

DATA MINING

User Defined Accounting
Adding Graphs

TransAction Plus User Defined Report

- Generate report
- Press <F9>

(BFH16) User Defined Report


Detail				Recap			Recap Parameters			Export Parameters			
Edit	Date	Number	Vendor	Acct.	Acct Desc.	Cen.	Cen. Desc.	Div.	Div. Desc.	Amount	Description	Quantity	Weight
	01/02/2016	1082501	RIVER VALLEY COOPER/	541	Feed Buy & Disj	540	Holmes	5	PORK DIVISIOI	545.40	CORN-RV	149.836	0.000
	01/02/2016	1082501	RIVER VALLEY COOPER/	541	Feed Buy & Disj	540	Holmes	5	PORK DIVISIOI	287.43	SOYBEAN MEAL	2,098.000	0.000
	01/02/2016	1082501	RIVER VALLEY COOPER/	541	Feed Buy & Disj	540	Holmes	5	PORK DIVISIOI	86.69	Golden Distlers DS	1,204.000	0.000
	01/02/2016	1082501	RIVER VALLEY COOPER/	541	Feed Buy & Disj	540	Holmes	5	PORK DIVISIOI	2.08	CALCIUM	101.000	0.000
	01/02/2016	1082501	RIVER VALLEY COOPER/	541	Feed Buy & Disj	540	Holmes	5	PORK DIVISIOI	3.16	SALT	59.000	0.000
	01/02/2016	1082501	RIVER VALLEY COOPER/	541	Feed Buy & Disj	540	Holmes	5	PORK DIVISIOI	32.43	LYSINE	47.000	0.000
	01/02/2016	1082501	RIVER VALLEY COOPER/	541	Feed Buy & Disj	540	Holmes	5	PORK DIVISIOI	14.64	COML ADVANTAGI	1.980	0.000
	01/02/2016	1082501	RIVER VALLEY COOPER/	541	Feed Buy & Disj	540	Holmes	5	PORK DIVISIOI	5.44	Trace Mix	6.060	0.000
	01/02/2016	1082501	RIVER VALLEY COOPER/	541	Feed Buy & Disj	540	Holmes	5	PORK DIVISIOI	1.06	SELENIUM	5.980	0.000
	01/02/2016	1082501	RIVER VALLEY COOPER/	541	Feed Buy & Disj	540	Holmes	5	PORK DIVISIOI	21.24	L-THREONINE	18.000	0.000
	01/02/2016	1082501	RIVER VALLEY COOPER/	541	Feed Buy & Disj	540	Holmes	5	PORK DIVISIOI	30.73	FAT	142.950	0.000
	01/02/2016	1082501	RIVER VALLEY COOPER/	541	Feed Buy & Disj	540	Holmes	5	PORK DIVISIOI	23.58	ALIMET LQD BULK	11.500	0.000
	01/02/2016	1082501	RIVER VALLEY COOPER/	541	Feed Buy & Disj	540	Holmes	5	PORK DIVISIOI	3.16	Ronozyme1200	2.120	0.000
	01/02/2016	1082501	RIVER VALLEY COOPER/	541	Feed Buy & Disj	540	Holmes	5	PORK DIVISIOI	111.72	Paylean	12.000	0.000
	01/02/2016	1082501	RIVER VALLEY COOPER/	541	Feed Buy & Disj	540	Holmes	5	PORK DIVISIOI	6.10	DICAL	18.000	0.000
	01/02/2016	1082501	RIVER VALLEY COOPER/	541	Feed Buy & Disj	540	Holmes	5	PORK DIVISIOI	7.29	TRYPTOPHAN	1.620	0.000
	01/02/2016	1082501	RIVER VALLEY COOPER/	543	Grind/Mix/Deliv	540	Holmes	5	PORK DIVISIOI	1.82		6.060	0.000
	01/02/2016	1082501	RIVER VALLEY COOPER/	543	Grind/Mix/Deliv	540	Holmes	5	PORK DIVISIOI	45.45		6.060	0.000
	01/02/2016	1082501	RIVER VALLEY COOPER/	543	Grind/Mix/Deliv	540	Holmes	5	PORK DIVISIOI	132.00		1.000	0.000
	01/02/2016	1082513	RIVER VALLEY COOPER/	541	Feed Buy & Disj	521	Morby	5	PORK DIVISIOI	2,165.67	CORN-RV	594.966	0.000
	01/02/2016	1082513	RIVER VALLEY COOPER/	541	Feed Buy & Disj	521	Morby	5	PORK DIVISIOI	1,173.27	SOYBEAN MEAL	8,564.000	0.000

Export type: Excel 5.0 File Export destination: c:\all documents\excel\trans\Export

Graph Export Close

TransAction Plus User Defined Report

- ❑ Click on Recap Parameters tab
- ❑ Select sort fields and filters

 (BFH16) User Defined Report

Detail Recap

Current Sort Fields Restrict Data in Recap

Row	Recap Column	Sort Gap		Data Field	Min Value	Max Value
1	23 Group/Proj.		XXX	11 Amount	1000	1200
2	04 Vendor		XXX			
3	03 Number		XXX			
4			XXX			
5			XXX			
6			XXX			
7			XXX			
8			XXX			
9			XXX			
10			XXX			

☐ Select Sort Field ☒ Select Restrict Data Field

Recap Clear Recap

Recap Parameters

Sort Fields

- 03 Number
- 04 Vendor
- 05 Acct.
- 06 Acct Desc.
- 07 Cen.
- 08 Cen. Desc.
- 09 Div.
- 10 Div. Desc.
- 11 Amount
- 12 Description
- 13 Quantity
- 14 Weight
- 15 Debit Amt.
- 16 Credit Amt.
- 17 Entry Type
- 18 Unit Price
- 19 Ave. Wt.
- 20 Price/Wt.

