



**FBS Systems, Inc.**

**Technology integration that works.**



# **What's New in Versions 8.11/10.0**



[www.fbssystems.com](http://www.fbssystems.com)

# Two Versions. One Future.



## Welcome to the future.

For the past 31 years, FBS System's strategy has been to:

- Aggressively and cost-effectively incorporate the innovative concepts requested by our "power users."
- "Bake in" business practices (such as Farm Financial Standards) that are critical for world-class management control.
- Maintain and upgrade our underlying software "platform" so it is compatible with constantly-changing hardware, database and communications technologies.
- Not neglect users who don't have the latest computers and/or just expect a stable, well-supported work environment.

Specifically, over the past two years we've concentrated our development resources on converting our Windows software from Microsoft Visual Basic (VB) 6.0 (FBS Version 8.11) to Microsoft .NET 2010 (FBS Version 10.0). At the same time we've **continuously maintained and updated Version 8.11 directly on your computer via the Internet**. Because .NET requires more resources and computing power than what many of our users currently have we're going to follow the same path we took when we converted from DOS to Windows:

- Your FBS CD includes both the VB (8.11) and the .NET (10.0) versions.
- We will support both technologies, but will focus future R&D exclusively on the .NET platform.

See the next page to compare of your options.

# Version Comparisons

## 8.11

- √ **Proven technology** (12 years of commercial use).
- √ Runs on **any Windows 98 or newer computer**.
- √ Includes **all FBS modules**.
- √ Written in **Microsoft Visual Basic 6.0**.
- √ Uses **Microsoft Access** database.
- √ Runs on **32 or 64-bit** computers in **32-bit emulation mode**.
- √ **Multi-user** and **Internet-hosted** options available.
- √ Covers cumulative **updates** from 7.1.10 through 6.30.11.
- √ **All new features** described in this booklet are available on 8.11.
- √ **All updates can be downloaded** from either Version 8.1 or 8.11.
- √ **Will be supported**, but **not updated** after 6.30.11.
- √ Is the **default installation option** on the FBS CD.

## 10.0

- √ **All-new programming platform** (Microsoft .NET 2010).
- √ Requires computers with **Windows XP or later, 2.5 Ghz, 2GB RAM**.
- √ For best performance we recommend a **fast Windows 7 computer**.  
(Contact our Support Department for guidelines.)
- √ Please check with FBS for add-on modules status before installing.
- √ Uses **MS Access, SQL, Oracle** or any ODBC database.
- √ **No data conversion** from V. 8.11 if remaining in Access.
- √ Runs on **32 and 64-bit** computers. (Can address 64-bit memory.)
- √ **Multi-user** and **Internet-hosted** options available.
- √ Covers cumulative **updates** through 6.30.11.
- √ **New foundation for all future updates and upgrades**.

We encourage you to explore the new features in this booklet and “test drive” them on your own computer (most are available as limited-life “demos”). You’ll discover that each module works seamlessly with the rest of the FBS System to save time, reduce errors and provide a whole new level of analysis and collaboration to your management team.

# General

## Network Security

### New High Security Network Options

- Vendor setup
- Inventory Register
- Scanner
- ACH Export
- Dashboard (Batch Reports)
- FODM Import
- TA+ Import/Export
- Pocket PC Interface
- DTN Interface

(BFH10) Add New User (2)

User name: NORM

Password: [masked]

Active user:

Data drive/directory: P:\Fbs\win81\DATA\

Printer: [dropdown]

Restrict access:

Access These Files:

Company #1: [All Company Files]

Company #2: [All Company Files]

Company #3: [All Company Files]

Company #4: [All Company Files]

Company #5: [All Company Files]

Save Cancel

Allow access to:

Program	Input/Edit/Reports/Setup
General Setup	<input type="checkbox"/>
TransAction Plus	<input type="checkbox"/>
Crop Audit	<input type="checkbox"/>
Smart Breeder	<input type="checkbox"/>
Smart Feeder	<input type="checkbox"/>
Change Directories	<input type="checkbox"/>
Accounts Payable	<input type="checkbox"/>
Accounts Receivable	<input type="checkbox"/>
Farm Feed Mill	<input type="checkbox"/>
Commercial Feed Mill	<input type="checkbox"/>
Packer Interface	<input type="checkbox"/>
Feeding Inventory Valuation	<input type="checkbox"/>
Crop Inventory Valuation	<input type="checkbox"/>
Standard Cost/W/Ip Inventory	<input type="checkbox"/>
SF User Defined Report	<input type="checkbox"/>
Group Open/Closed Reports	<input type="checkbox"/>
Group Monitor Report	<input type="checkbox"/>
Feed Budget/Delivery	<input type="checkbox"/>
Contract Module	<input type="checkbox"/>
Allow I/S, B/S, Trial Balance	<input type="checkbox"/>
Edit Vendor File	<input type="checkbox"/>
Inventory Register	<input type="checkbox"/>
Scanner Interface	<input type="checkbox"/>
Export to ACH File	<input type="checkbox"/>
Dashboard Interface	<input type="checkbox"/>
Crop Yield Import	<input type="checkbox"/>
TA+ Import/Export	<input type="checkbox"/>
Pocket PC Interface	<input type="checkbox"/>
DTN Interface	<input type="checkbox"/>

# TransAction Plus

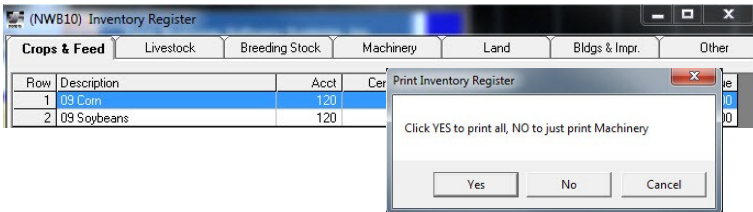
## Setup

### Centers

- Increased Center limit from 2,000 to 3,000
- Force inactive date for centers (except type S)

### Inventory Register

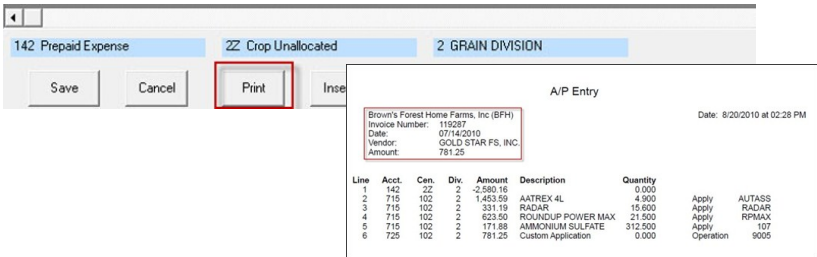
- New option to print current tab



## Input/Edit

### Data Entry

- **Print Entry** Routine for TA+ Input/Edit includes bank account, company name and journal report type



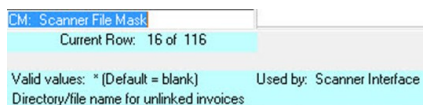
- Added preference to display up to 99 "last" entries
- Updates edit date when deleting TA+ entry

