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VINx2 Costing Guide

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1. Introduction

VINx2 allows you to track wine production costs inline to the wine production process. For any bulk wine or bottled stock item you can see a detailed cost breakdown as well as the history of all the events that have impacted on the cost of that wine e.g. blending two wines together. Several costing categories are supported:

- Fruit
- Bulk wine
- Additions
- Cellar work
- Packaging
- Storage
- Overheads
- Freight
- Other

The total cost and an average unit cost are also clearly displayed.

Stock item details

Stock item | Lots | Distribution | History | **Running cost** | Cost events | Components


Running cost for item 08PIG/12C
Average unit cost (rounded) \$66.11

Cost	(%)
Fruit	\$0.00
Bulk wine	\$0.00
Additions	\$0.00
Cellar work	\$0.00
Packaging	\$0.00
Storage	\$0.00
Overheads	\$0.00
Freight	\$0.00
Other	\$18576.69
Total	\$18576.69

Add costs | Costing report

Actions... | Save | Cancel

If you're using the Advanced Inventory module you can get access to cost information by locating the stock and selecting the *Running cost* tab.

For a bulk wine the above information is accessible by clicking on the  icon when viewing a bulk wine in the *Product Overview*.

For a wine that has been dispatched (bulk or bottle) use the File → Search → Dispatch search function to locate and select the dispatch before choosing the Costing option.

2. Managing and tracking costs

2.1. Fruit costs

Generally speaking it's easier to add costs against all the fruit deliveries after harvest where a total cost can be assigned to each fruit delivery and then imported/uploaded straight into VINx2. However we also provide the option to add costs before/during harvest.

2.1.1. Adding costs before/during harvest

You can setup you fruit cost rates against your blocks for the upcoming harvest by adjusting the **Rate per tonne (\$)** field on each block under Winery Setup → Production → Fruit sources. Select the appropriate Growers and Vineyard in here and update your blocks accordingly.

The screenshot shows the 'Block [UPDATE]' dialog box with the following fields and values:

- Vineyard: BV Vineyard
- Name: Middle Block
- Description: (empty)
- Varietal: Shiraz
- Date Planted: (empty)
- Clone: (empty)
- Rootstock: (empty)
- Trellis Type: (empty)
- Pruning Method: (empty)
- No. of Vines: (empty)
- No. of Rows: (empty)
- Irrigated:
- Organic Certified:
- Grafted:
- Aspect: (empty)
- Elevation: (empty)
- Avg. Gradient: (empty)
- Soil Profile: (empty)
- Avg. Rainfall: (empty)
- Area (units): (empty)
- Planting Density p/unit: (empty)
- Latitude: (empty)
- Longitude: (empty)
- Rate per tonne (\$): (empty) - **highlighted with a red box**
- Weather Station: (empty)
- Accession/Ref: (empty)
- Auto-code: (empty)
- Row spacing: (empty)
- Inactive:

When recording a delivery of fruit the default rate will drop in for you on the Cost / QA / Analysis tab of the delivery information. You can add an additional Freight cost on this screen as well.

The screenshot shows the 'Intake Details' dialog box with the 'Cost / Analysis' tab selected. The 'Cost Details' section contains the following fields:

- Fruit: (empty)
- Freight (Total \$): (empty) - **highlighted with a red box**

2.1.2. Adding costs after harvest

After the busy harvest period, you can run the Grape Delivery Report located under Winery Reports → Vintage/Harvest to get a detailed list of all fruit arrivals for the previous vintage. Ensure you change the *Format* option to CSV to output the report into your spreadsheet package of choice. Add column called “Cost” and enter the total cost against each fruit parcel received for the year.

The screenshot shows the 'Grape Delivery Report' interface. It features two main sections: 'Fruit Intake' and 'Fruit Origin'. The 'Format' dropdown menu under 'Fruit Intake' is highlighted with a red box and set to 'CSV'. Other fields include 'Fruit Intake', 'Owner', 'Vintage' (set to 2010), 'Colour', 'G.I.', 'Region', 'Grower', 'Vineyard', 'Block', and 'Varietal'. There are also checkboxes for 'Include projection', 'Show analysis', 'Landscape', and 'Large page size'. A 'Generate...' button is located in the top right corner.

Once that’s done just email the updated spreadsheet to us at support@jx2.com.au and we’ll upload the costs for you. The costs are backdated to harvest and will ripple forward through all the affected wine batches – even if they have been blended!

You can add costs manually to each delivery by looking at a wines *Relevant history* from the *Product Overview* and locating the Intake/Delivery summaries. Click on the *View* option to see a read only view of the Intake/Delivery data entry screen. Click on the *View* option for each load of fruit and use the *Adjust Cost* button to update the costs accordingly.

2.2. Additive costs

Additive costs can be tracked inline to the wine production process.

2.2.1. With the Advanced Inventory module

With the Advanced Inventory module chemical stock levels are tracked (including their costs) and when consumed as part of an Additive operation a portion of the cost is transferred to the bulk wine.

