

Farm RVey™

Executive Dashboard



FBS User Conference

August 30, 2012

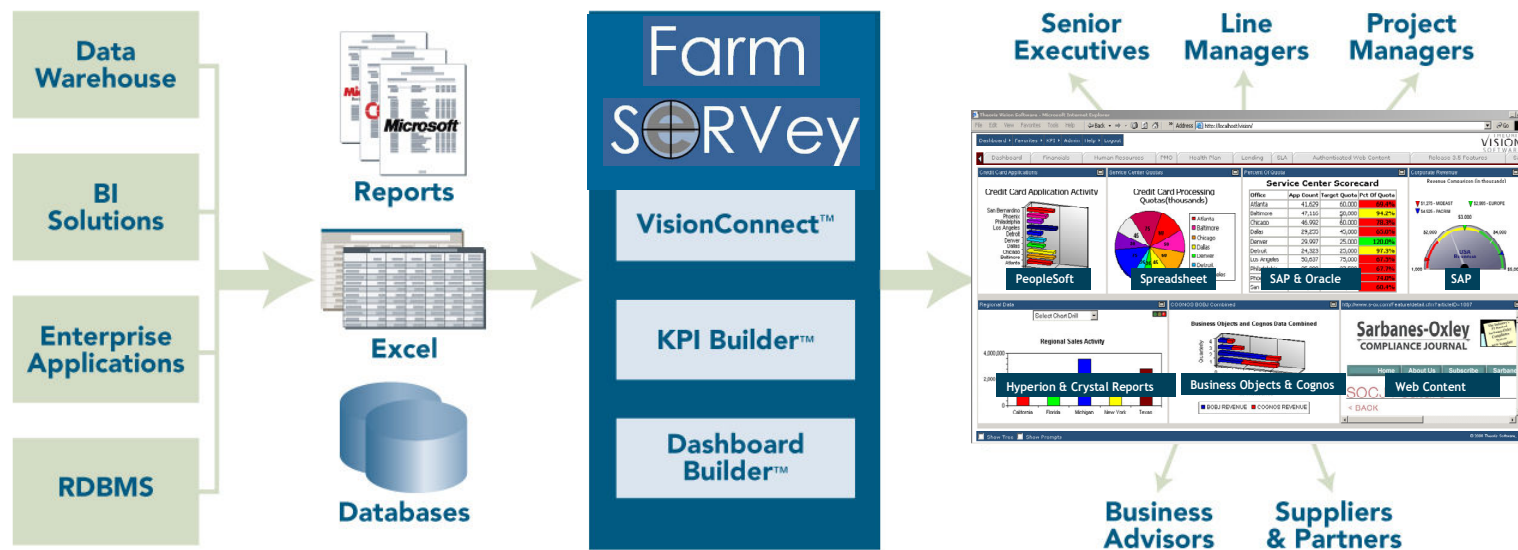
THEORIS
VISION
SOFTWARE™



Copyright © 2006 Theoris Software LLC. All rights reserved. Theoris and the Theoris logo are registered trademarks and Theoris Vision Software, the Theoris Vision Software logo, VisionConnect, KPI Builder, Dashboard Builder, Portal Integration and Vision Administrator are trademarks of Theoris, Inc. in the U.S.A. and/or other countries.

How Farm S_ORVey Works

Patent pending technology maintains a persistent connection to trusted data sources



“Strategies for enterprises aim for agility and resilience that, together, are essential for survival and success. 2006 is the year to make agility a reality – not just an aspiration.”

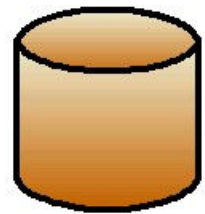
Gartner

How Farm SERvey Works

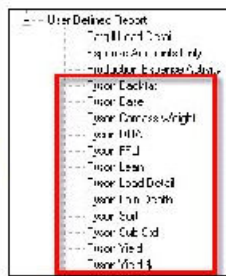
1. VisionConnect sources include:

- Excel
- Text PDF
- HTML
 - Websites
 - HTML reports
- ODBC Databases
 - Access
 - SQL
 - Oracle

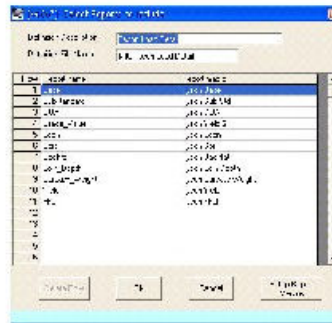
Importing from FBS Reports



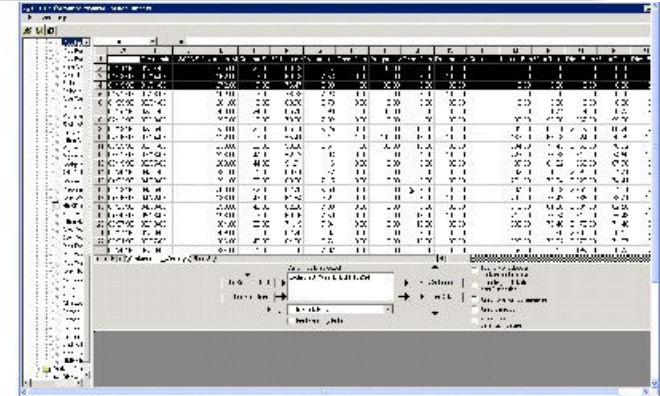
FBS Data Files



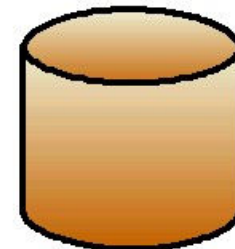
Report Macros



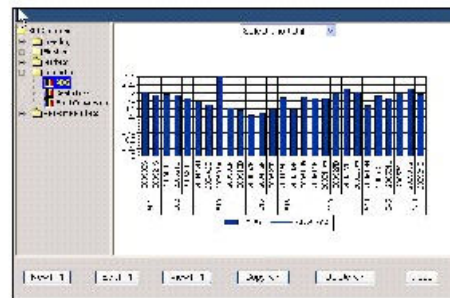
Batch Excel Reports



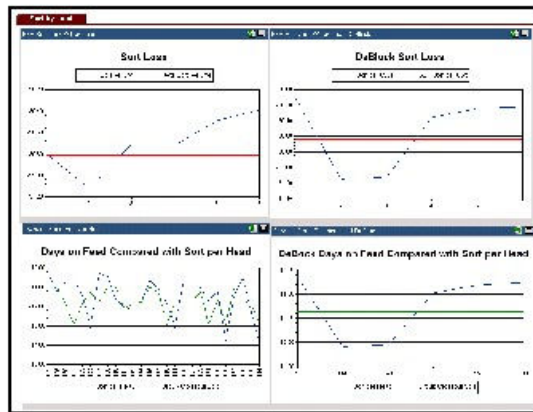
VisionConnect



SQL Server



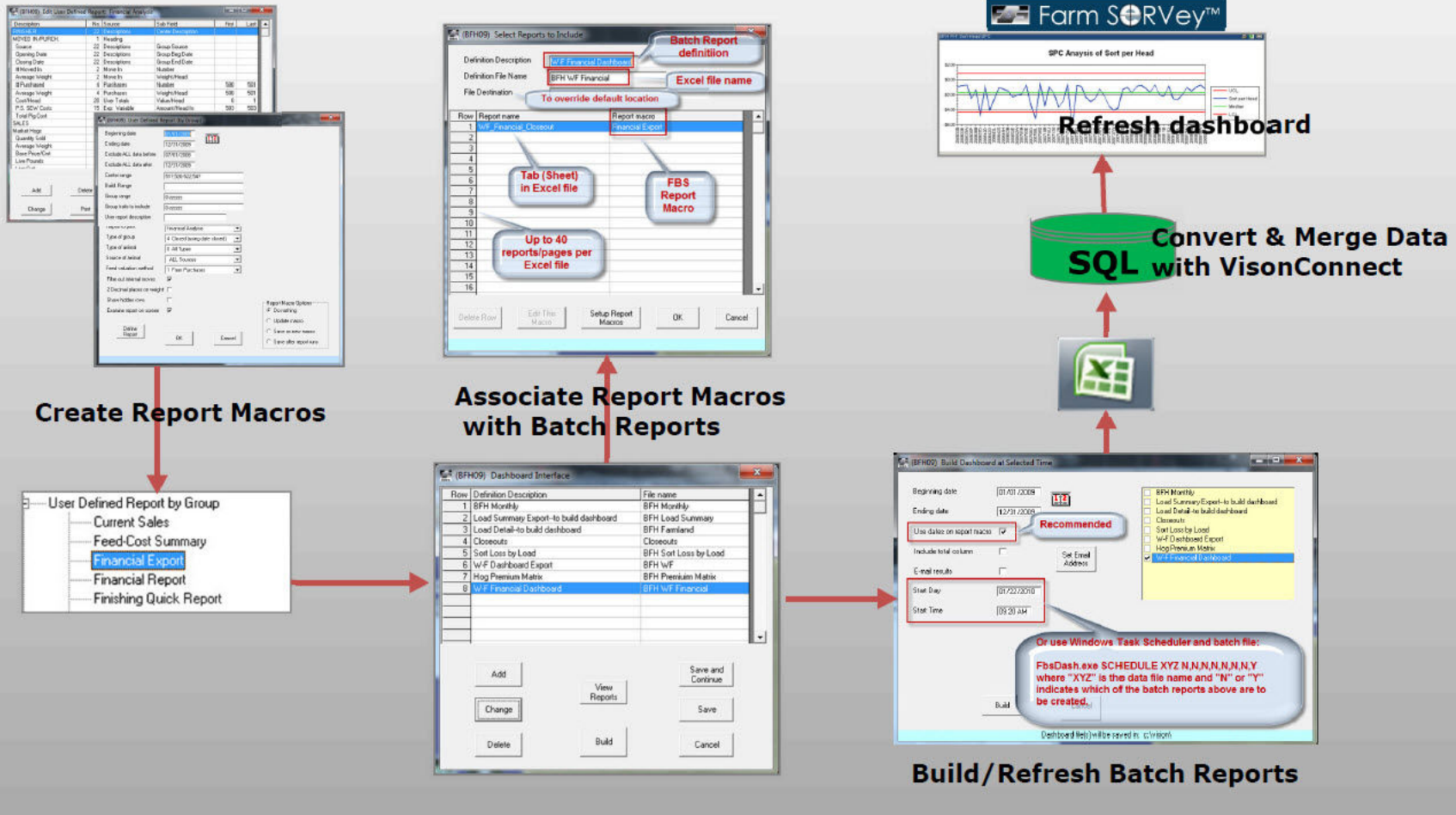
KPI Builder



Web Dashboard

How Farm SORVey Works

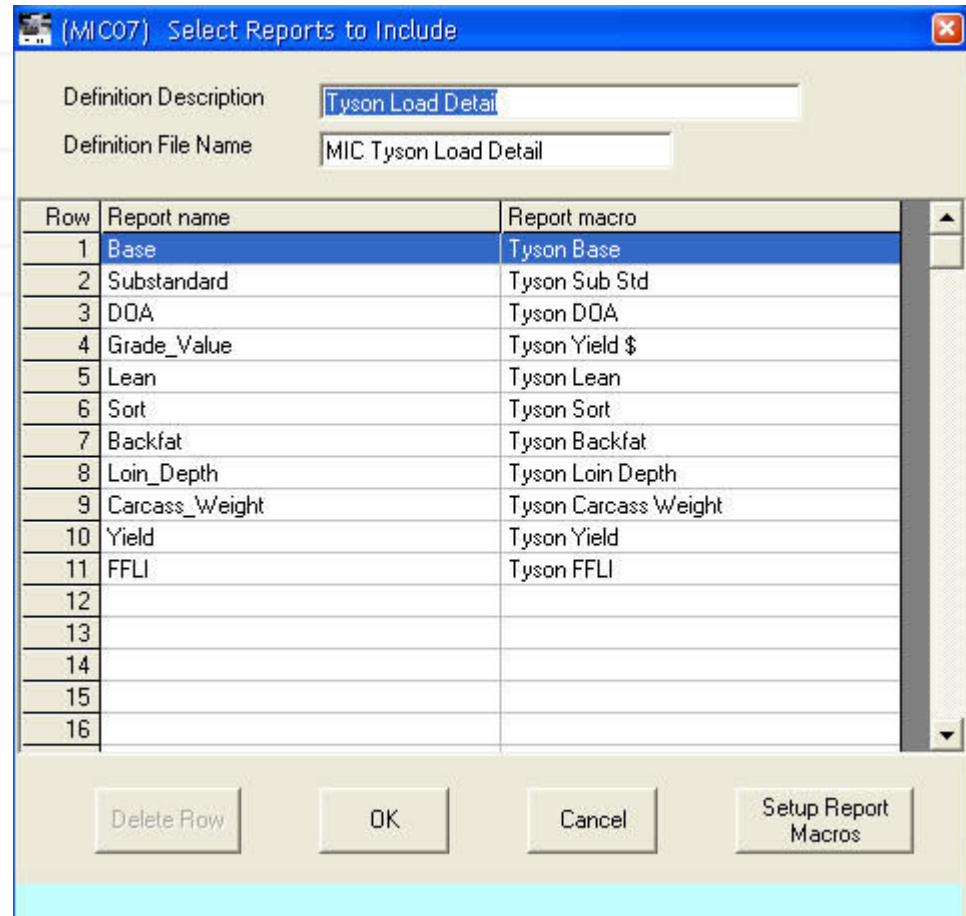
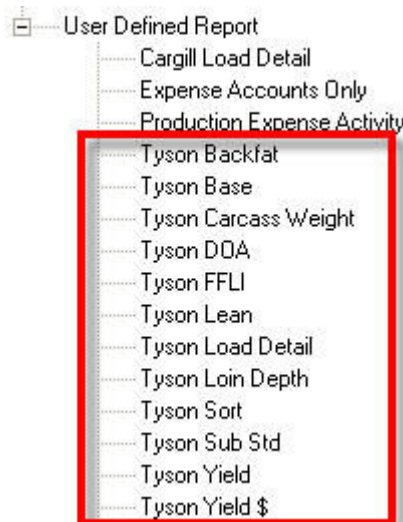
FBS Batch Reports