TransAction Plus User Defined Report

Detail		Recap				
Description	Amount	Quantity	Weight	Debit Amt.	Credit Amt.	Unit P
Total 00091045	3,030.69	16,017.00	0.00	3,030.69	0.00	
Total 00091069	7,626.63	9,704.85	0.00	7,626.63	0.00	
Total 00092131	6,095.80	32,233.20	0.00	6,095.80	0.00	
Total 00092729	4,925.41	48,508.46	0.00	4,925.41	0.00	
Total 00093256	2,632.05	24,185.16	0.00	2,632.05	0.00	
Total 00093972	4,786.28	47,967.92	0.00	4,786.28	0.00	
Total 00094264	2,970.09	28,049.02	0.00	2,970.09	0.00	
Total 00094700	5,831.50	24,647.28	0.00	5,831.50	0.00	
Total 1840704	1,661.55	1,941.00	0.00	1,661.55	0.00	
Total RIVER VALLEY COOPERA	39,560.00	233,253.89	0.00	39,560.00	0.00	
Total 201618W	39,560.00	233,253.89	0.00	39,560.00	0.00	
Total 00092539	2,565.34	12,073.06	0.00	2,565.34	0.00	
Total 00093263	4,545.05	11,485.24	0.00	4,545.05	0.00	
Total 00093264	2,007.08	9,969.96	0.00	2,007.08	0.00	
Total 00093627	2,208.77	9,350.34	0.00	2,208.77	0.00	
Total 00094024	6,800.11	36,037.00	0.00	6,800.11	0.00	
Total 00094104	3,457.92	30,071.04	0.00	3,457.92	0.00	
Total 00094645	5,211.72	48,188.14	0.00	5,211.72	0.00	
Total 1841266	2,065.85	2,461.00	0.00	2,065.85	0.00	
Total 1842148	260.18	330.00	0.00	260.18	0.00	
Total RIVER VALLEY COOPERA	29,122.02	159,965.78	0.00	29,122.02	0.00	
Total 201621B	29,122.02	159,965.78	0.00	29,122.02	0.00	
Total	0.00	0.00	0.00	,195,360.43	0.00	
Total Debit/Credit Total	0.00	0.00	0.00	,195,360.43	0.00	
Total	1,195,360.43	8,931,906.69	0.00	0.00	0.00	
Total Total Expense	1,195,360.43	8,931,906.69	0.00	0.00	0.00	
Total	0.00	0.00	0.00	0.00	0.00	
Total	0.00	0.00	0.00	0.00	0.00	
Total	1,195,360.43	8,931,906.69	0.00	,195,360.43	0.00	

Adding Graphs

- ▣ FBS “Canned” Graphs
 - Open Group Report
 - Closed Group Report
 - Crop User Graphing