### Payroll

- Imports from new **Center Point Payroll** export file

### Scanning

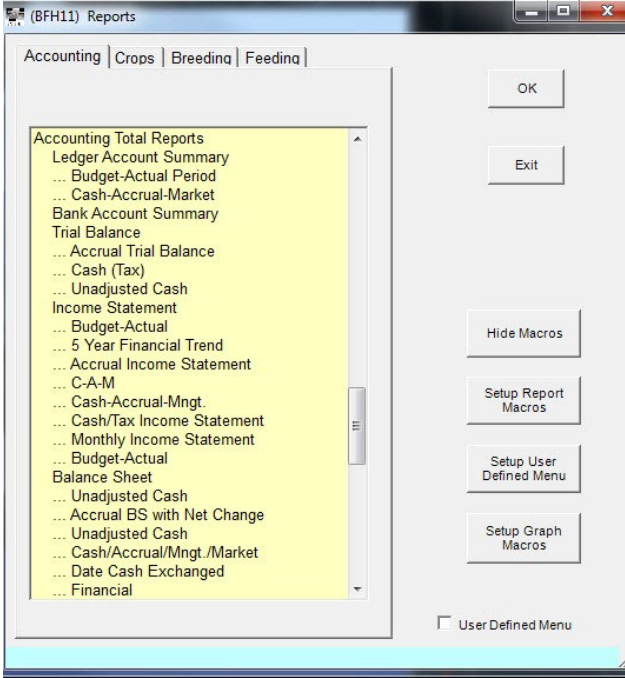
- Added Preference for **batch scanning invoices** for Scanner Interface



# Reports

## New Tabbed Interface for Selecting Reports

- Reports are now grouped by tabs for Accounting, Crops, Breeding, and Feeding.



## Deleted Entry Report

- Added Entry Date/Date Deleted

Entry Type	Entry Date	Date Deleted
unknown	07/14/2010	07/14/2010
unknown	07/23/2010	07/23/2010
unknown	07/23/2010	07/23/2010
unknown	08/04/2010	08/04/2010
unknown	08/04/2010	08/04/2010
unknown	08/04/2010	08/04/2010
unknown	08/04/2010	08/04/2010

## User Defined Report (Network only)

- Added Input/Edit User Name

Entry Date	Update Date	Entry User	Update User
08/14/2009	09/02/2009	SUPERVISOR	NORM
08/14/2009	09/02/2009	SUPERVISOR	NORM
08/14/2009	09/02/2009	SUPERVISOR	NORM
08/14/2009	09/02/2009	SUPERVISOR	NORM

## Check Register

- Changed Check Register by date cleared to include uncleared entries

## 1099 Report

- Added Form 1096 (Transmittal Form)

## Accounts Payable/Receivable

- New A/P – A/R Vendor Detail Report
  - \* (All detail, all vendors)

Edt	Date	Invoice	Vendor	Amount	No.	Amnt Paid	Amnt Due	Over Paid	Due Date	Pay Date	Entry Type
	05/20/2010	0520101	WHEATLAND	18.44					06/10/2010		A/P
	06/21/2010	07092010	WHEATLAND CO. CO-OP	28,319.35	5120	28,319.35	0.00		07/09/2010	07/06/2010	A/P Check
	06/21/2010	10012010	WHEATLAND CO. CO-OP	28,319.35					10/01/2010		A/P
	08/05/2010	58	Wheat & Brochu Trust	26,049.66					08/05/2010		A/P
			ALPHA FS	50,727.78		47,702.24	3,025.44				
			AMERTRIP	-27.65		0.00	-27.65				
			CANTONAGE WEATHERHEAD SEER	52,255.64		52,207.04	48.60				
			GOLD STAR FS, INC.	104,292.29		74,793.73	29,498.56				
			Wheat & Brochu	112,544.50		99,244.50	13,300.00				
			Wheat & Brochu Trust	26,049.66		0.00	26,049.66				
			WHEATLAND CO. CO-OP	56,638.70		28,319.35	28,319.35				
			Wheatland Trusting	3,796.50		3,610.20	186.30				
			<b>TOTALS</b>	<b>406,277.42</b>		<b>305,877.16</b>	<b>100,400.26</b>				

- Added **ledger account balance** (for A/P or A/R accounts) to Aging Report (cross-check)
- Added new (34) detail line type (Date/Invoice/Paid/Amount/Due) to A/R Statements

## Contract Module

### Data Fields

- Added new fields for improved efficiency and compatibility

Active

Number

Description

Contract type

Product

DTN Contract

TA\* Quantity  Quantity

Number of Contracts

Quantity per Contract  BU

Total Contract Quantity  BU

Conversion factor

Price/Initial payment

Elevator/Vendor

Crop center

Project

Delivery date

Creation date

Quarter Used

Quantity Delivered  BU

OK Cancel

- \* Link to DTN Contract
- \* Number of Contracts
- \* Quantity per Contract  
(More efficient data entry/  
storage & CIH compatibility)
- \* Quarter Used  
(For better matching margins  
& CIH compatibility)

### General

- Increased **contract limit** from 100 to 500
- Setup file exports to Dashboard
- Now \$595.00

# Contract Module (Cont.)

## History Report

- Includes current DTN market prices, Market Value and Net Position (Variance)

(BFH10) Contract History Report													
Detail													
Edit	Number	Date	Vendor	Contract	Contract Desc.	Quantity	Amount	Balance	Unit Price	Mkt Price	Mkt Value	Variance	Con. Desc.
		07/19/2010	GOLD STAR FS, INC.	39902	Soybean River Ope	2,500.00	24,000.00	2,500.00	9.60	10.40			
		07/22/2010	GOLD STAR FS, INC.	39938	Soybean River Ope	2,500.00	24,250.00	2,500.00	9.70	10.40	25,993.75	1,993.75	Soybean Invent
		08/13/2010	GOLD STAR FS, INC.	40392	Soybean August 10	4,000.00	41,800.00	4,000.00	10.45	10.34	41,360.00	-439.75	Soybean Invent

## History Report Recap

- By contract
- By delivery month
- By commodity
- By vendor
- By quarter

(BFH10) Contract History Report											
Detail							Recap by Delivery Month				
Description	Cont Quan	Cont Value	Del. Quan	Del. Value	Cont Price	Del. Price	Mkt. Price	Mkt. Value	Balance	Commodity	
October 2010	1,200.00	32,160.00	0.00	0.00	76.80	0.00	74.95	89,820.00	1,200.00	Hogs	
December 2010	5,000.00	365,842.00	0.00	0.00	73.17	0.00	73.05	365,250.00	5,000.00	Hogs	
February 2011	4,200.00	319,748.00	0.00	0.00	76.13	0.00	75.75	318,150.00	4,200.00	Hogs	
April 2011	1,400.00	108,434.00	0.00	0.00	77.45	0.00	76.65	107,310.00	1,400.00	Hogs	
June 2011	3,200.00	265,576.00	0.00	0.00	82.99	0.00	82.58	264,256.00	3,200.00	Hogs	
Totals	15,000.00	1,151,760.00	0.00	0.00	76.78	0.00	76.32	1,144,786.00	15,000.00		



## New Interfaces

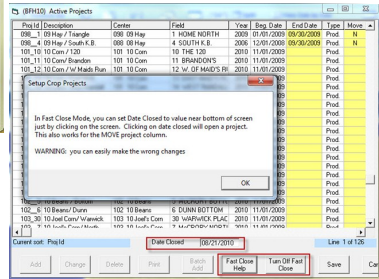
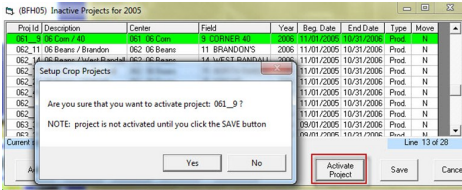
- DTN
  - \* See DTN section
- Budget Crop Inventory Report
  - \* See Crop Audit Section
- Budget Crop Inputs Inventory Report
  - \* See Crop Audit Section
- Budget Feed Ingredient Summary Report
  - \* See Smart Feeder Section