How Farm SERvey Works

1. FBS Batch Reports

- Built from report macros



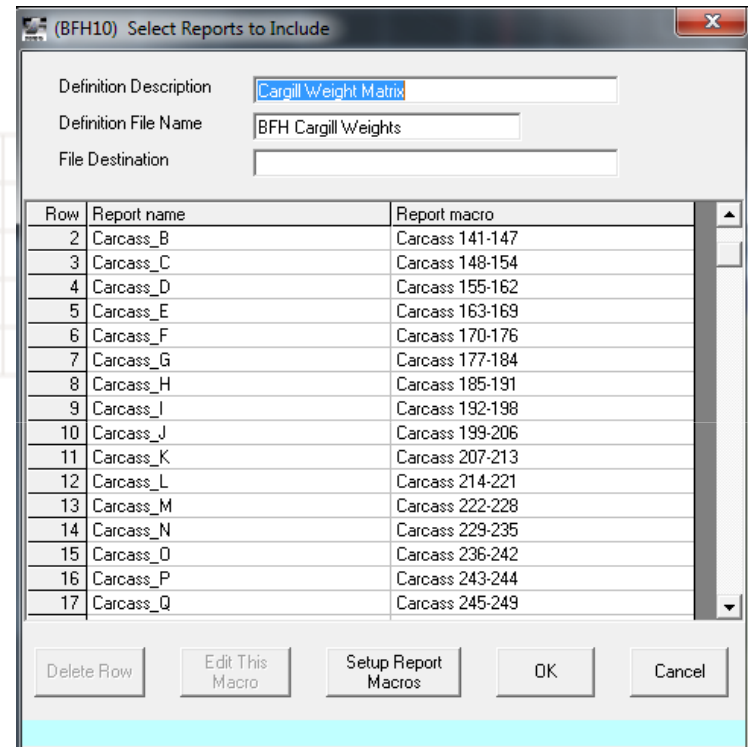
FBS Batch Reports Guidelines

1. Fix report macro columns in stone
 - Dates/centers/etc. can be modified
2. Label clearly
 - Vendor
 - Special character?
3. Prototype in master company
4. Copy from master company

.....	Carcass 1-140
.....	Carcass 141-147
.....	Carcass 148-154
.....	Carcass 155-162
.....	Carcass 163-169
.....	Carcass 170-176
.....	Carcass 177-184
.....	Carcass 185-191
.....	Carcass 192-198
.....	Carcass 199-206
.....	Carcass 207-213
.....	Carcass 214-221
.....	Carcass 222-228
.....	Carcass 229-235
.....	Carcass 236-242
.....	Carcass 243-244
.....	Carcass 245-249
.....	Carcass 250-256
.....	Carcass 257-263
.....	Carcass 264-999
.....	Cargill Base
.....	Cargill Matrix Index Factor
.....	Cargill Premium
.....	Cargill Sort

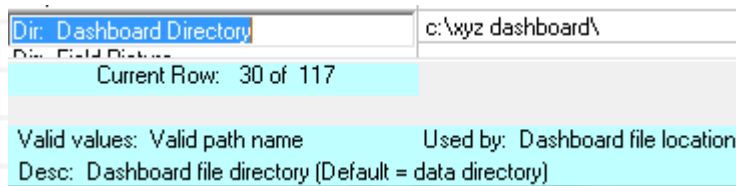
FBS Batch Reports Guidelines

1. Definition Description
 - Generic Report Name
2. Definition File Name
 - Include company prefix
3. Prototype in master company
4. Copy from master company



FBS Batch Reports Multi-file Guidelines

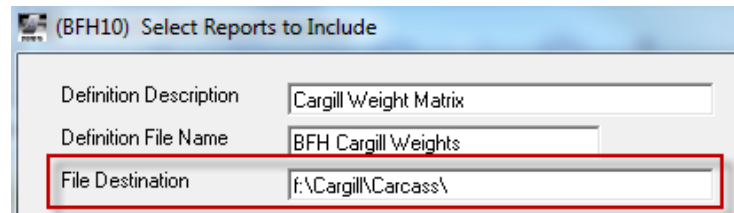
1. Separate report repository directories for each FBS company



Dir: Dashboard Directory c:\xyz dashboard\
Dir: Field Disk
Current Row: 30 of 117
Valid values: Valid path name Used by: Dashboard file location
Desc: Dashboard file directory (Default = data directory)

or...

2. Repository by report category (selected by report)



(BFH10) Select Reports to Include
Definition Description Cargill Weight Matrix
Definition File Name BFH Cargill Weights
File Destination F:\Cargill\Carcass\

And/or...

3. Label report files with company prefix dump in common directory

FBS Batch Reports—TA+ User Defined

Purpose: Extracts accounting detail from TransAction Plus database.

Examples: Load trends, carcass weight distributions

The screenshot displays a software window titled "(BFH10) Base" containing a data table with columns: Edit, Date, Number, Cen., Cen. Desc., Group/Proj., Amount, Quantity, Weight, Unit Price, Ave. Wt., Description, Vendor, and Acct. A "View Reports" dialog box is open in the foreground, showing "Report Definition" set to "Load Detail-to build dashboard" and "Report to View" set to "Base". A list of report types (Base, Premium, Sort, Yield, Lean, Backfat, FFLI) is visible. A red "Excluded" stamp is placed over the Vendor column in the background table.

Edit	Date	Number	Cen.	Cen. Desc.	Group/Proj.	Amount	Quantity	Weight	Unit Price	Ave. Wt.	Description	Vendor	Acct.
	08/09/2010	2093	547	Brandon Lafave	201010W	27,871.35	172.000	46,460.000	162.0427	270.12	LOAD 2	FARMLAND INDUSTRIES	310.00
	08/10/2010	2094	530	Richardson Fini	201012R	15,596.42	99.000	26,475.000	157.5396	267.42		FARMLAND INDUSTRIES	310.00
	08/10/2010	2094	525	Home Finisher	201012W	12,300.41	76.000	20,880.000	161.8475	274.74		FARMLAND INDUSTRIES	310.00
	08/10/2010	2094	547	Brando					160.9173	273.16		FARMLAND INDUSTRIES	310.00
	08/10/2010	2094	547	Brando					160.8978	273.13	JOHNSON	FARMLAND INDUSTRIES	310.00
	08/11/2010	2096	522	Hofmar					167.0221	281.37		FARMLAND INDUSTRIES	310.00
	08/11/2010	2096	547	Brando					153.6862	258.91		FARMLAND INDUSTRIES	310.00
	08/11/2010	2096	547	Brando					158.7881	267.50	JOHNSON	FARMLAND INDUSTRIES	310.00

FBS Batch Reports—TA+ Income Statement

**Purpose:
Examples:**

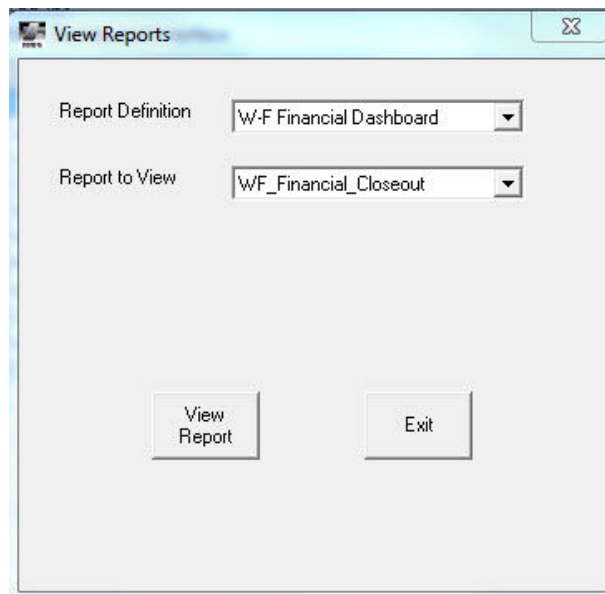
(BFH10) Monthly_Income_Statement			
	09/2010	08/2010	07/2010
Description	Period	Period	Period
INCOME			
Crop/Feed Sales	0.00	48,174.01	16,772.49
Hog Sales	94,390.67	837,487.02	373,740.99
Carcass Premium	6,283.63	51,461.14	22,265.02
Live Slaughter	0.00	32,109.54	913.47
Dead On Arrival	0.00	485.16	0.00
Sub Standard Hogs	863.60	5,030.21	443.10
Sort Loss	-850.18	-8,135.24	-2,823.71
Transfer Revenue	25,200.00	0.00	42,410.28
Cattle Sales	0.00	0.00	0.00
Product Hedge Inc.	0.00	-24,737.50	-2,000.00
Govern Paymnt-Cash	0.00	0.00	0.00
Patronage Dividend	39,086.98	0.00	0.00
Misc Farm Income	0.00	0.00	0.00
TOTAL INCOME	164,974.70	941,874.34	451,721.64
EXPENSES			
SEW Pigs	110,567.16	38,714.26	241,381.63
Inventory Adj.	-108,189.29	164,751.96	-197,160.51
Transfer Cost	25,200.00	0.00	42,410.28
Grain/Forage Purch	0.00	38,099.32	0.00
Feed Ing. Trucking	0.00	186.30	0.00
Feed Adjustment	-205,859.94	236,629.77	-91,019.72
Grain Bank Charges	1,800.00	1,445.14	2,635.88
Feed Ingredient Purc	130,900.00	0.00	34,500.00
Feed Buy & Dispense	168,721.14	124,080.45	149,440.92

	Description	INCOME	Crop/Feed Sales	Hog Sales	Carcass Premium	Transfer Revenue
09/2010	Period		0.00	94,390.67	6,283.63	25,200.00
08/2010	Period		48,174.01	837,487.02	51,461.14	0.00
07/2010	Period		16,772.49	373,740.99	22,265.02	42,410.28
06/2010	Period		14,236.70	888,655.86	56,060.93	0.00
05/2010	Period		0.00	429,728.08	28,367.75	0.00
04/2010	Period		72,400.00	377,949.39	20,091.66	0.00
03/2010	Period		0.00	219,289.13	13,375.33	0.00
02/2010	Period		0.00	551,343.89	39,396.55	0.00
01/2010	Period		0.00	496,841.94	35,151.69	0.00

FBS Batch Reports—SF User Defined

Purpose: Extracts totals by group/sales pull from Smart Feeder database.

