

# Summary

BoM Versions is the perfect way to keep track of different recipes by location or size of batch, experimental variations you're trying out on the classics, or tracking items that are swapped out regularly. You can even have multiple, active versions of BoMs for the same item. Let's dive in and show you how it works.

Note: The following only applies to items with more than one version of the same Bill of Materials.

#### Details

There's a few convenient ways to view, edit or apply BoM versions in Orchestrated – through the <u>Bill</u> of <u>Materials</u> document, directly on a <u>Production Order</u>, or while planning new orders in the <u>PdO</u> <u>Creation Wizard</u>.

## **Bill of Materials**

ro	duct No.	2	1	> W1003		XQ	uantity 30	Warehous	se 🐤	BH	01	*
Pro	duct De	scription		Wort - IPA				Price List		OR		•
80	М Туре			Production 💌				Distr. Rule Project	9			3
#	Туре	No.		Description	Quantity	UoM Name	Warehouse	Issue Method	Price I	List	Unit Price	
1	Item *	RM5	005	Malt 2-Row Bulk	2,500	b	🥪 A1	Manual 🔻	OR	٣	\$ 0.8100 )2	-
	Item *	> RM5	028	Maris Otter supersack	1,200	b	📫 A1	Manual 🔻	OR	Ŧ		
í	Item 🔻	RM5	024	Malt C-45	500	b	🥪 A1	Manual 🔻	OR	٠		
ŧ	Item 🔻	📫 RH50	006	Hops - Cascade	35	lb	📫 A1	Manual 🔻	OR	٠	\$ 6.9800 14	-
5	Item 🔻	🗢 RH50	012	Hops - Fuggle	5	b	🧼 A1	Manual 🔻	OR	۳		+
5	Item <b>*</b>		6					•	OR	Ŧ		
			0									
	4									_		
	ОК		ancel	Update PdOs Proced	lures Versions		Prod	luct Price				-



Ver #       Name       User       Date       Comments         BOM Type <sup>1</sup> 30-bbl Production       manager       08-05-14             #       Type <sup>1</sup> 4         5-bbl Fuggle       jayu       01-10-17       Fuggle recipe f         1       Item <sup>6</sup> 5-bbl Palisade       jayu       01-27-17       Palisade recipe         1       Item <sup>6</sup>	Pro	oduct N	Select From List											
BOM Type # Type 1 Item 2 Item 3 Item 5 Item 4 Item 4 Item 4 Item 5 Item 4 Item 5 Item 4 Item 5	Pro	oduct D	Ver #	Name	User	Date	Comments							
# Type   1 Item   2 Item   3 Item   4 Item   5 Item   4 Item   4 Item   4 Item   5 Item   4 Item   5 Item   4 Item	BO	М Туре	-> 1	30-bbl Production	manager	08-05-14								
# Type I Item 2 Item 3 Item 4 Item 5 Item 4 Item 4 Item 4 Item 5 Item 4 Item 5 Item 6 5-bbl Palisade 9 01-27-17 Palisade recipe A1 A			🤿 4	5-bbl Fuggle	jayu	01-10-17	Fuggle recipe f							
1       Item         2       Item         3       Item         4       Item         5       Item         4       Item         5       Item         4       Item         5       Item	#	Туре	🤝 6	5-bbl Palisade	jayu	01-27-17	Palisade recipe		irehouse					
2       Item         3       Item         4       Item         5       Item         4       Item         5       Item         4       Item         5       Item         4       Item         5       Item         6       1         7       1         7       1         7       1         7       1         7       1	1	Item '							A1					
3       Item         4       Item         5       Item         4       Item         4       Item         4       Item         4       Item         4       Item         4       Item	2	Item '							A1					
4 Item 7 5 Item 7 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 4 5	Item '							A1					
5 Item 1		Item '							A1					
		Item '												
							_							
			4											
			Apply	Cancel	eate New									
Apply Cancel Create New														

When first opening the BoM for an item, the recipe that first appears is the *Active* version – the last version that was applied and the default when creating new PdOs. However, <u>when maintaining</u> <u>multiple versions of the same Bill of Materials</u>, you will **always click into the Versions button** of the BoM to review/make changes/add new versions.