# Crop Audit Plus Setup

## Projects

- Added option to activate Closed Projects



- Added Fast Close routine
- Increased column width for Project number when printing from Project Setup

## Inventory

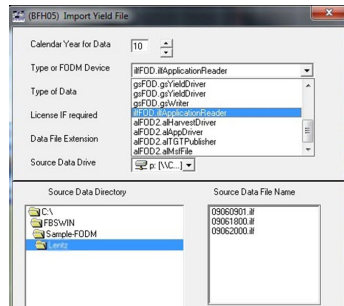
- Increased production/wip Center limit from 300 to 400 on Inventory Valuation
- Added EPA Number and Inventory display to Crop Chemicals main setup screen

Number	Description	Active	Chem Type	Purch Unit	AU in Pur	Appl. Unit	Budget Price	Int Id	EPA Number	Inventory
107	AMMONIUM SULFATE	A	2 Herbicide	LB	1.00	LB	0.36	107	EX-EMPT	1,732.00
96	AQUAGENE 90	A	2 Herbicide	GAL	8.00	PT	11.08	96	EX-EMPT	1.00
5	AQUAZINE	A	2 Herbicide	LB	1.00	LB	9.74	5	100-650	0.00
105	ASSURE II	A	2 Herbicide	GAL	8.00	PT	0.00	105	352-541	0.00
4	ATRAZINE	A	2 Herbicide	GAL	4.00	QUART	7.91	4	2749-336-534	0.00
AT90DF	ATRAZINE 90DF	A	2 Herbicide	LB	1.00	LB	7.91	T90DF	2749-336-534	580.00
97	AUTHORITY 75 DF	A	2 Herbicide	LB	16.00	OZ	0.00	97		0.00
JTASS	AUTHORITY ASSIST 4X	A	2 Herbicide	GAL	16.00	OZ	0.00	JTASS		0.00
27	AZTEXC	A	3 Insectide	LB	1.00	LB	2.00	27	1125-412	1,625.00

## Input

### Field Records

- Added support for importing field records using FODM interface



# Reports

## Crop Inventory Report from LifeCycle Budget

- Includes drill-down/edit capability for:
  - \* Seed, Chemicals, Fertilizer, Fuel

0) Crop Inventory Report - Scenario 5 Real-Time Prices								
Entry Type	Date	Stor.	Stor. Desc.	Moisture	Wet Quan.	Dry Quan.	Value	Unit Price
Crop Inv.	01/01/2010	sg. Inv.			15,000.0000	15,000.0000	120,000.00	8.00
Crop Sales	04/01/2010				5,000.0000	5,000.0000	47,650.00	9.53
Crop Sales	04/01/2010				2,500.0000	2,500.0000	23,750.00	9.50
Crop Sales	06/01/2010				2,500.0000	2,500.0000	23,750.00	9.50
Crop Sales	07/01/2010				5,000.0000	5,000.0000	42,500.00	8.50
Beginning Inventory					15,000.0000	15,000.0000	120,000.00	8.0000

**(BFH10) Crop Inventory Report**

Beginning date: 01/01/2010

Ending date: 12/31/2010

Center range: 2

Project range: 0-zzzzzz

Commodity range: 0-zzzzzz

Storage range: 0-zzzzzz

Seed Trait range: 0-zzzzzz

Type of recap: 1 None

Print detail:

Sort by recap field:

Examine report on screen:

---

LCB Parameters:

Use LCB:

Select LCB Scenario: 5 Real-Time Prices

Additions to Inventory				
Harvest	0.000	0.000	0.00	0.0000
Purchases	0.000	0.000	0.00	0.0000
Transferred In	0.000	0.000	0.00	0.0000
Adjustments (+)	0.000	0.000	0.00	0.0000
<b>Total Additions</b>	<b>0.000</b>	<b>0.000</b>	<b>0.00</b>	<b>0.0000</b>
Deductions from Inventory:				
Sales	-15,000.000	-15,000.000	-137,650.00	9.1767
Transferred Out	0.000	0.000	0.00	0.0000
Adjustments (-)	0.000	0.000	0.00	0.0000
<b>Total Subtractions</b>	<b>-15,000.000</b>	<b>-15,000.000</b>	<b>-137,650.00</b>	<b>9.1767</b>
<b>Ending Inventory</b>				
	0.000	0.000	-17,650.00	0.0000

## Inventory Valuation Detail Report

- Added Project Period

**(BFH05) Crop History Report**

Beginning date: 01/01/2009

Ending date: 12/31/2009

Center range: 0-zzzzzz

Field range: 4,6,7,8,10,11,12,13,14,15,16,17,20,21

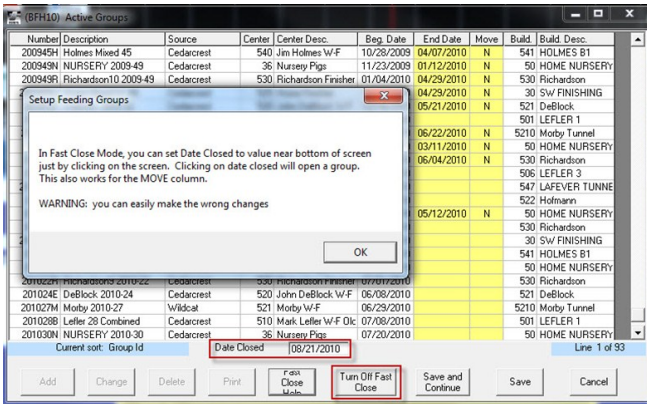
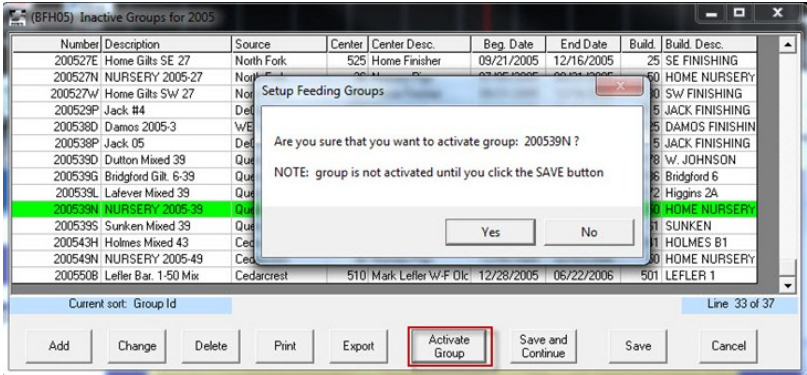
## Crop History

- Added warning to indicate Centers, Field etc. ranges have been exceeded for Crop report parameters
- Added error trapping on Chem/Seed/Fert valuation to catch purchase or application to 4 decimal places, when only 3 are displayed
- Changed **Crop History sort** from 2 to 3 columns

# Smart Feeder Setup

## Groups

- Added option to activate Closed Groups



- Added Fast Close routine

- Increased column width for Group number when printing from Group Setup
- Increased **Ingredient** and **Ration limits** from 600 to 800