Examples: SPC charts, trends by group or “sales pull”



	520	510	521	511
	200927E	200928B	200932M	200933B
FINISHER	DeBlock W-F	DeBlock W-F	Morby W-F	Older W-F New
MOVED IN/PURCH.				
Source	Cedarcrest	Cedarcrest	Wildcat	Cedarcrest
Opening Date	06/22/09	06/25/09	07/23/09	08/07/09
Closing Date	11/25/09	12/14/09	12/31/09	02/01/10
# Moved In	0.00	0.00	0.00	0.00
Average Weight				
# Purchased	2,399.00	2,389.00	2,400.00	1,796.00
Average Weight	12.00	12.00	14.00	12.00
Cost/Head	35.68	35.76	36.16	36.17
P.S. SEW Costs	0.00	0.00	0.00	0.00
Total Pig Cost	35.68	35.76	36.16	36.17
SALES				
Market Hogs				
Quantity Sold	2,306.00	2,304.00	2,328.00	1,514.00
Average Weight	266.00	265.00	275.00	268.00
Base Price/Cwt	41.18	41.85	46.68	49.92
Live Pounds	613,260.00	610,955.00	639,310.00	405,225.00
Live Cwt	6,132.60	6,109.55	6,393.10	4,052.25
Carcass Premium	14,460.87	15,490.09	20,755.42	13,639.09
Premium/CWT	2.36	2.54	3.25	3.37
Premium/Head	6.27	6.72	8.92	9.01
Sort Discount	-1,056.63	-3,855.04	-3,838.04	-2,684.43
Discount/Cwt	-0.17	-0.63	-0.60	-0.66
Discount/Head	-0.46	-1.67	-1.65	-1.77
Total Sales				
Quantity	2,353.00	2,338.00	2,364.00	1,738.00
Total Weight	623,510.00	618,440.00	647,510.00	461,745.00
Average Weight	265.00	265.00	274.00	266.00
Price/CWT	40.95	41.70	46.50	49.96
Price/Head	108.50	110.30	127.36	132.74
PRODUCTION SUMMARY				
Feed Conversion	2.23	2.35	2.36	2.55
ADG	1.84	1.74	1.86	1.65
Mortality %	1.92	2.13	1.50	3.23
NON FEED EXPENSES				
Direct Rent/Hd	0.74	1.63	0.00	0.49
Facilities/Head	17.16	15.69	19.54	16.25
Direct Rent/CWT	0.28	0.62	0.00	0.18
Facilities/Cwt.	6.48	5.93	7.14	6.11

FBS Batch Reports—SF Input History

Purpose: Extracts detail from Smart Feeder database

Example: Death loss days/feeding days

Record Type	Src Group Id	Date	Cen.	Cen. Desc.	Build.	Build. Desc.	Group	Number	Description	Quantity	Weight	Value	Unit Price	Total Died	Ave Wt.
Death loss	200619H	07/02/2006	540	Jim Holmes W-F	541	HOLMES B1	200619	24	H. BOWEL SYNDROME	1.00	102.51	102.51	102.52	1.00	60.0
Death loss	200611B	07/05/2006	510	Mark Lefler W-F Old	506	LEFLER 3	200611	10	UNKNOWN	2.00	82.05	164.10	82.05	2.00	150.0
Death loss	200619H	07/05/2006	540	Jim Holmes W-F	541	HOLMES B1	200619	10	UNKNOWN	1.00	84.69	84.69	84.69	2.00	75.0
Death loss	200626B	07/05/2006	510	Mark Lefler W-F Old	501	LEFLER 1	200626	19	POOR DOER / JUNK	6.00	309.76	1858.56	309.76	6.00	13.0
Death loss	200619H	07/07/2006	540	Jim Holmes W-F	541	HOLMES B1	200619	10	UNKNOWN	1.00	84.69	84.69	84.69	3.00	75.0
Death loss	200602E	07/08/2006	520	John DeBlock W-F	521	DeBlock	200602	17	ILLEITIS	2.00	43.77	87.54	43.77	2.00	260.0
Death loss	200619H	07/08/2006	540	Jim Holmes W-F	541	HOLMES B1	200619	24	H. BOWEL SYNDROME	2.00	102.51	205.02	84.76	5.00	75.0

Cumulative group deads

Tip: Temporarily activate UD1 and UD2 so you can drag those phantom columns out of the way when building report macro.

FBS Batch Reports—SF Feed Budget

Purpose: Extracts budget/actual feed by group/ration.

Example: PSM Closeout Feed Page.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1						Budget	Actual	Order	Delivery		Budget	Actual	Budget	Actual
2	Center	Group Id	Phase	Ration	Description	Amount	Amount	Date	Date	Pig Days	Feed/Hd	Feed/Hd	F/H/D	F/H/D
3	510	200933B	1	FSN2	FS START 1	2.24	4.50			7,630.00	2.50	5.03	2.50	1.18
4	510	200933B	2	FSN3	FS START II	13.43	5.94			11,190.00	15.00	6.63	1.88	1.06
5	510	200933B	3	FSN4	FS START III	13.43	43.84			27,956.00	15.00	49.93	1.88	3.14
6	510	200933B	4	FSN5	FS START IV	22.36	128.29			54,467.00	25.00	161.78	2.08	4.71
7	510	200933B	5	4D01	F1 DDG 50/80	48.25	14.00			5,352.00	54.00	15.70	2.25	5.23
8	510	200933B	6	4D02	F2 DDG 80/120	77.52	32.94			19,396.00	87.00	36.91	3.48	3.40
9	510	200933B	7	4D03	F3 DDG 120/160	83.61	69.97			40,689.00	94.00	78.66	3.92	3.44
10	510	200933B	8	4D04	F4 DDG 160/200	97.08	83.99			38,711.00	110.00	96.66	4.58	4.34
11	510	200933B	9	4D05	F5 DDG 200/240	98.41	6.04			1,779.00	118.00	6.80	4.92	6.80
12	510	200933B	10	4D06	F6 DDG 240/MKT	36.38	177.20			59,245.00	97.00	265.81	6.47	5.98

Directly from Excel Spreadsheet

Purpose: Extracts from 3rd-party data.

Example: Feed Budget export.

The screenshot shows the VisionConnect application window titled 'BFH W-F Growth Curves - VisionConnect'. The interface includes a menu bar (File, View, Help), a toolbar with icons for file operations, and a tree view on the left showing the data structure. The main area displays a data table with columns A through G. The table data is as follows:

	A	B	C	D	E	F	G
1	Center	Budget	Budget Sa	Budget Total	C SL	SL Days	SL Percent
2	520	RV W-F DDGS	270	172	1	-32	10
3	520	RV W-F DDGS	270	172	2	-28	17
4	520	RV W-F DDGS	270	172	3	-21	21
5	520	RV W-F DDGS	270	172	4	-14	26
6	520	RV W-F DDGS	270	172	5	-7	16
7	520	RV W-F DDGS	270	172	6	0	10
8	521	RV W-F DDGS	270	172	1	-32	10
9	521	RV W-F DDGS	270	172	2	-28	17
10	521	RV W-F DDGS	270	172	3	-21	21
11	521	RV W-F DDGS	270	172	4	-14	26

Directly from HTML

Purpose: Extracts from websites.
Example: Current Market Prices.

The screenshot shows a web application window titled "CME Lean Hog Futures - VisionConnect" with the URL "tsl.agcompass.com". The interface includes a navigation menu with options like "Tools", "Research", "Market", "Products", "Personalize", and "My Account". Below the menu, there's a section for "e-ADM Online Services" and "Futures". A dropdown menu for "Select Your Commodity" is visible. The main content area displays a table of market data for "Lean Hog" futures contracts.

Lean Hog	LAST	NTCHG	CLOSE	OPEN	HIGH	LOW
Dec 10	67.15	0.2	66.95	66.85	67.85	66.7
Feb 11	74.175	0.65	73.525	73.4	74.45	73.4
Apr 11	79.15	1.05	78.1	77.75	79.2	77.75
May 11	84.75	0.275	84.475	84.75	84.75	84.75
Jun 11	88	0.55	87.45	87.2	88.05	87.2

Below the table, there are controls for "Refresh Data" and several checkboxes for data processing options. At the bottom, there's a detailed data table with columns for "Hog Actual Month", "Last LH", "Change", "Close", "Open", "High", "Low", and "Live Price".

Hog Actual Month	Last LH	Change	Close	Open	High	Low	Live Price
Dec 10	67.15	0.2	66.95	66.85	67.85	66.7	49.691
Feb 11	74.175	0.65	73.525	73.4	74.45	73.4	54.8895
Apr 11	79.15	1.05	78.1	77.75	79.2	77.75	58.571
May 11	84.75	0.275	84.475	84.75	84.75	84.75	62.715
Jun 11	88	0.55	87.45	87.2	88.05	87.2	65.12
Jul 11	87.7	0.325	87.375	87.05	87.7	87.05	64.898

Directly from ADO Data Source

Purpose: Extracts from database.
Example: Smart Feeder Planning.

The screenshot shows the VisionConnect interface for 'BFH SF 11 Planning'. The left pane displays a tree view of columns and derived columns. The main window shows a query window with a table of results.

Scenario	EntAltid	SubRecord	MonthDay	InvNumber	InvAveWt	InvUnitPrice	MoveInNumber	MoveInAveWt
3	36	1	102	0	32.35	0	0	12
3	36	2	109	0	44.71	52.67	0	12
3	36	3	116	0	50	52.67	0	12
3	36	4	123	0	63.56	52.67	0	12
3	36	5	130	0	20	52.67	0	12
3	36	6	206	0	20	52.67	0	12
3	36	7	213	0	14.38	52.67	0	12
3	36	8	220	0	18.75	52.67	0	12
3	36	9	227	0	20	52.67	0	12

Directly from ADO Data Source

Purpose: Extracts from database.

Example: DTN Market Prices.

The screenshot shows the VisionConnect interface for 'BFH DTN Futures'. The 'Query' window displays a SQL query: `SELECT * FROM Detail`. Below the query, a table of market prices is shown with columns: KeyField, Control, Type, ProdCode, ContDesc, OpenPrice, ClosePrice, HighPrice, and LowPrice.

KeyField	Control	Type	ProdCode	ContDesc	OpenPrice	ClosePrice	HighPrice	LowPrice
@C 100714	1	1	A	CORN July 2010	3.7500	3.7125	3.7650	3.7000
@S 100714	1	1	B	SOYBEANS July...	10.2475	10.3175	10.4300	10.1750
@C 100914	1	1	A	CORN Septembe...	4.0125	3.9600	4.0825	3.9525
@S 100813	1	1	B	SOYBEANS Aug...	10.5225	10.5400	10.6025	10.4650
LH 100614	1	1	F	LEAN HOGS Jun...	77.9500	77.9000	78.0000	77.8000
SM 100714	1	1	C	SOYBEAN MEAL...	313.5000	315.5000	319.0000	313.5000
SM 100813	1	1	C	SOYBEAN MEAL...	312.2000	312.2000	312.2000	312.2000
SM 100914	1	1	C	SOYBEAN MEAL...	302.0000	302.5000	302.5000	301.0000

How Farm SURVey Works

1. FBS Batch Reports

- Internal timer

The screenshot shows a Windows-style dialog box titled "[MIC07] Build Dashboard at Selected Time". The dialog contains several input fields and checkboxes for configuring a dashboard build. The fields are: Beginning date (01/01/2007), Ending date (12/31/2007), Use dates on report macro (unchecked), Include total column (unchecked), E-mail results (unchecked), Start Day (08/21/2007), and Start Time (10:41 AM). There is a "Set Email Address" button next to the E-mail results checkbox. On the right side, there is a list box with three items: "Weekly Performance Monitor" (checked), "Tyson Load Detail" (unchecked), and "MIC Group Closeout Information" (unchecked). At the bottom, there are "Build" and "Cancel" buttons. A status bar at the bottom of the dialog indicates "Dashboard file(s) will be saved in: c:\vision\".

How Farm SERvey Works

2. VisionConnect selecting range of columns

The screenshot shows the VisionConnect interface with a data table and a selection dialog box. The table has columns A through Q and rows 1 through 23. The dialog box is titled 'Current Cells Selected' and shows the selected range as 'Cedarcrest_Weekly!\$A\$1:\$DZ\$4'. It also includes a 'Range' dropdown set to 'Until Blank Row' and several checkboxes for selection options.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1		Description * SOWS *		Number M Repeat	Se % Mated	£ Wean to 1	Preg Chec	Pregnancy	Preg Chec	Pregnancy	Rrate	Litters Far	% of Total	Pigs Farro	% of Total	Pigs E	
2	01/01/06	01/07/06		225.00	23.00	68.89	8.17	1.00	100.00	3.00	100.00		0.00	0.00	0.00	0.00	
3	01/08/06	01/14/06		262.00	19.00	69.08	7.56	0.00	0.00	3.00	100.00		0.00	0.00	0.00	0.00	
4	01/15/06	01/21/06		272.00	19.00	76.47	6.93	1.00	100.00	8.00	100.00		0.00	0.00	0.00	0.00	
5	01/22/06	01/28/06		292.00	16.00	73.63	7.26	0.00	0.00	5.00	100.00		0.00	0.00	0.00	0.00	
6	01/29/06	02/04/06		281.00	18.00	63.70	8.78	0.00	0.00	8.00	100.00		0.00	0.00	0.00	0.00	
7	02/05/06	02/11/06		283.00	24.00	66.78	8.90	1.00	100.00	3.00	100.00		3.00	1.74	14.00	0.73	
8	02/12/06	02/18/06		297.00	13.00	73.06	7.92	0.00	0.00	1.00	100.00		89.00	52.98	1,067.00	55.98	
9	02/19/06	02/25/06		238.00	20.00	66.81	9.26	0.00	0.00	15.00	100.00		185.00	66.31	2,249.00	68.28	
10	02/26/06	03/04/06		222.00	23.00	55.41	10.11	1.00	100.00	13.00	100.00		183.00	68.28	2,224.00	70.69	
11	03/05/06	03/11/06		239.00	35.00	53.56	12.51	1.00	100.00	12.00	100.00		294.00	74.43	3,456.00	76.92	
12	03/12/06	03/18/06		328.00	47.00	52.13	11.06	0.00	0.00	1.00	100.00		226.00	73.38	2,510.00	74.50	
13	03/19/06	03/25/06		288.00	44.00	51.74	11.16	0.00	0.00	2.00	100.00		137.00	64.32	1,668.00	67.78	
14	03/26/06	04/01/06		294.00	35.00	63.61	8.72	0.00	0.00	1.00	100.00		182.00	71.37	2,298.00	74.71	
15	04/02/06	04/08/06		351.00	55.00	68.38	7.15	0.00	0.00	3.00	100.00		271.00	73.64	3,225.00	74.41	
16	04/09/06	04/15/06		360.00	62.00	62.78	9.53	0.00	0.00	7.00	100.00		237.00	71.39	2,961.00	74.01	
17	04/16/06	04/22/06		283.00	49.00	61.84	9.21	0.00	0.00	3.00	100.00		201.00	76.43	2,565.00	78.71	
18	04/23/06	04/29/06		298.00	46.00	62.08	7.90	0.00	0.00	6.00	100.00		216.00	81.20	2,631.00	82.50	
19	04/30/06	05/06/06		296.00	29.00	69.26	7.50	0.00	0.00	13.00	100.00		210.00	73.94	2,610.00	75.48	
20	05/07/06	05/13/06		364.00	36.00	71.15	7.34	0.00	0.00	10.00	100.00		205.00	73.48	2,475.00	74.48	
21	05/14/06	05/20/06		289.00	33.00	62.28	8.37	0.00	0.00	9.00	100.00		240.00	76.68	2,938.00	78.12	
22	05/21/06	05/27/06		306.00	40.00	64.38	7.74	0.00	0.00	12.00	100.00		226.00	73.62	2,878.00	74.87	
23	05/28/06	06/03/06		297.00	31.00	71.38	7.02	0.00	0.00	6.00	100.00		256.00	75.52	3,199.00	78.73	