So before making any changes to an active Bill of Materials, click <u>Versions</u> at the Bottom to get started. Once viewing the <u>Select From List</u> of versions (above):

- To create a new version:
- Before making any edits, click the <u>Versions</u> button at the Bottom of the Bill of Materials to open existing versions, select the row of the version to be used as your template, then click <u>Apply</u>, make your one or two changes, then follow the steps in a) right above.
- **To edit an existing version** (but maintain the same version name):
- On the Select from List dialog click the <u>drill-in arrow</u> for the version to edit. Make your adjustments (use the Quantity column to edit an item's quantity) and click <u>Update</u>. To use the new, updated version click <u>Apply</u>.
- To change default version of the BoM:
- Select the row of the version to switch to and click <u>Apply</u>.
- To delete a version:



 Click the <u>drill-in arrow</u> for the version, then right-click in the header area of the BoM and click <u>Remove</u> then <u>Yes</u>. The next time you open BoM versions for that item the deleted version will be gone.

Note: If you make edits to the Active version of a BoM *without creating a new version* you'll receive the pop-up message '**You have not saved the Active version of your BoM. Would you like to do so now?**' – click Proceed and save the version, allowing you to now switch to another version.

## PdO Creation Wizard

Starting Pol -> W1 Satch Number	003 n Run	Item Nam BoM Versi	e Wor	<ul> <li>IPA</li> <li>Active</li> <li>30-bb</li> </ul>	Production	Build Direction	01-27-17	OTY 2,00	Turns				
ItemCode	ItemName	Version	4 Tun <sub>6</sub>	5-bbl i 5-bbl i	Fuggle Palsade	Prod Date	Due Date	Start Time	Process	From Whs	To Whs	Interval	3

When creating new PdOs for a production run via the PdO Creation Wizard there's a dropdown field, *BoM Version*, to designate which version of a BoM should be used. As a default you can select the <u>0</u> – Active option.

The different details within each version will then determine which items are consumed, which warehouse they pull from, which tank or brewhouse they're produced into, and any other detail on the BoM. At each page of the PdO Creation Wizard though you can still update the version if necessary, it remains an editable field.

#### **Production Order**



Prod	luction	Order											-	
Туре	e Standard 👻									No.	Primary	12132		
Statu	JS		Planned	*						Order Date	e	01-10-17	,	
Prod	uct No.	-	W1003							Production	Date	01-10-17	(	
Prod	uct Desc	ription	Wort - IF	A						Production	Time	10:13AM	E.	
Plann	lanned Quantity 30					e BBL				Due Date		01-10-17	·	
Ware	Warehouse 🌼 BH01									User		jayu		*
BoM	BoM Version									Ba	tch #	Batch Date	Suf	
Mast	Master Prod # 0 - Active													
	1 - 30-bbl Production									New	IPA185			
C	ompone	nts Sumn	4 - 5	-bbl Fuggle										
#	# Type No. 6 - 5-bbl Palsade Description     Term ▼ ↔ RM5005 Mait 2-Row Bulk     Item ▼ ↔ RM5028 Maits Otter supersack     J Item ▼ ↔ RM5024 Mait C-45					Base Qty	Planned Qty	Issued	Available	UoM Code	UoM Name	Warehouse	11 P	
1						33.33	1,000		35,772	Manual	b	🗢 A1	-	
2					(	6.67	200		-6,871	Manual	b	🧼 A1		
3						3.33	100		454	Manual	b	-> A1		1
4	4 Item ▼ ⇔ RH5006 Hops - Cascade					1.67	50		223,188.42	Manual	b	📫 A1		<u>+</u>
5	5 Item 🔻 🍛 RH5012 Hops - Fuggle					0.03	1		20,499.78	Manual	b	📫 A1		+1
6	Item *	·												-
													19	
	4										F			
Rem	arks						Pick and Pa	ck Remark	s					
_														
1	OK	Cancel	E	xpress Packa	ging Run									
		18-2	100											

If you ever need to edit the version used on a specific production order – perhaps you ran out of Fuggle hops and need to switch to your recipe that uses Palisade hops instead – you can open the PdO and click the drop-down <u>BoM Version</u> to select the alternate variation of the recipe previously created. Once selected the PdO will automatically update to the default materials consumed, then click <u>Update</u> to finalize the change.

Version 4.7.1.0