

The problem is in my billing form (FrmBilling) , I have a field named BarcodeCBX.Text that is a combobox. When I load the form, all the data in my SQL query named Warehouse.ProductsBarcodesEAN13, the field BarcodeEAN13 is loaded in that combobox using this:

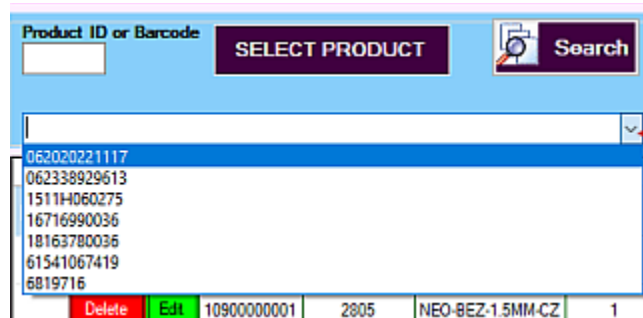
```
1 reference
Private Sub LoadEAN13BarcodeCBX()
    Try
        'REFRESH COMBOBOX
        BarcodeEAN13CBX.Items.Clear()
        'RUN QUERY
        SQL.ExecQuery("SELECT * FROM Warehouse.ProductsBarcodesEAN13 ORDER BY BarcodeEAN13 ASC")
        If SQL.HasException(True) Then Exit Sub
        'LOOP ROW & ADD TO COMBOBOX
        For Each r As DataRow In SQL.DBDT.Rows
            BarcodeEAN13CBX.Items.Add(r("BarcodeEAN13").ToString)
        Next
        BarcodeEAN13CBX.AutoCompleteMode = AutoCompleteMode.Append
        BarcodeEAN13CBX.DropDownStyle = ComboBoxStyle.DropDown
        BarcodeEAN13CBX.AutoCompleteSource = AutoCompleteSource.ListItems
        If SQL.HasException(True) Then Exit Sub
    Catch ex As Exception
        MsgBox(ex.Message)
        System.IO.File.AppendAllText("C:\ACRegister\Documents\log.txt", ex.ToString & vbNewLine & vbNewLine)
    End Try
End Sub
```

**A query named ProductsBarcodesEAN13 has been created with only 1 field (BarcodeEAN13)**

	BarcodeEAN13
1	1511H060275
2	61541067419
3	062020221117
4	18163780036
5	16716990036
6	062338929613
7	6819716

As you can see the data from that query returns the barcodes (BarcodeEAN13) correctly.

On my billing form, it the barcodes are showing correctly when a user clicks on the arrow on the combo box:



**When clicking on that arrow, the barcodes appears correctly**

More, If I choose the barcode when that field is dropdown, they in my datagridview named (OrderLinesDGV) the row is added correctly and all the information are returned correctly (see row highlighted in yellow in the image on the next page)

STATION #: 109

Select a station

Station changed:

ORDER #: 1090000001

Delete this order

1090000001 1090000001



More for this order Products Customers Inventory Internet sites Tools History Salespersons Help Close dropdown menus

By customer name  
By company name  
More info on customer

Billing address  
Sold to: Walk In  
Address: 1 Brunet  
Address 2: Suite 1  
City: Ste-Agathe des monts State: Quebec1  
Country: Canada1 Zip code: 9101

ID: 1  
P.O No: 0  
Back Order: 0

Shipping address  
Send to: AUTO-CASH REGISTER  
Address: 1 Brunet  
Address 2: Suite 1  
City: Ste-Agathe1 State: Quebec1  
Country: Canada1 Zip code: 6111

Invoice #: 1090000001  
Order date: 2021-09-13 11:01:37 AM  
Invoice date: 2021-09-13 11:01:37 AM  
Delivery date: 2021-09-15 12:08:5  
Delivery notes: DeliveryNotes for customer1

Product ID or Barcode  
SELECT PRODUCT Search QTY..

Summary table with columns: Qty, Unit price, Extended price, Discount %, Discount \$, Total, Taxes amount, Price 1-5.

- 062020221117
062338929613
1511H060275
16716990036
18163780036
61541067419
6819716

The first barcode is EARS

Main data grid with columns: Delete, Edit, Product ID, Qty, Unit Price, Extended Price, Discount Rate, Discount Amount, Line Total, Delivery Date. Includes rows for EARS, NOSE, SEPTUM, TONGUE STEEL, and NEO-BEZ-1.5MM-CZ.

OrderNo: 1090000001

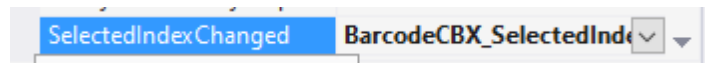
When I choose the barcode from the combobox, like I did in the row highlighted in yellow, everything works fine

I have to scan twice to have the right product in the datagridview, on the first scan it is always the first row that appears even if I did not scan it

My question is how can I stop the first item to be chosen when I scan, when I scan I want the products that belongs to that barcode to appears and not the first one.