When receiving stock items you can enter cost information or add it afterwards by using the *Add costs* option from the *Running costs* tab when viewing a stock item.

Running cost for lot/batch PMS_LOT_1	
Average unit cost (rounded) \$9.61538	
Cost	(\$)
Fruit	\$0.00
Bulk wine	\$0.00
Additions	\$249.52
Cellar work	\$0.00
Packaging	\$0.00
Storage	\$0.00
Overheads	\$0.00
Freight	\$0.00
Other	\$0.00
Total	\$249.52

By backdating costs, even if the additive has been applied to wines, the costs will ripple forward throughout the bulk wines it was applied to and then blended with.

2.2.2. Without the Advanced Inventory module

If you have opted for the Costing module only, Additive costs can be tracked automatically as additions are made to your bulk wines. Configure a custom *Cost item* under Winery Setup → Costing → Cost items for each Additive that you want to track costs for. It important to set the **Charge type** to the option called Additions and to set the **Default value (\$)** to be the dollar value for the **unit of addition** of each additive. For example; if the unit of addition for PMS was Grams and you calculated the average cost of PMS per Gram was \$1.20 you would set the **Default value (\$)** to \$1.20.

Once the Cost item is configured you need to link it to the appropriate Additive under Winery Setup → Production → Additive

The screenshot shows a software interface for setting up a stock item. The fields are as follows:

Name	PMS
Description	Potassium Metabisulph
Default Unit	Grams
Cause treatment	[Search] [Add]
Owner	JX2 Winery [X]
Linked stock item	ADD/PMS [X]
Change state	[Dropdown] [Add]
Cost item	[Search] [Add]
<input type="checkbox"/> Inactive	

The 'Cost item' field is highlighted with a red rectangular box.

Over time the average cost of your additions will change so you will need to update the **Default value (\$)** under the *Cost item* setup each time this occurs. These changes will only affect future additions.

2.3. Bottling and dry-good costs


Costs associated with bottling including glass, caps, cartons etc can all be apportioned to the finished product.

2.3.1. With the Advanced Inventory module

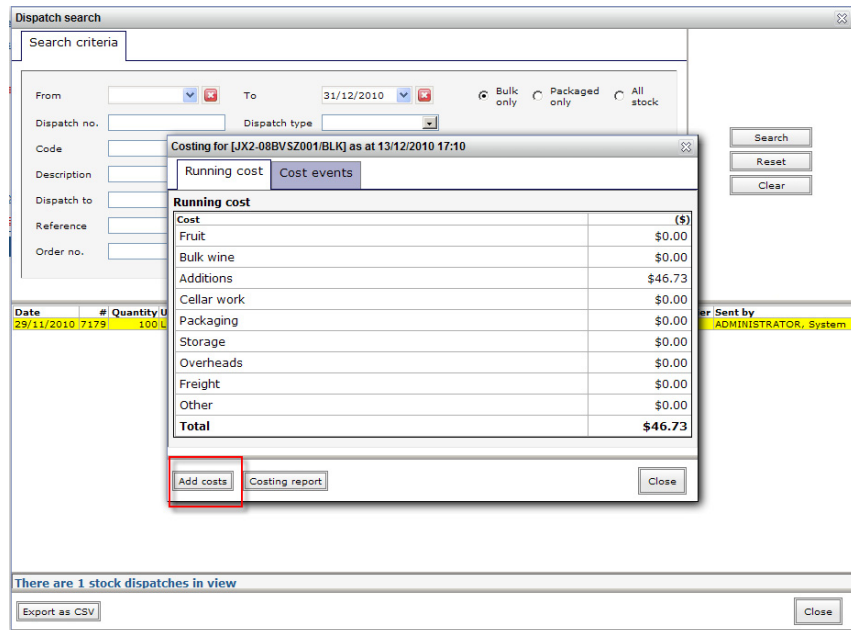
In the Advanced Inventory module all bottled stock is tracked through VINx2 and the input costs defined as the Bill of Materials for a bottled stock item are apportioned to the finished product when a bottling/packaging is recorded.

The dry good inventory stock levels are also automatically depleted.

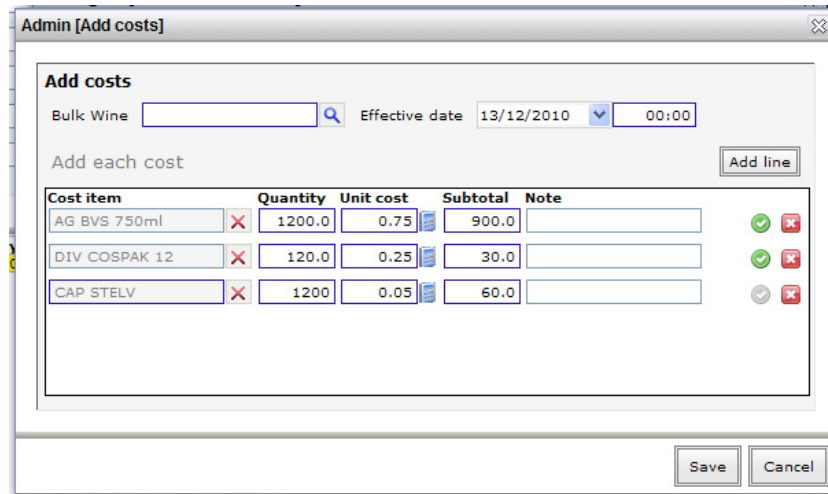
2.3.2. Without the Advanced Inventory module

Before or after dispatching a wine for bottling from VINx2 you can manually add custom bottling costs. For a bulk wine in VINx2 locate the wine and from the *Product Overview* click the  icon. Click *Add costs* and record your bottling costs.

