ORCHESTRA

OCloud Production

Part 2 of 3

This guide will introduce you to the concepts, basics and main processes of Orchestrated Production. Let's get Brewing!

Contents

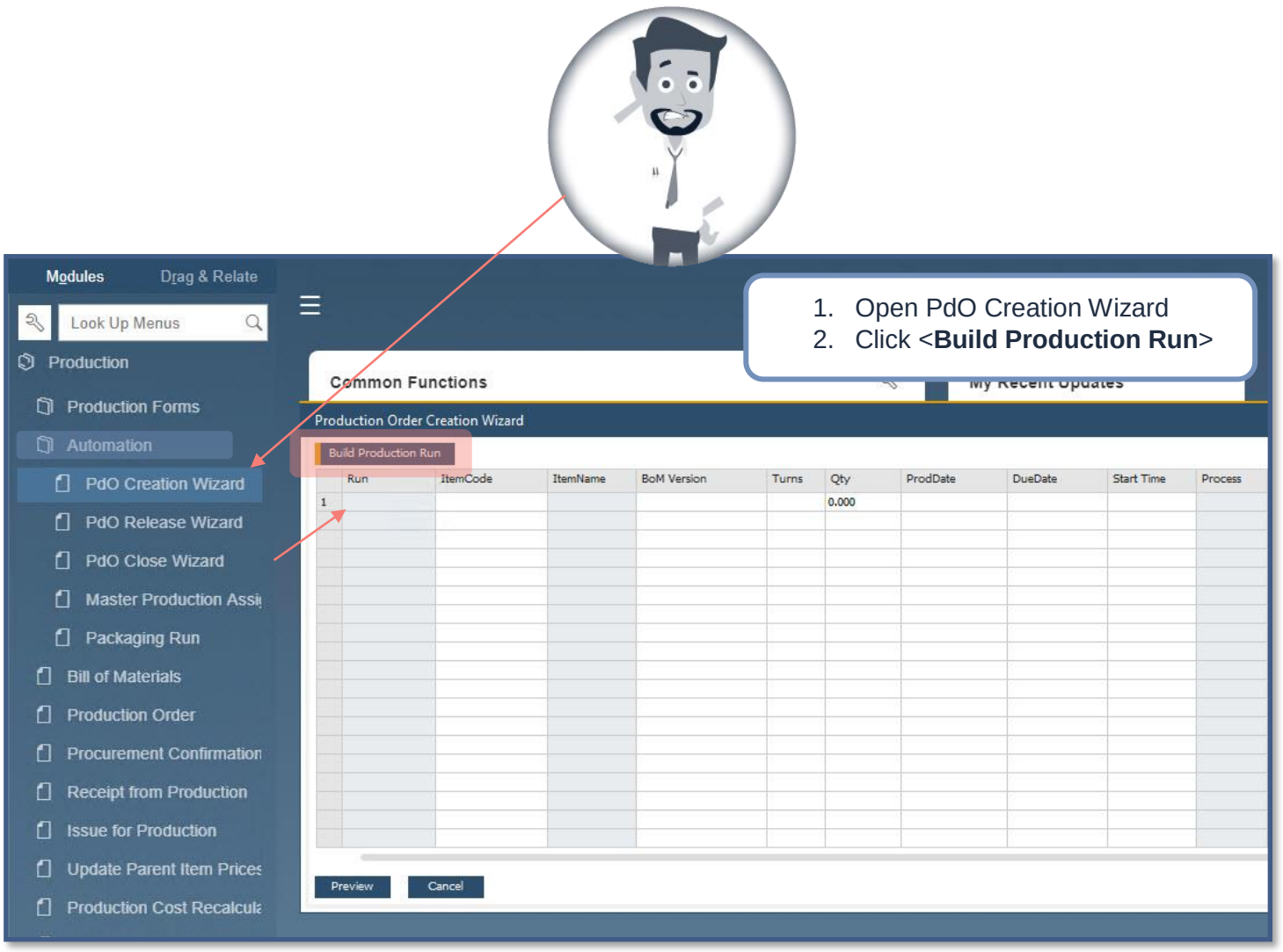
Production process 3
PdO wizards & planning 3
Plan production run 3
Plan packaging for the future 8
Worksheets & expressing 11
Express wort 12
Express green beer 16
Express additional steps 20
Express brite beer 21
Plan packaging based on brite beer in the tank 25
Express packaging 26

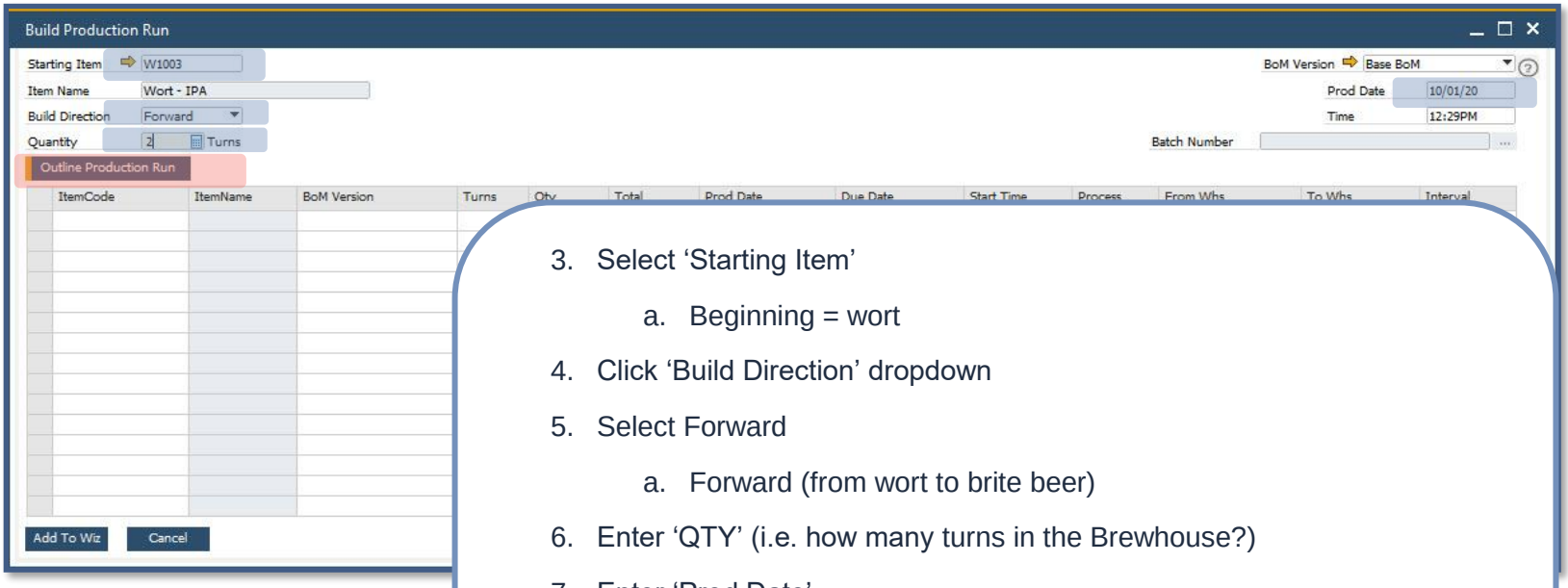
Production process

PdO wizards & planning

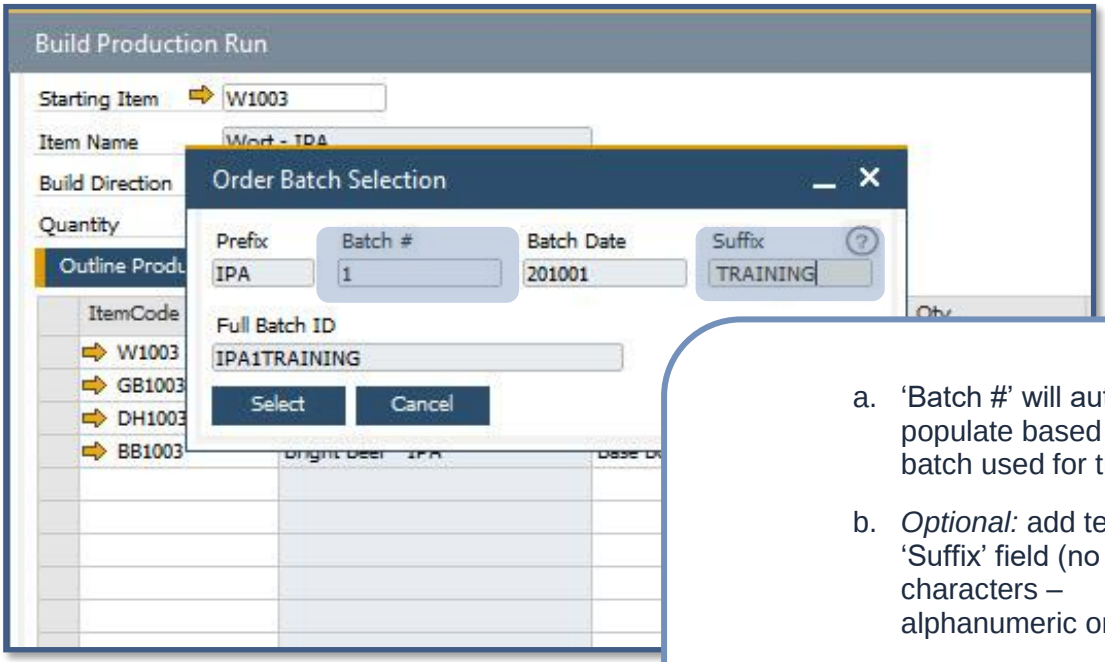
Plan production run

Modules > Production > Automation > PdO Creation Wizard

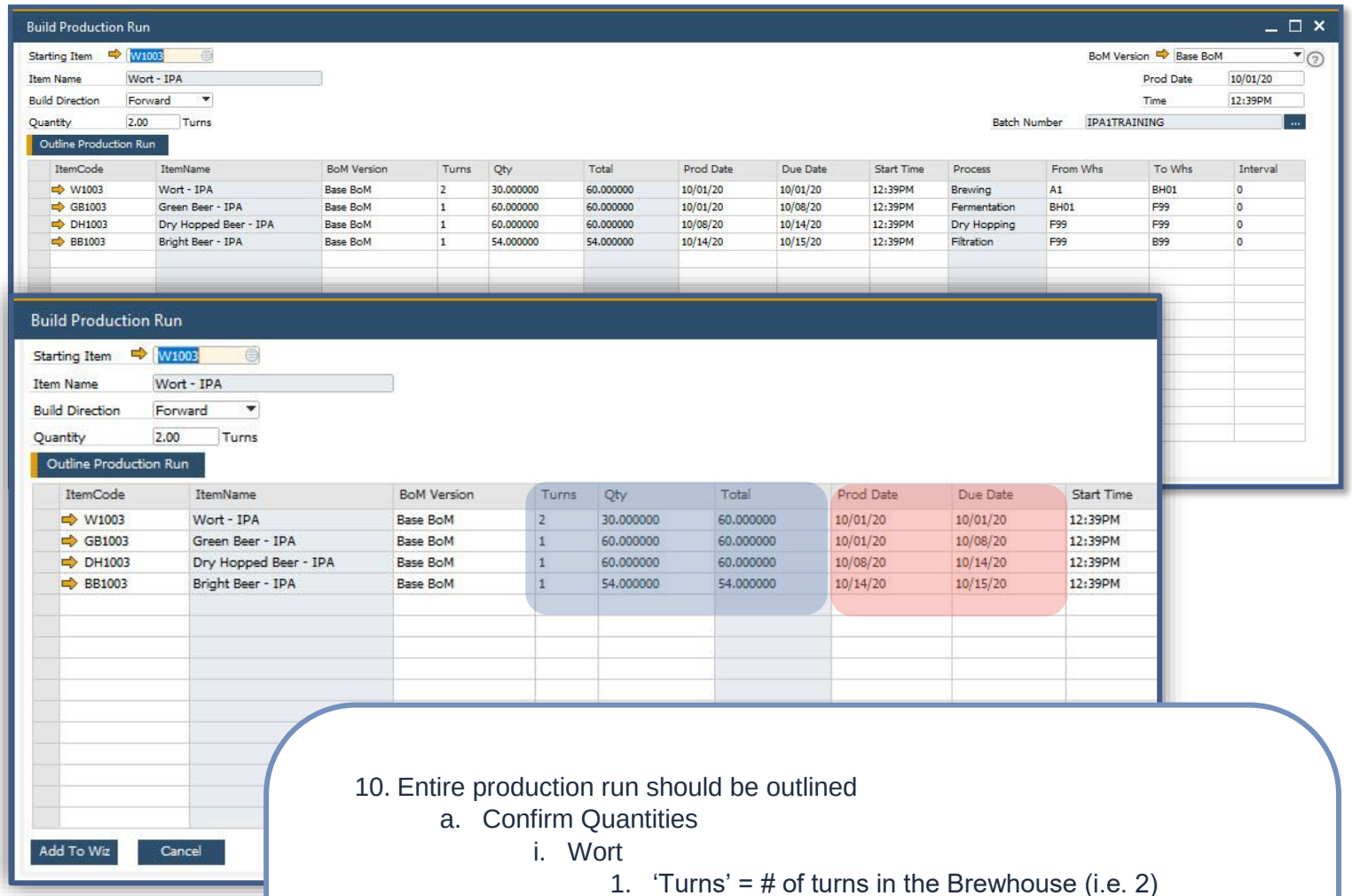




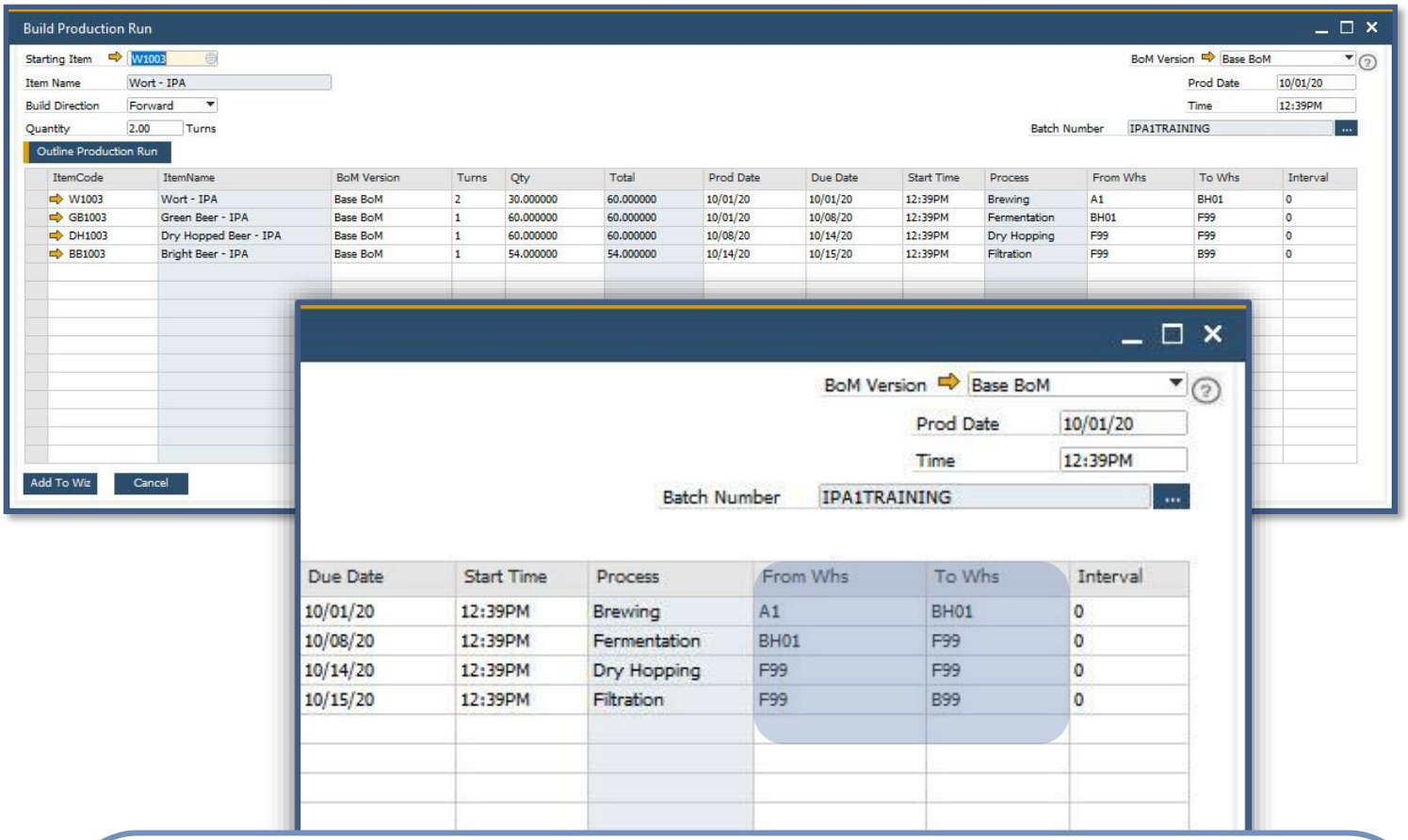
3. Select 'Starting Item'
    a. Beginning = wort
4. Click 'Build Direction' dropdown
5. Select Forward
    a. Forward (from wort to brite beer)
6. Enter 'QTY' (i.e. how many turns in the Brewhouse?)
7. Enter 'Prod Date'
    a. When do you want/need this to be made (can be backdated)
8. Click <**Outline Production Run**>