How Farm Survey Works

The screenshot displays the 'BFH W-F Production Closeouts - VisionConnect' application window. The main area shows a data table with columns A through R. A dialog box titled 'User Defined Closeout Report rotated 90%' is open, showing a preview of a report with columns: Center, GroupID, In Date, Source, Close Date, Quantity Purchased, Weight per Head, Mortality Total, Mortality Percent, Mortality Avg. Wt., ADG, and Avg Days Feed. The dialog includes options for 'Get Selected Cells', 'Clear Selection', 'View Selection', and 'Refresh Data'. A red box on the left highlights the 'Columns' list, with an arrow pointing to the 'Convert to Dimensions' button. Another red box highlights the 'Hierarchies' list, with an arrow pointing to the 'User Restrictions' button.

Center	GroupID	In Date	Source	Close Date	Quantity Purchased	Weight per Head	Mortality Total	Mortality Percent	Mortality Avg. Wt.	ADG	Avg Days Feed
510	200636B	09/01/06	Cedarcrest	03/01/07	1,796.00	12.00	170.00	9.47	88.00	1.52	162.00
540	200645H	10/31/06	Cedarcrest	04/20/07	2,186.00	12.00	60.00	2.74	114.00	1.76	145.00
510	200701B	12/14/06	Cedarcrest	06/28/07	2,396.00	12.00	114.00	4.76	96.00	1.47	159.00
520	200703E	01/12/07	Cedarcrest	06/27/07	2,387.00	12.00	44.00	1.84	78.00	1.73	146.00
510	200710B	03/05/07	Cedarcrest	08/31/07	1,792.00	12.00	127.00	7.09	124.00	1.45	159.00
510	2007138	09/14/07	Cedarcrest	03/25/08	1,800.00	12.00	90.00	5.00	101.00	1.58	153.00
540	200719H	05/03/07	Cedarcrest	10/26/07	2,190.00	12.00	105.00	4.79	109.00	1.71	161.00
510	200727B	07/02/07	Cedarcrest	01/16/08	2,388.00	12.00	230.00	9.63	126.00	1.49	167.00
520	200729E	07/09/07	Cedarcrest	12/28/07	2,380.00	12.00	125.00	8.74	113.00	1.67	154.00
547	200734W	08/03/07	Wildcat	01/25/08	2,395.00	12.00	113.00	4.01	113.00	1.70	150.00
540	200748H	11/20/07	Cedarcrest	05/03/08	2,200.00	12.00	88.00	6.86	88.00	1.69	148.00
520	200802E	01/04/08	Cedarcrest	06/23/08	2,400.00	12.00	97.00	8.25	97.00	1.69	152.00
510	200805B	01/24/08	Cedarcrest	08/20/08	2,400.00	12.00	110.00	4.17	110.00	1.53	155.00
521	200806M	01/30/08	Wildcat	07/21/08	2,390.00	12.00	50.00	2.09	84.00	1.76	145.00
511	200810B	02/29/08	Cedarcrest	09/20/08	1,795.00	12.00	73.00	4.07	109.00	1.50	163.00
547	200812W	03/13/08	Wildcat	08/29/08	2,396.00	12.00	83.00	3.46	61.00	1.71	150.00
540	200820H	05/09/08	Cedarcrest	10/20/08	2,197.00	12.00	85.00	3.87	115.00	1.66	151.00
520	200827E	06/18/08	Cedarcrest	12/09/08	2,390.00	12.00	50.00	2.09	97.00	1.75	149.00
510	200828B	07/07/08	Cedarcrest	12/31/08	2,395.00	12.00	129.00	5.39	108.00	1.56	159.00
521	200832M	07/28/08	Wildcat	01/09/09	2,395.00	13.00	61.00	2.55	124.00	1.77	146.00
511	200835B	08/25/08	Cedarcrest	03/14/09	1,785.00	12.00	81.00	4.54	112.00	1.52	164.00

How Farm SERvey Works

BFH Cargill Base - VisionConnect ts1.agcompass.com

File View Help

BFH Cargill Base

- Columns
 - Date
 - Number
 - Vendor
 - Cen.
 - Cen. Desc.
 - Group/Proj.
 - Base Amount
 - Quantity
 - Weight
- Derived Columns
- Hierarchies
- User Restrictions

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Edit	Date	Number	Vendor	Cen.	Cen. Desc	Group/Proj	Amount	Quantity	Weight	Description	Unit Price	Ave. Wt.	Acct.	Acct Desc
1		11/11/2009	0512	CARGILL	510	Mark Lefle	200928	19,781.08	183.000	49,200.000	Base	108.0933	268.85	310.00	Hog Sales
2		11/14/2009	0298	CARGILL	510	Mark Lefle	200928	20,399.03	189.000	49,995.000	Hog sales	107.9314	264.52	310.00	Hog Sales
3		11/17/2009	0564	CARGILL	510	Mark Lefle	200928	17,680.75	170.000	44,145.000	Hog sales	104.0044	259.68	310.00	Hog Sales
4		11/18/2009	0079	CARGILL	510	Mark Lefle	200928	19,723.18	183.000	49,165.000	Hog sales	107.7769	268.66	310.00	Hog Sales
5		11/20/2009	0350	CARGILL	510	Mark Lefle	200928	9,913.39	91.000	25,235.000	Hog sales	108.9384	277.31	310.00	Hog Sales
6		11/27/2009	0368	CARGILL	510	Mark Lefle	200928	20,261.75	179.000	48,375.000	Hog sales	113.1941	270.25	310.00	Hog Sales
7		11/27/2009	0375	CARGILL	510	Mark Lefle	200928	20,175.23	180.000	48,865.000	Hog sales	112.0846	271.47	310.00	Hog Sales
8		11/28/2009	0493	CARGILL	510	Mark Lefle	200928	19,716.89	180.000	47,105.000	Hog sales	109.5383	267.49	310.00	Hog Sales
9		11/28/2009	0495	CARGILL	510	Mark Lefle	200928	18,551.59	173.000	44,855.000	Hog sales	107.2346	261.29	310.00	Hog Sales
10		11/30/2009	0085	CARGILL	510	Mark Lefle	200928	19,433.95	177.000	46,105.000	Base	109.7965	273.47	310.00	Hog Sales
11		12/12/2009	0333	CARGILL	510	Mark Lefle	200928	17,467.04	145.000	36,615.000	Hog sales	120.4621	281.69	310.00	Hog Sales
12		12/12/2009	0337	CARGILL	510	Mark Lefle	200928	15,022.84	121.000	31,645.000	Hog sales	124.1555	281.69	310.00	Hog Sales
13		12/18/2009	1942	CARGILL	511	Mark Lefle	200933	10,990.90	90.000	22,625.000	Base Price	122.1211	281.69	310.00	Hog Sales
14		12/29/2009	0192	CARGILL	511	Mark Lefle	200933	22,687.62	182.000	49,820.000	Hog sales	124.6573	281.69	310.00	Hog Sales
15		01/04/2010	0086	CARGILL	511	Mark Lefle	200933	23,321.71	180.000	49,045.000	Hog sales	129.5651	272.47	310.00	Hog Sales
16		01/06/2010	0340	CARGILL	511	Mark Lefle	200933	25,104.19	185.000	50,820.000	Hog sales	135.6983	274.70	310.00	Hog Sales
17		01/12/2010	0304	CARGILL	511	Mark Lefle	200933	24,441.26	175.000	47,905.000	Hog sales	139.6643	273.74	310.00	Hog Sales
18		01/15/2010	0129	CARGILL	511	Mark Lefle	200933	23,535.76	179.000	46,845.000	Hog sales	131.4847	261.70	310.00	Hog Sales
19		01/23/2010	0333	CARGILL	511	Mark Lefle	200933	22,833.94	156.000	43,085.000	Hog sales	146.3714	276.19	310.00	Hog Sales
20		01/23/2010	0344	CARGILL	511	Mark Lefle	200933	19,366.00	139.000	36,935.000	Hog sales	139.3237	265.72	310.00	Hog Sales
21		01/30/2010	1900	CARGILL	511	Mark Lefle	200933	21,338.68	159.000	40,685.000	Hog sales	134.2055	255.88	310.00	Hog Sales
22															

Current Cells Selected: Base!\$B\$1:\$J\$4

Get Selected Cells → View Selection

Clear Selection → Refresh Data

Report: Until Blank Row

Find Sheet by Index

Top row of selection contains column name

Indenting cell starts new dimension

Keep rows with 0 in macro

Keep blank columns

Allow blank dimension values

Change to dimensions

Determines fields in database

Irrelevant columns from report

Reads to the end of the report

Make sure to uncheck if field names changed

Report macros

How Farm SERvey Works

BFH Cargill Weight D - VisionConnect tsl.agcompass.com

File View Help

BFH Cargill Weight D

- Columns
 - Date
 - Number
 - Cen.
 - Cen. Desc.
 - Group/Proj.
 - Description
 - D Quantity
 - Weight
- Derived Columns
- Hierarchies
- User Restrictions

1	A	B	C	D	E	F	G	H	I	J
	Edit	Date	Number	Cen.	Cen. Desc	Group/Proj	Description	Quantity	Weight	Amount
2		11/11/2009	0512	510	Mark Lefle	200928	Sold (C.Wt. 155/162)	0.000	0.000	0.00
3		11/14/2009	0298	510	Mark Lefle	200928	Sold (C.Wt. 155/162)	0.000	0.000	0.00
4		11/17/2009	0564	510	Mark Lefle	200928	Sold (C.Wt. 155/162)	0.000	0.000	0.00
5		11/18/2009	0079	510	Mark Lefle	200928	Sold (C.Wt. 155/162)	0.000	0.000	0.00
6		11/20/2009	0350	510	Mark Lefle	200928	Sold (C.Wt. 155/162)	0.000	0.000	0.00
7		11/27/2009	0368	510	Mark Lefle	200928	Sold (C.Wt. 155/162)	0.000	0.000	0.00
8		11/27/2009	0375	510	Mark Lefle	200928	Sold (C.Wt. 155/162)	0.000	0.000	0.00
9		11/28/2009	0493	510	Mark Lefle	200928	Sold (C.Wt. 155/162)	5.000	793.000	0.00
10		11/28/2009	0495	510	Mark Lefle	200928	Sold (C.Wt. 155/162)	1.000	159.000	0.00
11		11/30/2009	0085	510	Mark Lefle	200928	Sold (C.Wt. 155/162)	0.000	0.000	0.00
12		12/12/2009	0333	510	Mark Lefle	200928	Sold (C.Wt. 155/162)	1.000	156.000	0.00
13		12/12/2009	0337	510	Mark Lefle	200928	Sold (C.Wt. 155/162)	2.000	317.000	0.00
14		12/18/2009	1942	511	Mark Lefle	200933	Sold (C.Wt. 155/162)	0.000	0.000	0.00
15		12/29/2009	0192	511	Mark Lefle	200933	Sold (C.Wt. 155/162)	0.000	0.000	0.00
16		01/04/2010	0086	511	Mark Lefle	200933	Sold (C.Wt. 155/162)	0.000	0.000	0.00
17		01/06/2010	0340	511	Mark Lefle	200933	Sold (C.Wt. 155/162)	1.000	160.000	0.00
18		01/12/2010	0304	511	Mark Lefle	200933	Sold (C.Wt. 155/162)	0.000	0.000	0.00
19		01/15/2010	0129	511	Mark Lefle	200933	Sold (C.Wt. 155/162)	0.000	0.000	0.00
20		01/23/2010	0333	511	Mark Lefle	200933	Sold (C.Wt. 155/162)	0.000	0.000	0.00
21		01/23/2010	0344	511	Mark Lefle	200933	Sold (C.Wt. 155/162)	0.000	0.000	0.00
22		01/30/2010	1900	511	Mark Lefle	200933	Sold (C.Wt. 155/162)	2.000	321.000	0.00