For a wine that has already been bulk dispatched use the File → Search → Dispatch search to locate and select the wine and then use the *Costing* option to *Add costs* being particularly careful to **backdate** the costs as appropriate.



Your custom cost items may be generic i.e. GLASS, CAPS, CORK with a simple \$1 Default value (\$) or you may choose to make them specific to the type of dry-good used i.e. Antique Green BVS 750ml with a Default Value (\$) of the actual per unit cost of that item. For example:



Cost items are configured under Winery Setup → Costing → Cost items.

2.4. Adding and adjusting costs

Other cost items representing items such as Overheads, Storage etc can be configured under Winery Setup → Costing → Cost items. You can apply these items to the costing for a bulk wine or any stock item (wine or otherwise) at any stage of production. Costs can also be backdated and the changes will ripple forward throughout the system. To adjust down a cost simply apply a negative value.

2.5. Cost reporting


In addition to being able to view the Running cost of a wine or stock item onscreen, several reports exist to be able to extract costing information from VINx2.

Cost detail report

This report can be accessed by looking at the Costing for any bulk wine or stock item and selecting the *Costing report* option. It gives a concise breakdown of the cost information that product including the history of events that impacted the costing.

Stock cost detail report

As at November 29, 2010



<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Stock code</td><td>JX2-08BVSZ001</td></tr> <tr><td>Description</td><td>2008 Old BLock Shiraz</td></tr> <tr><td>Category</td><td>Bulk wine</td></tr> <tr><td>Unit</td><td>Litres</td></tr> <tr><td>Owned by</td><td>JX2 Winery</td></tr> <tr><td>Quantity on hand</td><td>1,430 Litres As at 29/11/2010</td></tr> <tr><td colspan="2"><hr/></td></tr> <tr><td>Cost per unit</td><td style="text-align: right;">\$ 0.03</td></tr> <tr><td>Total cost</td><td style="text-align: right;">\$ 46.73</td></tr> </table>	Stock code	JX2-08BVSZ001	Description	2008 Old BLock Shiraz	Category	Bulk wine	Unit	Litres	Owned by	JX2 Winery	Quantity on hand	1,430 Litres As at 29/11/2010	<hr/>		Cost per unit	\$ 0.03	Total cost	\$ 46.73	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Fruit</td><td style="text-align: right;">\$ 0.00</td></tr> <tr><td>Bulk wine</td><td style="text-align: right;">\$ 0.00</td></tr> <tr><td>Additions</td><td style="text-align: right;">\$ 46.73</td></tr> <tr><td>Cellar work</td><td style="text-align: right;">\$ 0.00</td></tr> <tr><td>Packaging</td><td style="text-align: right;">\$ 0.00</td></tr> <tr><td>Storage</td><td style="text-align: right;">\$ 0.00</td></tr> <tr><td>Overheads</td><td style="text-align: right;">\$ 0.00</td></tr> <tr><td>Freight</td><td style="text-align: right;">\$ 0.00</td></tr> <tr><td>Other</td><td style="text-align: right;">\$ 0.00</td></tr> </table>	Fruit	\$ 0.00	Bulk wine	\$ 0.00	Additions	\$ 46.73	Cellar work	\$ 0.00	Packaging	\$ 0.00	Storage	\$ 0.00	Overheads	\$ 0.00	Freight	\$ 0.00	Other	\$ 0.00
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Date	Cost change	Summary
29/11/2010	-\$ 3.27	Dispatched 100 L of JX2-08BVSZ001 (Contract complete) on docket #7179, to East Side Wines
01/10/2010	\$ 50.00	50.00 x ADD @ \$1.00 = \$50.00

Inventory stock reports

All the Inventory Stock reports located under Winery Reports → Inventory include a Unit cost and Total cost column in their output. The Inventory Stock report includes an option called *Breakout costing* that shows the various categories of cost in individual columns.

PDF

Inventory stock report

Generate...

Show stock as at:

Show equivalent:

Stock type:

Building:

Owner:

Include Zero-level stock

Group by stock code

Breakout costing

Category:

- Cleaning
- Cleanskin
- Closures
- Corks
- Dividers

The Packaging/Manufacture report (under Winery Reports → Inventory) includes a detailed cost report for each bottling or manufacture that has taken place for the nominated date range. It details per unit costs for all the inputs (including bulk wine) and the total cost for the resulting product.