

#### 2014 Risk and Profit Conference Breakout Session Presenters

"Knowledge for Life"

#### 15. Farm Accounting with QuickBooks

#### Mark Dikeman <dikemanm@ksu.edu>

Mark Dikeman works as Coordinator of Professional Development and Training for the Kansas Farm Management Association. Before moving to this position, he worked as an Extension Ag Economist in the Holton KFMA office. Mark received a B.S. degree in Animal Sciences and Industry and a M.S. degree in Agricultural Economics from Kansas State University.

#### Abstract/Summary

Accurate farm accounting records are a critical foundation for a variety of farm management tasks. From tax planning and preparation to farm financial evaluation to enterprise analysis, farm managers need accurate accounting records. In this session, we will provide an introduction to farm accounting with QuickBooks, one of the most popular small business accounting systems. We will discuss the advantages and disadvantages of using QuickBooks, getting started with QuickBooks, entering common transactions, and using QuickBooks for enterprise analysis.

# Farm Accounting with Quickbooks

#### Mark Dikeman

Coordinator of Professional Development & Training Kansas Farm Management Association dikemanm@ksu.edu 785-364-0590 Cell 785-539-0373 Office





#### Notes on This Presentation

- Focus of this section will be advanced use of Quickbooks
  - There are easier ways to do everything shown
  - Focus will be on accounting for business performance and financial analysis
    - Accrual accounting
    - Tracking inventory
    - Enterprise analysis



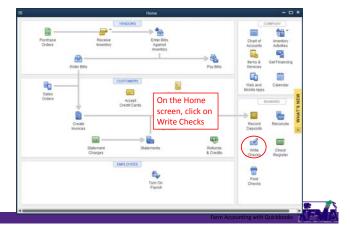
#### Notes on This Presentation

- We are forcing Quickbooks to do things it normally doesn't do to fit our needs
  - Failure to follow proper steps may result in unexpected results
- This should really be a day long course!

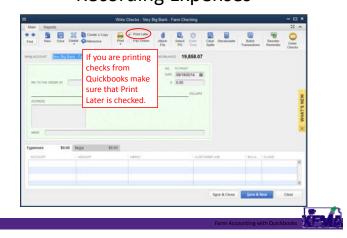




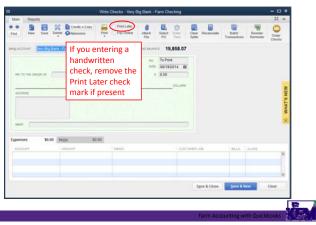
#### **Recording Expenses**



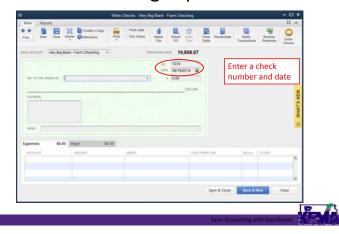
#### **Recording Expenses**



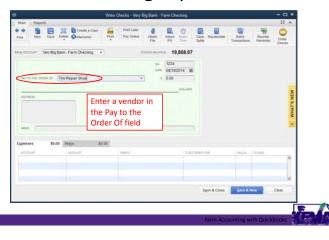
# Recording Expenses



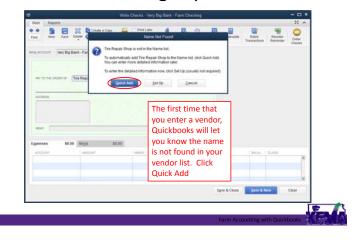
#### **Recording Expenses**



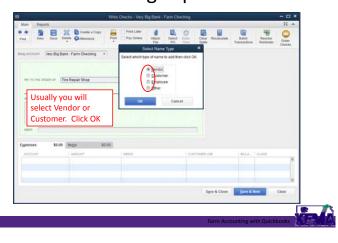
#### **Recording Expenses**



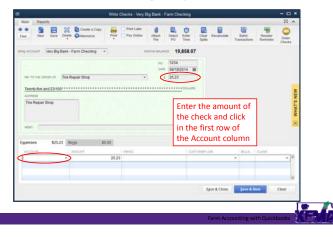
#### **Recording Expenses**



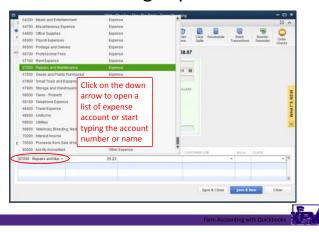
#### **Recording Expenses**



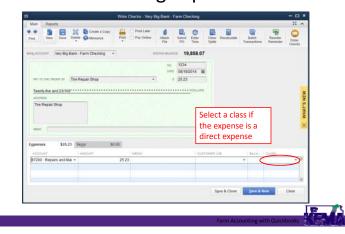
#### **Recording Expenses**



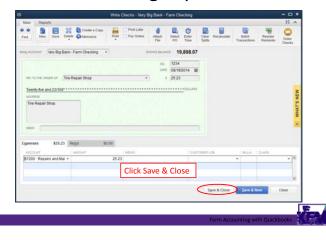
#### **Recording Expenses**



#### **Recording Expenses**



#### **Recording Expenses**



Recording Debt Financed Capital Asset Purchases

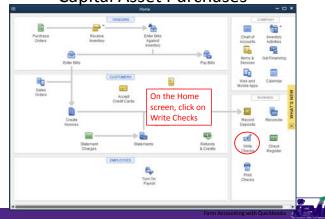


# Recording Debt Financed Capital Asset Purchases

- Capital asset purchases without financing can be recorded like other expenses
- Required:
  - Fixed Asset or Other Expense account
     15000 Furniture and Equipment
  - Long Term Liability accounts
     New loan: JD Financial Combine
     Old loan: Very Big Bank Combine

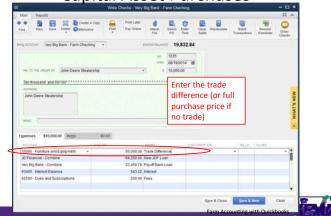


# Recording Debt Financed Capital Asset Purchases

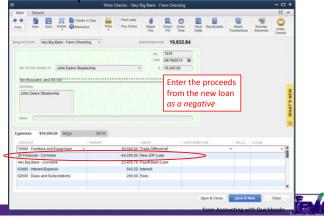




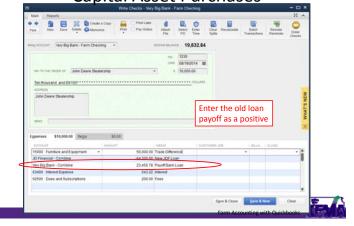
Recording Debt Financed Capital Asset Purchases



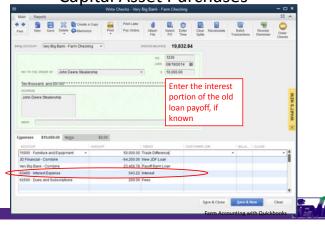
Recording Debt Financed
Capital Asset Purchases