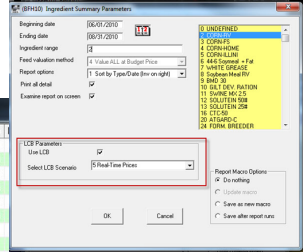
## Input

- On Feeding edit for death/move/purchase records, now sets Center unit for pricing on load instead of after exiting Center input since it already knows the Center

# Reports

- **Feed Ingredient Inventory Report from LifeCycle Budget**
  - \* Includes drill-down/edit capability

No.	Ingredient	Type	Date	No.	Center	No.	Build	Quantity
2	CDRN-RV	Purchase	06/01/2010	50	Feed/Drug Inventory			560,000.0000
2	CDRN-RV	Fed	06/01/2010	50	Feed/Drug Inventory			1,526,812.8800
2	CDRN-RV	Purchase	07/01/2010	50	Feed/Drug Inventory			1,120,000.0000
2	CDRN-RV	Fed	07/01/2010	50	Feed/Drug Inventory			1,286,103.9400
2	CDRN-RV	Purchase	08/01/2010	50	Feed/Drug Inventory			560,000.0000
2	CDRN-RV	Fed	08/01/2010	50	Feed/Drug Inventory			1,501,723.1300
<b>Totals</b>								
Totals				Purchases				
Totals				Total Fed				
Totals				Net Change				
Totals				Totals				
Totals				Ending Inventory				



- **Open/Closed Group Reports** added **Location range** if Location is used to define Group
- Added **Group Period** to **Inventory Valuation Detail Report**
- Added **LOCM** column to **Feedlot Performance Monitor** by date
- Changed variables for weight/feed calculation on **Group Monitor Report** from integer to decimal for more accurate ADG and FCR by day
- Added **Option B** (Group/Date/Ration/Pen) to **Ticket Ration Report** to print totals by Pen
  - \* Where Pen (Location) is independent of Group
  - \* Primarily for cattle feeding
- **User Defined Report**
  - \* Added Location Range
  - \* Updates **Sub Total** lines when adding, deleting, or dragging rows

## Planning/LCB

Row	Feeding Date	Feeding \$/Lb	Haylage \$/Lb	Feeding Date	Feeding \$/Lb	Com Date	Com \$/Lb	SOYB Date	SOYB \$/Lb
1				01/02/2011	51.26	01/02/2011	3.80	01/02/2011	284.26
2				01/09/2011	51.26				
3				01/16/2011	51.26				
4				01/23/2011	51.26				
5				01/30/2011	51.26				
6				02/06/2011	53.14				
7				02/13/2011	53.14				
8				02/20/2011	52.85				
9				02/27/2011	52.85				
10				03/06/2011	52.85				
11				03/13/2011	52.85				
12				03/20/2011	52.85				
13				03/27/2011	52.85				
14				04/03/2011	53.40				
15				04/10/2011	53.40				
16				04/17/2011	54.34				
17				04/24/2011	54.34				
18				05/01/2011	54.34				
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41				10/09/2011	56.00				
42				10/16/2011	56.00				
43				10/23/2011	56.00				
44				10/30/2011	56.00				
45				11/06/2011	56.00				



- Global Sales Prices for Animal Sales, Corn and Soybean Meal from DTN History (stored by week)

# Planning Recap

- Current net cash sale prices from DTN

DTN Sales Price								56.51	56.51	50.74	50.74	53.10
DTN Corn Price								3.98	4.14	4.14	4.14	4.26
DTN Soybean Meal								301.32	293.52	294.32	294.32	291.32

- Contract positions from Contract Module

(BFH10) Smart Feeder Planning Recap - Scenario - 5 Real-Time Prices													
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	TOTALS
<b>Inventory</b>													
Number	14,190	15,693	14,952	18,946	16,787	16,661	14,083	17,482	16,304	17,781	18,053	13,973	14,190
Average Weight	54.85	111.81	54.25	86.14	125.31	129.15	99.00	107.44	97.40	111.27	137.69	121.50	54.85
Value per Cwt	74.89	34.21	27.03	23.06	24.34	27.26	20.63	24.66	21.64	23.28	31.36	32.27	74.89
<b>Moved in</b>													
Number	1,483	0	1,453	0	1,482	0	1,480	0	1,480	0	1,480	0	8,858
Average Weight	56.00	0.00	54.00	0.00	56.50	0.00	60.00	0.00	60.00	0.00	60.00	0.00	57.76
Value per Cwt	36.96	0.00	45.14	0.00	42.95	0.00	0.00	0.00	22.70	0.00	0.00	0.00	23.89
<b>Purchased</b>													
Number	7,375	1,682	5,926	0	3,691	2,400	6,600	4,500	2,400	3,700	0	3,900	42,174
Average Weight	12.95	12.98	12.47	0.00	7.98	12.00	12.00	12.00	12.00	12.00	0.00	12.00	11.92
Value per Cwt	246.14	245.99	254.96	0.00	350.25	267.00	251.39	283.11	283.00	233.33	0.00	233.33	259.31
<b>Death Loss</b>													
Number	112	35	31	11	273	80	305	200	122				1,434
Average Weight	145.93	153.00	64.19	198.18	80.81	12.00	19.08	16.00	33.77				47.54
<b>Moved out</b>													
Number	1,480	0	1,480	0	1,480	0	1,480	0	1,480	0	1,480	0	8,880
Average Weight	65.50	0.00	65.50	0.00	65.50	0.00	65.50	0.00	65.50	0.00	65.50	0.00	65.50
Value per Cwt	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Sold</b>													
Number	5,763	2,388	1,874	2,148	3,546	4,899	2,996	5,478	901	3,308	4,035	5,207	42,342
Average Weight	271.20	263.56	272.36	260.47	266.94	270.08	270.09	270.08	270.10	270.06	270.10	270.08	269.22
Value per Cwt	50.00	50.00	50.00	50.00	56.33	58.38	59.24	56.51	56.51	50.74	50.74	53.10	53.61
<b>Total Value</b>	781,451.99	314,689.99	255,203.00	279,742.52	533,230.45	762,134.45	460,251.14	837,981.99	122,259.44	476,523.07	552,984.41	770,734.51	1,111,324.49
<b>Contract Head</b>						2,400.00	1,000.00	1,000.00		1,200.00		5,000.00	
<b>Contract Value</b>						368,251.73	156,891.38	154,950.76		186,666.10		741,048.18	
<b>% Contracted</b>						49.00	34.53	18.25		36.28		96.02	

DTN or "Blended" Contract/Open Values

## Feed Mills

- Added preference to force Beginning date on Commercial Feed Mill to wide open period instead after last entry

Mill Days to Look Back

Current Row: 47 of 117

Valid values: 9-365 (Default = 0) Used by: Commercial Feed Mill interface

Desc: IF set, beginning date = days before today

- Added transfer report to Farm Feed Mill
- Check for duplicate entries on WEM feed file
- Added error trapping to entry of Beginning/Ending Group date Contract Module

## Packer Interface

- Added code to trap line of commas instead of blank line on Tyson Packer file used to separate sections
- Added trait: **Weighing Charge** to Swift Packer Interface
- Modified **Excel/Cargill** interface to split out **Yield Premium**
- Modified **Hormel** interface to add PPC column to NPPC Checkoff