    a. 'Batch #' will auto-populate based on last batch used for this item
    b. *Optional:* add text to 'Suffix' field (no special characters – alphanumeric only)
9. Click <**Select**>

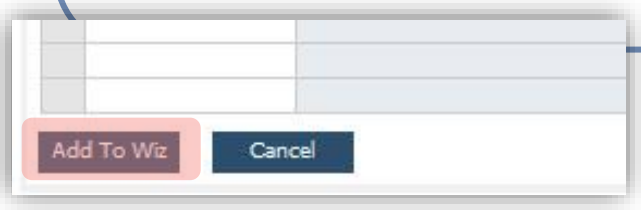


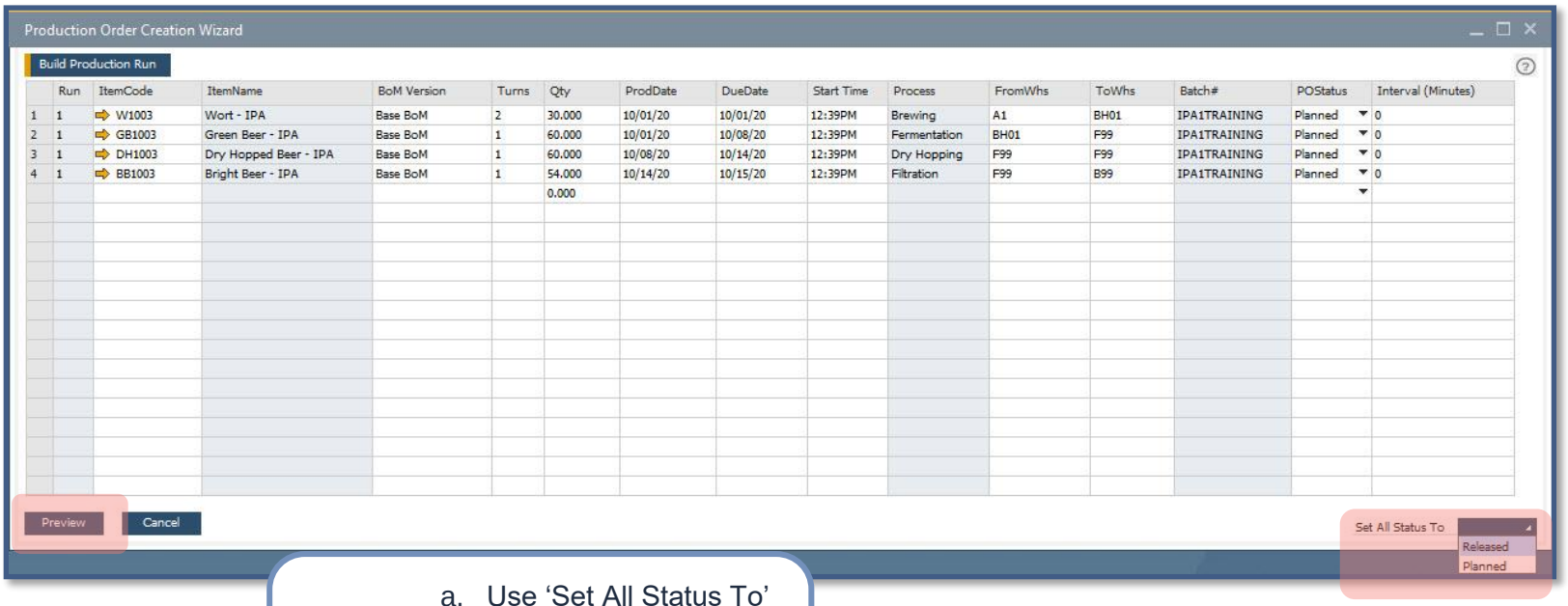
10. Entire production run should be outlined
    a. Confirm Quantities
        i. Wort
            1. 'Turns' = # of turns in the Brewhouse (i.e. 2)
            2. 'Quantity' = # of BBLS in Brewhouse (i.e. 30)
        ii. All other steps (i.e. Green Beer/Add'l Steps/Brite Beer)
            1. 'Turns' = 1
            2. 'Quantity' = Total BBLS after Brewhouse step(s) (i.e. 60)
    b. Update dates for Wort, Green, Add'l Steps, Brite Beer)
        i. 'Production Date' = start date
        ii. 'Due Date' = completion date



c. Update Warehouses
   i. Wort = comes from A1 and goes into BH01
   ii. Green Beer = comes from BH01 and goes into FVxx (choose **your** Fermenter)
   iii. Brite Beer = comes from FVxx and goes into BTxx (chose **your** Brite Tank)
   iv. Additional Steps?
      1. Barrel Aged moves into BA01/OAK01
      2. Dry Hop/Dry Spice stays in FVxx

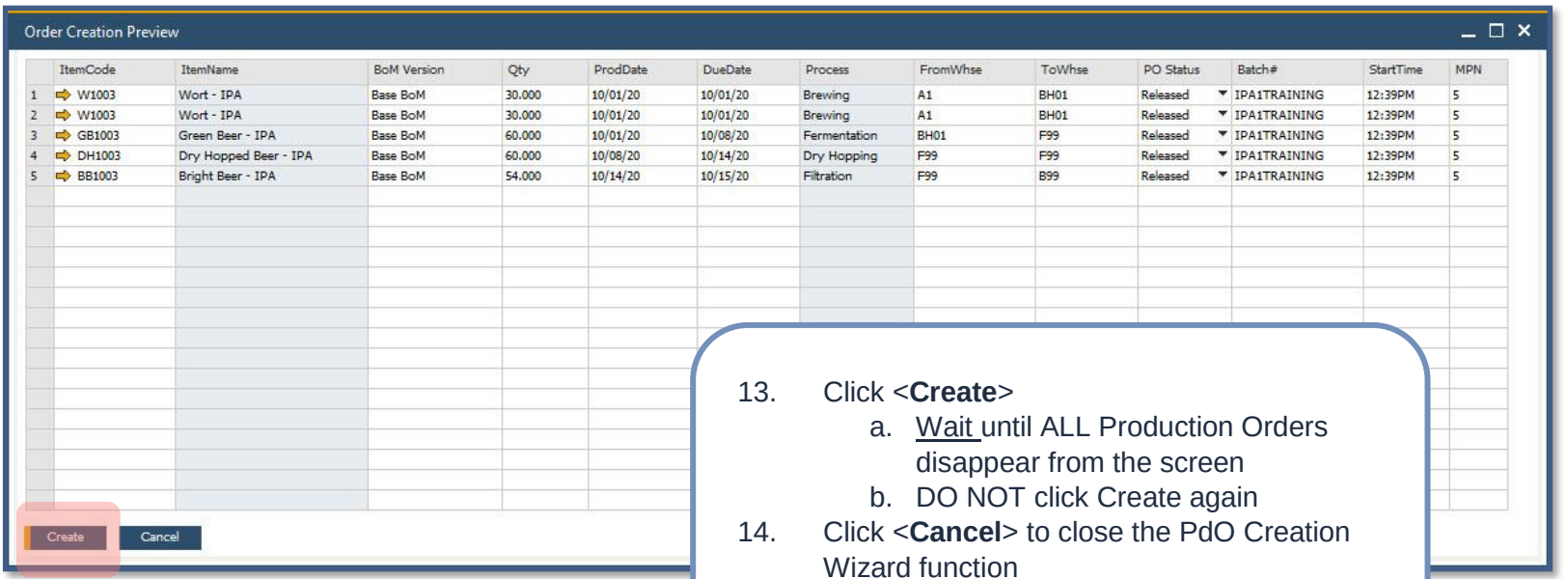
11. Click <**Add To Wiz**>





a. Use 'Set All Status To' dropdown to choose Released

12. Click <**Preview**>



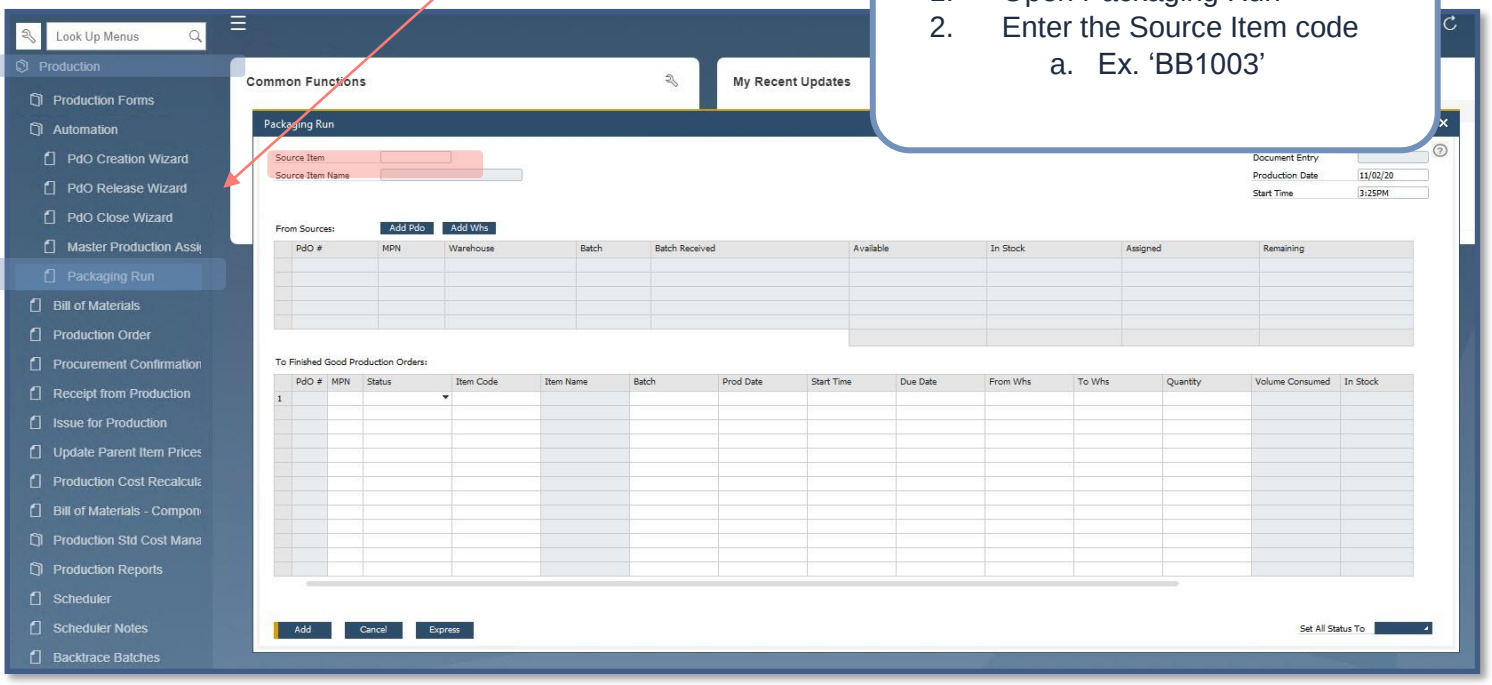
13. Click <**Create**>
    a. Wait until ALL Production Orders disappear from the screen
    b. DO NOT click Create again
14. Click <**Cancel**> to close the PdO Creation Wizard function