Open/Closed Group Reports

(BFH16) Closed Group Report

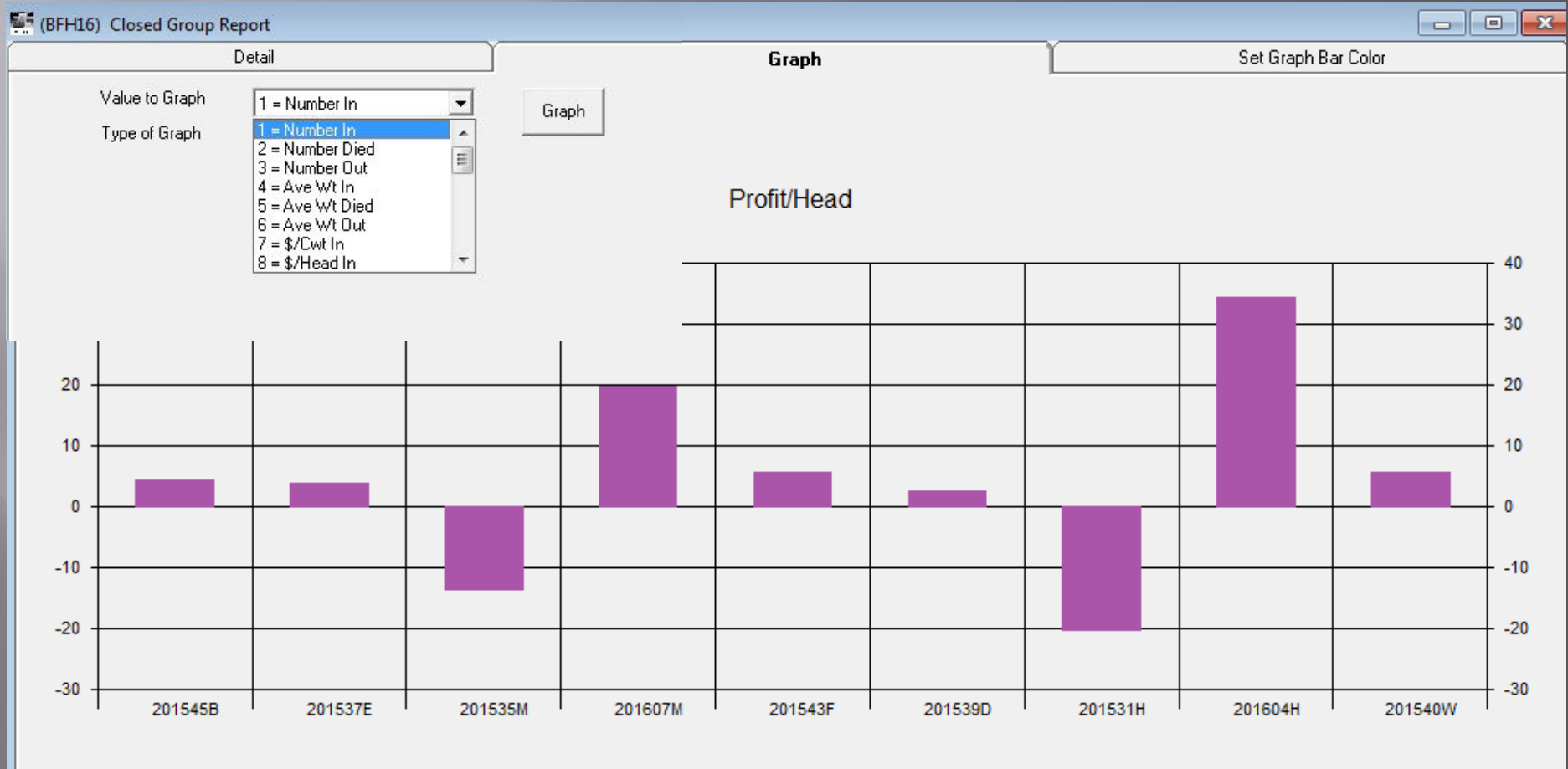
Detail Graph Set Graph Bar Color

Group Description	Source	No. In	No. Died	DL %	No. Out	Animal Days	ADG	FC	Animal Cost	Feed Cost	Drug Cost	Other Exp.	Sale \$/Head	Sale \$/Cwt
Lefler 2015-45	Cedarcrest	4,390	107	2.44	4,283	155	1.725	2.50	42.01	75.32	0.49	24.10	147.16	52.19
Totals for Lefler		4,390	107	2.44	4,283	155	1.725	2.50	42.01	75.32	0.49	24.10	147.16	52.19
DeBlock 2015-37	Cedarcrest	4,794	68	1.42	4,726	146	1.824	2.39	42.00	70.79	0.48	22.33	140.01	50.09
Totals for DeBlock		4,794	68	1.42	4,726	146	1.824	2.39	42.00	70.79	0.48	22.33	140.01	50.09
Morby 2015-35	Wildcat	2,398	48	2.00	2,350	149	1.744	2.40	41.63	71.23	2.03	25.39	127.45	46.53
Morby 2016-07	Wildcat	2,393	28	1.17	2,365	157	1.722	2.42	41.49	77.13	1.21	26.26	166.35	58.64
Totals for Morby		4,791	76	1.59	4,715	153	1.733	2.41	41.56	74.19	1.62	25.83	146.96	52.71
Hofmann 2015-43	Wildcat	2,986	64	2.14	2,922	153	1.803	2.33	41.77	72.95	0.38	27.75	149.27	51.79
Totals for Hofmann		2,986	64	2.14	2,922	153	1.803	2.33	41.77	72.95	0.38	27.75	149.27	51.79
DFI 2015-39	Wildcat	2,405	43	1.79	2,362	153	1.738	2.43	41.63	74.69	0.51	24.57	144.65	51.82
Totals for DFI		2,405	43	1.79	2,362	153	1.738	2.43	41.63	74.69	0.51	24.57	144.65	51.82
Holmes Mixed 31	Cedarcrest	2,186	34	1.56	2,152	153	1.788	2.46	42.00	77.12	2.51	24.84	126.70	44.35
Holmes 2016-04	Cedarcrest	2,203	67	3.04	2,136	153	1.684	2.44	35.66	73.68	1.03	24.86	170.75	62.58
Totals for Holmes		4,389	101	2.30	4,288	153	1.736	2.45	38.82	75.41	1.77	24.85	148.64	53.22
Lafever 2015-40	Cedarcrest	2,437	23	0.94	2,414	148	1.813	2.47	42.00	73.66	0.50	24.01	146.25	51.86
Totals for Lafever		2,437	23	0.94	2,414	148	1.813	2.47	42.00	73.66	0.50	24.01	146.25	51.86
Grand Totals		26,192	482	1.84	25,710	152	1.764	2.42	41.33	73.81	0.90	24.67	145.98	51.96

Lines to print: 2 - 25
Last detail column to print: Other

Close Print Range Printer Setup Export Refresh

Open/Closed Group Reports



User-Defined Graphing

- ▣ Ideal for column-formatted reports
 - Smart Feeder User Defined Report
 - Crop Cost Analysis by Center or Project
 - Financial Statements by Period

User-Defined Graphing

- Bottom of report screens:

Lines to print: 2 - 32
Last detail column to print:

Close Print Range Printer Setup **Export** Refresh Rotate

Graphing macro: 0 Manual Graph
Export type: 3 = Excel 5.0 File
Export file name: Export
Export file destination: c:\all documents\excel\farm\
Change Destination Recap
Graph Export Close

Graphing macro: 0 Manual Graph
Export type: 3 = Excel 5.0 File
Export file name: Export
Export file destination: c:\all documents\excel\farm\
Change Destination Recap
Press <F8> to toggle
Graph w/Excel Export Close

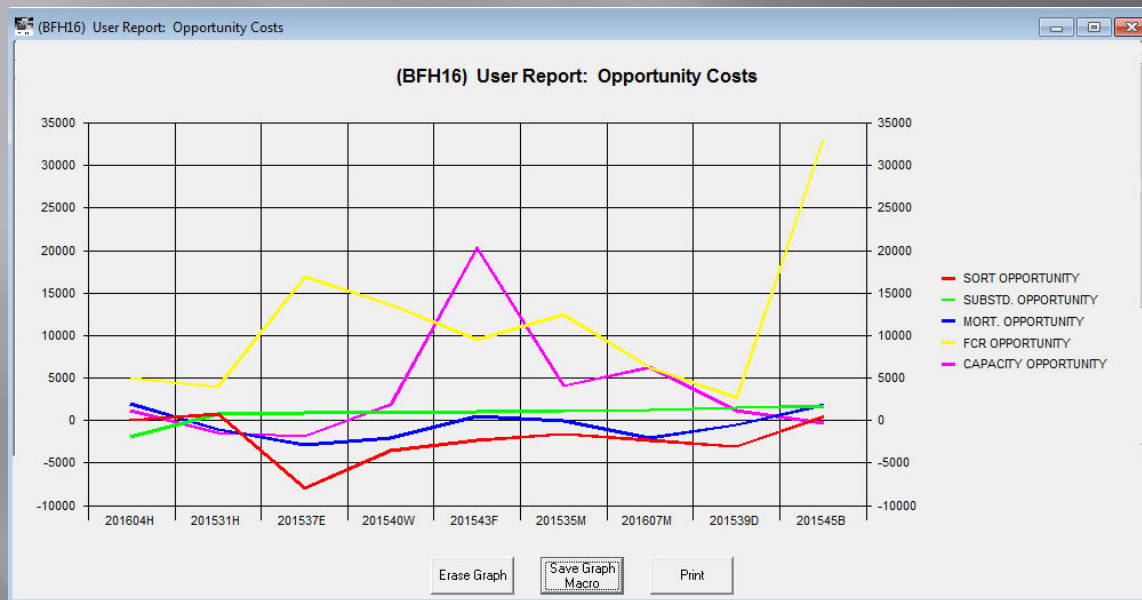
Graphing Options (using Excel)

☐ Select rows 9, 14, 21, 31,
☐ Select columns 1, 2, 3, 4, 5, 6, 7, 8, 9,
☒ Select heading row 1

Type of Graph: 1 = Bar graph
Select Area Highlighted Ok Cancel
Start with graphing macro: 1 Feed Conversion-Avera
Load Starting Macro

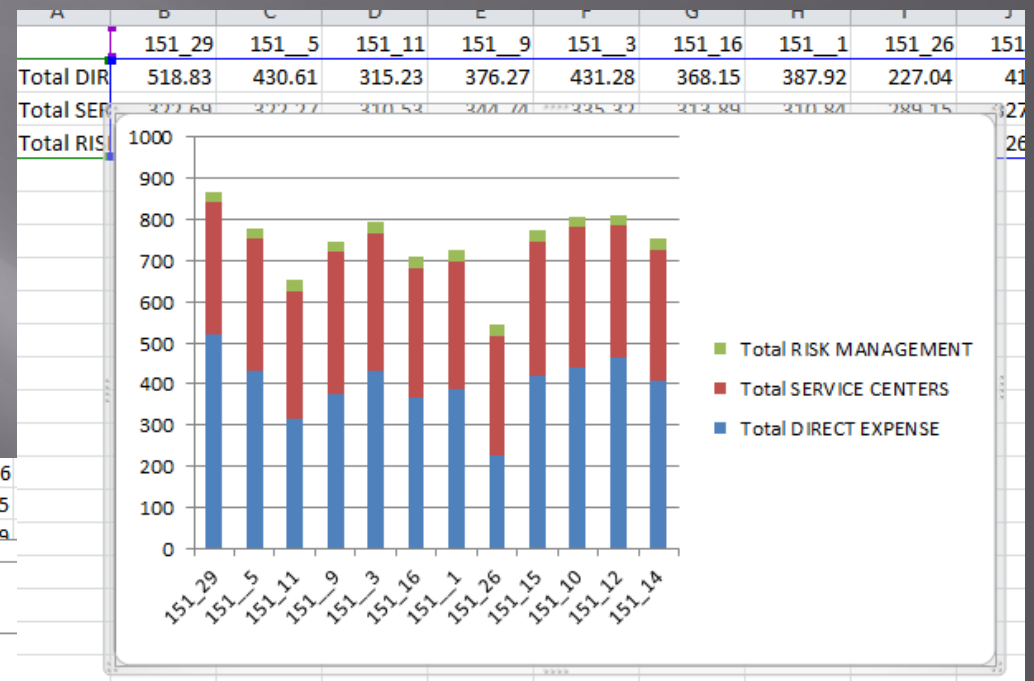
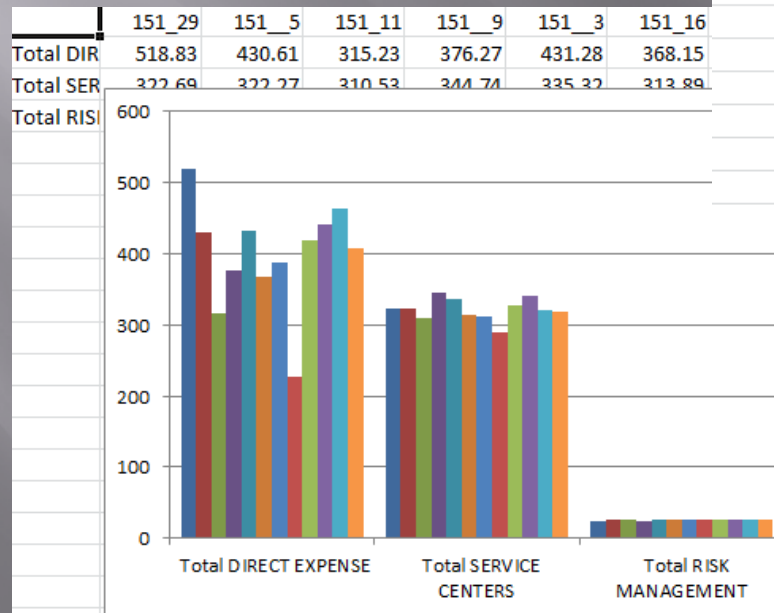
User-Defined Graphing