# Dashboard

Contract File export

Batch scheduler allows Smart Feeder Planning export

Flash graphics

PDA/Smartphones

New Model Based Connector

- Unstructured text data (fixed length records)
- Delimited text data
- XML
- Text based PDFs



# DTN Interfaces

Futures/Cash Contract Positions

Budgets

Financial Statements

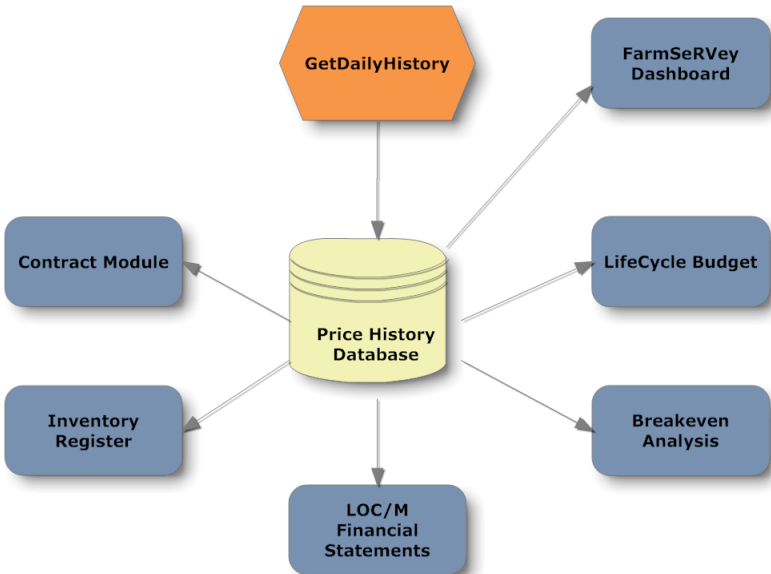
Risk Management Tools

Dashboards

## Interface Overview

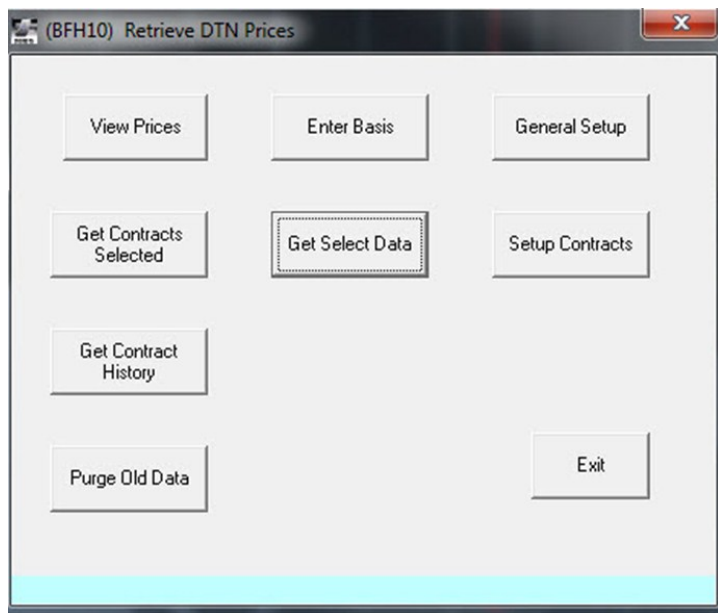
- Uses on-premises historical database
- User selects contracts, starting date, delivery period and basis for futures contracts
- Each commodity/contract is mapped to an FBS data field and/or ingredient
- At predetermined time GetDailyHistory called to refresh tables in historical database
- All FBS analysis modules query this database to update market price data

## Real-Time Price Model



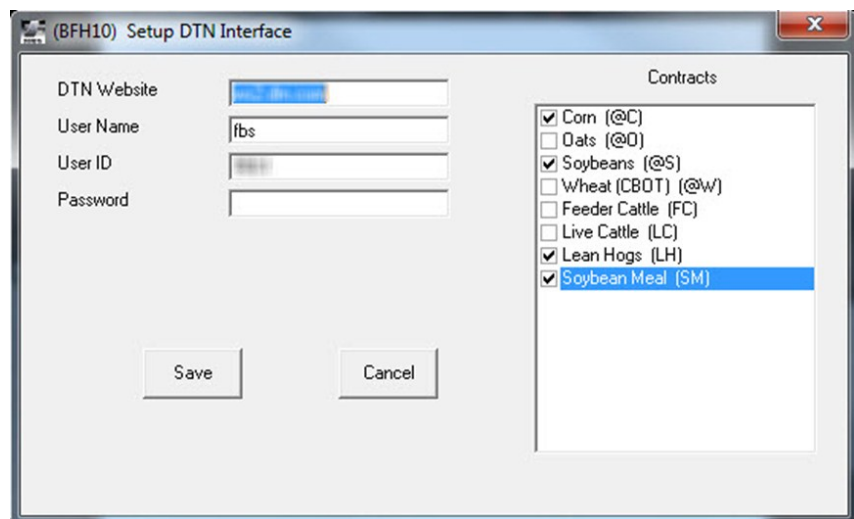
# DTN Setup

## Main Menu



## General Setup

- Choose commodities/contracts





## Match to FBS

- Contract Product
- Crop Center
- Feed Ingredient
- Adjustment to convert to \$xxx.xx format
- Allow matching to Contracts

(BFH10) Edit Contracts

Row	Symbol	Description	Commodity	Center/Ang	Adjustment	Track
1	@C	Corn	A Corn	1/2	2 Divide by 100	Y
2	@O	Oats	I Oats		2 Divide by 100	N
3	@S	Soybeans	B Soybeans	2	2 Divide by 100	Y
4	@W	Wheat (CBOT)	D Wheat		2 Divide by 100	N
5	FC	Feeder Cattle	G Feeder Cattle		0 None	N
6	LC	Live Cattle	H Live Cattle		0 None	N
7	LH	Lean Hogs	F Lean Hogs		0 None	Y
8	SM	Soybean Meal	C Soybean Meal	8	0 None	Y

Add

Change

Delete

Print

Save

Cancel

Add/Change Contract

Symbol: @C

Description: Corn

Commodity: A Corn

Crop Center: 1 Corn Inventory

Ingredient: 2 CORN-RV

Adjustment: 2 Divide by 100

Track Contract:

OK

Cancel

Row 1 of 8

## Input basis

- By Vendor
- By Product
- By (starting) Date

(BFH10) Input/Edit Basis

Row	Vendor	Product	Basis	Ending Date
1	FARMLAND INDUSTRIES	F Lean Hogs	3.00	06/14/2010
2	FARMLAND INDUSTRIES	F Lean Hogs	3.00	07/15/2010
3	FARMLAND INDUSTRIES	F Lean Hogs	2.50	08/13/2010
4	FARMLAND INDUSTRIES	F Lean Hogs	1.75	09/30/2010
5	FARMLAND INDUSTRIES	F Lean Hogs	3.00	10/14/2010
6	FARMLAND INDUSTRIES	F Lean Hogs	6.25	11/30/2010
7	FARMLAND INDUSTRIES	F Lean Hogs	3.25	12/14/2010
8	FARMLAND INDUSTRIES	F Lean Hogs	5.75	01/31/2011
9	FARMLAND INDUSTRIES	F Lean Hogs	3.25	02/14/2011
10	FARMLAND INDUSTRIES	F Lean Hogs	4.75	03/31/2011
11	FARMLAND INDUSTRIES	F Lean Hogs	3.75	04/14/2011
12	FARMLAND INDUSTRIES	F Lean Hogs	5.25	05/13/2011
13	RIVER VALLEY COOPERATIVE	A Corn	0.18	12/31/2010
14	RIVER VALLEY COOPERATIVE	C Soybean Meal	-2.00	12/31/2010