Plan packaging for the future

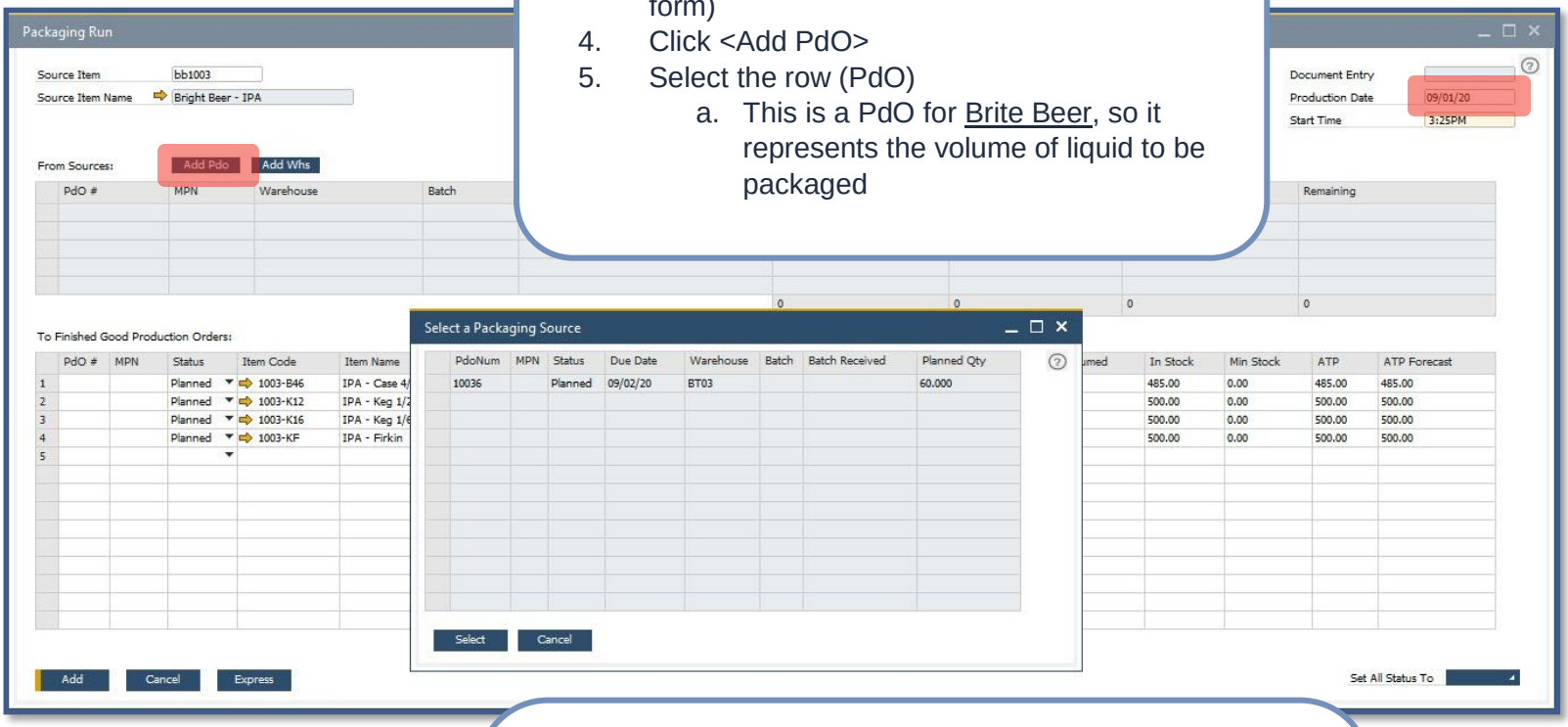
Plan **Packaging** for the future

Modules > Production > Automation > Packaging Run

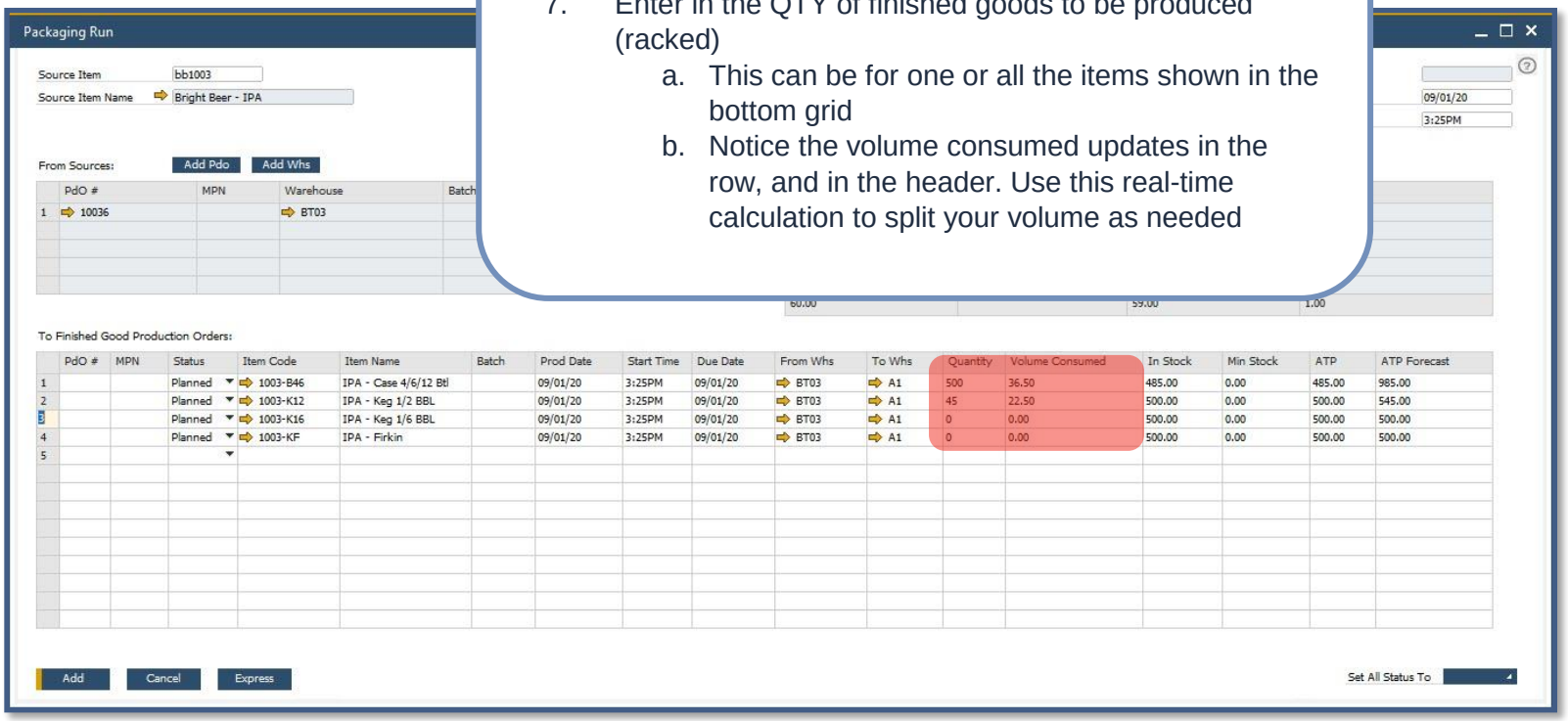
1. Open Packaging Run
2. Enter the Source Item code
   a. Ex. ‘BB1003’

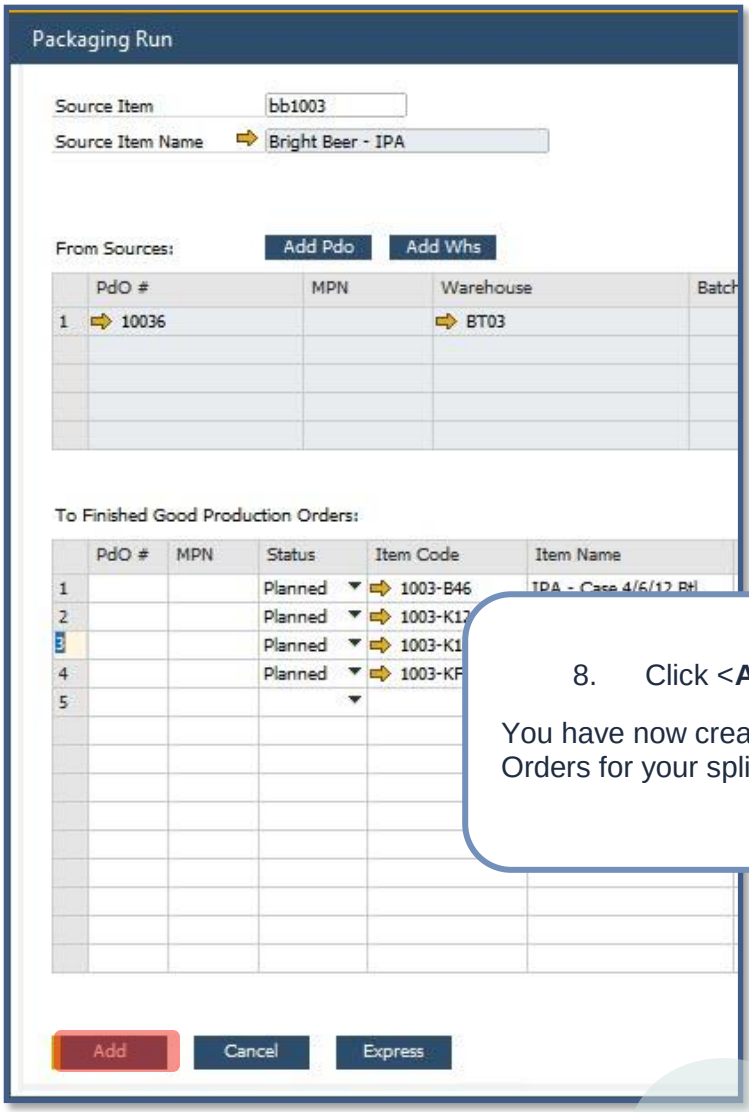


3. Enter the Production Date (top right-hand of form)
4. Click <Add PdO>
5. Select the row (PdO)
    a. This is a PdO for Brite Beer, so it represents the volume of liquid to be packaged



6. Double check the Warehouse information in the bottom grid
7. Enter in the QTY of finished goods to be produced (racked)
    a. This can be for one or all the items shown in the bottom grid
    b. Notice the volume consumed updates in the row, and in the real-time calculation to split your volume as needed





8. Click <**Add**>

You have now created Production Orders for your splits, all in one function!

Using the Production Run is the easiest way to handle planning our packaging splits!

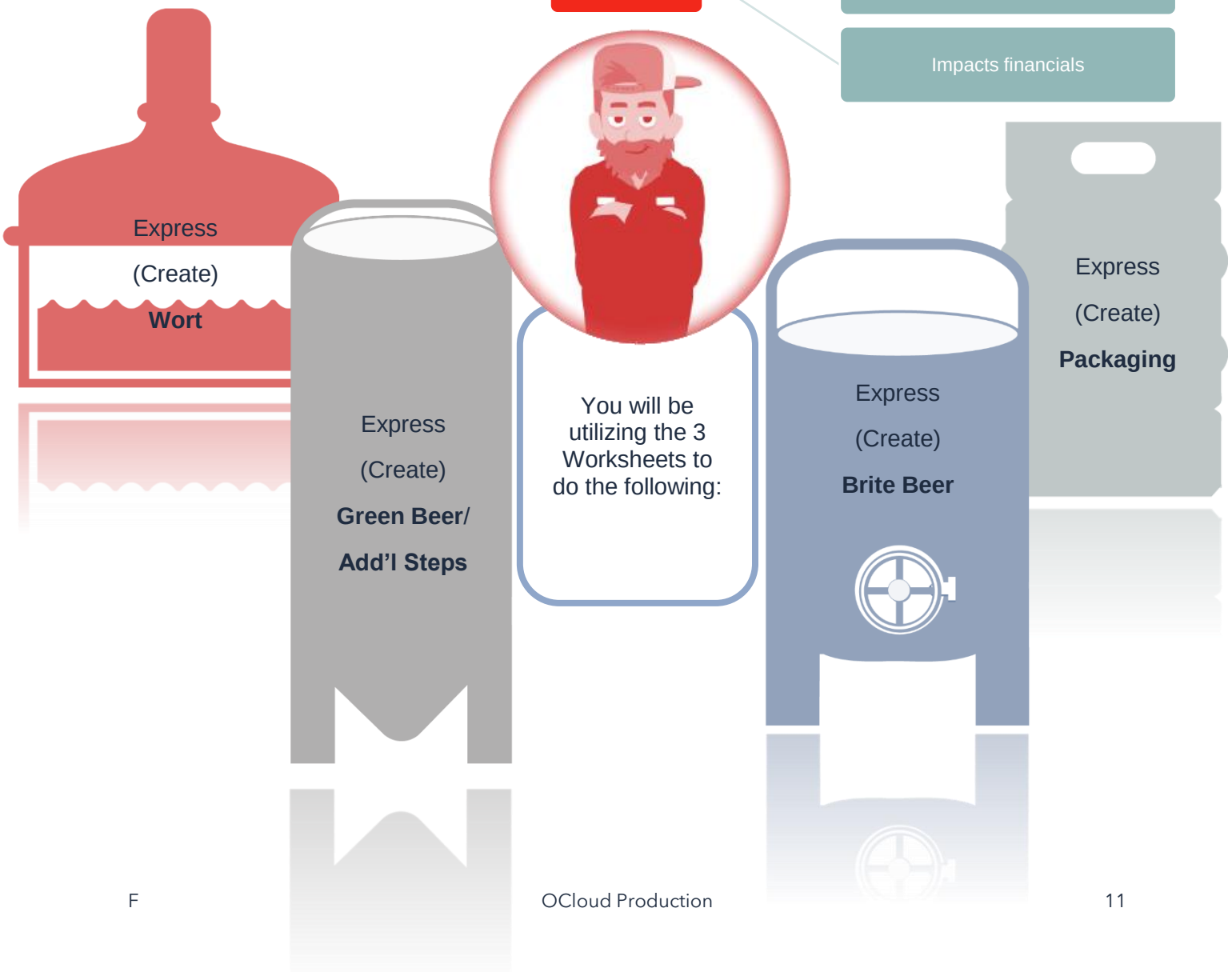
Worksheets & expressing

Worksheets

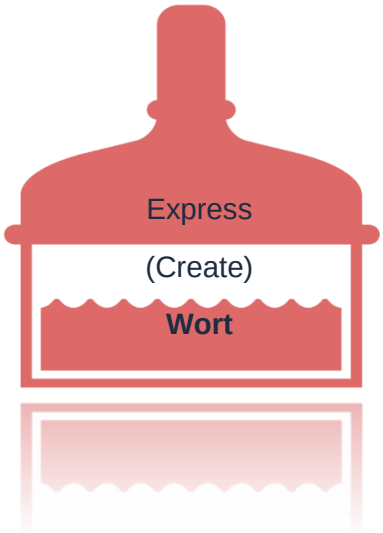
What are they?
- The ACTION!
- Physical manifestation of the Production Order

What do they do?
- Expresses (Creates) end product
- Decrements and Increments inventory as Production occurs

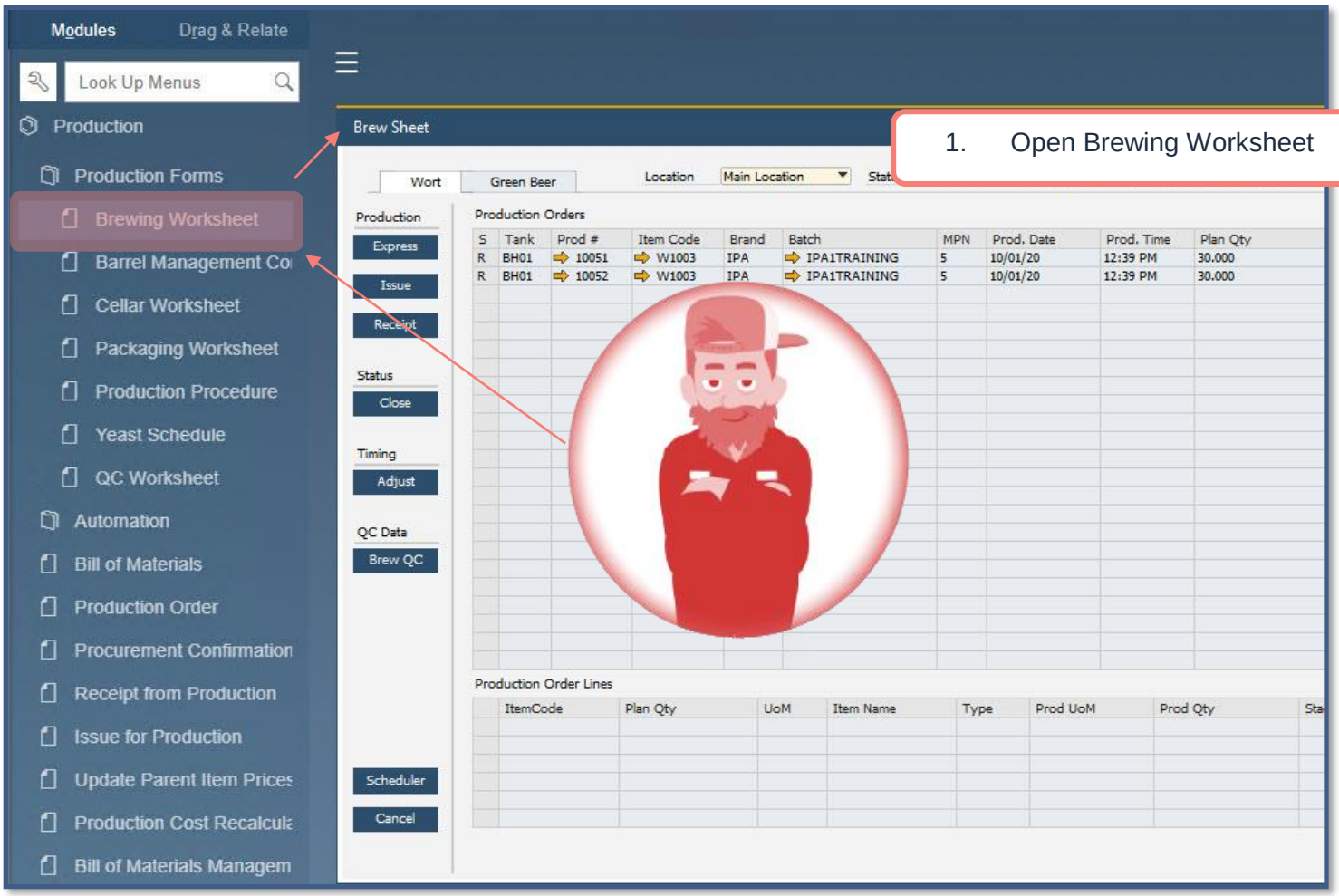
Why use them?
- Reflects inventory location, cost and loss in real time
- Affects TTB
- Impacts financials