- ▣ FBS “native” graphs



User-Defined Graphing

▣ Excel graphs



151_9
151_3
151_16
151_1
151_26
151_15
151_10
151_12
151_14

User Graphing

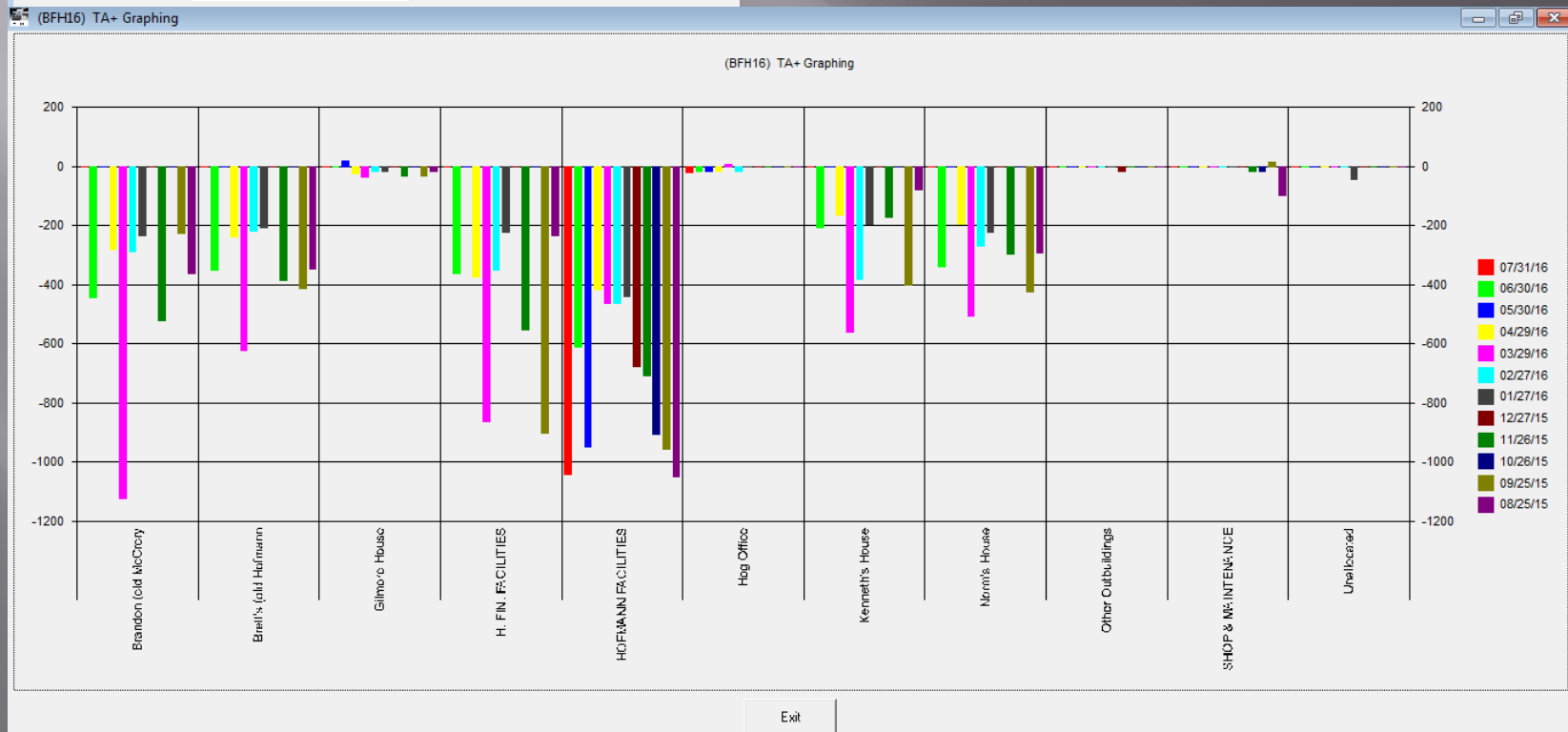
- ▣ TransAction Plus Detail Report Menu
- ▣ Crop Audit Report Menu
- ▣ Smart Feeder Standard Feeding Report Menu
- ▣ Benefits and limitations
 - Good for “quick and dirty” reports
 - Can specify data ranges
 - Totals only (no units)