Add/Change Basis

Vendor: FARMLAND INDUSTRIES

Product: F Lean Hogs

Basis: 3.00

Ending Date: 10/14/2010

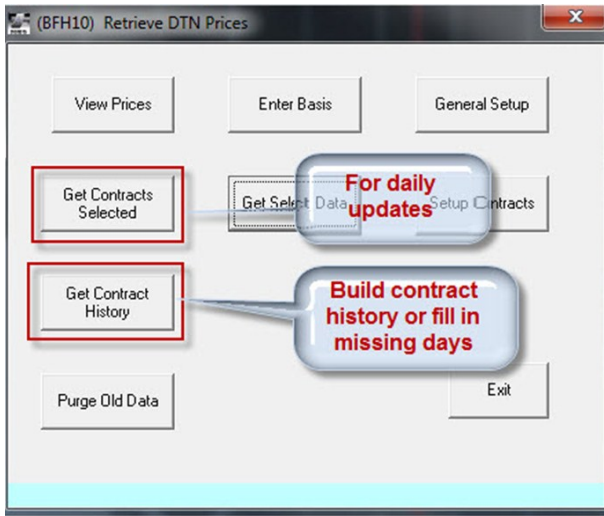
OK

Cancel

# DTN Update

## Price Update Retrieval Options

- Get either Current or Historical price updates from DTN



- Automatic updates also available using Windows Task Scheduler

## DTN File Access and Reports

### Open Access Database Lists Current and Historical Prices

Contracts			Historical Data					
Row	Contract	Description	Open Price	Close Price	High Price	Low Price	Price Date	Exp
330	Com (@C)	CDRN March 2011	4.0350	4.0650	4.1175	4.0300	07/29/2010	03/14
331	Com (@C)	CDRN March 2011	4.0575	4.1875	4.1900	4.0575	07/30/2010	03/14
332	Com (@C)	CDRN March 2011	4.1750	4.1650	4.2900	4.1525	08/02/2010	03/14
333	Com (@C)	CDRN March 2011	4.1575	4.1650	4.2125	4.1225	08/03/2010	03/14
334	Com (@C)	CDRN March 2011	4.1550	4.2800	4.2950	4.1450	08/04/2010	03/14
335	Com (@C)	CDRN March 2011	4.2650	4.3000	4.5000	4.2325	08/05/2010	03/14
336	Com (@C)	CDRN March 2011	4.2725	4.3300	4.3500	4.2025	08/06/2010	03/14
337	Com (@C)	CDRN March 2011	4.3050	4.3175	4.3875	4.2925	08/09/2010	03/14
338	Com (@C)	CDRN March 2011	4.3075	4.2300	4.3150	4.2225	08/10/2010	03/14
339	Com (@C)	CDRN March 2011	4.2225	4.2425	4.2850	4.1950	08/11/2010	03/14
340	Com (@C)	CDRN March 2011	4.2325	4.3475	4.4250	4.2300	08/12/2010	03/14
341	Com (@C)	CDRN March 2011	4.3425	4.4050	4.4200	4.3425	08/13/2010	03/14
342	Com (@C)	CDRN March 2011	4.3825	4.3625	4.4625	4.3475	08/16/2010	03/14
343	Com (@C)	CDRN March 2011	4.3575	4.4350	4.4475	4.3525	08/17/2010	03/14
344	Com (@C)	CDRN March 2011	4.4250	4.4600	4.4700	4.3700	08/18/2010	03/14
345	Com (@C)	CDRN March 2011	4.4500	4.4125	4.4975	4.3825	08/19/2010	03/14
346	Com (@C)	CDRN March 2011	4.4050	4.4875	4.4950	4.3650	08/20/2010	03/14

- View, edit, export from this screen
- Connects with numerous FBS modules

# Futures/Cash Contract Positions

## Contract Module

- Any Product
- Type
  - \* Hedge
  - \* Option
  - \* Cash
  - \* HTA, etc.
- Sale/Purchase
- Delivery Period
- Quantity

## Contract History

- Tracks deliveries and open positions
- Add columns for futures/options open equity

(BFH10) Contract History Report											
Detail							Recap by Delivery Month				
Description	Cont Quan.	Cont Value	Del. Quan.	Del. Value	Cont Price	Del Price	Mkt. Price	Mkt. Value	Balance	Commodity	
October 2010	1,200.00	92,160.00	0.00	0.00	76.80	0.00	74.85	89,820.00	1,200.00	Hogs	
December 2010	5,000.00	365,842.00	0.00	0.00	73.17	0.00	73.05	365,250.00	5,000.00	Hogs	
February 2011	4,200.00	319,748.00	0.00	0.00	76.13	0.00	75.75	318,150.00	4,200.00	Hogs	
April 2011	1,400.00	108,434.00	0.00	0.00	77.45	0.00	76.65	107,310.00	1,400.00	Hogs	
June 2011	3,200.00	265,576.00	0.00	0.00	82.99	0.00	82.58	264,256.00	3,200.00	Hogs	
<b>Totals</b>	<b>15,000.00</b>	<b>1,151,760.00</b>	<b>0.00</b>	<b>0.00</b>	<b>76.78</b>	<b>0.00</b>	<b>76.32</b>	<b>1,144,786.00</b>	<b>15,000.00</b>		

Description	Wet BU	Dry BU	Value	Unit Price
Beginning Inventory	21,466.821	15,026.320	150,263.20	10.0000
<b>Additions to Inventory</b>				
Harvest	0.000	0.000	0.00	0.0000
Purchases	0.000	0.000	0.00	0.0000
Transferred In	0.000	0.000	0.00	0.0000
Adjustments (+)	0.000	0.000	0.00	0.0000
<b>Total Additions</b>	<b>0.000</b>	<b>0.000</b>	<b>0.00</b>	<b>0.0000</b>
<b>Deductions from Inventory</b>				
Sales	0.000	0.000	0.00	0.0000
Transferred Out	0.000	0.000	0.00	0.0000
Adjustments (-)	0.000	0.000	0.00	0.0000
<b>Total Subtractions</b>	<b>0.000</b>	<b>0.000</b>	<b>0.00</b>	<b>0.0000</b>
<b>Ending Inventory</b>	<b>21,466.821</b>	<b>15,026.320</b>	<b>141,247.41</b>	<b>9.4000</b>
Contracted		7,500.000	72,400.00	9.6533
<b>Open Inventory</b>		<b>7,526.320</b>	<b>68,847.41</b>	<b>9.1476</b>
<b>EAST BEHLEN</b>	<b>1,054.840</b>	<b>1,021.480</b>	<b>10,214.80</b>	<b>10.0000</b>
<b>E. BEHLEN-B.H 27x11'</b>	<b>16,639.650</b>	<b>10,232.510</b>	<b>102,325.10</b>	<b>10.0000</b>
<b>N.RANDALL 22x15'</b>	<b>3,772.331</b>	<b>3,772.330</b>	<b>3,723.30</b>	<b>10.0000</b>
<b>Ending Inventory</b>	<b>21,466.821</b>	<b>15,026.320</b>	<b>141,247.41</b>	<b>9.4000</b>