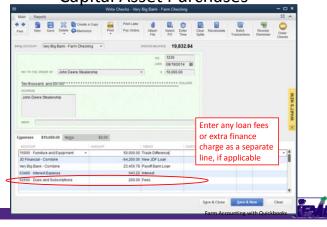
Recording Debt Financed Capital Asset Purchases



Recording Debt Financed Capital Asset Purchases



Recording Debt Financed Capital Asset Purchases





Recording Debt Financed Capital Asset Purchases



#### **Recording Resale Purchases**



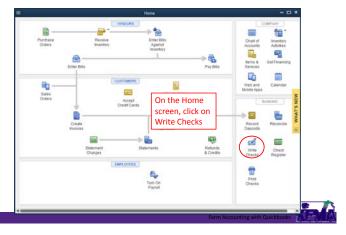
#### **Recording Resale Purchases**

- Required:
  - Inventory tracking account
     Purchased Calves Inventory Other Current Asset
  - Farm Resale Inventory Part Item
    PCalvesBought Purchased Calves Bought
    - Linked accounts:

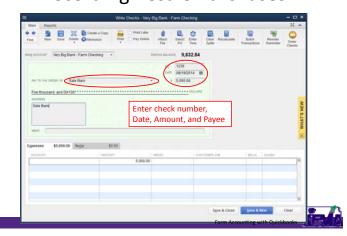
Asset Account Purchased Calves Inventory Income Account Purchased Calves Inventory COGS Purchased Calves Inventory



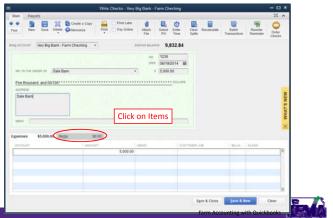
#### **Recording Resale Purchases**



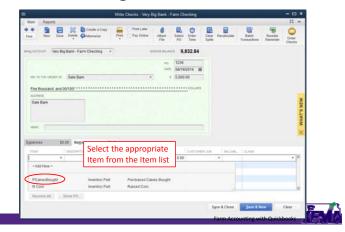
#### **Recording Resale Purchases**



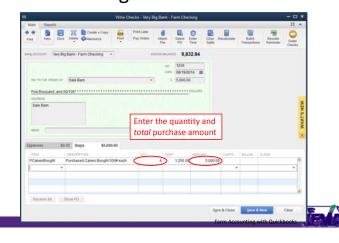
# Recording Resale Purchases



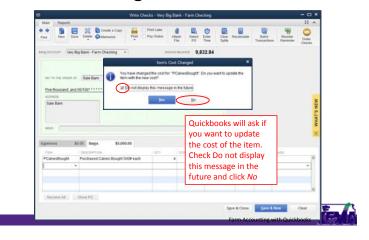
#### **Recording Resale Purchases**



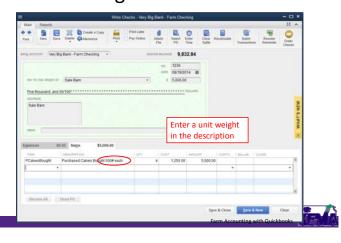
#### **Recording Resale Purchases**



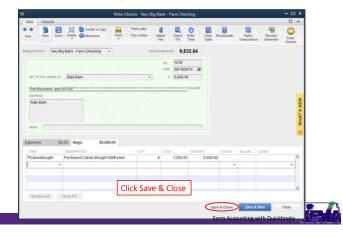
#### **Recording Resale Purchases**



#### **Recording Resale Purchases**



#### **Recording Resale Purchases**



### Recording Raised Grain & Livestock Production

### Recording Raised Grain & Livestock Production

- Required:
  - Inventory tracking account
     Raised Corn Inventory Other Current Asset
  - Inventory Part Item

R Corn - Raised Corn

• Linked accounts:

Asset Account Raised Corn Inventory

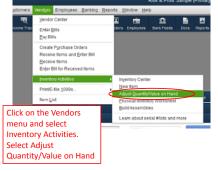
Income Account Crop Sales

COGS Opening Balance Equity



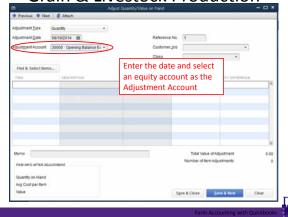


# Recording Raised Grain & Livestock Production

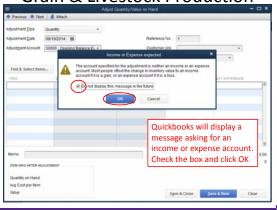




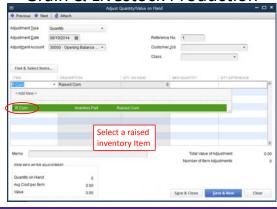
# Recording Raised Grain & Livestock Production



# Recording Raised Grain & Livestock Production



# Recording Raised Grain & Livestock Production







Recording Raised

Grain & Livestock Production

Adjustment gipe

Adjustmen

Recording Raised

Grain & Livestock Production

Templat

Loog for a Media Search within results

HECOT Reseased com Reseas

The updated quantity should be reflected in the

Item list



Recording Raised
Grain & Livestock Sales

# Recording Raised Grain & Livestock Sales

- Required:
  - Inventory Part Item (R Corn)
    - Linked accounts:

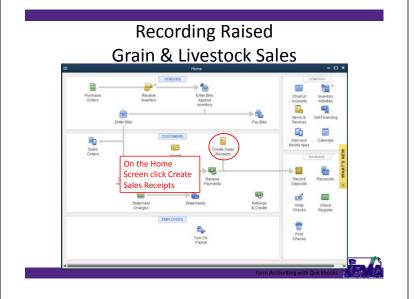
Asset Account Raised Corn Inventory

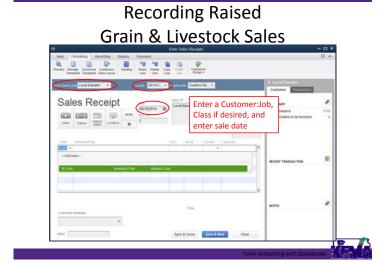
Income Account Crop Sales

COGS Opening Balance Equity







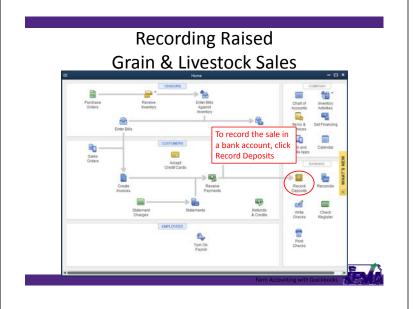
















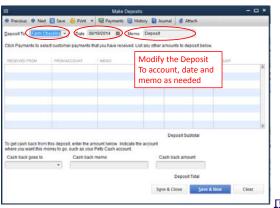


**Recording Other Income** 

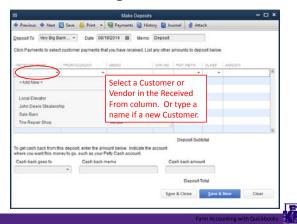


**Recording Other Income** 

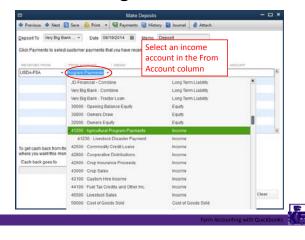
### **Recording Other Income** Date 08/19/2014 III Memo Deposit