User Graphing

(BFH16) TA+ Graphing Parameters

Beginning Date: 07/01/2016
Ending Date: 07/31/2016
Time Periods: 12
Field to Graph: 3 = Center
Type of Graph: 1 = Bar graph
Type of Legend: 2 = Description
Ledger Class Range: 0-zzzzzz
Ledger Account Range: 810
Center Range: 0-zzzzzz
Division Range: 0-zzzzzz
Vendor Range: 0-zzzzzz

828 Misc. Marketing Char
829 Crop Checkoff
830 Auto - Farm Share
840 Acctg. Prof. Legal
850 Soil & Water
862 Farm Office Exp
863 Seminars/Travel
864 Dues & Subscripts
865 Misc Farm Expense
866 Licenses
868 Hedging Deposits
870 Deprec-Mach & Equi
880 Deprec-Bldg Lvstk
890 Deprec-Bldgs & Imp
895 Cash Offset
896 Clearing Account
900 Food
902 Home Operating Exp

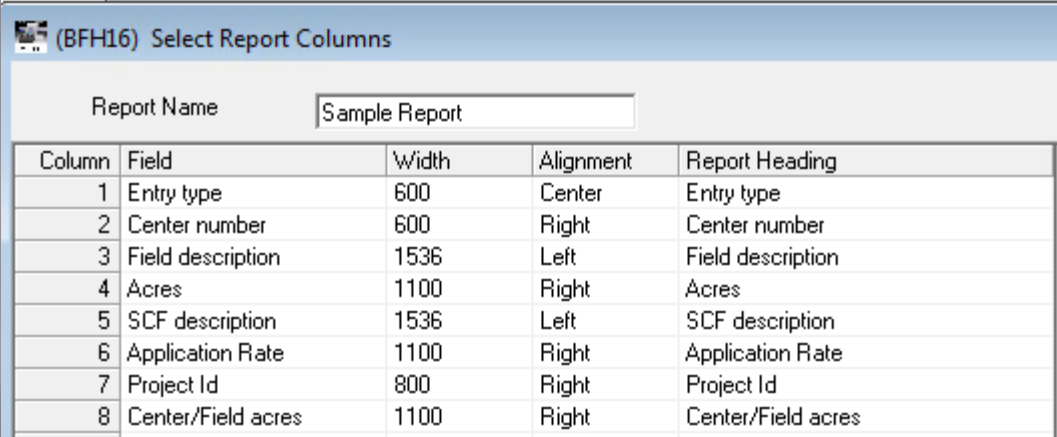


Simple “Data Dump” Reports

- ▣ TransAction Plus
 - User Defined Report
 - User Detail Report
- ▣ Smart Feeder
 - Input History Report
 - User Detail Report
- ▣ Crop User Detail

Crop User Detail

- ▣ Define column template



(BFH16) Select Report Columns

Report Name:

Column	Field	Width	Alignment	Report Heading
1	Entry type	600	Center	Entry type
2	Center number	600	Right	Center number
3	Field description	1536	Left	Field description
4	Acres	1100	Right	Acres
5	SCF description	1536	Left	SCF description
6	Application Rate	1100	Right	Application Rate
7	Project Id	800	Right	Project Id
8	Center/Field acres	1100	Right	Center/Field acres

Crop User Detail

▣ Report filter

(BFH16) Crop History Report

Beginning date: 01/01/2015

Ending date: 12/31/2015

Center range: 151,153,155

Field range: 0-zzzzzz

Project range: 0-zzzzzz

Entry types: G

Application valuation: 1 From Purchases

Include budget: 1 Actual Records

Report: 1 Sample Report

Define Report

OK **Cancel**

Report Macro Options
☒ Do nothing

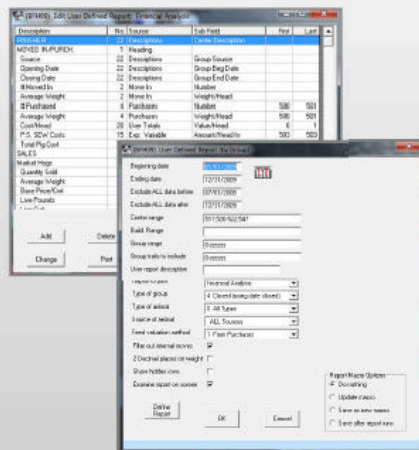
Legend:
Z = All entry types
A = Field Operations
B = Plant Seed
C = Apply Chemicals
D = Apply Fertilizer
G = Harvest Crop