## Crop Inventory

- Tracks priced and open inventories
- (Last) daily price record drives value of open inventories

# LifeCycle Budget

## Projected Crop Sales database

(BFH10) Crop Budget Sales Input/Edit - Scenario - 4 Updated 4/6/10

Update from  
DTN

Line	Date	Type	Account	Division	Mkt. Cen.	Feed Ingrd.	Quantity	Unit Price	Total Price
1	03/01/2010	S	300	2		2 Soybean Inventory	5,000.00	\$9.53	\$47,650.00
2	4/1/2010	S	300	2			5,000.00	\$8.50	\$42,500.00
3	6/1/2010	S	300	2			5,000.00	\$8.00	\$40,000.00
4	7/1/2010	S	300	2			4,200.00	\$8.00	\$33,600.00
5	1/31/2010	B	535	2			7,500.00	\$3.50	\$26,250.00
6	3/1/2010	B	535	2			20,000.00	\$3.50	\$70,000.00
7	8/1/2010	B	535	2			14,000.00	\$3.50	\$49,000.00
8	11/1/2010	B	535	2			20,000.00	\$4.00	\$80,000.00
9	6/1/2010	B	535	2			20,000.00	\$3.50	\$70,000.00
10	2/1/2010	B	535	2			7,700.00	\$3.45	\$26,565.00
11	7/1/2010	B	535	2			20,000.00	\$3.50	\$70,000.00

\* Updates monthly cash flow budget

Accounts	January 2010	February 2010	March 2010	April 2010	May 2010	June 2010	July 2010
300 Crop/Feed Sales	0.00	0.00	47,650.00	42,500.00	0.00	40,000.00	33,600.00

## SF Planning/LifeCycle Budget

Adjust livestock purchase/sales/feed assumptions by week from DTN prices

5 Real-Time Prices

Finishing Date	Finishing \$/Unit	Corn Date	Corn \$/Unit	SOBM Date	SOBM \$/Unit
01/02/2011	51.26	01/02/2011	3.83	01/02/2011	284.32
01/09/2011	51.26				
01/16/2011	51.26				
01/23/2011	51.26				
01/30/2011	51.26				
02/06/2011	53.14				
02/13/2011	53.14				

The screenshot displays the SF Planning software interface. It features several overlapping windows:

- 5 Real-Time Prices** (top): A table showing finishing and corn prices for various dates in 2011.
- 5 Real-Time Prices** (middle right): A similar table with updated prices, showing a corn price of 4.26 for 01/02/2011.
- SOBM Conversion** (bottom left): A dialog box titled "SOBM Conversion" with fields for "Starting Date" (02/03/11), "Conversion Factor" (0.75), "Live Pkg Bsn" (BAYLAND INDUSTRIES (08)), "Corn Bsn" (BAY VALLEY COOPERATIVE (01)), and "Supplier Method" (BAY VALLEY COOPERATIVE (02)).
- Main Data Grid** (background): A large spreadsheet showing a list of dates from 01/02/2011 to 11/06/2011 with corresponding prices.
- SOBM Conversion Table** (bottom right): A table showing the conversion of SOBM prices to live prices, with columns for SOBM Date, SOBM \$/Unit, and Live Price \$/Unit.

## Monthly animal purchases/sales recapped by month, then linked to cash flow

	Jan.	Feb.	Mar.	Apr.	May	June
Inventory						
Number	11,205	11,427	14,710	18,233	17,168	15,872
Average Weight	196.44	88.17	66.08	86.78	131.23	158.91
Value per Cwt	12.28	33.95	27.37	22.22	23.74	24.18
Moved in						
Number	1,480	0	1,480	0	1,480	0
Average Weight	60.00	0.00	60.00	0.00	60.00	0.00
Value per Cwt	22.70	0.00	0.00	0.00	22.70	0.00
Purchased						
Number	6,300	7,200	3,900	0	1,500	0
Average Weight	12.00	12.00	12.00	0.00	12.00	0.00
Value per Cwt	266.92	289.42	276.72	0.00	266.67	0.00
Death Loss						
Number	242	260	145	0	62	0
Average Weight	20.33	15.08	31.31	0.00	44.52	0.00
Moved out						
Number	1,480	0	1,480	0	1,480	0
Average Weight	65.50	0.00	65.50	0.00	65.50	0.00
Value per Cwt	0.00	0.00	0.00	0.00	0.00	0.00
Sold						
Number	5,836	3,657	232	1,065	2,734	4,247
Average Weight	270.09	270.07	270.10	270.00	270.08	270.07
Value per Cwt	50.00	50.00	50.00	54.59	55.00	60.00
Total Value	788,124.90	493,825.50	31,331.60	156,986.10	406,120.94	688,199.94

Accounts	January 2010	February 2010	March 2010	April 2010	May 2010	June 2010
310 Hog Sales	788,125.00	493,825.55	31,331.60	156,986.10	406,120.98	688,200.01
311 Carcass Premium	33,624.00	37,719.00	23,400.00	17,631.00	37,485.00	36,315.00
318 Sort Loss	-5,604.00	-6,286.50	-2,866.50	-3,900.00	-2,938.50	-6,247.50

## Ingredient Calculations

- Computes feed ingredient requirements by month
- Can establish ingredient price by month

Line	Date	Type	Account	Division	Center	Ingredient	Quantity	Unit Price	Amount
40	10/1/2010	P	541	5	50	7	53,504.15	\$0.3501	18,726.45
41	11/1/2010	P	541	5	50	7	48,838.14	\$0.3501	17,085.85
42	12/1/2010	P	541	5	50	7	43,685.41	\$0.3501	15,282.89
43	1/1/2010	P	541	5	50	8	1,145.00	\$0.1450	\$45,686.15
424	02/01/2010	P	541	5	50	8	261,528.07	\$0.1450	\$37,921.57
425	03/01/2010	P	541	5	50	8	243,230.31	\$0.1450	\$35,152.99
426	04/01/2010	P	541	5	50	8	332,347.53	\$0.1450	\$56,890.89
427	05/01/2010	P	541	5	50	8	335,582.28	\$0.1450	\$48,653.43
428	06/01/2010	P	541	5	50	8	363,495.29	\$0.1450	\$44,388.95
429	07/01/2010	P	541	5	50	8	363,495.29	\$0.1450	\$52,698.12
430	08/01/2010	P	541	5	50	8	259,504.88	\$0.1450	\$37,628.21
431	09/01/2010	P	541	5	50	8	266,150.45	\$0.1450	\$38,591.82
432	10/01/2010	P	541	5	50	8	376,875.61	\$0.1450	\$54,646.96
433	11/01/2010	P	541	5	50	8	340,131.48	\$0.1450	\$45,319.06
434	12/01/2010	P	541	5	50	8	291,281.81	\$0.1450	\$42,235.86
435	01/01/2010	P	541	5	50	16	424.70	\$1.7501	743.22
56	2/1/2010	P	541	5	50	16	275.28	\$1.7501	481.74

- Links to cash flow

Accounts	January 2010	February 2010	March 2010	April 2010	May 2010	June 2010
541 Feed Buy & Dispense	158,894.38	137,616.40	127,464.16	165,760.62	152,057.03	122,784.57

## Could also link market prices to:

- \* Fertilizer
- \* Fuel

## Single-Entry Financial Statements

- Periodic Inventory Register for any date
- Market-value adjustments
- Works with crops and livestock