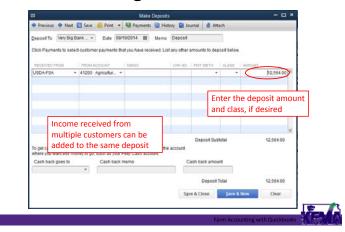
#### **Recording Other Income**



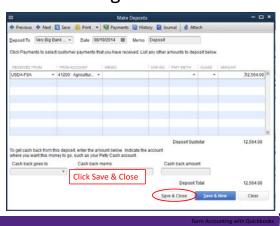
#### **Recording Other Income**



#### **Recording Other Income**



#### **Recording Other Income**



#### **Recording Resale Sales**



#### **Recording Resale Sales**

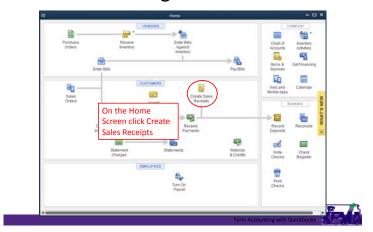
- Required:
  - Resale Non-Inventory Part Item
     PCalvesSold Purchased Calves Sold
    - Linked accounts:

Income Account

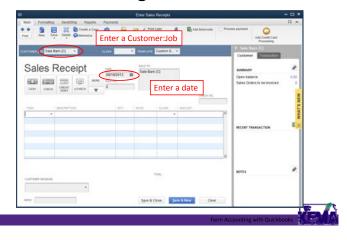
**Purchased Calves Inventory** 



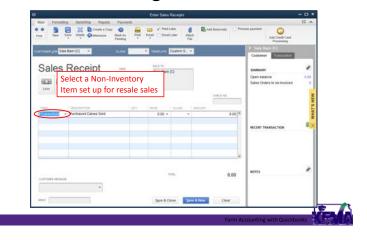
#### **Recording Resale Sales**



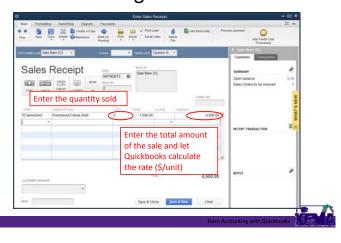
#### **Recording Resale Sales**



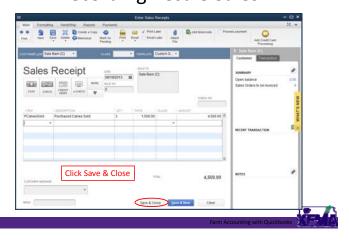
#### **Recording Resale Sales**



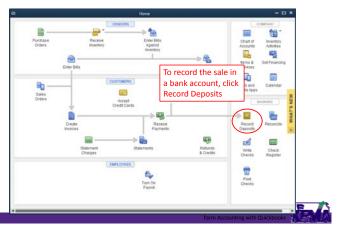
#### **Recording Resale Sales**



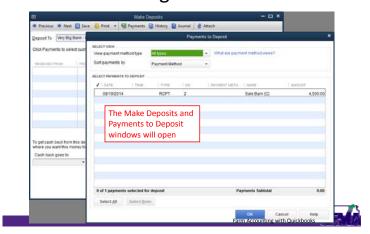
#### **Recording Resale Sales**



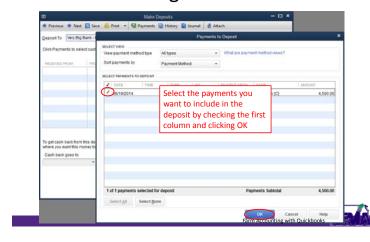
#### **Recording Resale Sales**



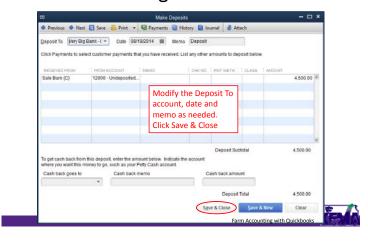
#### **Recording Resale Sales**



#### **Recording Resale Sales**



#### **Recording Resale Sales**



#### **Recording Resale COGS**

#### **Recording Resale COGS**

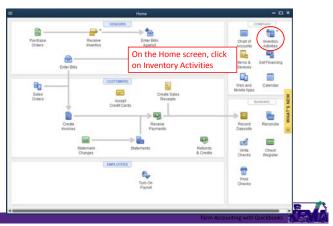
- Caution!! Errors here could have a significant impact on taxable income
- Consult with your tax preparer before making resale COGS entries
- Required:
  - COGS account

Resale Cattle Cost - Cost of Goods Sold Account

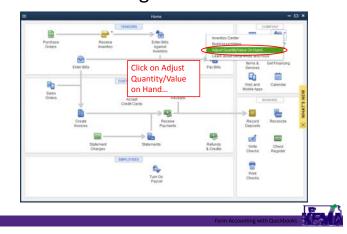




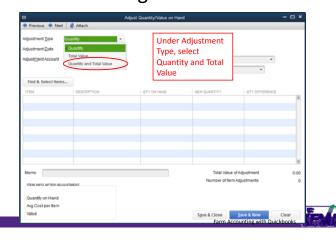
#### **Recording Resale COGS**



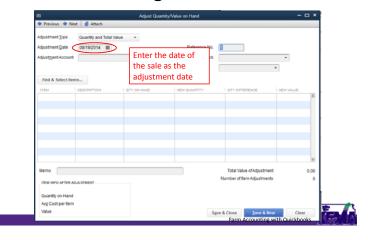
#### **Recording Resale COGS**



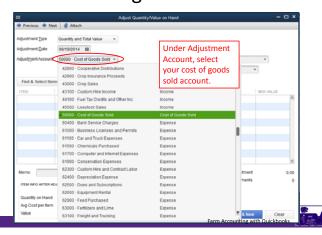
#### **Recording Resale COGS**



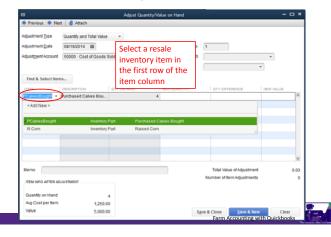
#### **Recording Resale COGS**



#### **Recording Resale COGS**

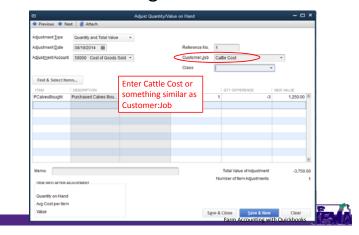


#### **Recording Resale COGS**

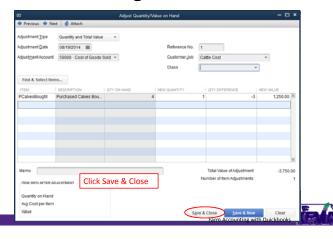


# Recording Resale COGS Agustment Date Agustment Dat

#### **Recording Resale COGS**



#### **Recording Resale COGS**



#### **Recording Patronage Dividends**



#### **Recording Patronage Dividends**

- Required:
  - Patronage income account
     42800 Patronage Dividends
  - LT Receivable account
     Coop Deferred Patronage Other Asset Account