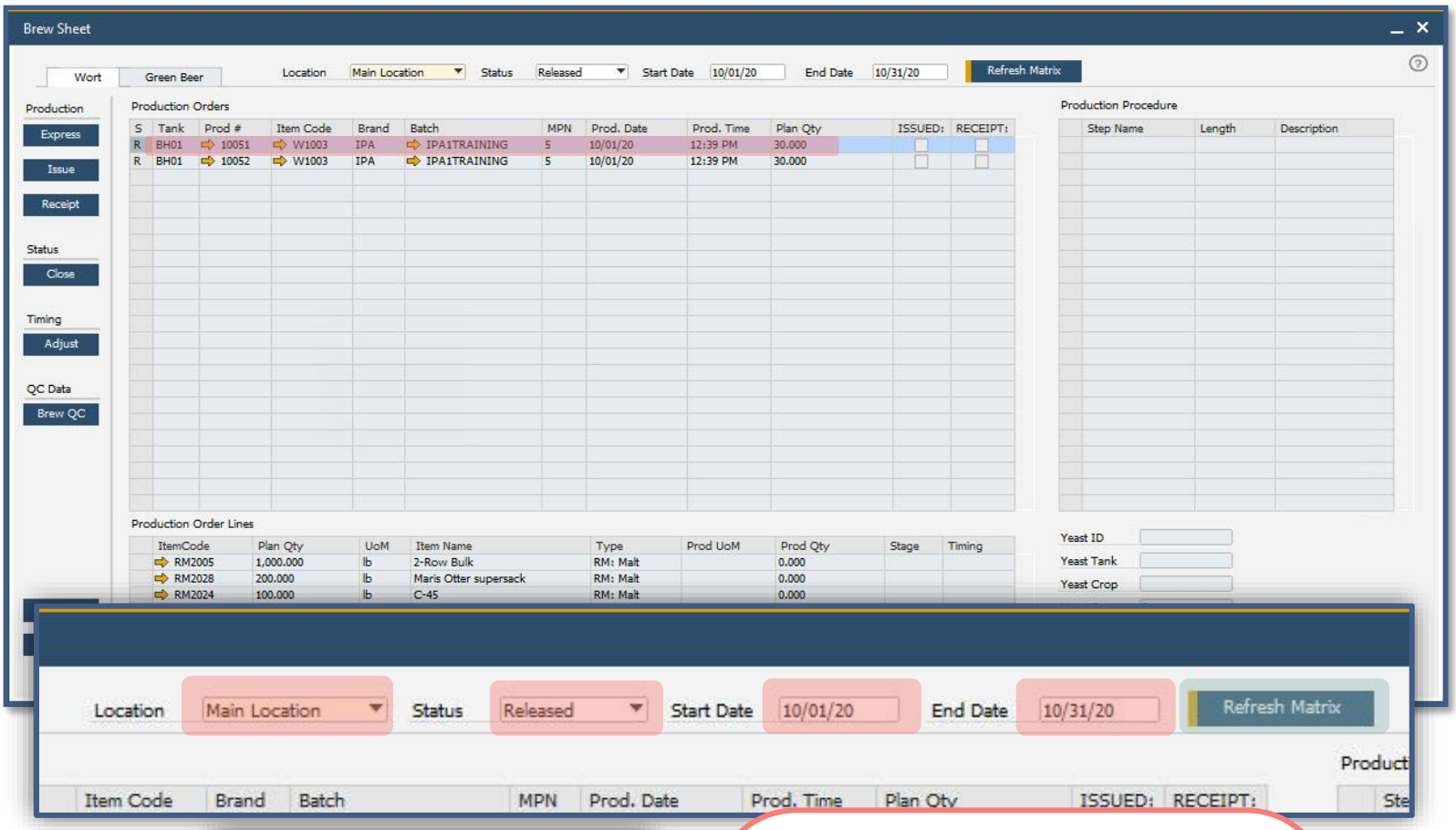


Express wort



Modules > Production > Production Forms > Brewing Worksheet

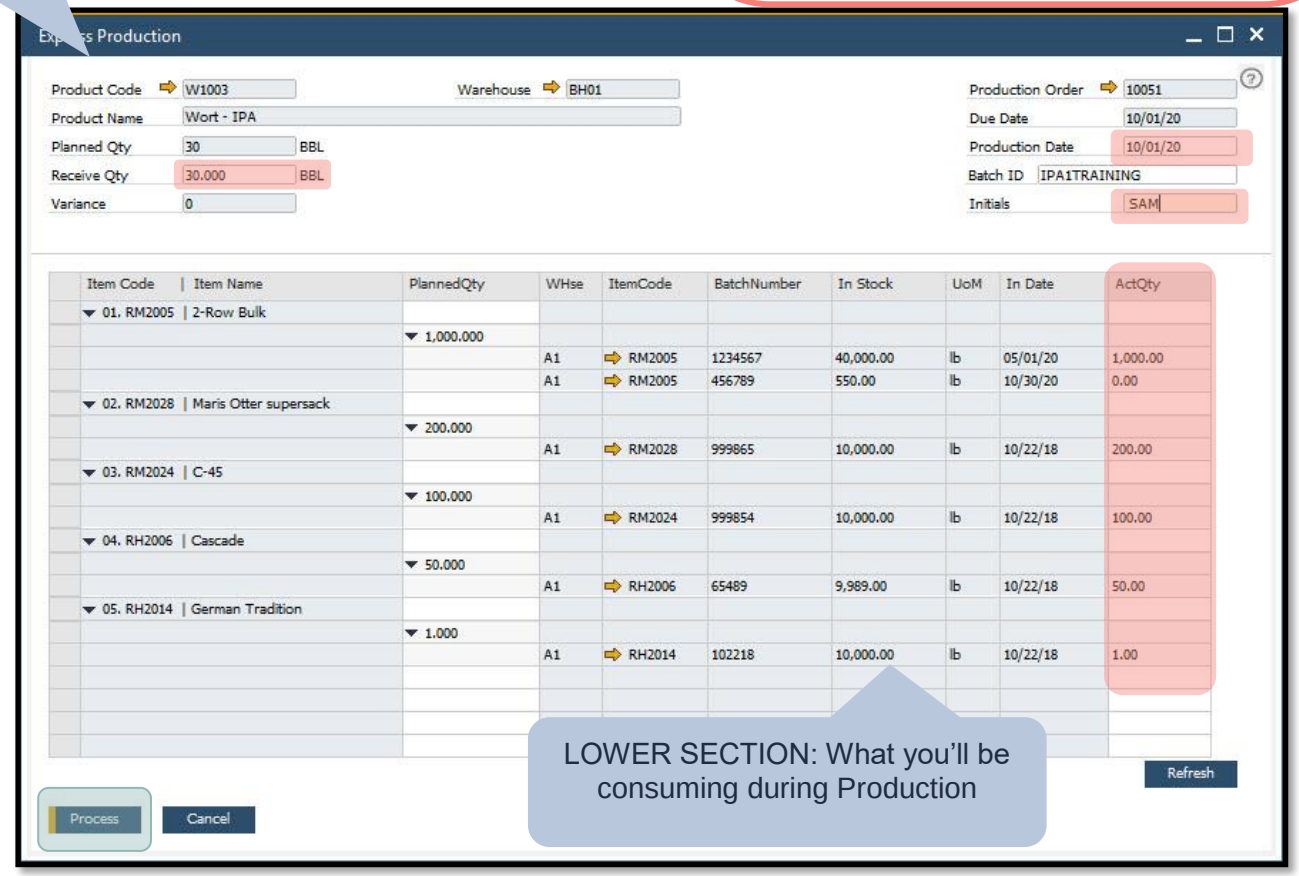




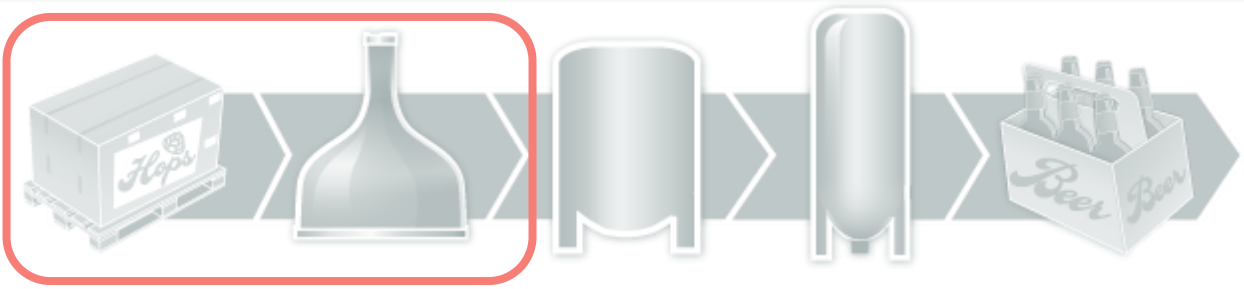
2. Select Location
3. Select ‘Start Date’ & ‘End Date’ for the production orders you are ready to Express
4. Ensure ‘Status’ dropdown is set to Released
5. Click <**Refresh Matrix**>
6. Highlight the PdO for Wort you’re ready to made by clicking the row
7. Click <**Express**>

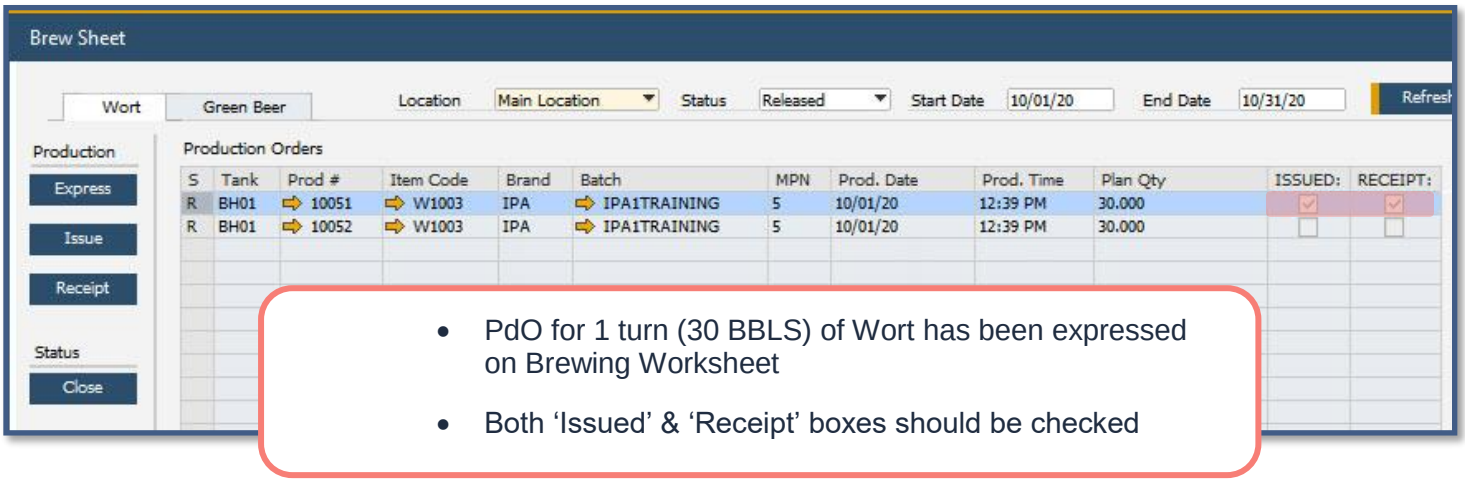
UPPER SECTION:
What you're making!