Current Cells Selected: Carcass_D:\$B\$1:\$I\$3

Get Selected Cells → View Selection

Clear Selection → Refresh Data

Range: Until Blank Row

Find Sheet by Index

Top row of selection contain column name

Indenting cell starts new Dir

Keep rows without measure

Keep blank cols

Allow blank dimension value

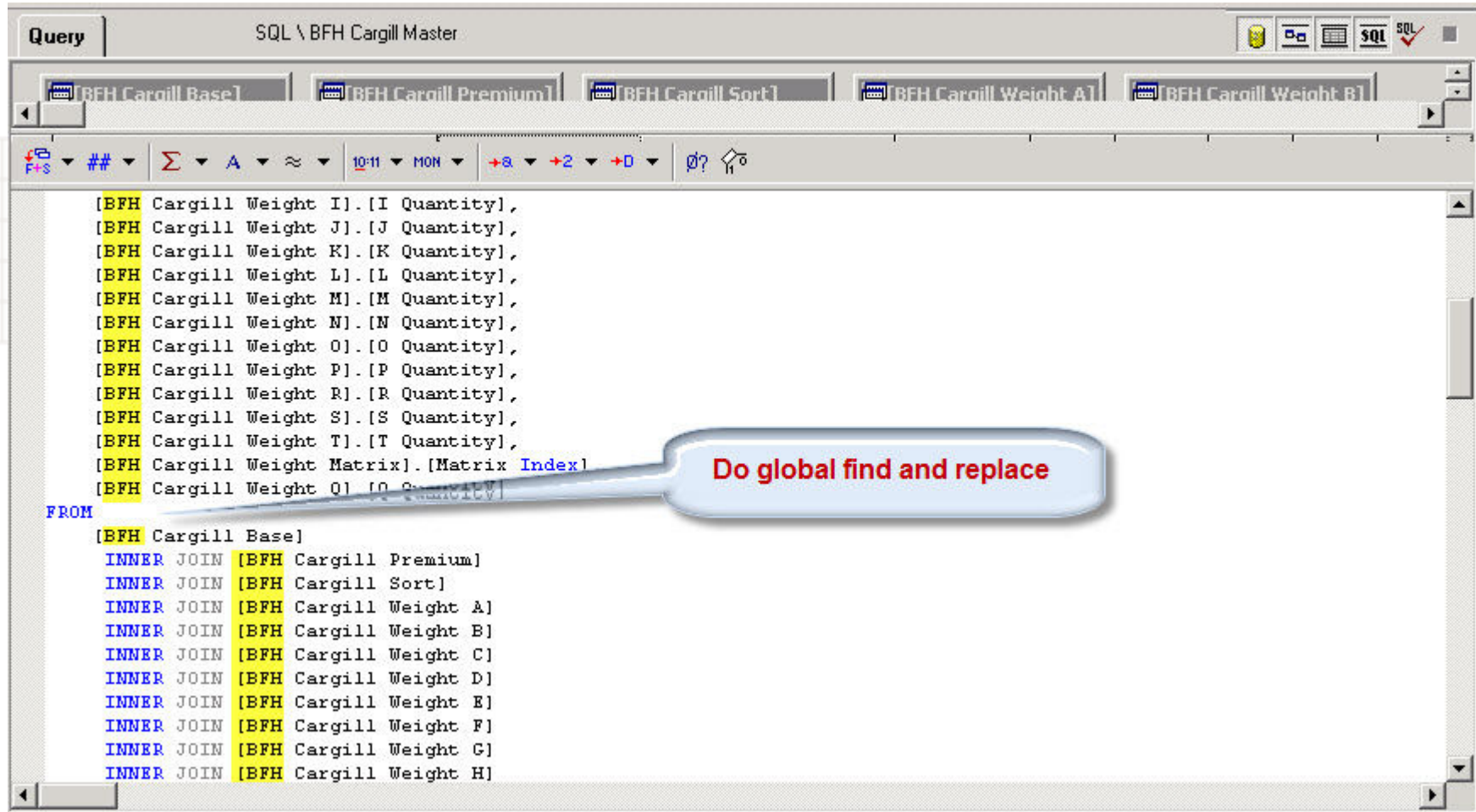
Date	Number	Cen.	Cen. Desc.	Group/Proj.	Description	D Quantity	Weight
11/11/2009	0512	510	Mark Lefler W-F Old	200928B	Sold (C.Wt. 155/162)	0	0
11/14/2009	0298	510	Mark Lefler W-F Old	200928B	Sold (C.Wt. 155/162)	0	0
11/17/2009	0564	510	Mark Lefler W-F Old	200928B	Sold (C.Wt. 155/162)	0	0
11/18/2009	0079	510	Mark Lefler W-F Old	200928B	Sold (C.Wt. 155/162)	0	0
11/20/2009	0350	510	Mark Lefler W-F Old	200928B	Sold (C.Wt. 155/162)	0	0
11/27/2009	0368	510	Mark Lefler W-F Old	200928B	Sold (C.Wt. 155/162)	0	0
11/27/2009	0375	510	Mark Lefler W-F Old	200928B	Sold (C.Wt. 155/162)	0	0
11/28/2009	0493	510	Mark Lefler W-F Old	200928B	Sold (C.Wt. 155/162)	5	793
11/28/2009	0495	510	Mark Lefler W-F Old	200928B	Sold (C.Wt. 155/162)	1	159

How Farm SERvey Works

The screenshot displays the VisionConnect software interface for a query named "BFH Cargill Master". The interface includes a menu bar (File, View, Help), a toolbar, and a central query editor. The query editor shows a grid of 15 query components, each with a list of fields to include (Date, Number, Vendor, Cen, Cen.Desc). Below the query editor is a table with columns: Column, Alias, Object, Object Alias, Output, Sort Type, Sort Order, Group By, and Criteria. The table contains two rows of data. At the bottom, there are buttons for "Refresh Data" and "Reset Query", and a "Pivot" section with "Reverse Pivot" and "Pivot Column" options. The bottom status bar shows "44 rows" and "3:28 PM".

Date	Number	Cen.	Cen. Desc.	Group/Proj.	Base Amount	Quantity	Weight	Premium Amount	Sort Amount	A Quantity	B Quantity	C Quantity	D Quantity	E Quantity
11/11/2009	0512	510	Mark Lefler W-F Old	2009288	19781.08	183	49200	641.32	-171.54	0	0	0	1	0
11/14/2009	0298	510	Mark Lefler W-F Old	2009288	20399.03	189	49995	1297.92	-114.19	0	0	0	0	0

How Farm SERvey Works



The screenshot shows a SQL query editor window titled "SQL \ BFH Cargill Master". The query text is as follows:

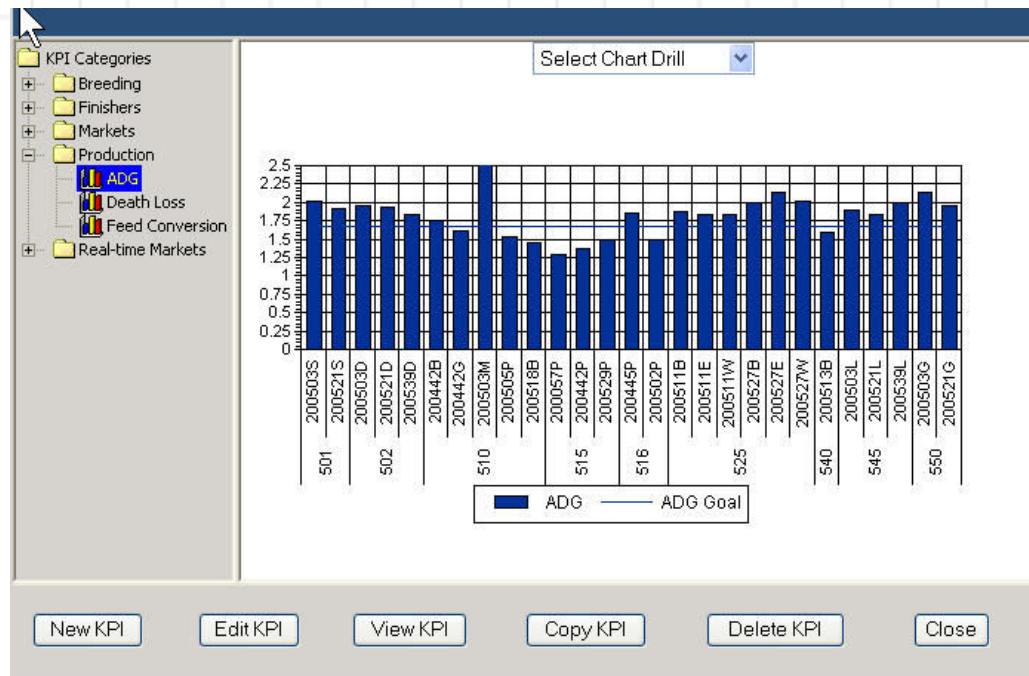
```
[BFH Cargill Weight I].[I Quantity],  
[BFH Cargill Weight J].[J Quantity],  
[BFH Cargill Weight K].[K Quantity],  
[BFH Cargill Weight L].[L Quantity],  
[BFH Cargill Weight M].[M Quantity],  
[BFH Cargill Weight N].[N Quantity],  
[BFH Cargill Weight O].[O Quantity],  
[BFH Cargill Weight P].[P Quantity],  
[BFH Cargill Weight R].[R Quantity],  
[BFH Cargill Weight S].[S Quantity],  
[BFH Cargill Weight T].[T Quantity],  
[BFH Cargill Weight Matrix].[Matrix Index]  
[BFH Cargill Weight Q].[Q Quantity]  
FROM  
[BFH Cargill Base]  
INNER JOIN [BFH Cargill Premium]  
INNER JOIN [BFH Cargill Sort]  
INNER JOIN [BFH Cargill Weight A]  
INNER JOIN [BFH Cargill Weight B]  
INNER JOIN [BFH Cargill Weight C]  
INNER JOIN [BFH Cargill Weight D]  
INNER JOIN [BFH Cargill Weight E]  
INNER JOIN [BFH Cargill Weight F]  
INNER JOIN [BFH Cargill Weight G]  
INNER JOIN [BFH Cargill Weight H]
```

A callout bubble with a blue border and a white background points to the word "Index" in the query. The bubble contains the text "Do global find and replace" in red.

How Farm SERvey Works

3. KPI Builder

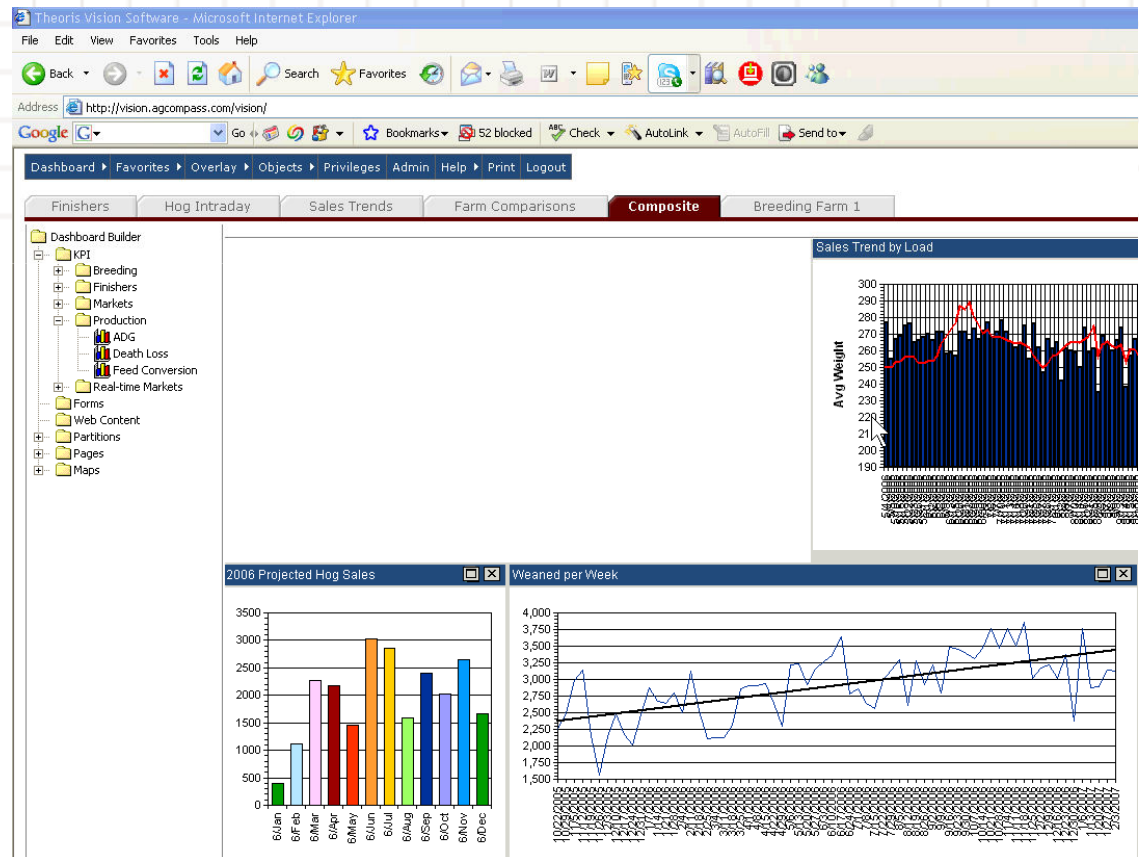
- Create predefined graphs and alerts
 - “Native”
 - Excel
 - Flash