(NW809) Change Inventory Item (Type = Crops and Feed)

Description: 08 Corn

Price/Cwt:  Date acquired: 10/01/2008

Asset account: 120 Crop/Feed On Hand Cost or basis: 0.00

Offset account: 292 Valuation Equity Accumulated Depr.: 0.00

Center: 0 GENERAL FARM Service Life: 0.00

Division: 0 GENERAL FARM Salvage Value: 0.00

Date	Quantity	Ave. Wt.	Price/Unit	Value	Market Price	Market Value
01/01/2009	8,283.00		4.00	33,132.00	4.00	33,132.00
06/30/2009	4,500.00		3.80	17,100.00	3.80	17,100.00
10/01/2008						

**Update from DTN**

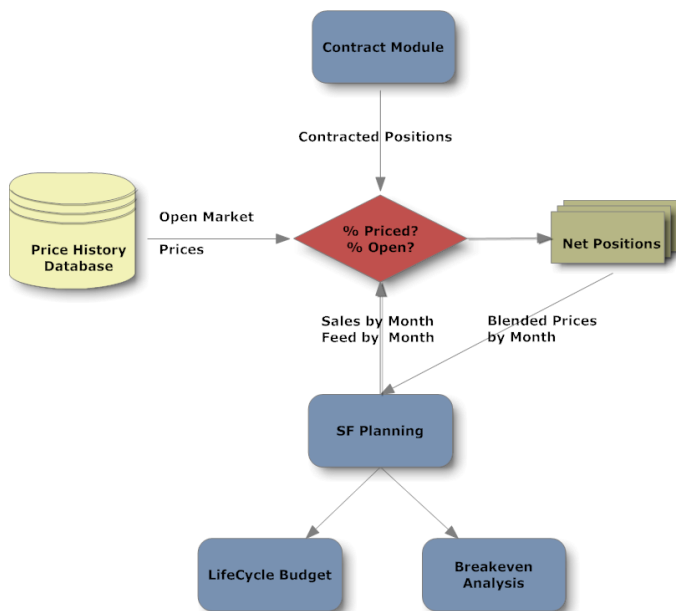
## Double-Entry Financial Statements

- Lower of Cost/Market by accounting period
- Works with crops and livestock

Market Price by Center				Market Price by Project				
Center	Date	Market	Cost	Inventory	Unit	Inv. @Market	Inv. @Cost	Difference
1 Corn Inventory	01/31/2010	3.50	3.35	78,298.32	BU	274,044.12	262,444.48	11,599.64
	02/28/2010	3.50	3.35	78,298.32	BU	274,044.12	262,444.48	11,599.64
	03/31/2010	3.50	3.35	78,298.32	BU	274,044.12	262,444.48	11,599.64
	04/30/2010	3.60	3.35	78,298.32	BU	281,873.94	262,444.48	19,429.46
	05/31/2010	3.70	3.35	78,298.32	BU	289,703.79	262,444.48	27,259.31
	06/30/2010	3.70	3.35	78,298.32	BU	289,703.79	262,444.48	27,259.31
	07/31/2010	3.80	3.35	78,298.32	BU	297,533.61	262,444.48	35,089.13
	08/31/2010	3.70	3.35	78,298.32	BU	289,703.79	262,444.48	27,259.31
	09/30/2010	3.60	3.35	78,298.32	BU	281,873.94	262,444.48	19,429.46
	10/31/2010	3.60	3.35	78,298.32	BU	281,873.94	262,444.48	19,429.46
	11/30/2010	3.60	3.35	78,298.32	BU	281,873.94	262,444.48	19,429.46
	12/31/2010	3.80	3.35	78,298.32	BU	297,533.61	262,444.48	35,089.13
2 Soybean Inventory	01/31/2010	9.40	4.90	15,026.32	BU	141,247.40	73,622.63	67,624.77
	02/28/2010	9.40	4.90	15,026.32	BU	141,247.40	73,622.63	67,624.77
	03/31/2010	9.40	4.90	15,026.32	BU	141,247.40	73,622.63	67,624.77
	04/30/2010	9.40	4.90	15,026.32	BU	141,247.40	73,622.63	67,624.77
	05/31/2010	9.40	4.90	15,026.32	BU	141,247.40	73,622.63	67,624.77
	06/30/2010	9.40	4.90	15,026.32	BU	141,247.40	73,622.63	67,624.77
	07/31/2010	9.40	4.90	15,026.32	BU	141,247.40	73,622.63	67,624.77
	08/31/2010	9.40	4.90	15,026.32	BU	141,247.40	73,622.63	67,624.77
	09/30/2010	9.40	4.90	15,026.32	BU	141,247.40	73,622.63	67,624.77
	10/31/2010	9.40	4.90	15,026.32	BU	141,247.40	73,622.63	67,624.77
	11/30/2010	9.40	4.90	15,026.32	BU	141,247.40	73,622.63	67,624.77
	12/31/2010	9.40	4.90	15,026.32	BU	141,247.40	73,622.63	67,624.77

**Update from DTN**

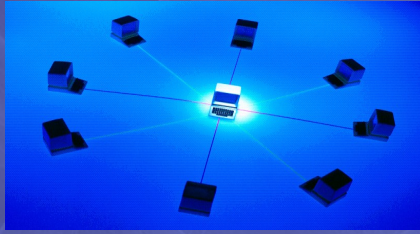
# Real-Time Sales and Feed Projections



## Risk Management Tools

- Projected/monitored cost analysis/"crush margin"
- Same assumptions used by LifeCycle Budget

	BUDGET VALUE	BUDGET PER CWT	BUDGET PER HEAD
<b>NET SALES</b>			
Market Hog Sales	3,829,869.45	51.87	140.10
Carcass Premium	230,056.00	3.12	8.42
Sort Loss	-41,004.00	-0.56	-1.50
Low Value Hogs	0.00	0.00	0.00
No Value Hogs	0.00	0.00	0.00
Freight & Trucking	-68,340.00	-0.93	-2.50
Marketing Expense	-27,336.00	-0.37	-1.00
<b>Total NET SALES</b>	<b>3,923,245.45</b>	<b>53.14</b>	<b>143.52</b>
<b>DIRECT PRODUCTION EX</b>			
Purchased Pigs	977,942.98	282.97	33.96
Feed	1,928,610.09	26.12	70.55
GMD	96,629.91	1.31	3.53
Feed Adjustment	19,216.48	0.26	0.70
Drug Adjustment	79,750.81	1.08	2.92
<b>Total DIRECT PRODUCTION EX</b>	<b>3,102,150.27</b>	<b>42.01</b>	<b>113.48</b>
<b>DIRECT PROFIT</b>			
	821,095.18	11.12	30.04
Facilities	593,280.59	8.04	21.70
Electricity	5,769.80	0.08	0.21
Propane	4,196.22	0.06	0.15
Finisher Supervision	48,535.90	0.66	1.78
Allocated Vet. Serv.	13,984.03	0.19	0.51
<b>PRODUCTION PROFIT</b>	<b>155,328.64</b>	<b>2.10</b>	<b>5.68</b>
<b>COST OF PRODUCTION</b>			
	3,767,916.81	51.03	137.84
<b>OPERATING PROFIT</b>			
	155,328.64	2.10	5.68



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- Regularly-scheduled, free webinars
- PORK\$HOP, June 7, 2011, Des Moines, Iowa
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