

Support Bulletin # 83 Custom Fields Calculate Formula

The following specific fields can be used in the formula of TransDetails custom fields:

QUANTITY	The quantity shown on the screen as entered by the user
LOCALUNITPRICE or FOREIGNUNITPRICE	The price shown on the screen as entered by the user
LOCALGROSS or FOREIGNGROSS	The gross shown on the screen ie. quantity x price - discount
LOCALCOST or FOREIGNCOST	The total cost of the item calculated by the chosen stock cost method
LOCALDISCOUNT or FOREIGNDISCOUNT	The discount shown on the screen calculated from the percentage entered by the user
LOCALTAX or FOREIGNTAX	The VAT/GST shown on the screen
LOCALNET or FOREIGNNET	The gross shown on the screen ie. quantity x price – discount + VAT/GST

You can also specify any field in the PRODUCTS table. This option includes the use of sub queries.

For example, to display the supplier cost price when entering a quote you would enter the following SQL in the calculate formula field:

```
(SELECT MAX(CostPrice) FROM PSUPPLIERS WHERE PSUPPLIERS.ProductID = PRODUCTS.UniqueID AND PSUPPLIERS.SupplierID = PRODUCTS.SupplierID)
```

Note that the MAX(...) is to ensure that only one record is returned otherwise, if the product had prices stored for two quantities, then you would get an error.

For example to include a discount % column on transdetails:

```
CASE WHEN TRANSDetails.LocalDiscount <> 0 AND TRANSDetails.LocalUnitPrice <> 0 THEN  
TRANSDetails.LocalDiscount/TRANSDetails.LocalUnitPrice * 100 ELSE 0 END
```

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