8. Enter 'Receive Qty'
9. Enter 'Initials'
10. Confirm 'Production Date'
11. In lower section (materials consumed) confirm quantity used of each individual item
    a. The far right 'ActQty' column is where you will enter actual quantities you want taken out of inventory
12. Click <**Process**>

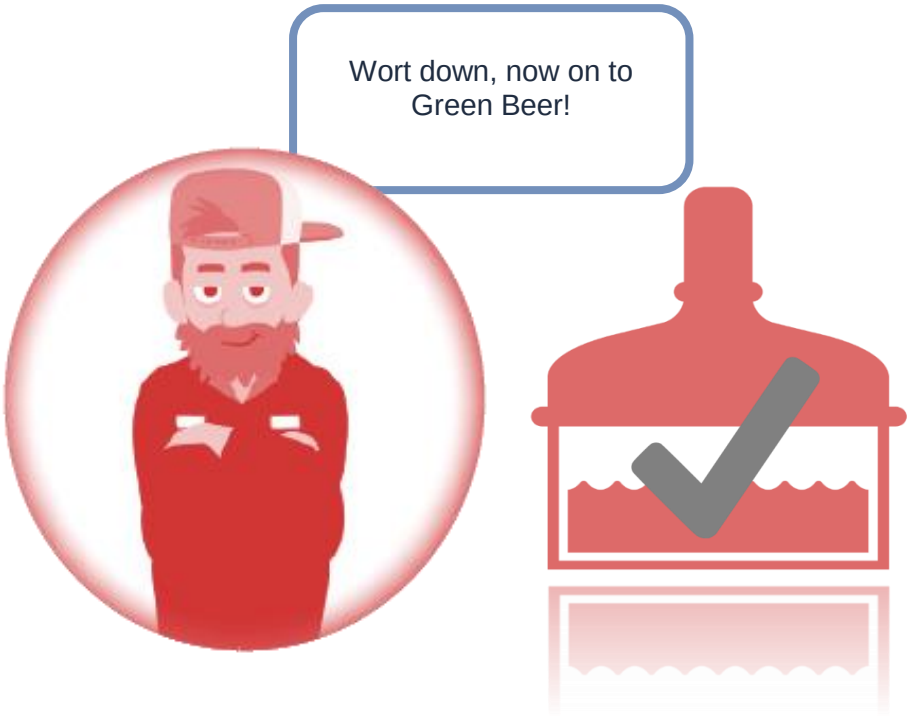


LOWER SECTION: What you'll be consuming during Production

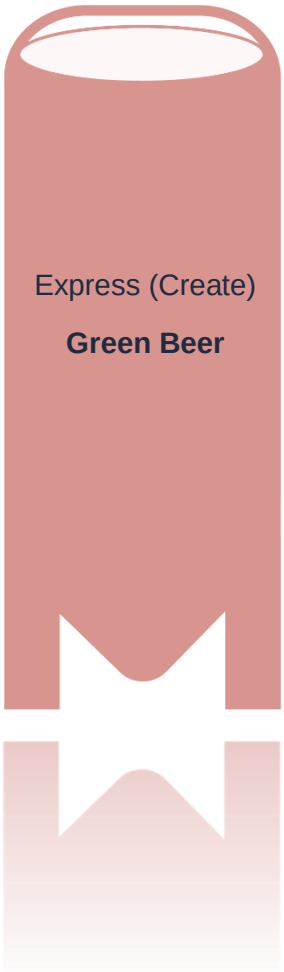




- PdO for 1 turn (30 BBLS) of Wort has been expressed on Brewing Worksheet
- Both ‘Issued’ & ‘Receipt’ boxes should be checked



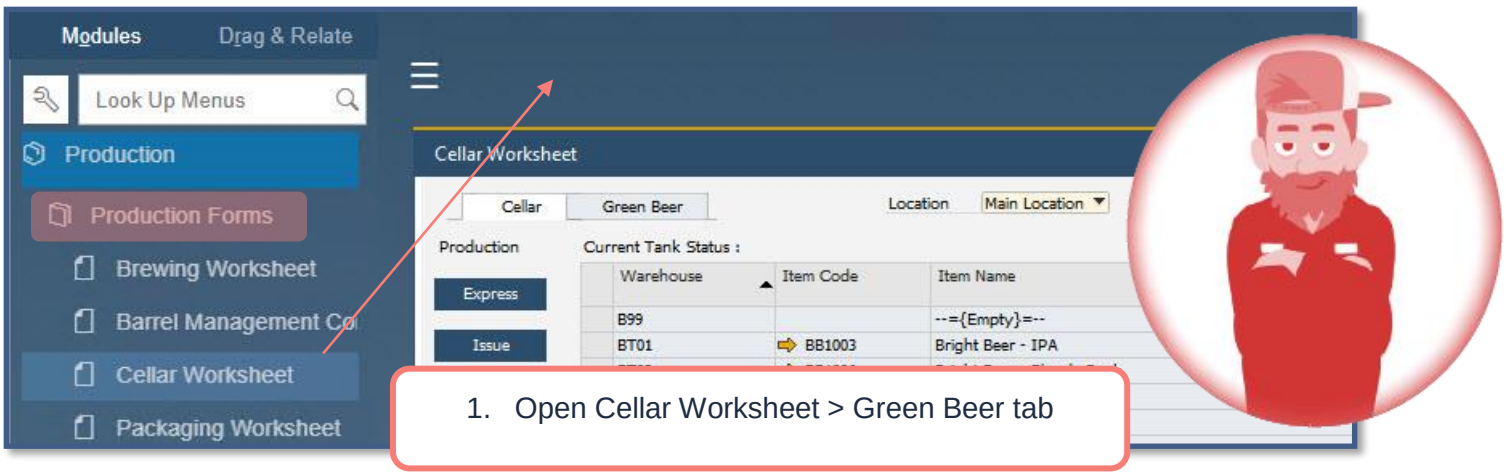
Express green beer



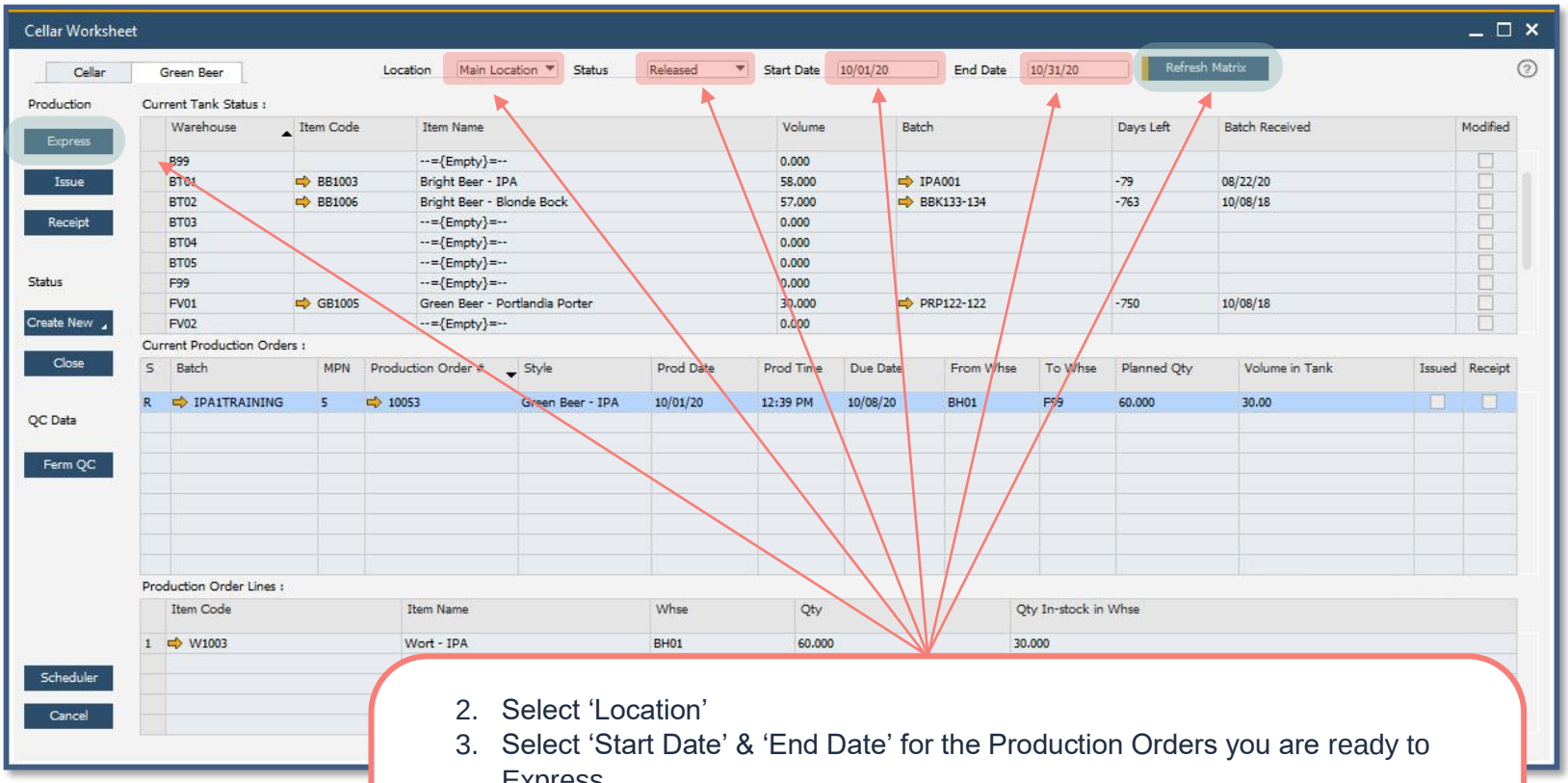
Modules > Production > Production Forms > Cellar Worksheet > Green Beer tab

or

Modules > Production > Production Forms > Brewing Worksheet > Green Beer tab

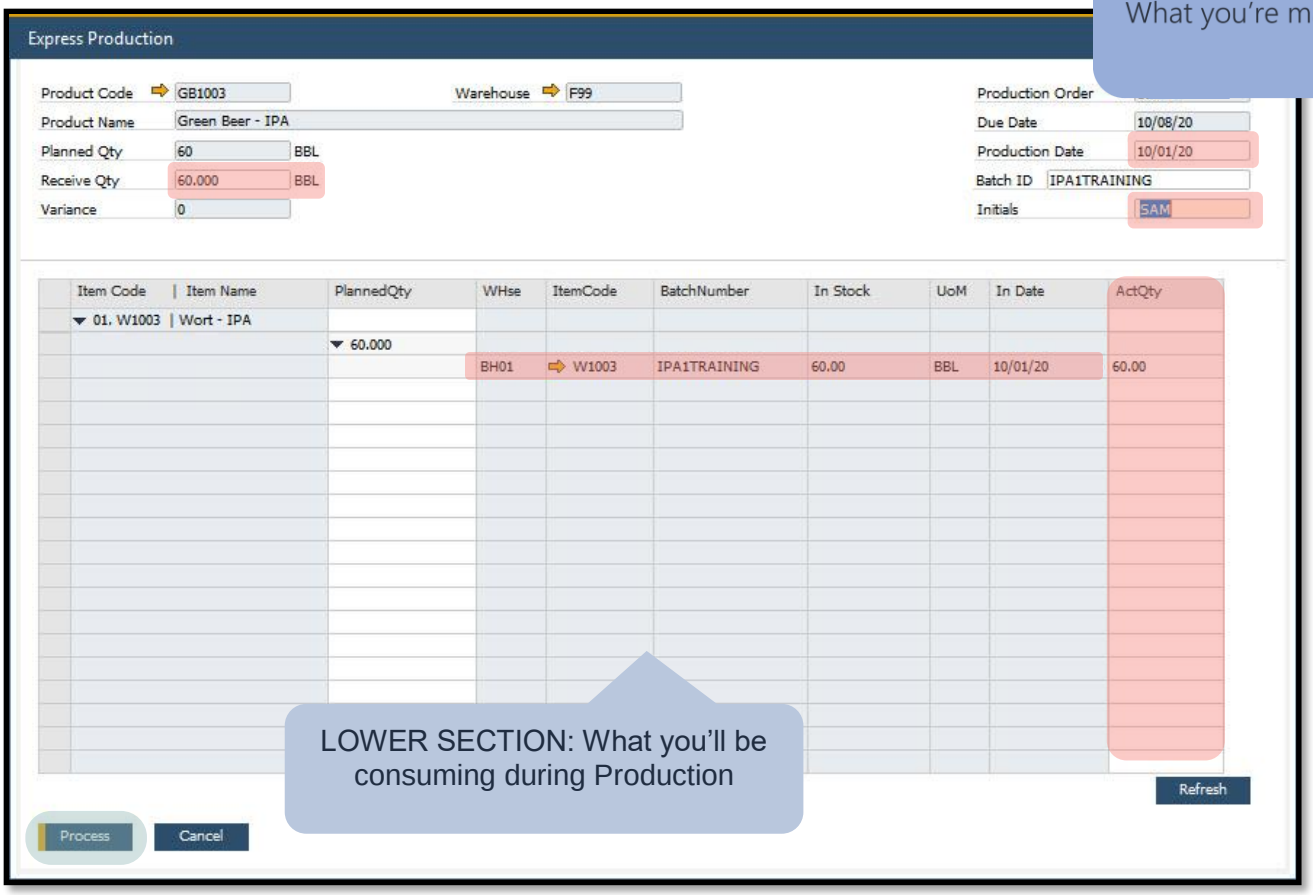


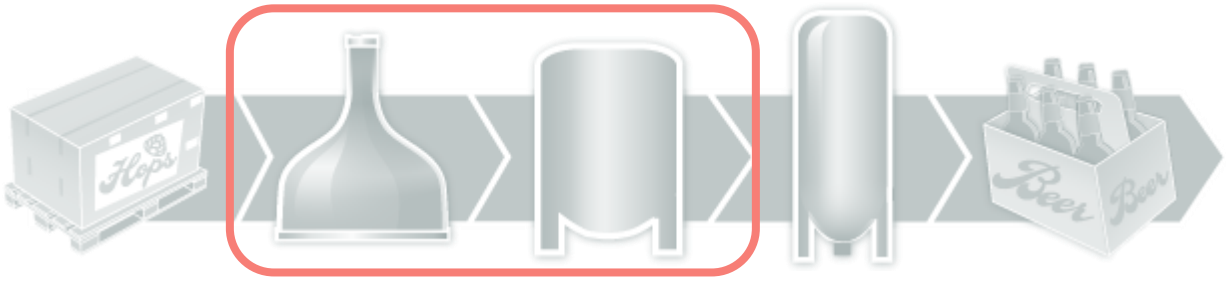
1. Open Cellar Worksheet > Green Beer tab

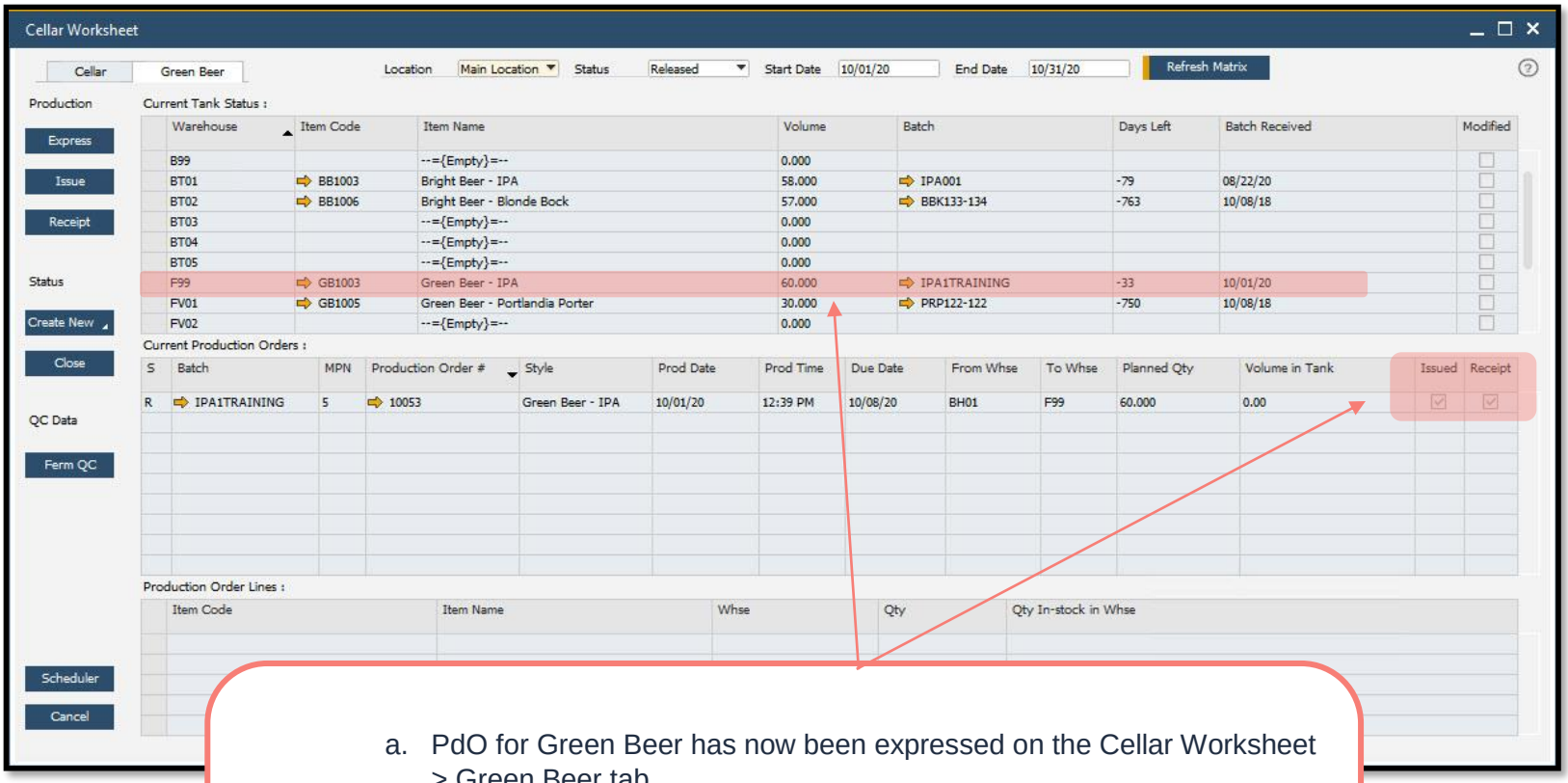


2. Select ‘Location’
3. Select ‘Start Date’ & ‘End Date’ for the Production Orders you are ready to Express
4. Ensure ‘Status’ dropdown is set to Released
5. Click <**Refresh Matrix**>
6. Highlight to PdO for Green Beer you’re ready to make by clicking the row
7. Click <**Express**>