Crop User Detail

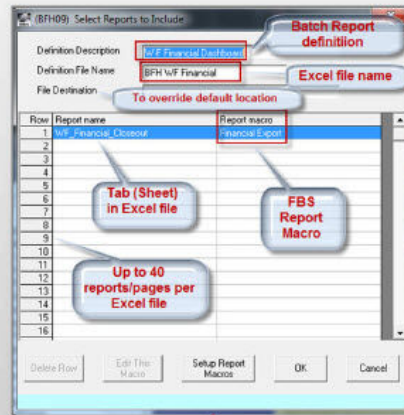
- Report detail and recap

(BFH16) Crop User Detail Detail							
Detail							Recap by Field
Edit	ntry typ	number	Field description	Acres	SCF description	Application Rate	Project Id
	B	151	CORNER 40	40.80	CHANNEL 209 STX	889.08	151_9
	B	151	CORNER 40	40.80	CHANNEL 209 STX	889.08	151_9
	A	153	BRANDON NORTH	76.00	VRT Custom Appl		153_7
	C	153	BRANDON NORTH	76.00	RADIATE GAL OZ	0.03	153_7
	C	153	BRANDON NORTH	76.00	CAPTURE LFR	0.05	153_7
	A	151	CORNER 40	40.00	VRT Custom Appl		151_9
	C	151	CORNER 40	40.00	RADIATE GAL OZ	0.03	151_9
	C	151	CORNER 40	40.00	CAPTURE LFR	0.05	151_9
	A	153	BRANDON NORTH	76.00	VRT Custom Appl		153_7
	C	153	BRANDON NORTH	76.00	RADIATE GAL OZ	0.03	153_7
	C	153	BRANDON NORTH	76.00	CAPTURE LFR	0.05	153_7
	A	151	CORNER 40	40.00	VRT Custom Appl		151_9
	C	151	CORNER 40	40.00	RADIATE GAL OZ	0.03	151_9
	C	151	CORNER 40	40.00	CAPTURE LFR	0.05	151_9
	B	153	BRANDON NORTH	3.27	CHANNEL 209 STX	11,222.40	153_7
	B	153	BRANDON NORTH	43.54	AGRIGOLD A6496S	844.00	153_7
	B	153	BRANDON NORTH	29.39	DKC 60-67 RIB	1,250.33	153_7
	A	153	BRANDON NORTH	76.00	VRT Custom Appl		153_7
	C	153	BRANDON NORTH	76.00	SHARPEN GAL OZ	0.02	153_7
	C	153	BRANDON NORTH	76.00	HARNESS EXTRA I	0.25	153_7
	D	153	BRANDON NORTH	76.00	SOLUTION 28%	28.22	153_7
	A	151	THE 120	120.00	VRT Custom Appl		151_10
	C	151	THE 120	120.00	CAPTURE LFR	0.05	151_10
	C	151	THE 120	120.00	RADIATE GAL OZ	0.03	151_10

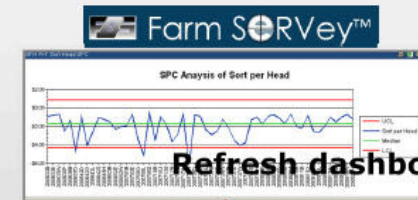
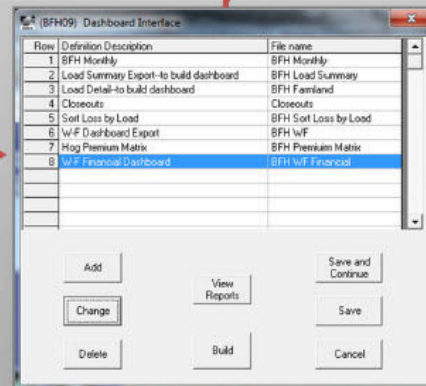
FBS Batch Reports