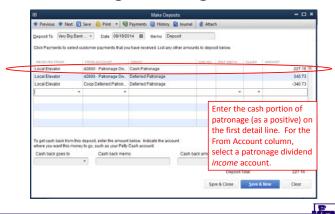
# Agental Secondary Addition and Addition and

**Recording Patronage Dividends** 

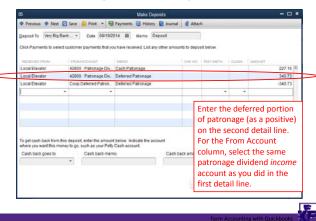


#### 

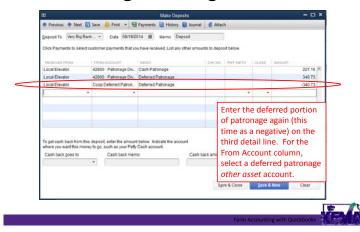
#### **Recording Patronage Dividends**



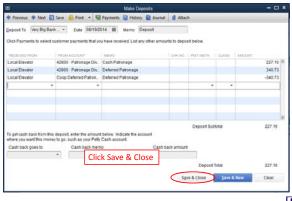
#### **Recording Patronage Dividends**



#### **Recording Patronage Dividends**



#### **Recording Patronage Dividends**

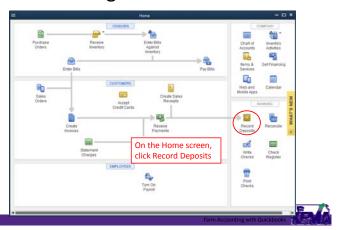


2.1

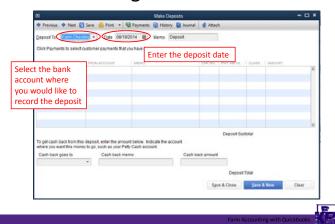
#### **Recording Landlord Refunds**



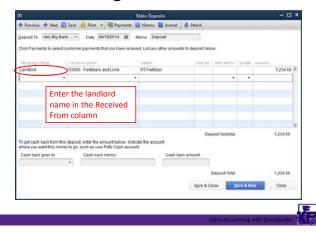
#### **Recording Landlord Refunds**



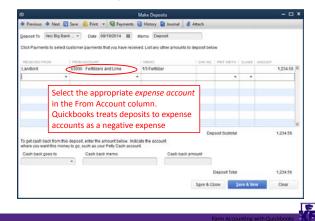
#### **Recording Landlord Refunds**



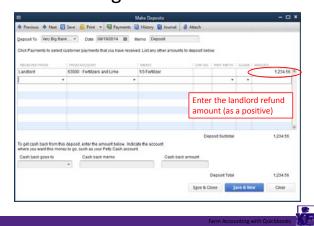
#### **Recording Landlord Refunds**



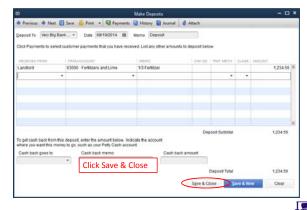
#### **Recording Landlord Refunds**



#### **Recording Landlord Refunds**



#### **Recording Landlord Refunds**



#### Questions?

#### Mark Dikeman

Coordinator of Professional Development & Training Kansas Farm Management Association dikemanm@ksu.edu 785-364-0590 Cell 785-530-0373 Office



# An Introduction to Farm Accounting with Quickbooks

#### Mark Dikeman

Coordinator of Professional Development & Training Kansas Farm Management Association dikemanm@ksu.edu 785-364-0590 Cell 785-399-0373 Office





#### What is Quickbooks?

- Quickbooks is double entry accounting software designed for small businesses
- Relatively difficult to learn
- Relatively easy to use
- Relatively powerful



#### **Quickbooks Strengths**

- Low purchase price (≈\$175)
- Quickbooks is very good at:
  - Double entry accounting
  - Tracking invoices and accounts receivable
  - Tracking bills and accounts payable
  - Calculating non-farm cost of goods sold (COGS)
  - Payroll If you pay annually (≈\$300)
- Keyboard shortcuts
- Quickbooks is flexible



#### **Quickbooks Weaknesses**

- Quickbooks is flexible
  - Follow steps exactly on the Home Screen!
- Advertising "stuff"
- Farm accounting differs from accounting for other small businesses
  - Cash vs accrual
  - · Cost of goods sold

#### **Quickbooks Weaknesses**

- Farm cost of goods sold (COGS)
  - Quickbooks only uses Average Cost in COGS calculations
  - Farmers must use First In First Out (FIFO) for resale livestock
- Payroll add-on may be overpriced for the average farm employer





#### Is Quickbooks right for you?

- What is your accounting objective?
- How much time are you willing to spend?

#### Is Quickbooks right for you?

- What is your accounting objective?
  - Tax records?
  - Reports for banker?
  - Business performance and financial analysis?





#### Is Quickbooks right for you?

- What is your accounting objective?
  - Tax records?
    - Quickbooks handles tax records with ease but is extreme overkill for tax records alone
  - Reports for banker?
  - Business performance and financial analysis?



#### Is Quickbooks right for you?

- What is your accounting objective?
  - Tax records?
  - Reports for banker?
    - Quickbooks reports include
      - Income statements
      - Inventory quantities on hand
      - Balance sheets
    - All are tax basis!
      - Quickbooks will not create fair market value balance sheets
      - Reports can be exported to Excel and modified
  - Business performance and financial analysis?