How Farm S_ER_Vey Works

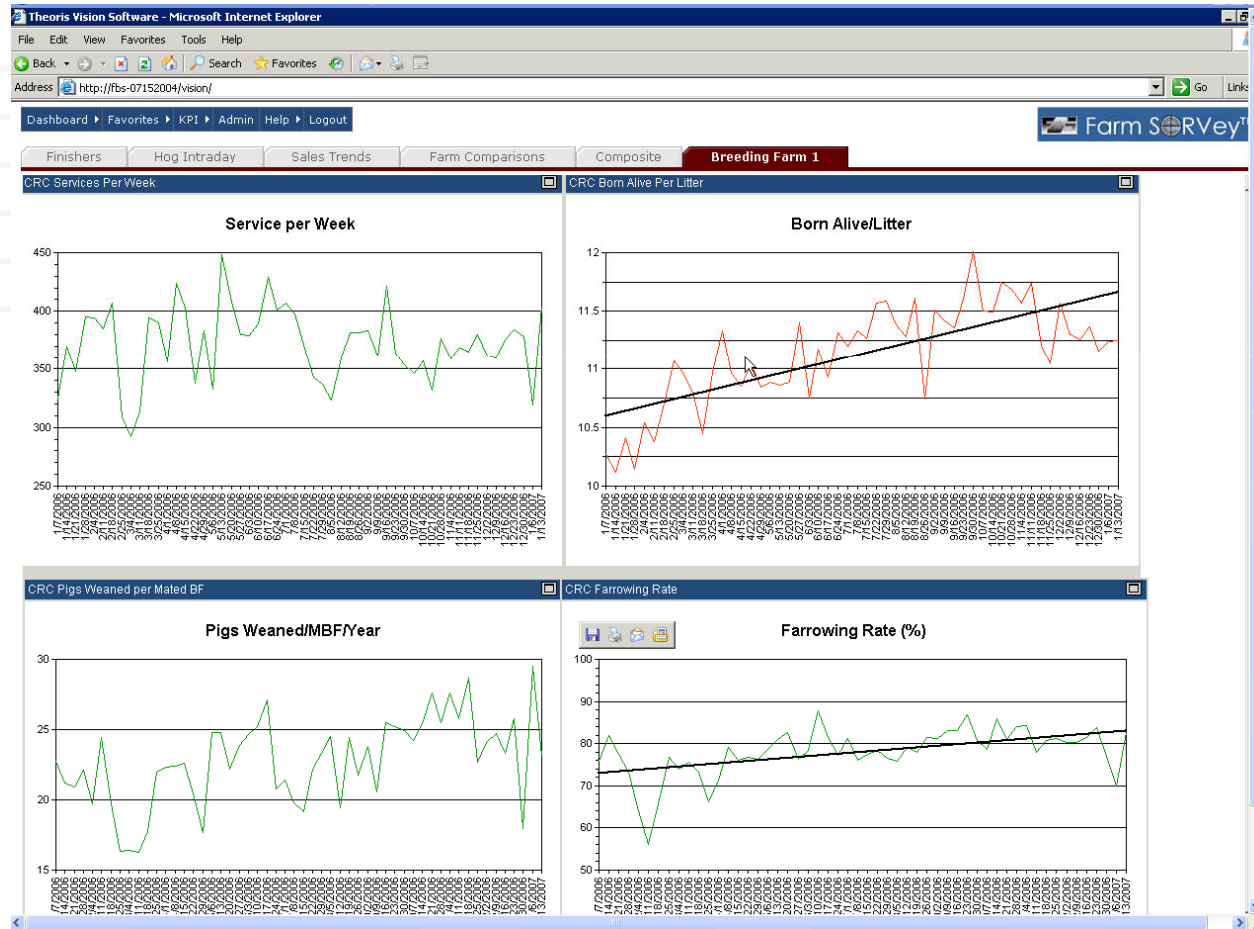
4. Dashboard

- Customize view by dragging and dropping KPIs



How Farm SORVey Works

5. Expand graphs from Dashboard



What Farm SERvey Can Do

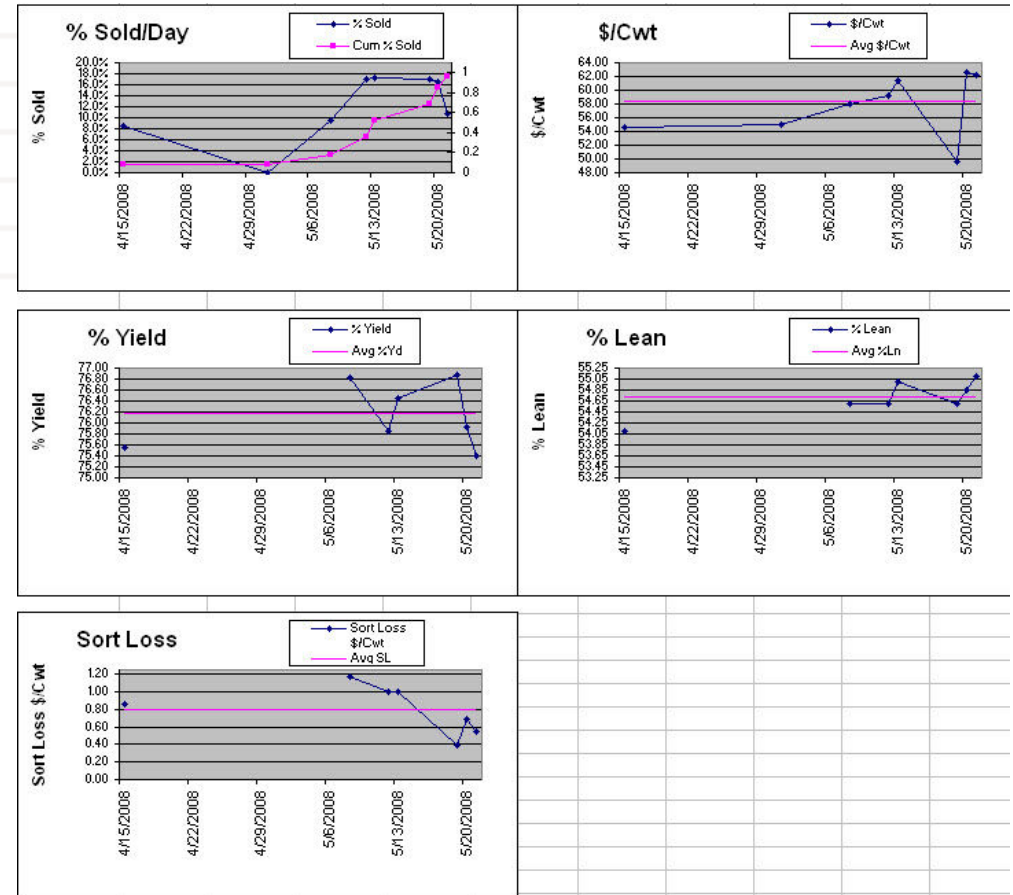
1. Automate FBS reports and graphs
2. Combine FBS data files
3. Combine data from multiple sources
4. Provide customized views and alerts
 - a. Tactical
 - b. Operational
 - c. Strategic

Farm SURVey Case Study Objectives

1. Emulate and automate CVS Excel “Closeout” reports and graphs
 - a. Plots sales parameters against date

b. Source data

- Load totals from TransAction Plus
- Hand entries in Excel
- Multiple additional calculations



Farm SURVey Case Study

2. Possibilities

a. Most calculations are already performed in SFUD reports

- “Header” lines summarize entire group
- “Sales Load” lines by pulls automate CVS Excel “Closeout” reports and graphs

(BFH08) Sales_Load_Export			
	510	510	547
	2007138	200727B	200734W
Load 1 Group	2,007,138.00	200727B	200734W
Quantity	93.00	186.00	160.00
Percent of Sales	5.44	8.62	6.96
Wt per Head	257.00	253.00	274.00
Days on Feed	130.00	132.00	135.00
Base	9,108.29	17,531.10	16,181.54
Base per Head	97.94	94.25	101.13
Base per CWT	38.11	37.25	36.86
Premium	799.78	1,277.80	1,641.31
Premium per Head	8.60	6.87	10.26
Premium per CWT	3.35	2.72	3.74
Sort	-71.70	-117.70	-496.07
Sort per Head	-0.77	-0.63	-3.10
Sort per CWT	-0.30	-0.25	-1.13
Revenue	9,836.37	18,691.20	17,326.78
Revenue per Head	105.77	100.49	108.29
Revenue per CWT	41.16	39.72	39.47
COS	7,988.63	20,537.17	20,108.05
Margin	1,847.74	-1,845.97	-2,781.27
Margin per Head	19.87	-9.92	-17.38
Margin per CWT	7.73	-3.92	-6.34
Yield	76.53	75.46	76.71
Lean	54.29	54.28	54.90
Backfat	0.82	0.82	0.81
FFLI	49.60	49.39	50.10

Farm SURVey Case Study

3. Challenges

- a. Convert “Sales Load” sections into common data fields with “Load Number” attribute
- b. Merge with group “Header” records “master” SQL dataset
- c. Develop meaningful reports and graphs

Farm SURVey Case Study

BFH Farmland Load 1 Summary

- Columns
 - Load1Group
 - Quantity
 - Percent of Sales
 - Wt per Head
 - Days on Feed
 - Base
 - Base per Head
 - Base per CWT
 - Premium
 - Premium per Head
 - Premium per CWT
 - Sort
 - Sort per Head
 - Sort per CWT
 - Revenue
 - Revenue per Head
 - Revenue per CWT
 - COS
 - Margin
 - Margin per Head
 - Margin per CWT
 - Yield
 - Lean
 - Backfat
 - FFLI
- Derived Columns
 - Load Number
 - COS per Head
 - COS per CWT
- Hierarchies
- User Restrictions