Here is the code on my combobox:

The code is on SelectedIndexChanged:



Note that the SendKeys.Send("{BACKSPACE}") is used to clear the combobox field after the scan.

```
Private Sub BarcodeEAN13CBX_SelectedIndexChanged(sender As Object, e As EventArgs) Handles BarcodeEAN13CBX.SelectedIndexChanged
    Try
        UpdateOrderLinesDGVWithBarcode()
        SendKeys.Send("{BACKSPACE}")
        FormatAll()
        If SQL.HasException(True) Then Exit Sub
    Catch ex As Exception
        MsgBox(ex.Message)
        System.IO.File.AppendAllText("C:\ACRegister\Documents\log.txt", ex.ToString & vbNewLine & vbNewLine)
    End Try
End Sub
```

```
Private Sub UpdateOrderLinesDGVWithBarcode()
    Try
        If Me.BarcodeEAN13CBX.Visible = True Then
            SQL.RunQuery("SELECT * FROM Warehouse.ProductsActivated Where BarcodeEAN13 = '" & BarcodeEAN13CBX.Text & "' ")
            If SQL.DBDS.Tables(0).Rows(0).Item(0) >= 1 Then
                Me.InvoicedQuantityTB.Text = 0
                Me.BackOrderYesNoCB.Checked = False
                Me.BackorderQuantityTB.Text = 0
                Me.UnitPriceTB.Text = SQL.DBDS.Tables(0).Rows(0).Item("SellingPrice1")
                Me.ExtendedPriceTB.Text = QtyTB.Text * UnitPriceTB.Text
                Me.DiscountRateTB.Text = SQL.DBDS.Tables(0).Rows(0).Item("DiscountRate")
                Me.DiscountAmountTB.Text = Math.Round(QtyTB.Text * UnitPriceTB.Text) * DiscountRateTB.Text / 100
                Me.LineTotalTB.Text = QtyTB.Text * UnitPriceTB.Text - DiscountAmountTB.Text
                Me.DeliveryDateExpectedTB.Text = Now()
                SQL.AddParam("@OrderNo", Me.SelectedOrderTB.Text)
                SQL.AddParam("@ProductID", SQL.DBDS.Tables(0).Rows(0).Item("ProductID"))
                SQL.AddParam("@ProductName", SQL.DBDS.Tables(0).Rows(0).Item("ProductName"))
                SQL.AddParam("@Quantity", QtyTB.Text)
            End If
        End If
    End Try
End Sub
```

```

SQL.AddParam("@UnitPrice", SQL.DBDS.Tables(0).Rows(0).Item("SellingPrice1"))
SQL.AddParam("@ExtendedPrice", Me.QtyTB.Text * Me.UnitPriceTB.Text)
SQL.AddParam("@DiscountRate", SQL.DBDS.Tables(0).Rows(0).Item("DiscountRate"))
SQL.AddParam("@DiscountAmount", Me.DiscountAmountTB.Text)
SQL.AddParam("@InvoicedQuantity", Me.InvoicedQuantityTB.Text)
SQL.AddParam("@BackOrderYesNo", Me.BackOrderYesNoCB.Checked)
SQL.AddParam("@BackorderQuantity", Me.BackorderQuantityTB.Text)
SQL.AddParam("@LineTotal", Me.QtyTB.Text * Me.UnitPriceTB.Text - DiscountAmountTB.Text)
SQL.AddParam("@DeliveryDate", Me.DeliveryDateExpectedTB.Text)
SQL.ExecQuery("INSERT INTO
Sales.OrderLines(OrderNo,ProductID,ProductName,Quantity,UnitPrice,ExtendedPrice,DiscountRate,DiscountAmount,InvoicedQuantity,BackOrderYes
No, " &
                "BackOrderQuantity,LineTotal,DeliveryDate) " &
                "VALUES
(@OrderNo,@ProductID,@ProductName,@Quantity,@UnitPrice,@ExtendedPrice,@DiscountRate,@DiscountAmount,@InvoicedQuantity,@BackOrderYesNo, "
&
                "@BackorderQuantity,@LineTotal,@DeliveryDate) ", True)
RecordsCounted()
Me.QtyTB.Text = 1
'Select the last row.
Me.OrderLinesDGV.Rows(Me.OrderLinesDGV.RowCount - 1).Selected = True
End If
Else
MsgBox("This barcode is not assigned to any product!")
End If

If SQL.HasException(True) Then Exit Sub
Catch ex As Exception
MsgBox(ex.Message)
System.IO.File.AppendAllText("C:\ACRegister\Documents\log.txt", ex.ToString & vbNewLine & vbNewLine)
End Try
End Sub

Public Sub FormatAll()
Try
Dim NumberExtendedPrice As Double = ExtendedPriceTB.Text
Me.ExtendedPriceTB.Text = NumberExtendedPrice.ToString("$###,###,###.00")
Dim NumberDiscountRate As Decimal = DiscountRateTB.Text
Me.DiscountRateTB.Text = NumberDiscountRate.ToString("###.00000")
Dim NumberDiscountAmount As Double = DiscountAmountTB.Text
Me.DiscountAmountTB.Text = NumberDiscountAmount.ToString("$###,###,###.00")
Dim NumberLineTotal As Double = LineTotalTB.Text
Me.LineTotalTB.Text = NumberLineTotal.ToString("$###,###,###.00")
OrderLinesDGV.Columns("UnitPrice").HeaderCell.Style.Alignment = DataGridViewContentAlignment.MiddleCenter
OrderLinesDGV.Columns("ExtendedPrice").HeaderCell.Style.Alignment = DataGridViewContentAlignment.MiddleCenter

```

```
OrderLinesDGV.Columns("DiscountRate").HeaderCell.Style.Alignment = DataGridViewContentAlignment.MiddleCenter
OrderLinesDGV.Columns("DiscountAmount").HeaderCell.Style.Alignment = DataGridViewContentAlignment.MiddleCenter
OrderLinesDGV.Columns("LineTotal").HeaderCell.Style.Alignment = DataGridViewContentAlignment.MiddleCenter
If SQL.HasException(True) Then Exit Sub
Catch ex As Exception
    MsgBox(ex.Message)
    System.IO.File.AppendAllText("C:\ACRegister\Documents\log.txt", ex.ToString & vbNewLine & vbNewLine)
End Try
End Sub
```