#### Is Quickbooks right for you?

- What is your accounting objective?
  - Tax records?
  - Reports for banker?
  - Business performance and financial analysis?
    - This is where Quickbooks really shines!
    - Financial analysis requires
      - Accurate accounting
      - Tracking inventory
      - Tracking A/R & A/P

#### Is Quickbooks right for you?

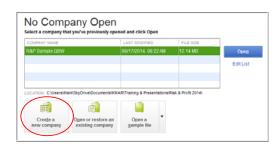
- How much time are you willing to spend?
  - Accurate accounting requires work in Quickbooks weekly, if not daily
    - Accounting entry once or twice per year is not adequate
    - Financial analysis requires considerable effort





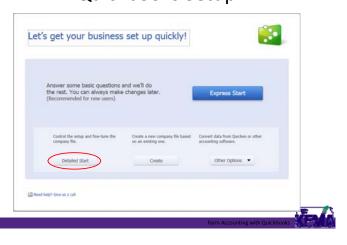
# Quickbooks Setup

#### **Quickbooks Setup**

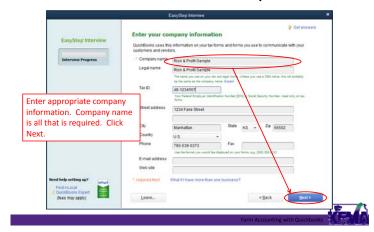




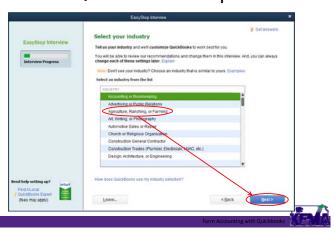
#### Quickbooks Setup



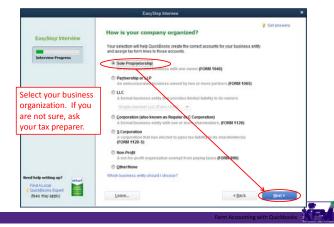
#### **Quickbooks Setup**

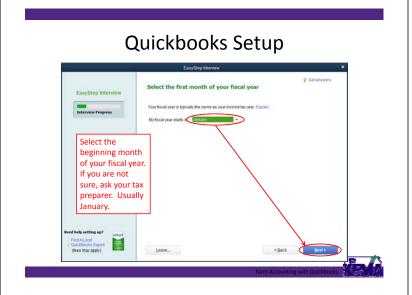


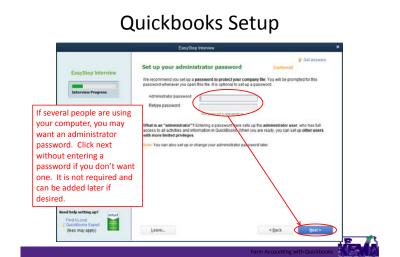
#### **Quickbooks Setup**



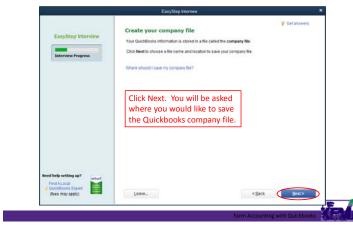
#### **Quickbooks Setup**



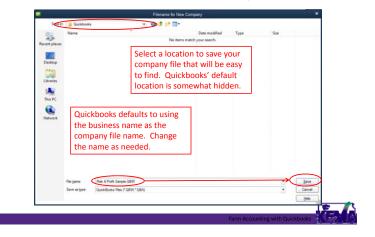




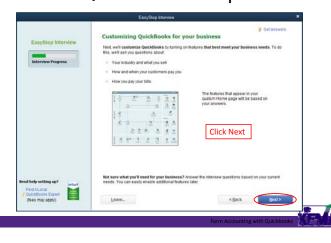
#### Quickbooks Setup



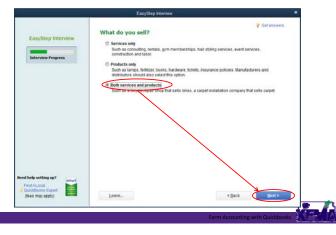
#### **Quickbooks Setup**



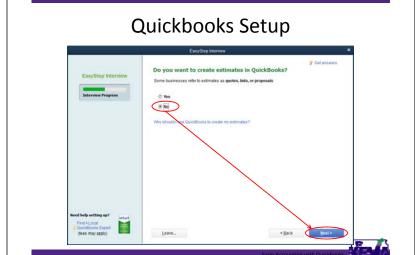
#### **Quickbooks Setup**

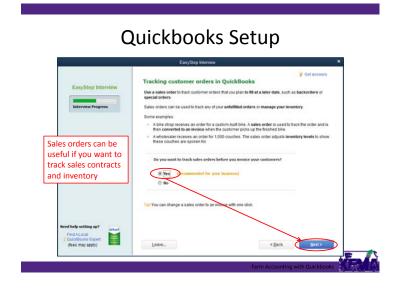


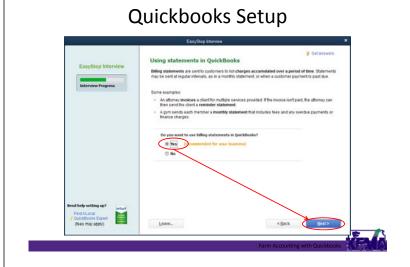
#### **Quickbooks Setup**

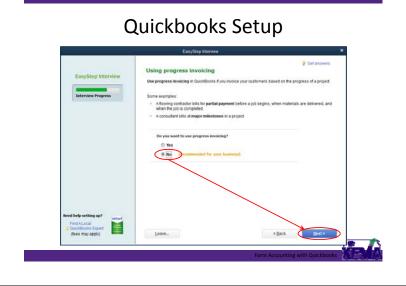


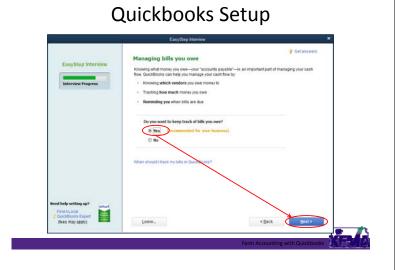
# Red help setting us? Find A.Coal (Sets may apply) Farm Accounting with Quickbooks



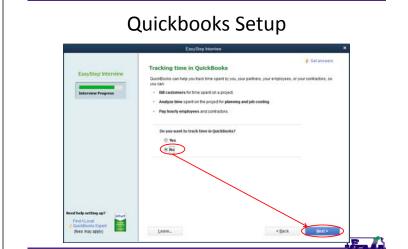


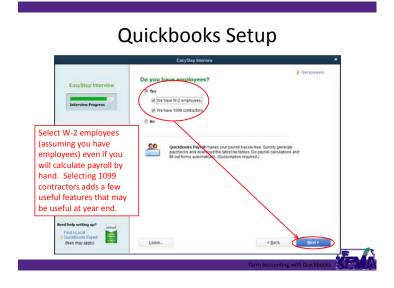


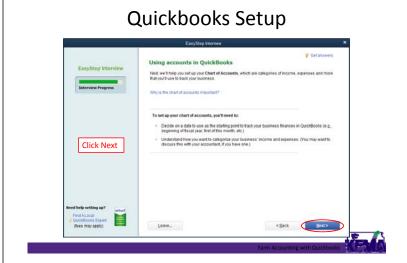


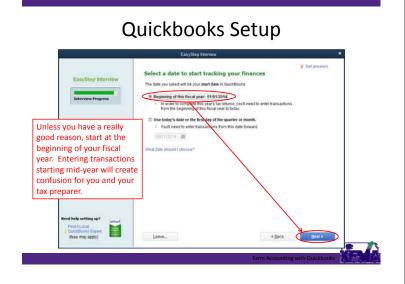


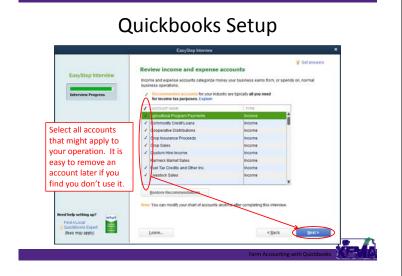
# EasyStep Interview Tracking Inventory in QuickBooks Use inventory in QuickBooks Use inventory in QuickBooks Use inventory in QuickBooks Use inventory in QuickBooks One examples: A no invotor stocks and resetting products, and tracts items on order from vandors. A construction contracting cutter inventory for both raw materials and freshed products, and tracts products to be sufficient ordered products. A construction contracting cutters analysis and entered as products, and tracts products to be sufficient ordered products. A construction contracting cutters analysis and the parameters and freshed products, and tracts products to be sufficient ordered products. A construction contracting cutters analysis and parameters and freshed products, and tracts inventory in QuickBooks? One you want for track inventory in QuickBooks? One you want for track inventory in QuickBooks? (Res may apply) Interview Final A Local Great may apply) A parameter of products and product