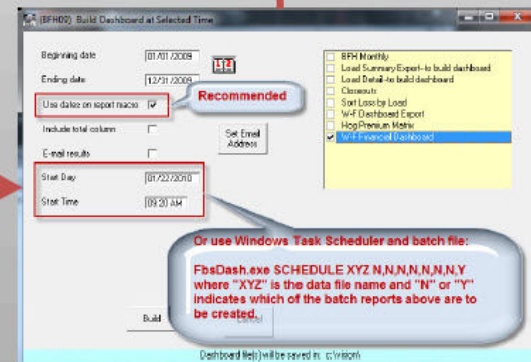
Create Report Macros



Associate Report Macros with Batch Reports

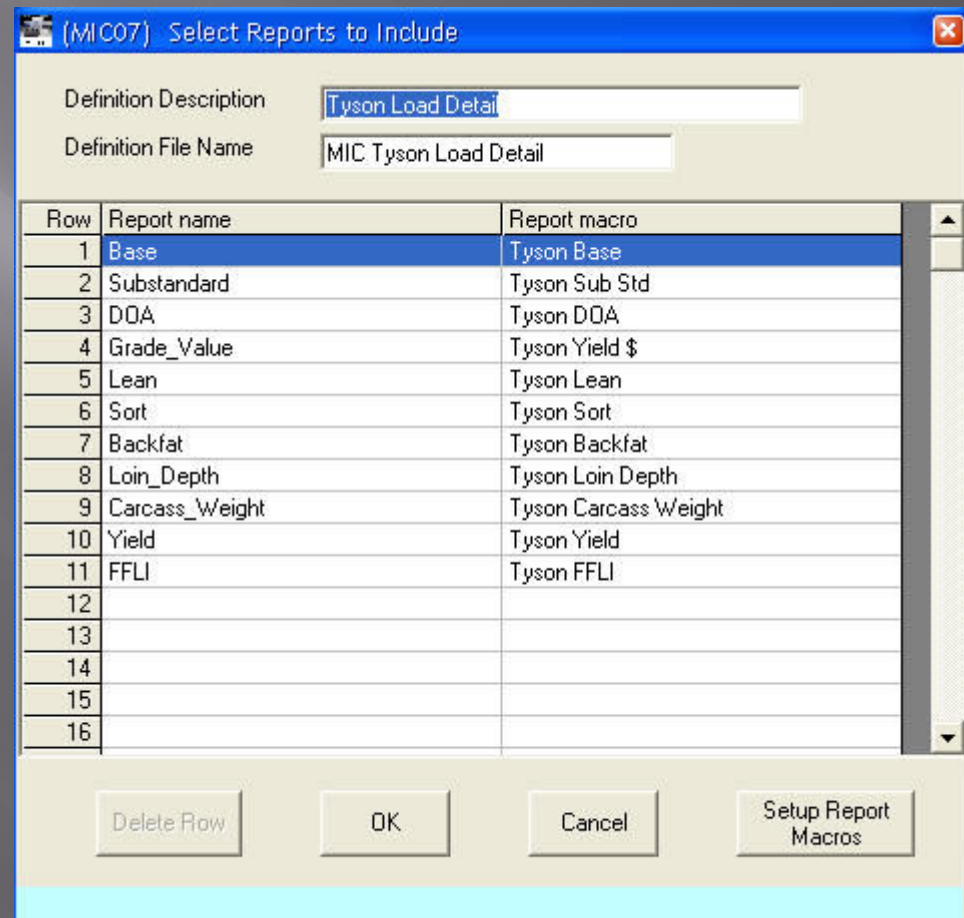
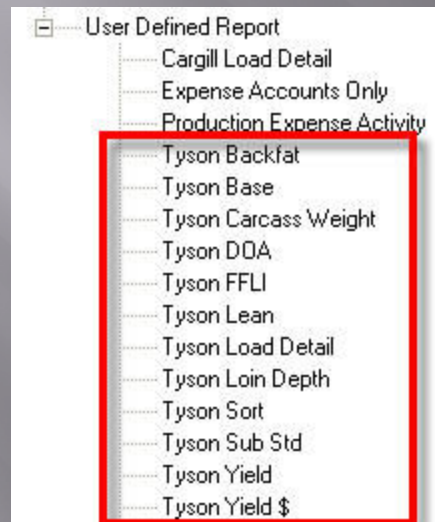


Convert & Merge Data with VisionConnect



Build/Refresh Batch Reports

How FBS Batch Reports Work



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

(BFH10) Select Reports to Include

Definition Description: Cargill Weight Matrix

Definition File Name: BFH Cargill Weights

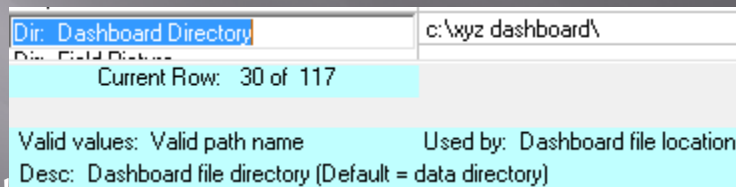
File Destination:

Row	Report name	Report macro
2	Carcass_B	Carcass 141-147
3	Carcass_C	Carcass 148-154
4	Carcass_D	Carcass 155-162
5	Carcass_E	Carcass 163-169
6	Carcass_F	Carcass 170-176
7	Carcass_G	Carcass 177-184
8	Carcass_H	Carcass 185-191
9	Carcass_I	Carcass 192-198
10	Carcass_J	Carcass 199-206
11	Carcass_K	Carcass 207-213
12	Carcass_L	Carcass 214-221
13	Carcass_M	Carcass 222-228
14	Carcass_N	Carcass 229-235
15	Carcass_O	Carcass 236-242
16	Carcass_P	Carcass 243-244
17	Carcass_Q	Carcass 245-249

Delete Row Edit This Macro Setup Report Macros OK Cancel

FBS Batch Reports Multi-file Guidelines

1. Separate report repository directories for each FBS company



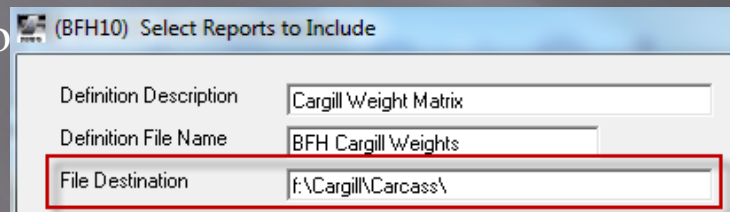
Dir: Dashboard Directory	c:\wyz dashboard\
Dir: Field Directory	
Current Row: 30 of 117	
Valid values: Valid path name Used by: Dashboard file location	
Desc: Dashboard file directory (Default = data directory)	

or...

2. Repository by report category (selected by report)

And/or...

3. Label report files with company name and report repository



(BFH10) Select Reports to Include

Definition Description	Cargill Weight Matrix
Definition File Name	BFH Cargill Weights
File Destination	f:\Cargill\Carcass\