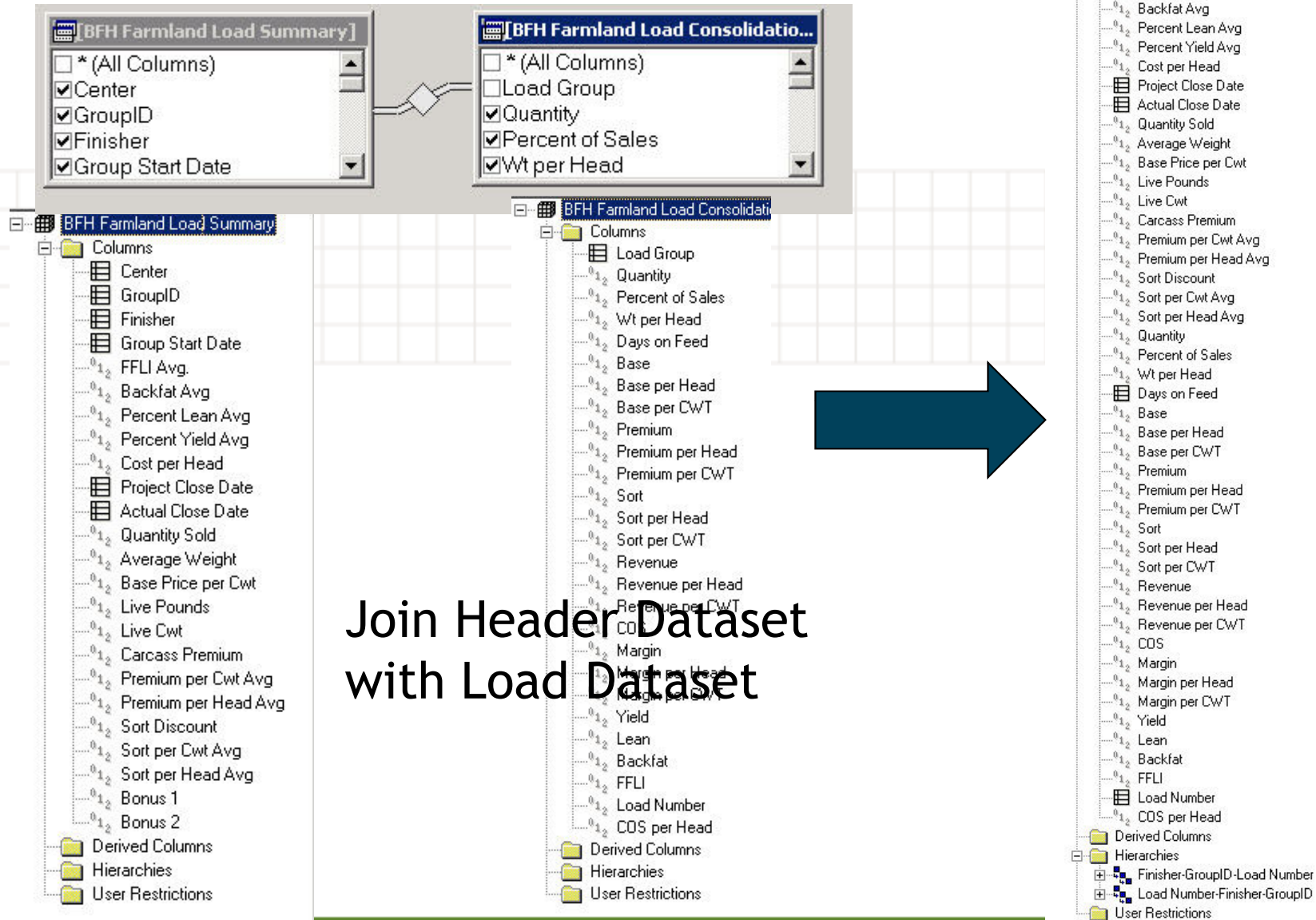
```

FROM
[BFH Farmland Load 2 Summary]
union all
SELECT
[Load 3 Group] as 'Load Group',
Quantity,
[Percent of Sales],
[Wt per Head],
[Days on Feed],
Base,
[Base per Head],
[Base per CWT],
Premium,
[Premium per Head],
[Premium per CWT],
Sort,
[Sort per Head],
[Sort per CWT],
Revenue,
[Revenue per Head],
[Revenue per CWT],
COS,
Margin,
[Margin per Head],
[Margin per CWT],
Yield,
Lean,
Backfat,
FFLI,
[Load Number],
[COS per Head]
    
```

Load Number	COS per Hea
1	126.69125
1	108.840375
1	0
2	85.79
2	116.99
2	126.68
2	214.39
2	144.45

Create Union of 6 Sales Load Datasets

Farm SURVey Case Study



Join Header Dataset
with Load Dataset

Farm SURVey Case Study KPIs

Caption	Data Source	Sort Type
<input type="checkbox"/> Load	Load Number	Ascending

Buttons: Add..., Edit..., Remove, Move Up, Move Down

Caption	Data Source
<input type="checkbox"/> Sort per CWT	Sort per CWT
<input type="checkbox"/> Avg. Sort per Cwt	Sort per Cwt Avg

Buttons: Add..., Edit..., Remove, Move Up, Move Down

Select Dataset and Dimensions and Captions

Chart Types

- Column Clustered
- Column Clustered 3D
- Column Stacked
- Column Stacked 3D
- Column Stacked 100%
- Column Stacked 100% 3D
- Bar Clustered
- Bar Clustered 3D
- Bar Stacked
- Bar Stacked 3D
- Bar Stacked 100%
- Bar Stacked 100% 3D
- Line**
- Line 3D

Advanced Chart Properties

Select Chart Type and parameters.

Farm S_OR_Vey Case Study KPIs

Filter Definition

Center = 520

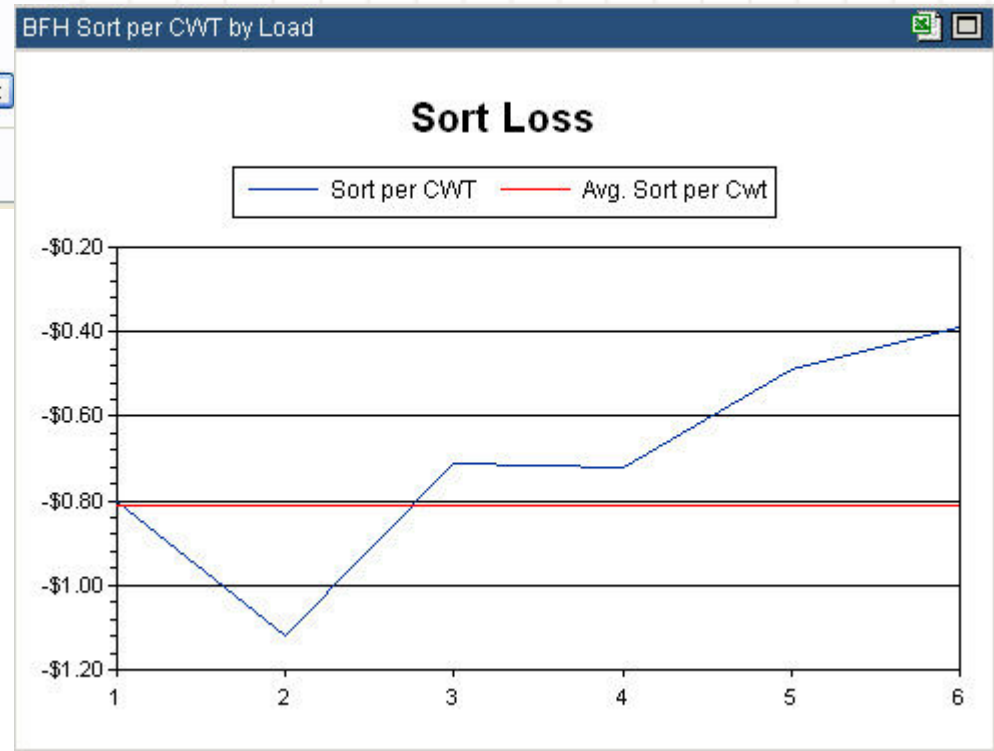
501
510
520
525
540
547

Select

OK Cancel

Filter, if required.

Alternative: By Date rather than Sales Load

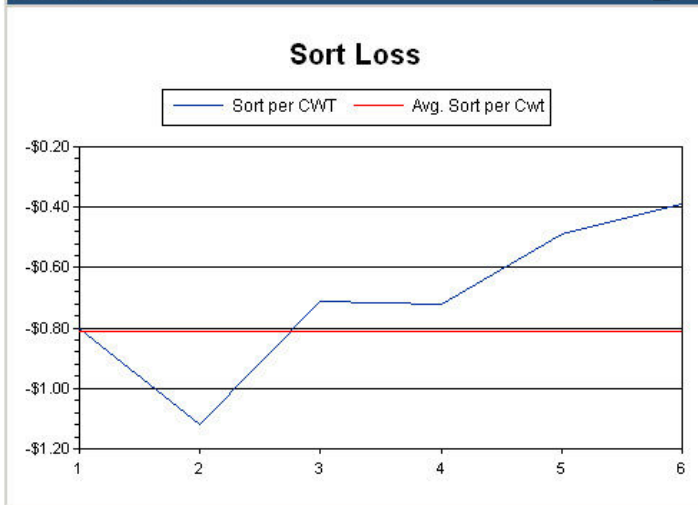


View KPI.

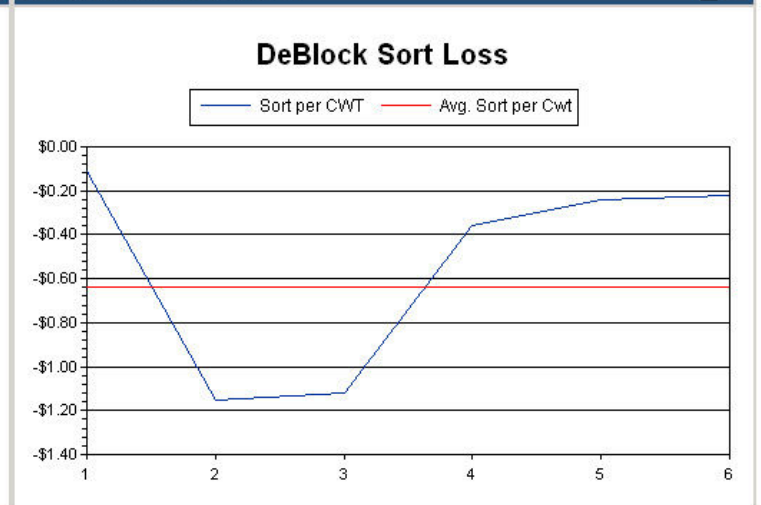
Farm S_ORVey Case Study Dashboard

Sort by Load

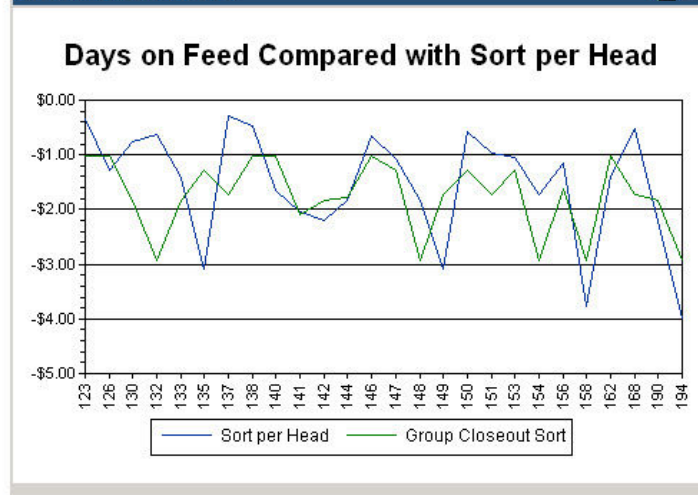
BFH Sort per CWT by Load



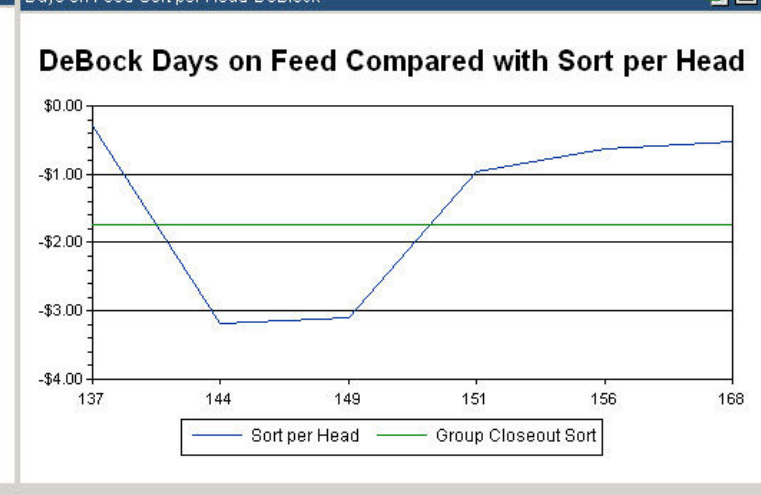
BFH Sort per CWT by Load DeBlock



Days on Feed-Sort per Head



Days on Feed-Sort per Head-DeBlock

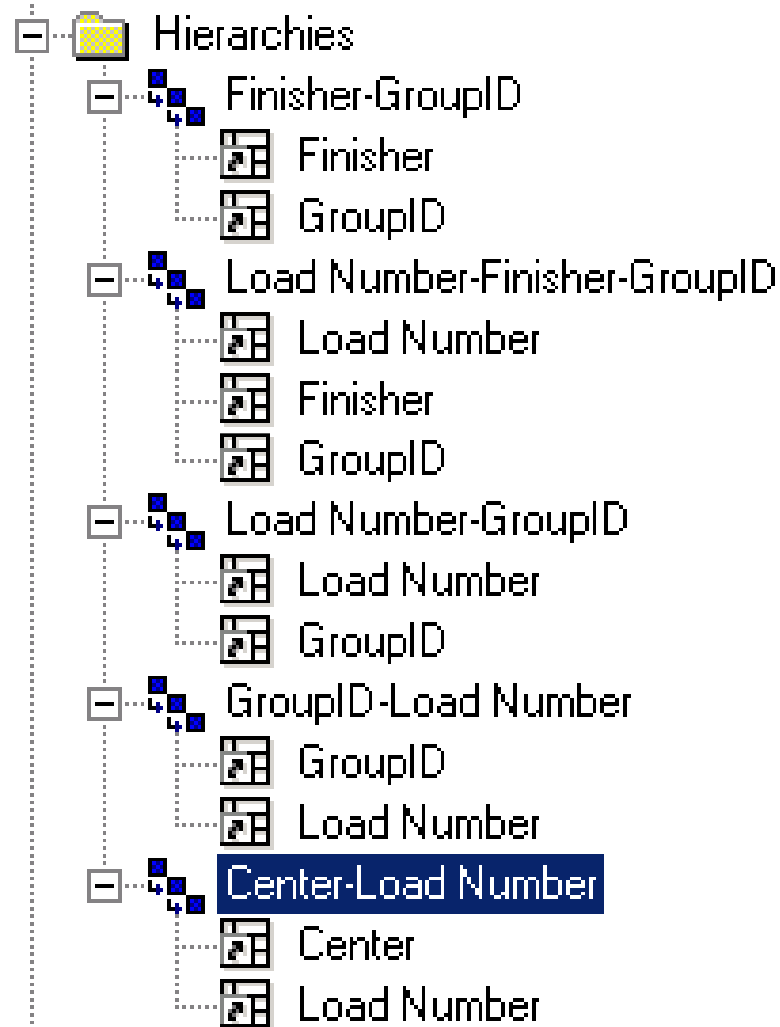


Client Settings

Excel download

1. Internet Explorer
2. Click on Tools - Internet Options on the browser.
3. Bring up the Security tab
4. Select custom Level for the internet settings.
5. Set Automatic prompting for file downloads to enable.
6. Set File Download also to enable.