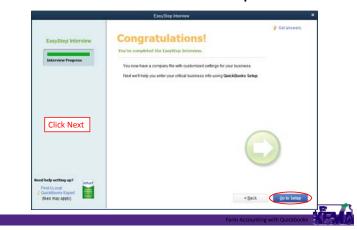


#### **Quickbooks Setup**

- The Quickbooks default chart of accounts for agriculture is the minimum needed for tax preparation
- This is usually not adequate for business analysis
- Work with your tax preparer or KFMA
   Economist to develop a chart of accounts that works for both of you



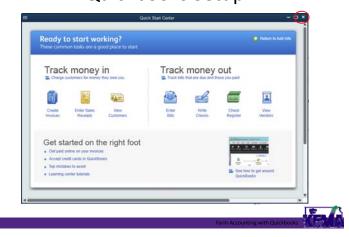
#### **Quickbooks Setup**



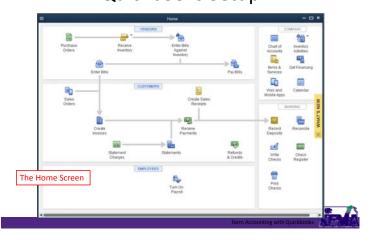
#### **Quickbooks Setup**



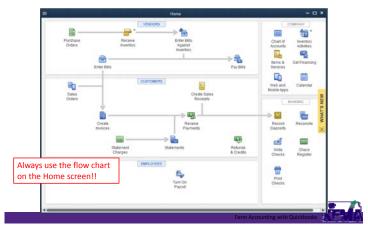
#### **Quickbooks Setup**



#### **Quickbooks Setup**

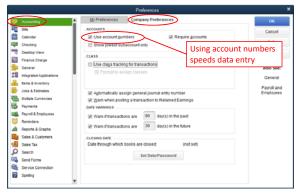


#### Quickbooks Setup



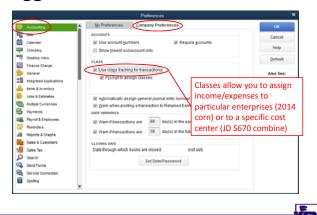
#### **Suggested Quickbooks Preferences**

#### **Suggested Quickbooks Preferences**

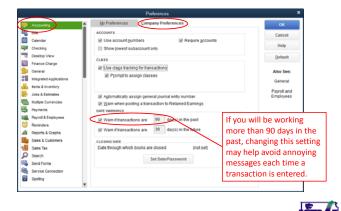


#### Farm Accounting with Quickhooks

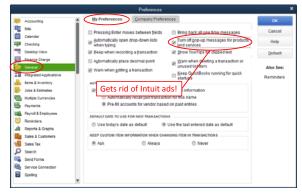
#### **Suggested Quickbooks Preferences**



#### Suggested Quickbooks Preferences

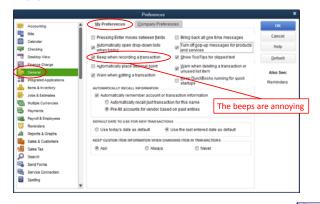


#### **Suggested Quickbooks Preferences**



#### m Accounting with Quickbooks

#### **Suggested Quickbooks Preferences**





#### Adding Accounts to the Chart of Accounts

#### Add a Bank Account





#### Add a Bank Account

- You will need:
  - Beginning statement balance from the first bank statement that ends in the first month of the fiscal year
  - Total of all outflows from prior year that did not clear the bank until the current year (may come from several bank statements)
  - Total of all inflows from prior year that did not clear the bank until the current year

#### Add a Bank Account

• Beginning Quickbooks balance:

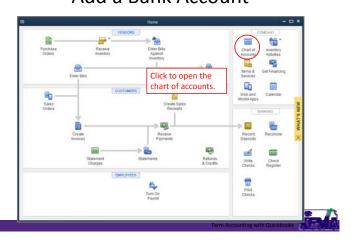
Beginning Statement Balance

- Total Outstanding Outflows
- + Total Outstanding Inflows
- = Beginning Quickbooks Balance

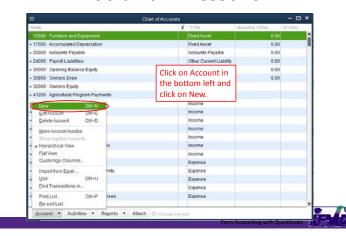




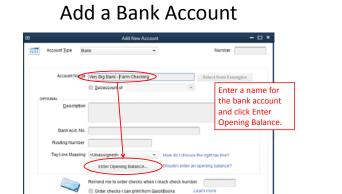
#### Add a Bank Account



#### Add a Bank Account



#### Add a Bank Account Choose one account type and click Continue. Income Bank Account Select Bank and click Continue. Fixed Asset (major purchases) ⊕ Bank C Loan Credit Card © Equity Other Account Types me choose the right account typ



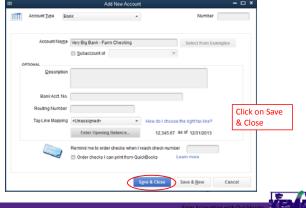
Save & Close Save & New Cancel

#### Add a Bank Account





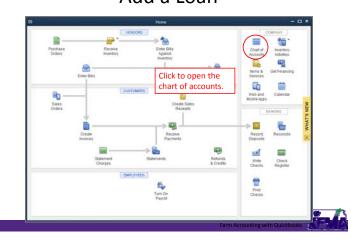
Add a Bank Account



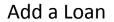
#### Add a Loan

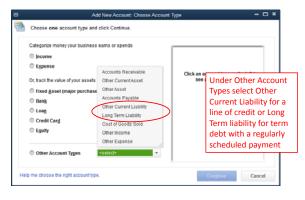


#### Add a Loan



#### Add a Loan 20000 - Accounts Payable Accounts Payable 24000 Payroll Liabilities 30000 Opening Balance Equity Click on Account in the bottom left and 30000 Owners Draw click on New Income Income Hierarchical View Flat View Customize Columns Import from Excel . Expense Eind Transactions in. unt v Activ