8. Enter ‘Receive Qty’
9. Enter ‘Initials’
10. Confirm Production Date
11. In lower section (materials consumed) confirm quantity of Wort in the Brewhouse
    a. Be sure to consume all of it so no residual is left in your tank (ActQty needs to equal true, in-stock amount of Wort)
12. Click <**Process**>

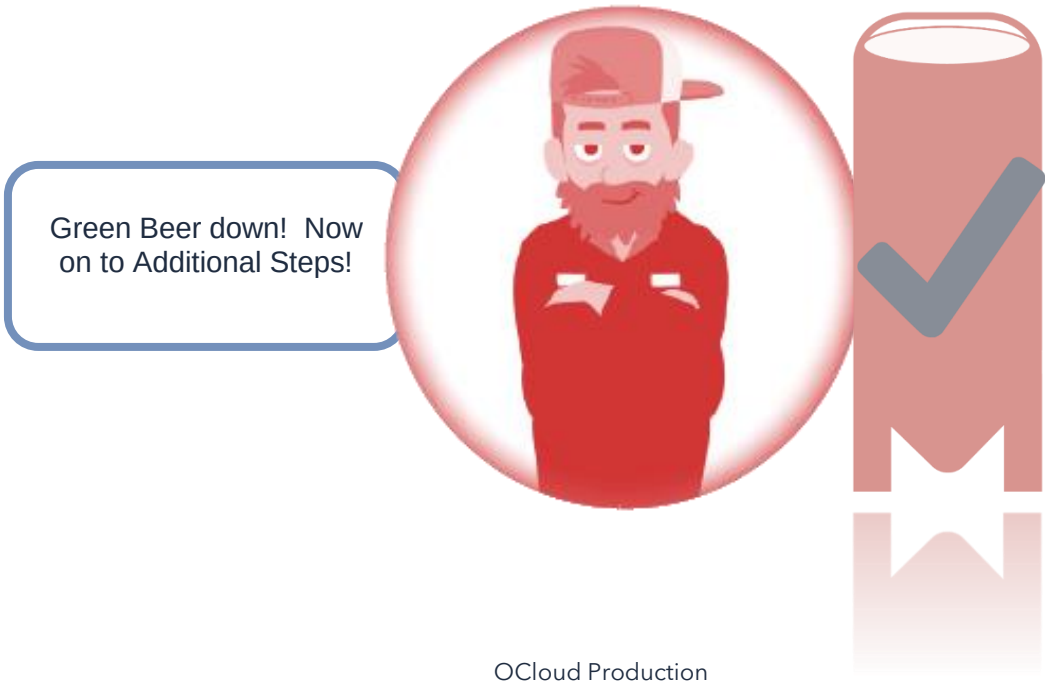






a. PdO for Green Beer has now been expressed on the Cellar Worksheet > Green Beer tab
b. Both 'Issued' & 'Receipt' boxes should be checked

13. Current Tank Status
    a. Should now reflect Green Beer sitting in the correct Warehouse (Fermenter)



Express additional steps

Express (Create)

Additional

Steps*

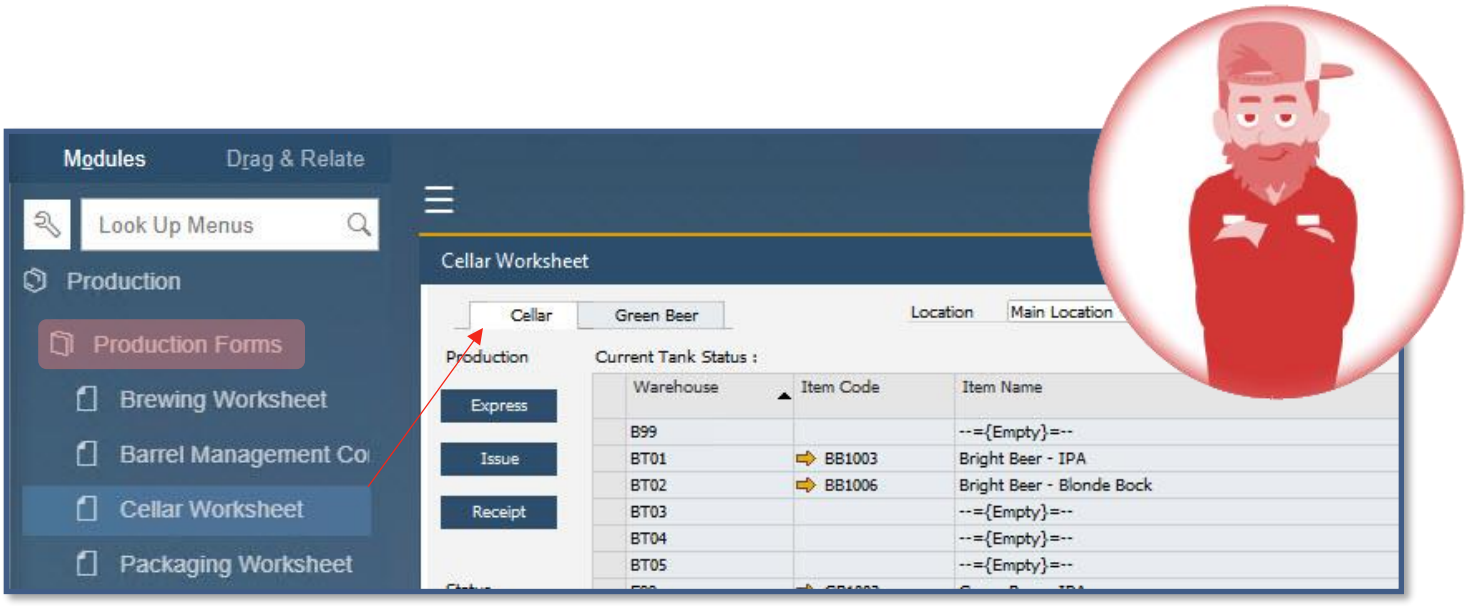
Modules > Production > Production Forms > Cellar Worksheet > Cellar tab

*Any additional steps (i.e. Dry Hop, Fruited, Barrel Aged) will be Expressed in the exact same manner as Green Beer & Brite Beer. Follow the previous or following instructions for your additional step! You will begin from the Cellar tab of the Cellar Worksheet.

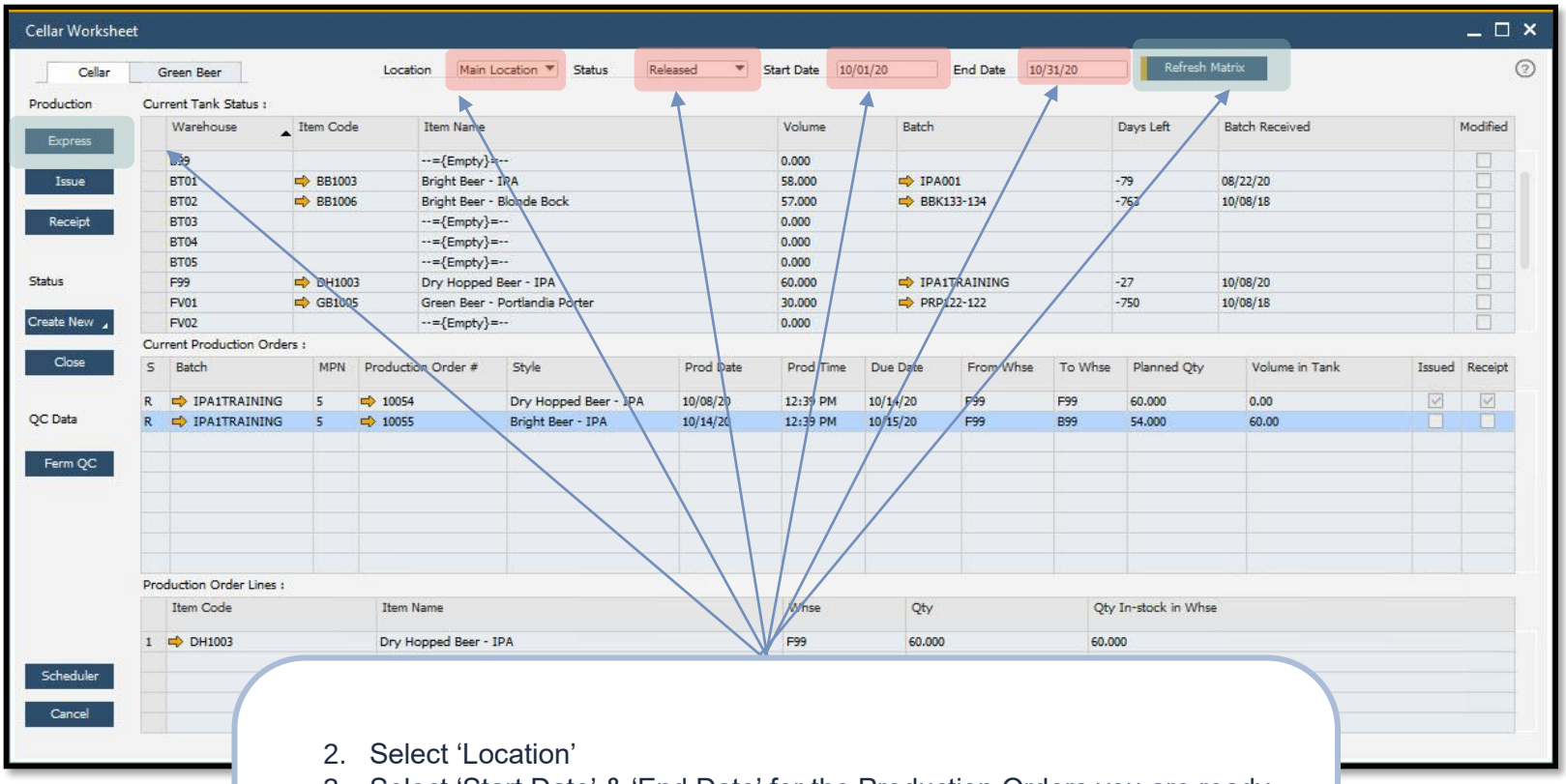
Got it! Now on to Expressing Brite Beer!

Express brite beer

Modules > Production > Production Forms > Cellar Worksheet > Cellar tab



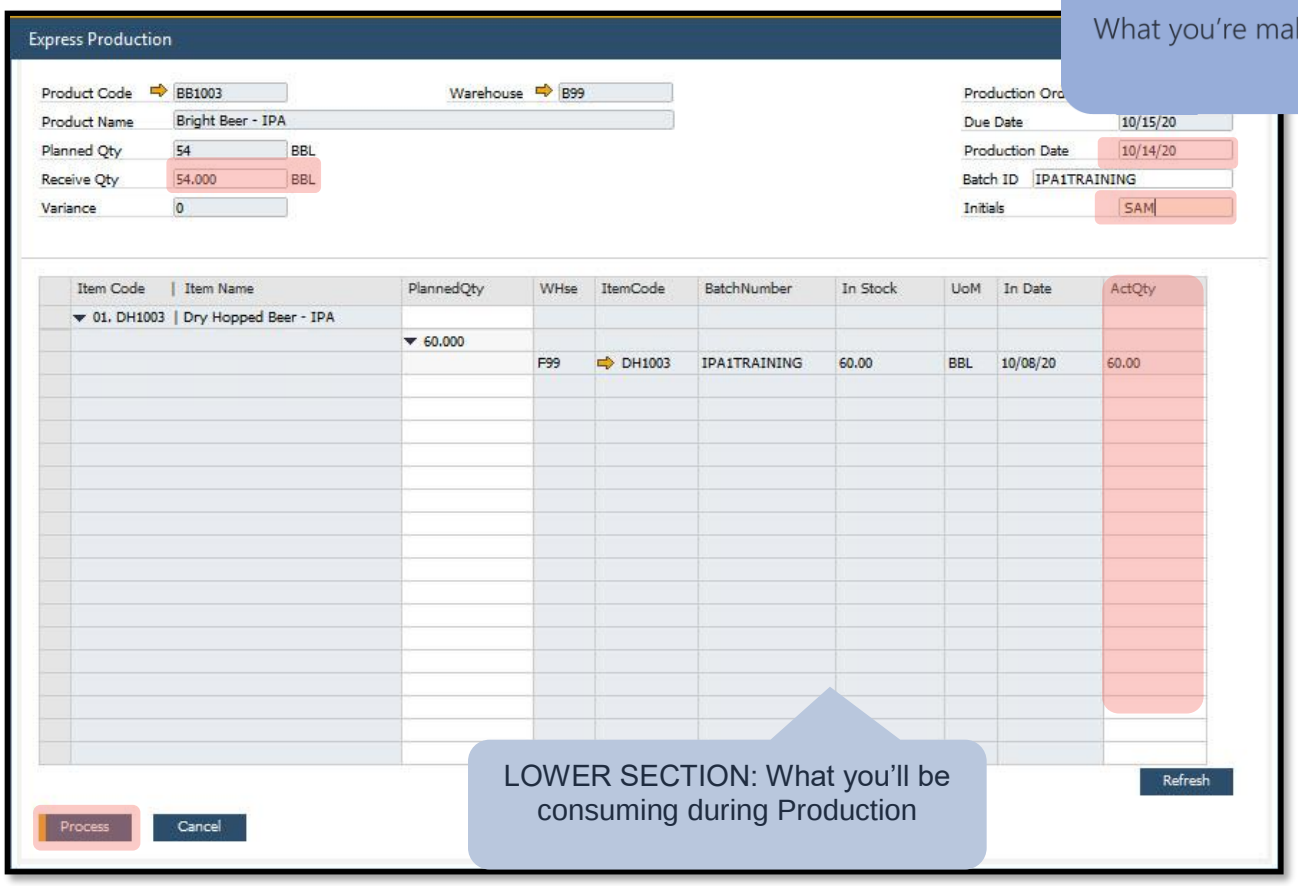
1. Open Cellar Worksheet > Cellar tab



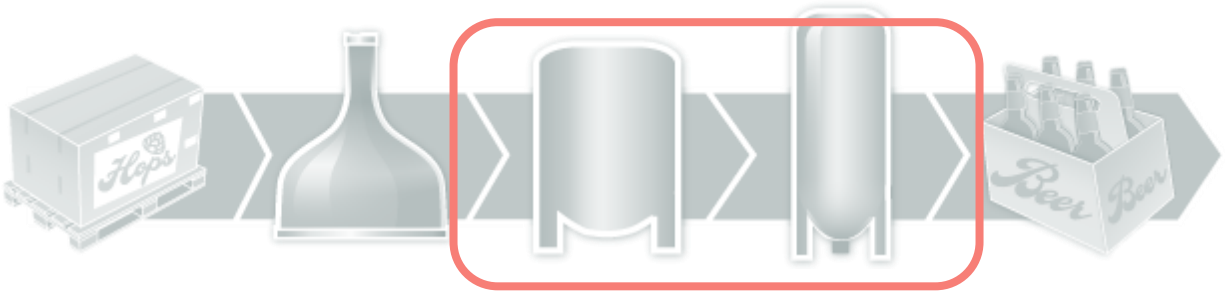
2. Select ‘Location’
3. Select ‘Start Date’ & ‘End Date’ for the Production Orders you are ready to Express
4. Ensure ‘Status’ dropdown is set to Released
5. Click <**Refresh Matrix**>
6. Highlight the PdO for Brite Beer you’re ready to make by clicking the row
7. Click <**Express**>