Hierarchies



Batch Files for Vision Connect

```
cd E:\Program Files\Theoris Vision Software\VisionConnect  
VisionConnect -f"file name.vcr" -u"username" -p"password"
```

VCR file is text file with dataset names

Batch Files for FBS Batch Reports

Using with Windows Scheduler

FbsDash.exe Schedule WMF xxxxxxxxxxxxxx

WMF = File name

Parameter Xxxxxxxxxx

Type 1:

- One character for each report definition
- Value is Y for YES and N for NO

Batch Files for FBS Batch Reports

Type 2:

- Report definition description
- Limited to one report
- Upper/lower case doesn't matter, but spaces do

Batch Files for FBS Batch Reports

Type 2:

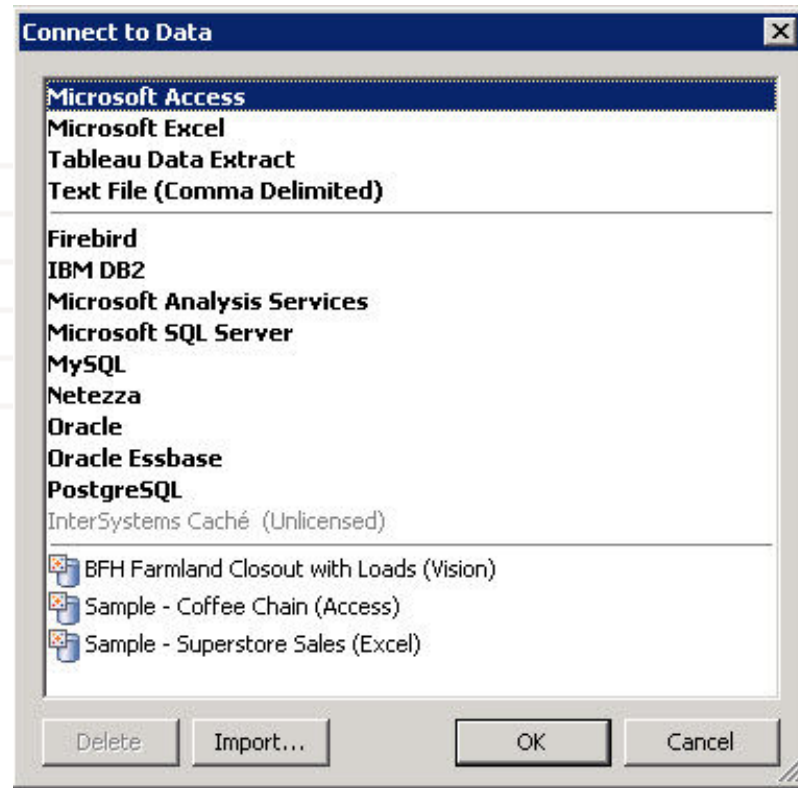
- Report definition description
- Limited to one report
- Upper/lower case doesn't matter, but spaces do

Batch Files for FBS Batch Reports

Future options:

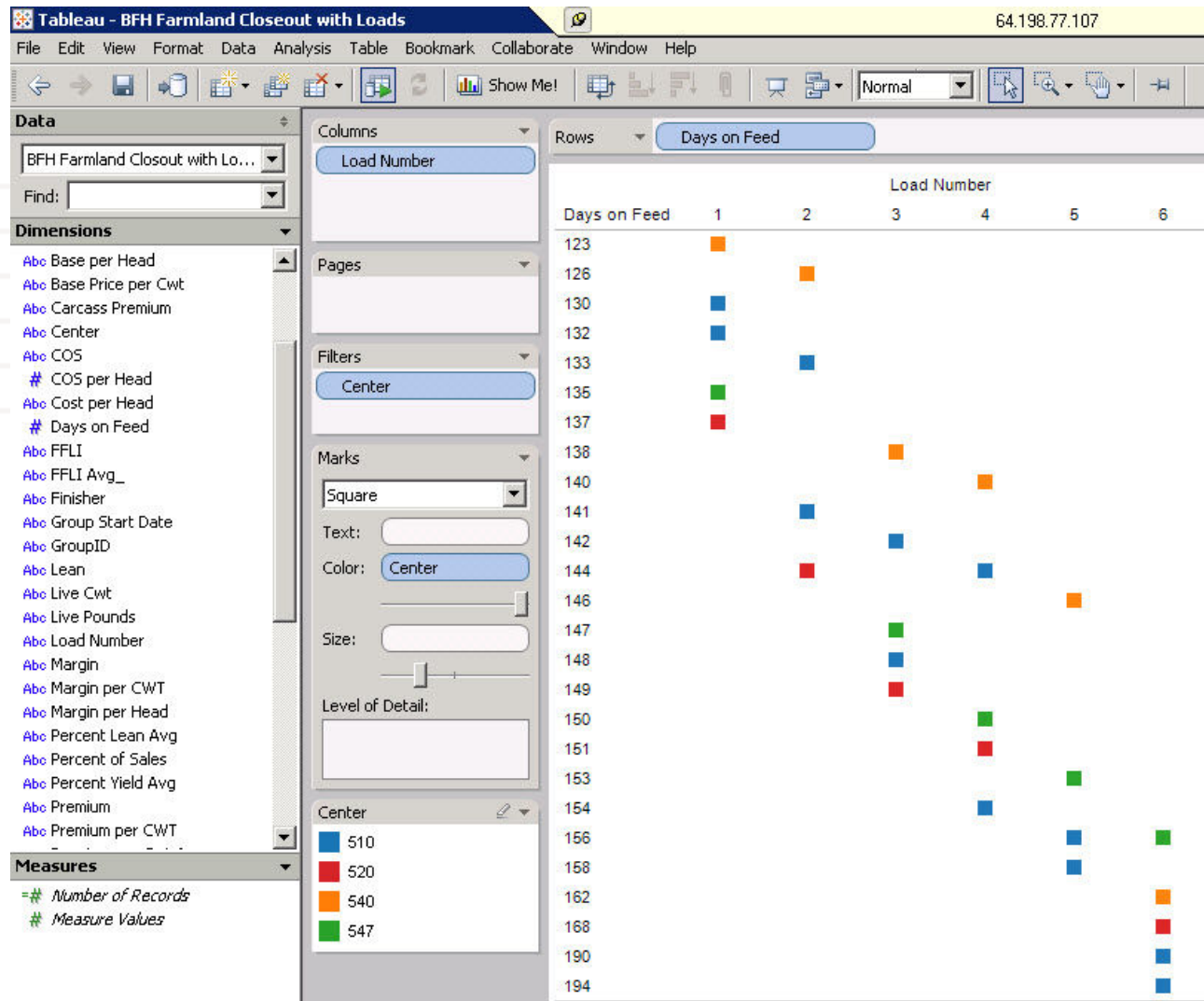
- a. Time period: include beginning/ending date
- b. Email switch: include flag to e-mail file IF e-mail address has been entered
- c. Company range + by company switch (custom for Carthage Vet)

Farm SURVey Case Study Tableau

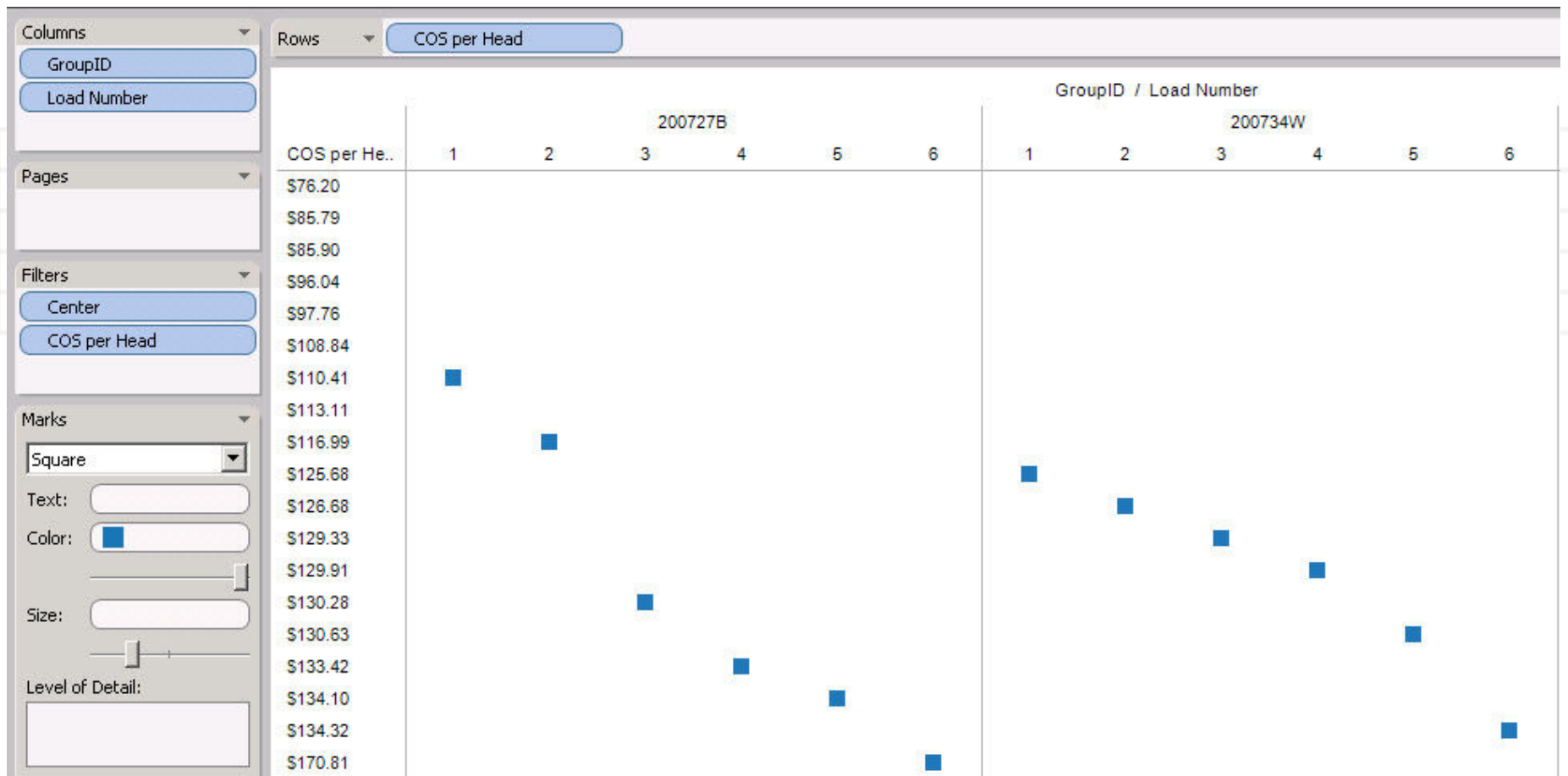


Connect to Data

Farm SURVey Case Study Tableau View



Farm S_ORVey Case Study Tableau View





Data
SFPBFH08.mdb [Planning] Co...
Find:

Dimensions
EntAltId
MonthDay
Measure Names

Pages

Columns MonthDay

Rows SUM(SoldNumber)

Filters
Scenario
EntAltId

Marks
Automatic
Text:
Color: EntAltId
Size:
Level of Detail:

- Color: EntAltId
- 501
 - 510
 - 511
 - 520z
 - 521
 - 525
 - 540
 - 545
 - 547
 - 550
 - 551
 - 555

- Measures
- # DiedAveWt
 - # DiedNumber
 - # Feed10Units
 - # Feed11Units
 - # Feed12Units
 - # Feed1Units
 - # Feed2Units
 - # Feed3Units
 - # Feed4Units
 - # Feed5Units
 - # Feed6Units
 - # Feed7Units
 - # Feed8Units
 - # Feed99Dollars
 - # Feed99Units
 - # Feed9Units
 - # FeedGmd
 - # InvAveWt
 - # InvNumber
 - # InvUnitPrice

Sets

