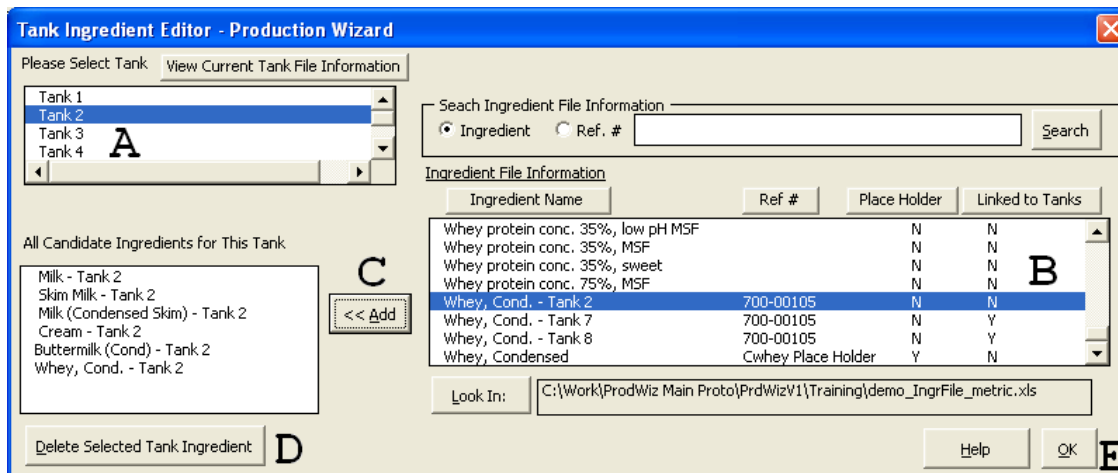
In the Formula Development section:

(Excel 2000 – 2003) Click the **Production Wizard** menu, click **Formula Configuration**, and select **Edit Tank Ingredients**.

(Excel 2007 or higher) Click the **Production Wizard** tab, select **Formula Configuration**, and click **Edit Tank Ingredients** from the **Formula Configuration** group.

The **Tank Ingredient Editor** window appears.

2. Add the candidate ingredient to the Tank. Select the tank to modify (**A**). Select the candidate ingredient to add to the tank (**B**) and press the **Add** button (**C**). If you need to delete a candidate ingredient from the tank, press the **Delete Selected Tank Ingredient** button (**D**).



Tank Ingredient Editor - Production Wizard

Please Select Tank | View Current Tank File Information

Tank 1
Tank 2 **A**
Tank 3
Tank 4

Search Ingredient File Information
 Ingredient Ref. # Search

Ingredient File Information

Ingredient Name	Ref #	Place Holder	Linked to Tanks
Whey protein conc. 35%, low pH MSF		N	N
Whey protein conc. 35%, MSF		N	N
Whey protein conc. 35%, sweet		N	N
Whey protein conc. 75%, MSF		N	N
Whey, Cond. - Tank 2	700-00105	N	N
Whey, Cond. - Tank 7	700-00105	N	Y
Whey, Cond. - Tank 8	700-00105	N	Y
Whey, Condensed	Cwhey Place Holder	Y	N

B

All Candidate Ingredients for This Tank **C**

Milk - Tank 2
Skim Milk - Tank 2
Milk (Condensed Skim) - Tank 2
Cream - Tank 2
Buttermilk (Cond) - Tank 2
Whey, Cond. - Tank 2

<< Add

Delete Selected Tank Ingredient **D**

Look In: C:\Work\ProdWiz Main Proto\PrdWizV1\Training\demo_IngrFile_metric.xls

Help OK **E**

Press the **OK** button (**E**) when finished. Select Yes when prompted to save your changes.

3. Open the ingredient file and link the ingredient in the ingredient file to the tank candidate ingredient.
 (Excel 2000 – 2003) Click the **Edit Ingredients** menu and select **Edit Ingredient Configuration**.
 (Excel 2007 or higher) Click the **Edit Ingredient File** tab and select **Edit Ingredient Configuration** from the **Ingredients** group.

4. The **Ingredient Configuration** window appears. Select the new tank candidate ingredient. Set **Ingredient linked to Tank** to **Y (G)**. Make sure the tank ingredient has a "Place Holder" ingredient (**H**). Save changes made to the ingredient file. If necessary set the **User selects from list option** to **Y**. The new tank ingredient is ready to use.

Ingredient Configuration - Production Wizard

Search Ingredient List
 Ingredient Ref. #

Please Select an Ingredient

Whey protein conc. 35%, sweet	
Whey protein conc. 75%, MSF	
Whey, Cond. - Tank 2	700-00105
Whey, Cond. - Tank 7	700-00105
Whey, Cond. - Tank 8	700-00105
Whey, Condensed	Cwhey Place Holder

Ingredient Settings Entered Value Current Value

Method for editing ingredients using Ingredient Update Tool:

Fat Type:

Is this ingredient a "Place Holder"?:

Tank Info Ingredient linked to a Tank:

"Place Holder" ingredient this ingredient is linked to:

Set Property Configuration

None Enter Below

Property	BCT	Enter	Comp	Min	Max	Description for Batch Sheet
Total Fat	5			0	100	[N]
Total Solids	5			0	100	[N]