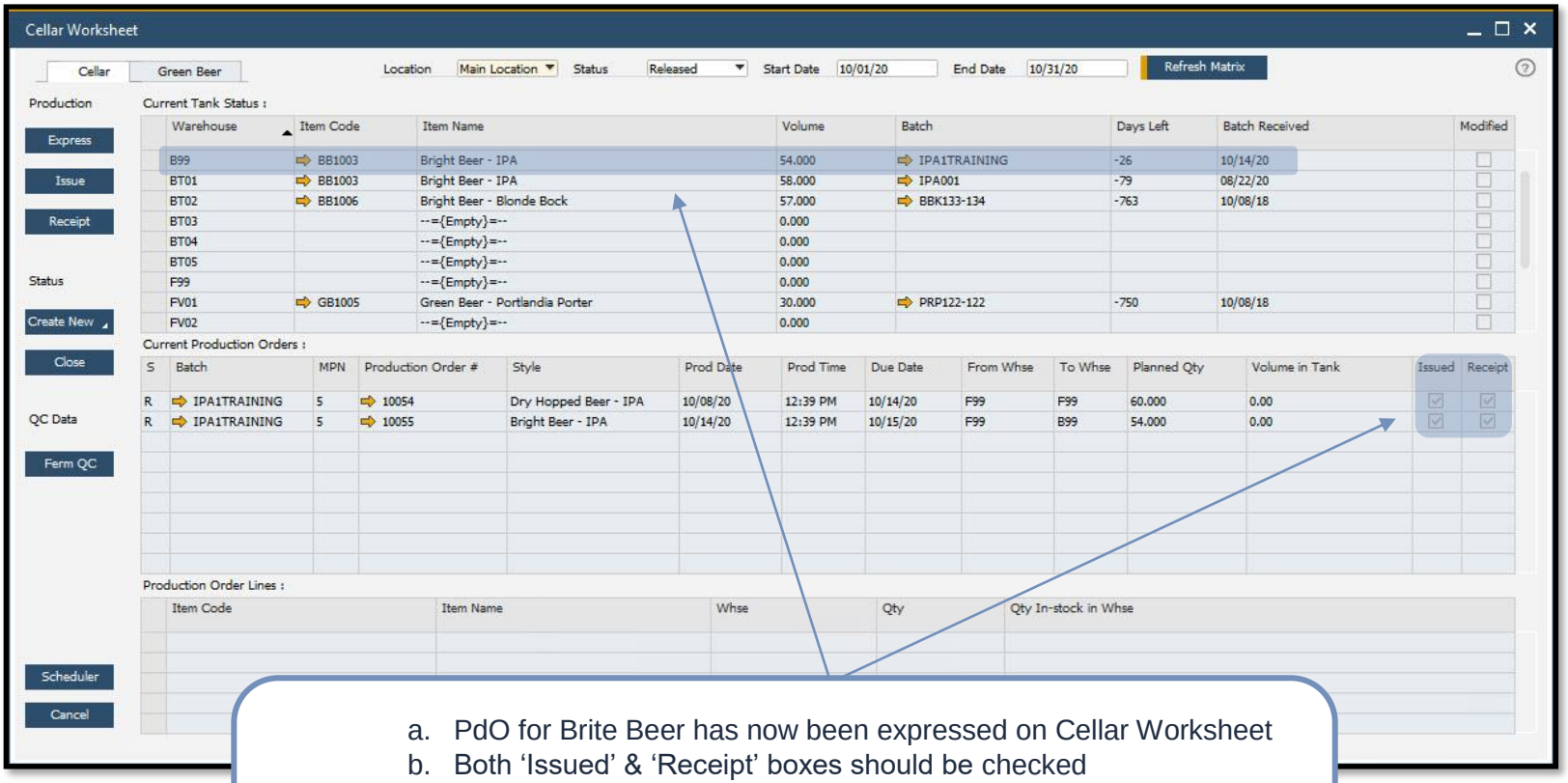
8. Enter ‘Receive Qty’
9. Enter ‘Initials’
10. Confirm ‘Production Date’
11. In lower section (materials consumed) confirm quantity of Green Beer/Additional Step in the Fermenter
    a. Be sure to consume all of it so no residual is left in your tank (ActQty needs to equal true, in-stock amount of Green Beer/Additional Step)
12. Click <**Process**>

UPPER SECTION: What you’re making!



LOWER SECTION: What you’ll be consuming during Production





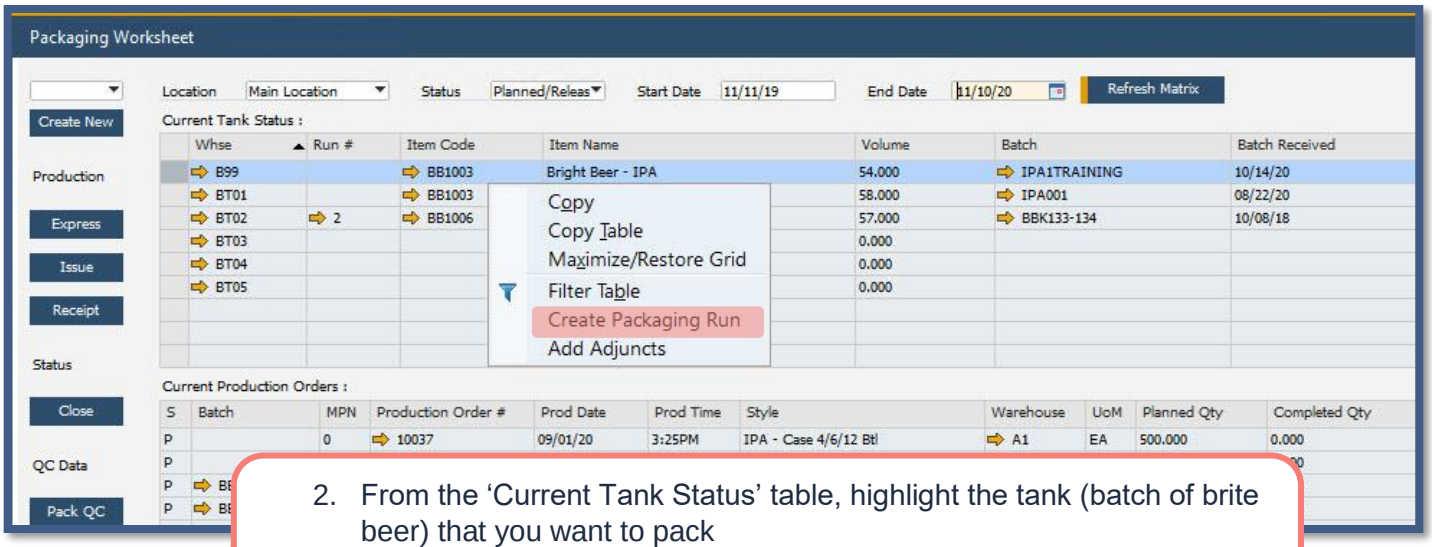
a. PdO for Brite Beer has now been expressed on Cellar Worksheet
b. Both ‘Issued’ & ‘Receipt’ boxes should be checked

13. Current Tank Status
    a. Should now reflect Brite Beer sitting in the correct Warehouse (Brite Tank)

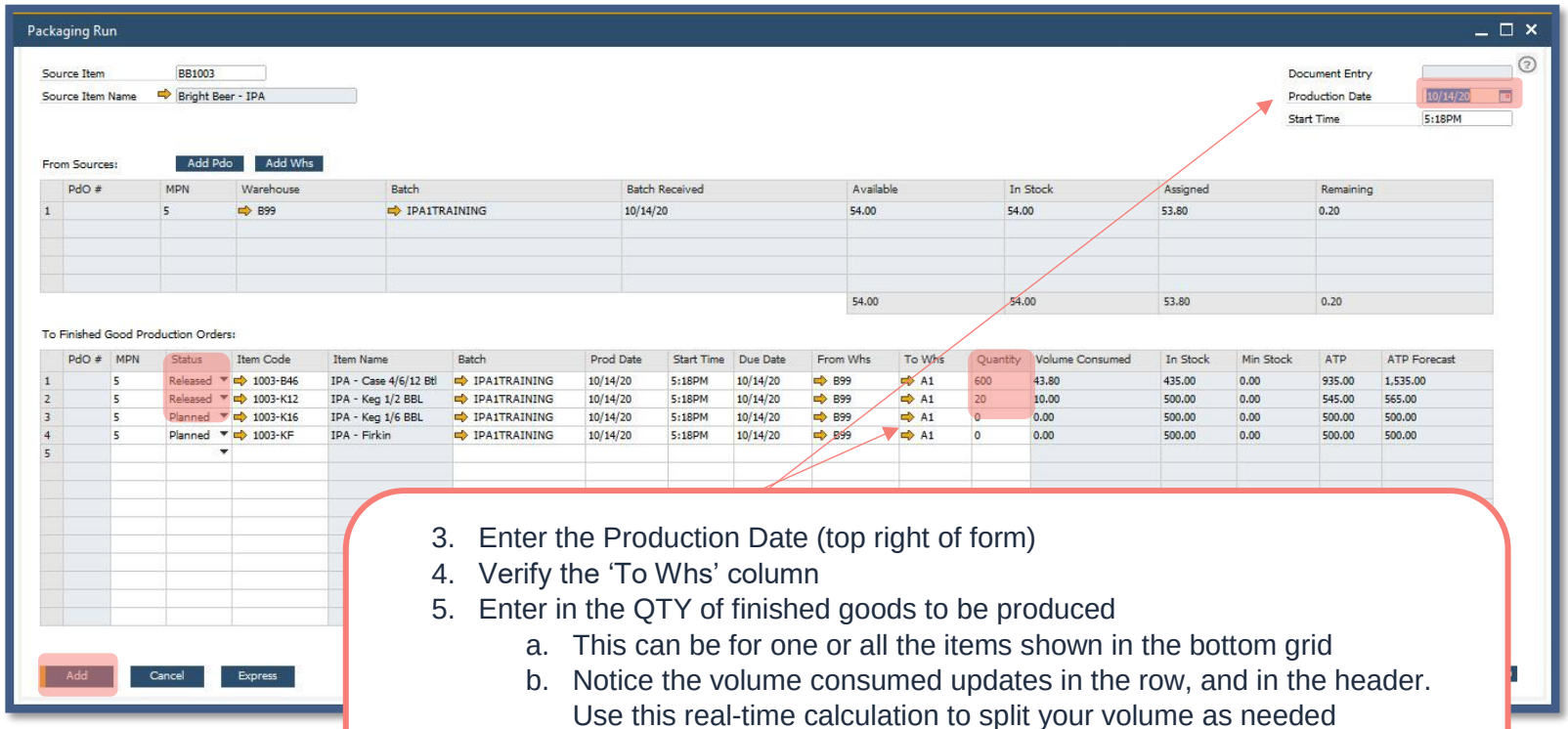
Cool! Expressing works the same way for each step! Now, how about Packaging?

Plan packaging based on brite beer in the tank

Modules > Production > Production Forms > Packaging Worksheet



2. From the 'Current Tank Status' table, highlight the tank (batch of brite beer) that you want to pack
3. Right Click > Create Packaging Run



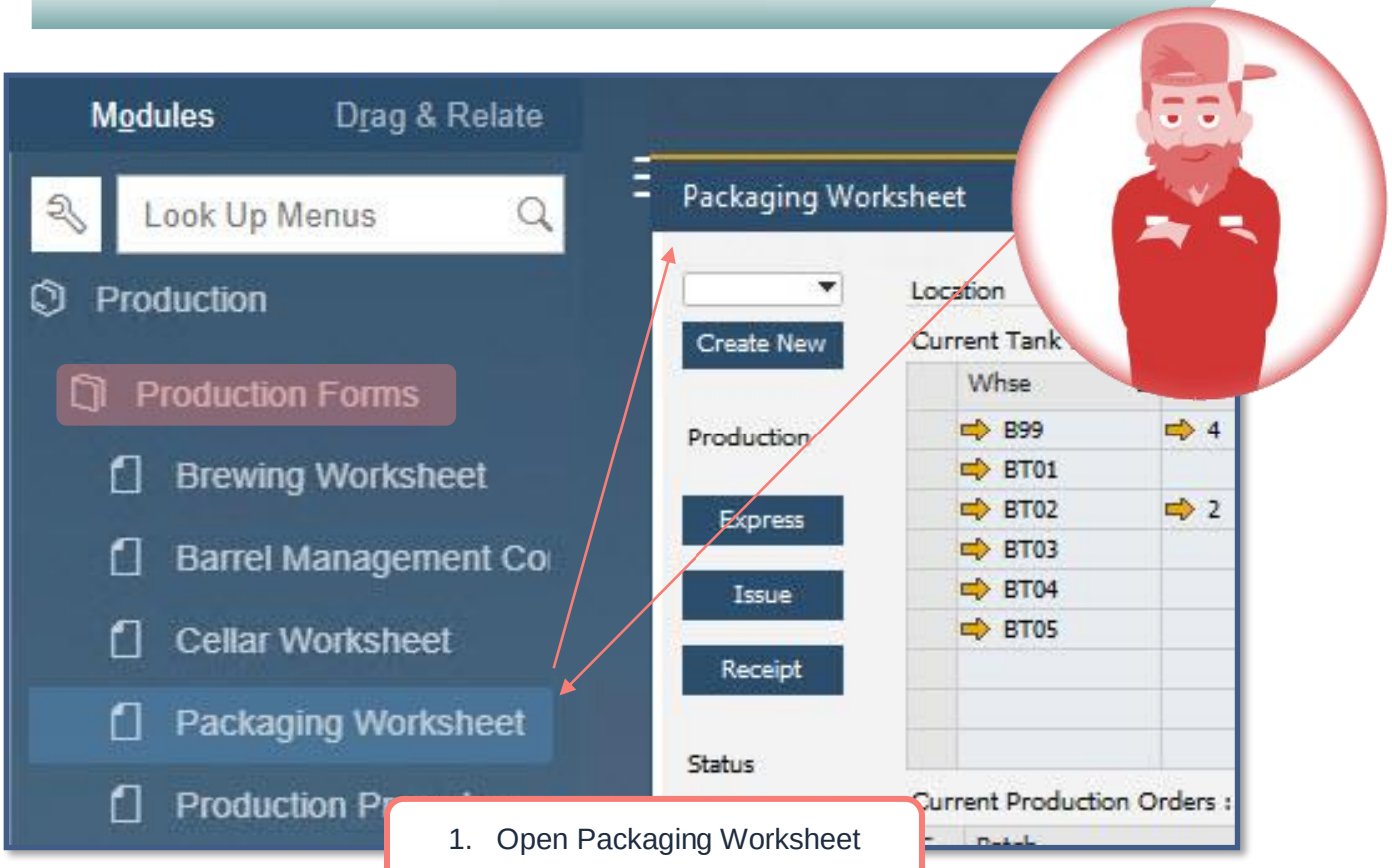
3. Enter the Production Date (top right of form)
4. Verify the 'To Whs' column
5. Enter in the QTY of finished goods to be produced
    a. This can be for one or all the items shown in the bottom grid
    b. Notice the volume consumed updates in the row, and in the header. Use this real-time calculation to split your volume as needed
6. Set Status to "Released"
7. Click <Add>