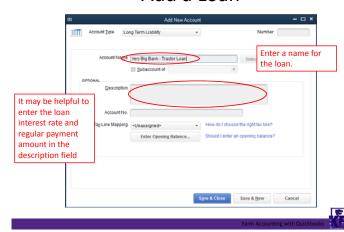




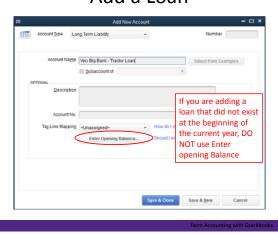
#### Add a Loan



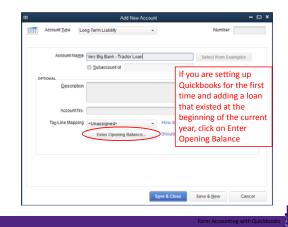
#### Add a Loan

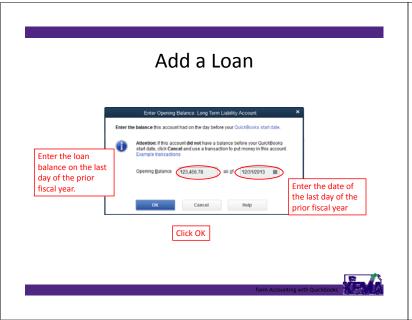


#### Add a Loan

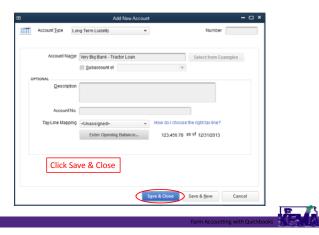


#### Add a Loan





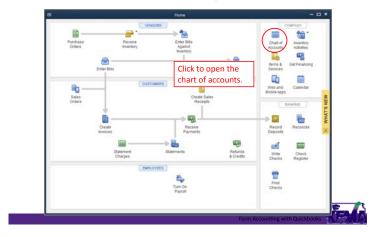
#### Add a Loan



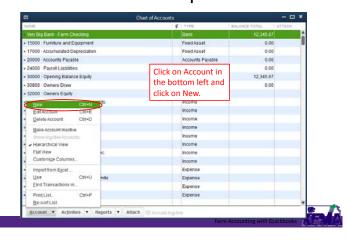
Add an Income or Expense Account



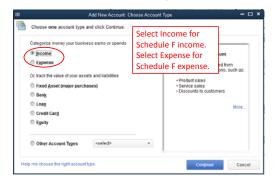
#### Add an Income or Expense Account



#### Add an Income or Expense Account

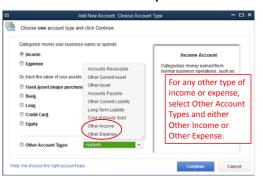


#### Add an Income or Expense Account

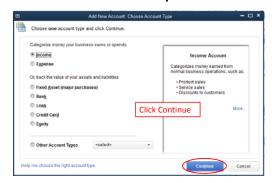




#### Add an Income or Expense Account



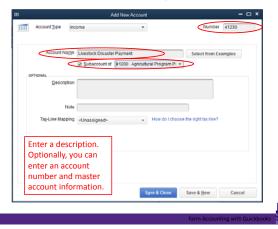
#### Add an Income or Expense Account



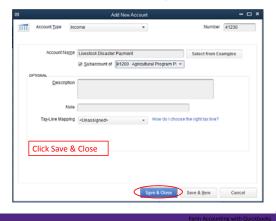


#### rarm accounting with quickbooks

#### Add an Income or Expense Account



#### Add an Income or Expense Account



#### Add an Inventory Account

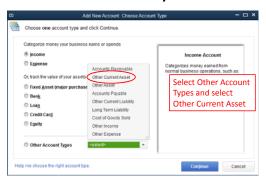


#### Add an Inventory Account



# Chart of Accounts Chart of Acco



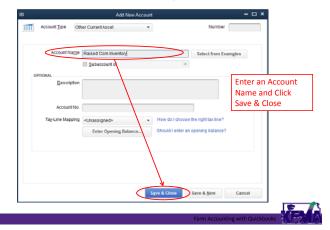


#### Farm Accounting with Quickhooks

#### Add an Inventory Account



#### Add an Inventory Account

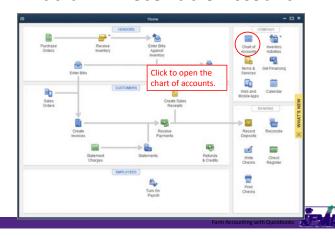




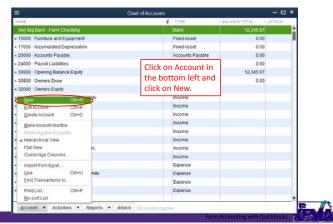
#### Add a LT Receivable Account



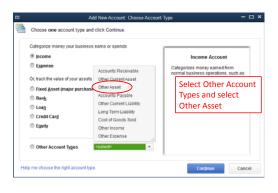
#### Add an LT Receivable Account



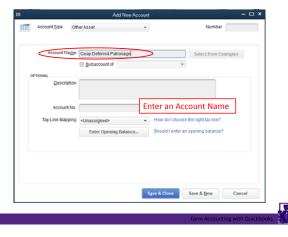
#### Add an LT Receivable Account



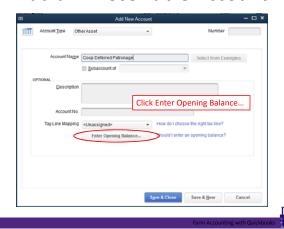
#### Add an LT Receivable Account



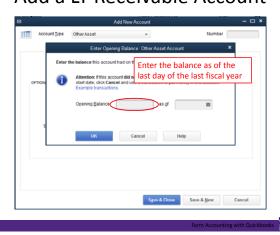
### Add a LT Receivable Account



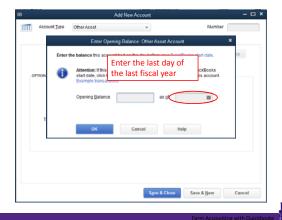
#### Add a LT Receivable Account



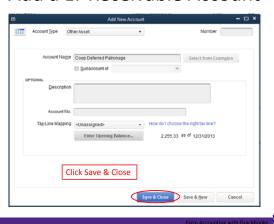
#### Add a LT Receivable Account



#### Add a LT Receivable Account



#### Add a LT Receivable Account



#### Adding Items



#### Quickbooks Items

- Items are used to detail purchase orders, sales receipts, and invoices and link them to inventory, income, and expense accounts
- Quantities are not available without the use of purchase orders, sales receipts, or invoices
- Several item types are available, we will use:
  - Inventory Part
  - Non-Inventory Part



#### Add an Inventory Part Item

- Inventory part items require links to 3 different accounts in the chart of accounts
  - Purchase account used to "hold" the cost of the asset until it is sold
  - Sale account used to record income from the sale of the asset
  - COGS account used to record cost of the asset consumed by the sale