Express packaging

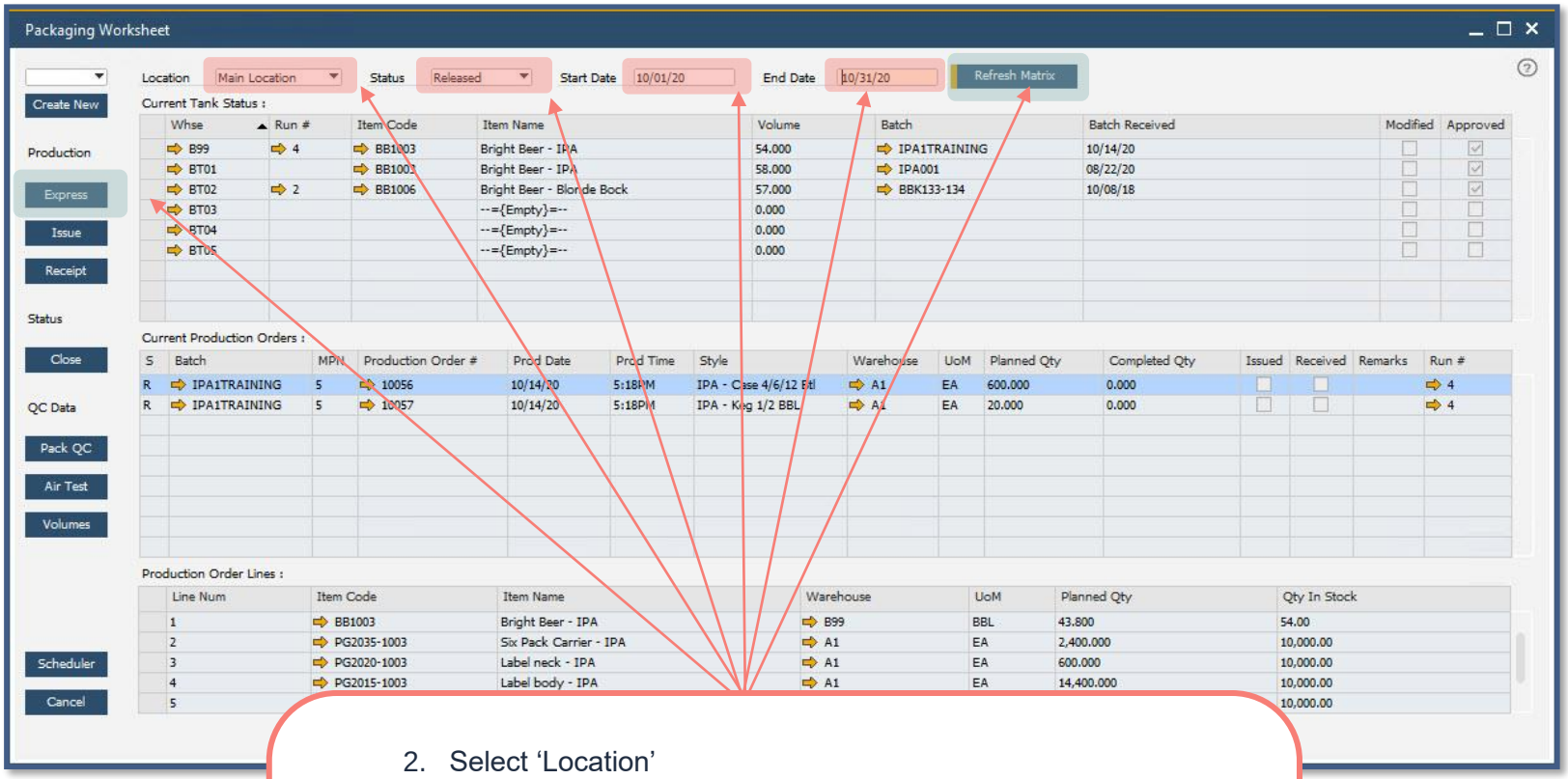
Express (Create)

Packaging

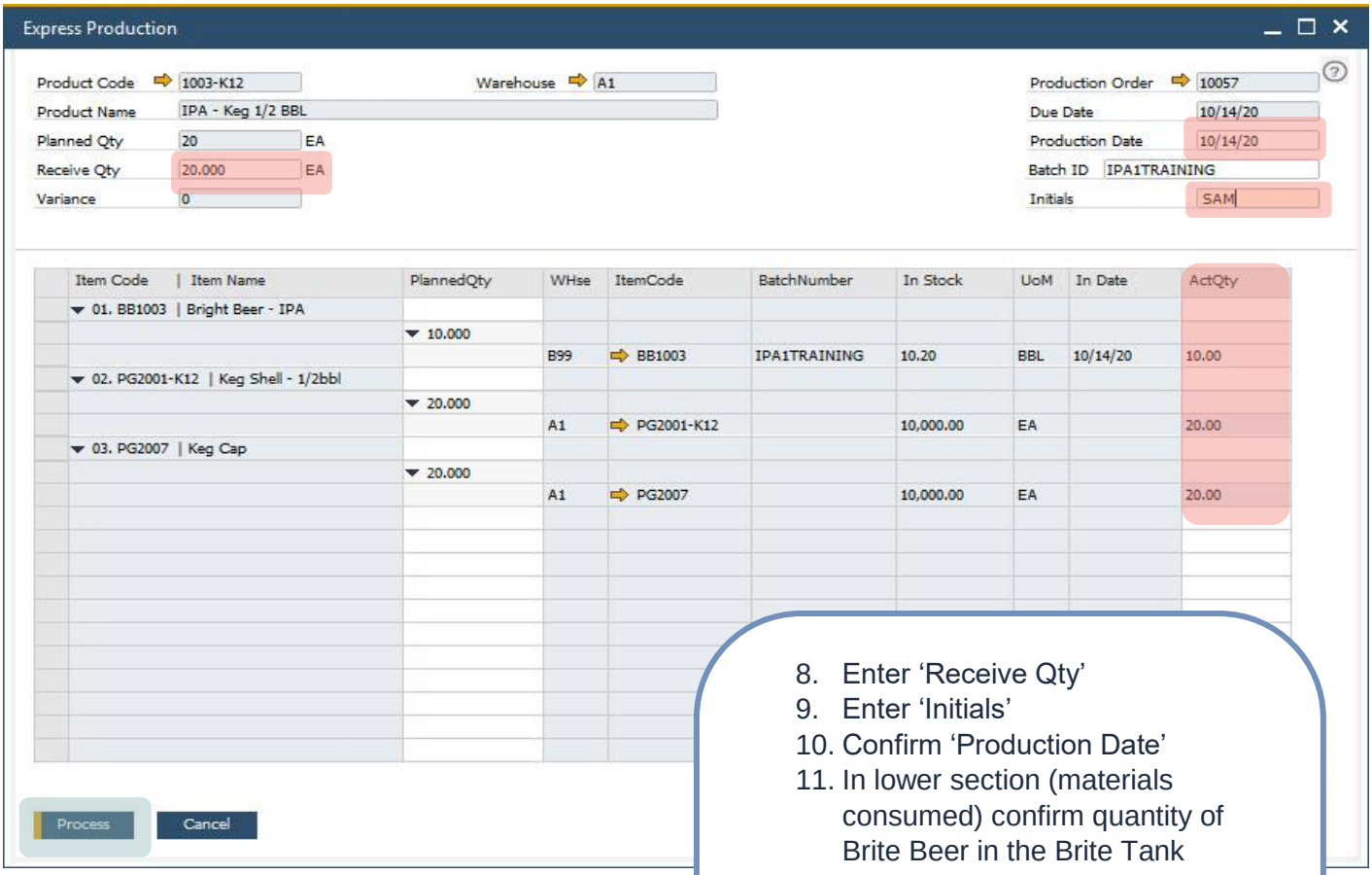
Modules > Production > Production Forms > Packaging Worksheet



1. Open Packaging Worksheet



2. Select ‘Location’
3. Select ‘Start Date’ & ‘End Date’ for the Production Orders you are ready to Express
4. Ensure ‘Status’ dropdown is set to Released
5. Click <**Refresh Matrix**>
6. Highlight the PdO for Packaged Goods you’re ready to fulfill by clicking the row
7. Click <**Express**>

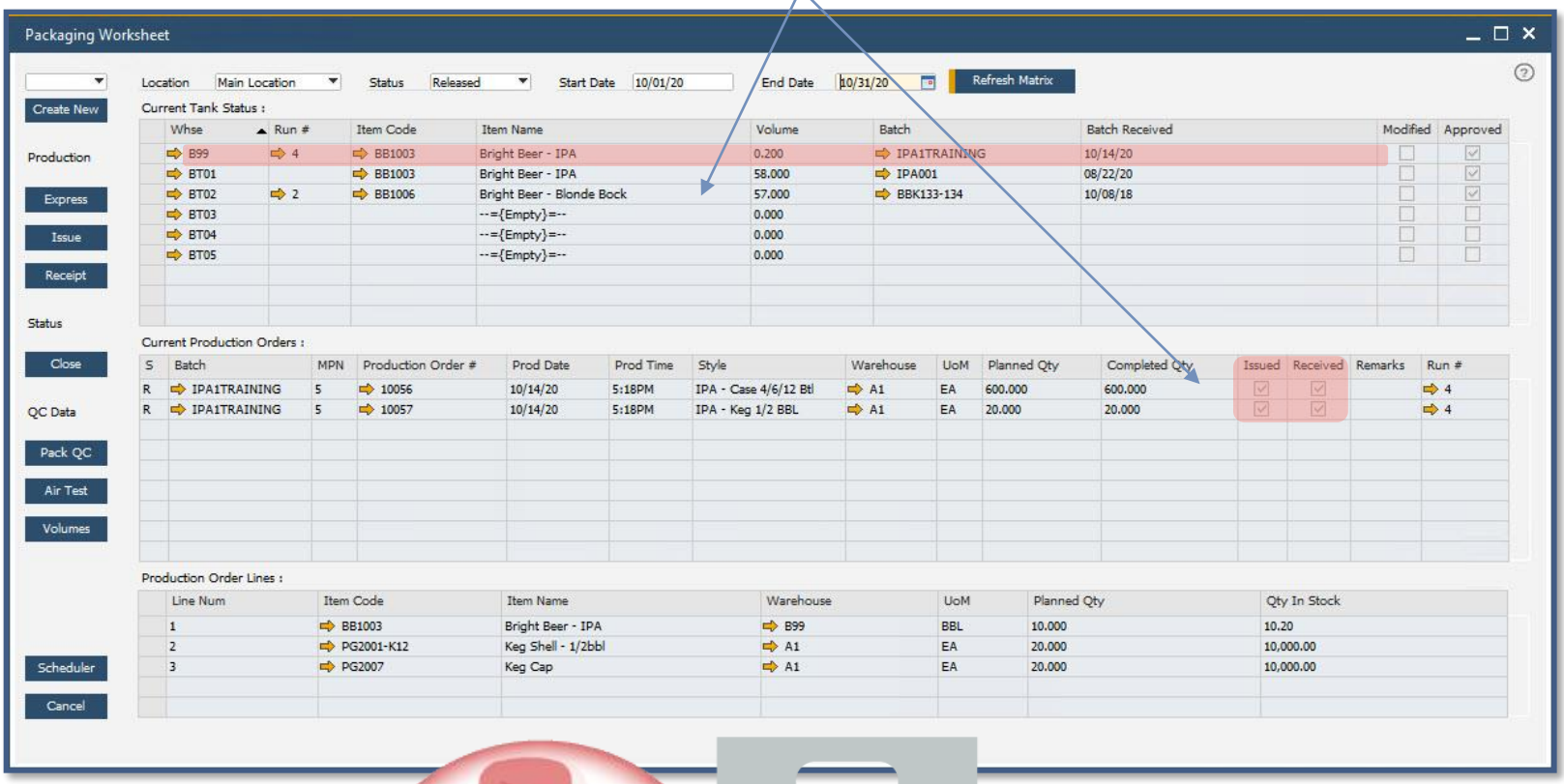


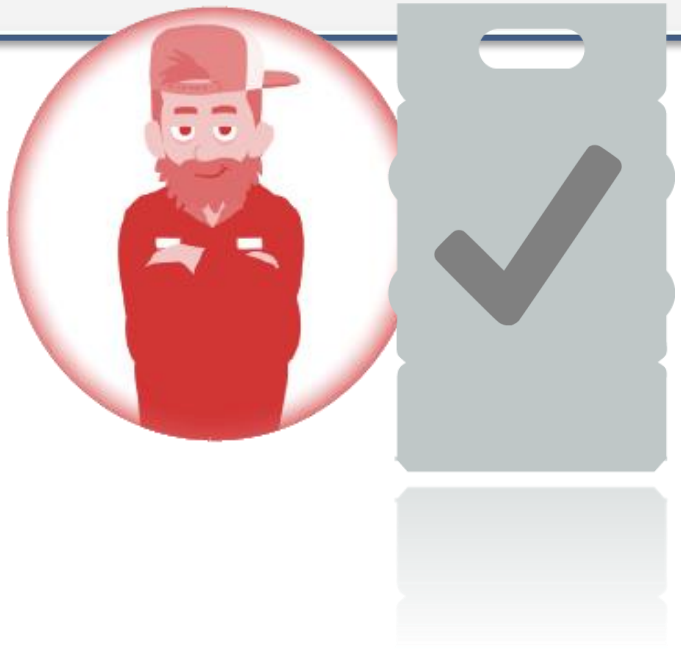
8. Enter 'Receive Qty'
9. Enter 'Initials'
10. Confirm 'Production Date'
11. In lower section (materials consumed) confirm quantity of Brite Beer in the Brite Tank
    a. Be sure to consume all of it so no residual is left in your tank (ActQty needs to equal true, in-stock amount of Brite Beer)
12. Click <**Process**>

If packaging multiple items, express the next PdO that needs to be fulfilled

a. PdO(s) for Packaged Goods have now been expressed on Packaging Worksheet
b. Both ‘Issued’ & ‘Receipt’ boxes should be checked

13. Current Tank Status
    a. Should now reflect Brite Beer removed/decremented from previous Warehouse (Brite Tank)





Nice! Expressing Pro-Status!