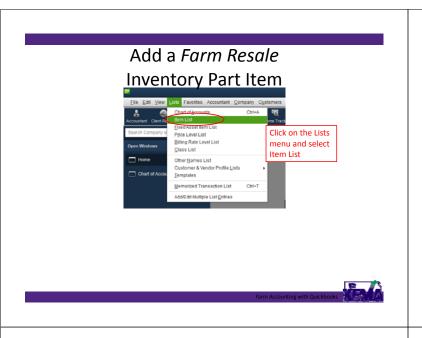
#### Add an Inventory Part Item

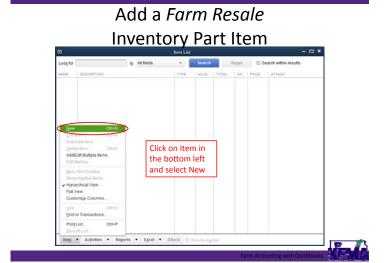
- Quickbooks utilizes the Average Cost method to calculate resale cost which is not available to farmers
- We must force Quickbooks to do what we want to track resale inventory
- For farm assets purchased for resale (feeder cattle), link the inventory part item to the same account

Add a Farm Resale Inventory Part Item

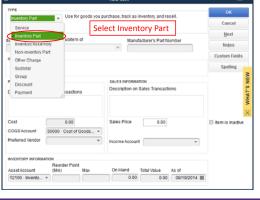


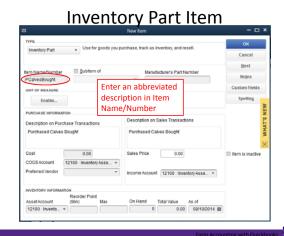






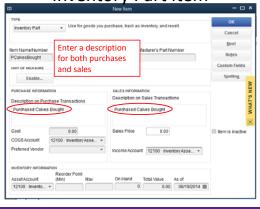
Add a Farm Resale **Inventory Part Item** Select Inventory Part



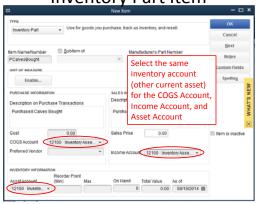


Add a Farm Resale

Add a Farm Resale **Inventory Part Item** 

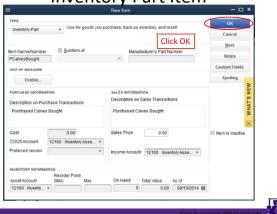


Add a Farm Resale **Inventory Part Item** 

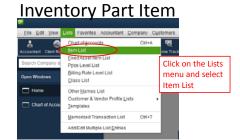




Add a *Farm Resale* Inventory Part Item



Add a *Raised*Inventory Part Item

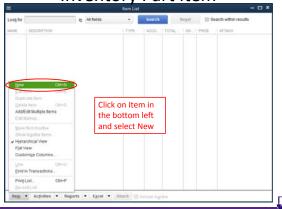


Add a Raised

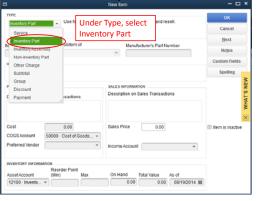


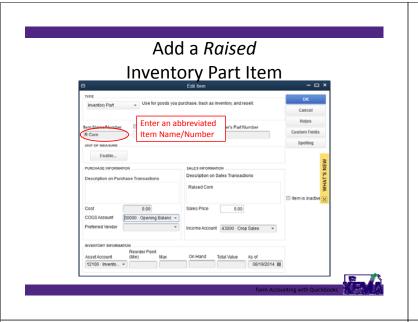


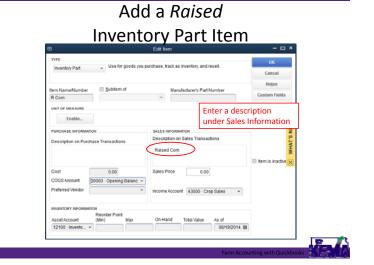
Add a *Raised*Inventory Part Item



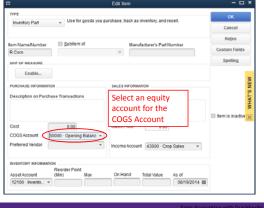
Add a *Raised*Inventory Part Item

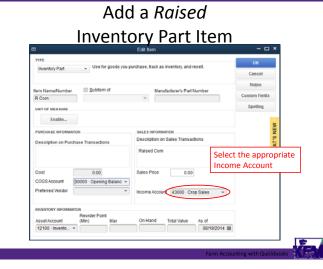




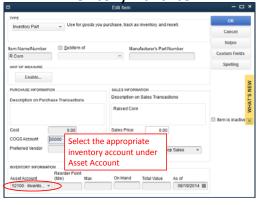


Add a Raised
Inventory Part Item
Edit hem
Use for goods you purchase, track as inventors, and resets.

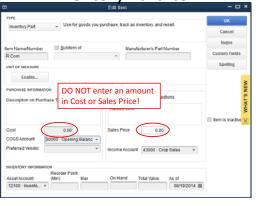




Add a *Raised*Inventory Part Item

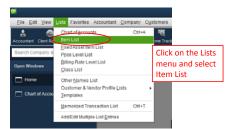


Add a *Raised*Inventory Part Item



#### Add a Non-Inventory Part Item

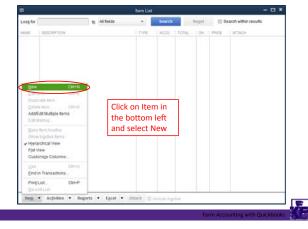
#### Add a Non-Inventory Part Item



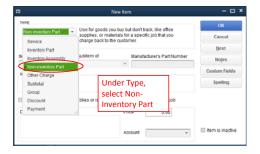




#### Add a Non-Inventory Part Item

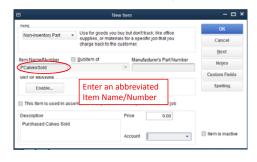


#### Add a Non-Inventory Part Item



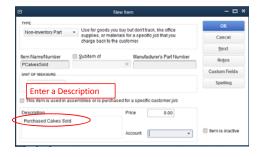


#### Add a Non-Inventory Part Item



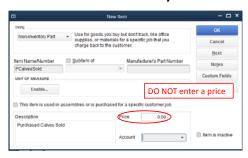


#### Add a Non-Inventory Part Item



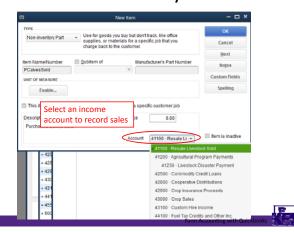


#### Add a Non-Inventory Part Item

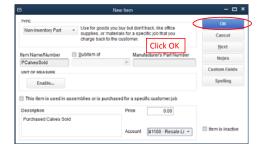




#### Add a Non-Inventory Part Item



#### Add a Non-Inventory Part Item





#### Questions?

#### Mark Dikeman



