

Whole-farm, Enterprise, Family Living, County-levels

Kansas Farm Management Association





KFMA Statewide

Cheyenne	Rawl	ins	Decatur	Norton	Phillips	Smith	Jewell	Republic	Washingtor	Marsha	ll Nemah	na Brown	Doniph	an
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Wallace	Logan		Gove	Trego	Ellis	Russell	Lincoln	O elle e	Dickinson	Geary	Wabaunsee	Shawnee		
							Ellsworth	Saline	•	Morris	۱	Osage	Douglas	Johnson
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		•	Gray	SW Ford	Edwards	F		Sedgw		•	areenwood	Woodson	Allen	Bourbon
Stanton	Grant	Haskell	1]	Kiowa	Pratt	Kingman			_		Wilson	Neosho	Crawford
			Meade	Clark		Barber	Ĺ	Sumner	Cowle		EIK SE			
Morton	Stevens	Seware	d		Comanche		Harper		Cowie	· -	Chautauqua	. Montgomery	Labette	Cherokee
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KFMA Southwest

1409 E Trail Dodge City, KS 67801 (620) 225-5600

KFMA State Office 308 Waters Hall 1603 Old Claflin Place Kansas State University Manhattan, KS 66502 (785) 532-8706 or (785) 532-1506

Kansas Farm Management Association - Southwest

- No hourly charges or hidden fees
- Annual contracts
- Membership begins at \$1,200-\$1,350/yr
- Taxes are \$350/entity (optional)

- Data is collected & reported ANONYMOUSLY to K-State for research purposes
- KSU is leading Farm data source in the nation



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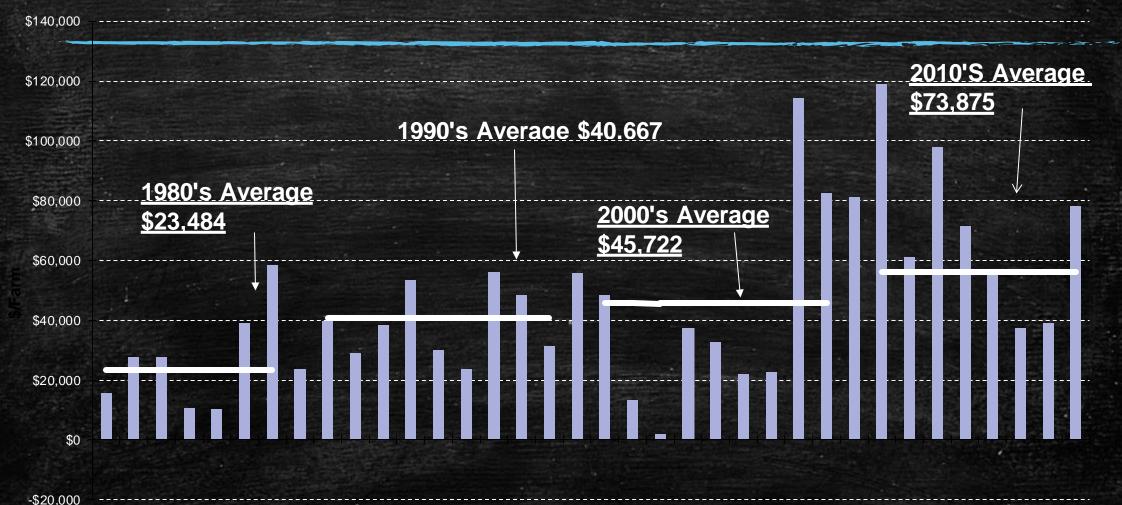
2017: Survival of the Fittest

*Freeze & Blizzard
*Wheat Mosaic
*Intermittent Rainfall
*Hail storms
* Head worms

Whole Farm Summary Averages Overview

- NFI almost doubled from 2016 to \$78,092
- ROA and ROE were positive
- Operating Profit Margin highest since 2012
- Total Expense decreased
- Current Ratio (Debt to Asset) increased, acceptable
- Total debt decreased

Southwest Kansas Farm Management Association Accrual Net Farm Income, 1982-2017



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FARM MANAGEMENT ASSOCIATION SW 2013 - 2014 - 2015 - 2016 - 2017

	2013 AVERAGE	2014 AVERAGE	2015 <u>AVERAGE</u>	2016 <u>AVERAGE</u>	2017 AVERAGE
			<u></u>		
NET LIVESTOCK INCOME TOTAL CROP INCOME GOV. PMTS.	\$48,475 265,235 52,888	\$48,583 238,752 35,279	\$111,289 370,585 34,501	\$104,348 377,518 47,476	\$79,960 324,364 56,943
CROP INSURANCE MACHINE HIRE/OTHER INCOME VALUE OF FARM PRODUCTION		46,093 37,487	16,837 49,892	3,966 32,324	12,121 42,728
(GROSS INCOME) CROP VALUE / CROP ACRE	469,633 235	406,195 179	583,104 245	565,633 219	515,227 209
EXPENSES					
CASH OP. EXP.	\$353,156	\$307,621	\$478,693	\$470,274	\$367,461
EXP/ \$100 GROSS (VFP)	84.74	86.19	82.09	93.07	84.84
INTEREST EXP RATIO	0.024	0.028	0.026	0.032	0.044
MACH COST/ TOTAL EXP (%)	31.63%	37.94%	33.53%	22.84%	25.34%
MACH INV/ CROP ACRE	171.57	182.33	192.40	180.49	152.75
MACH COST/CROP ACRE CROP PROD COST/ CROP ACRE	65.98 180.56	64.65 168.22	79.43 208.94	71.92 187.63	60.81 150.89
NET ACCRUAL INCOME	<u>\$71,633</u>	<u>\$56,101</u>	<u>\$37,423</u>	<u>\$39,210</u>	<u>\$78,092</u>
DEBT / ASSET RATIO	0.15	0.13	0.14	0.18	0.24
CUR ASSETS/CUR LOANS	3.62	3.45	4.70	2.33	1.74

Note:

Page 6

 VFP was NOT the highest Expenses were lower (not lowest) Machine Investment lowest per acre Crop production cost per acre lowest Current Ratio lowest •

High 25% - VS - Low 50%

 Income was deciding factor (VFP)

 \$76/acre income vs \$17/acre expense

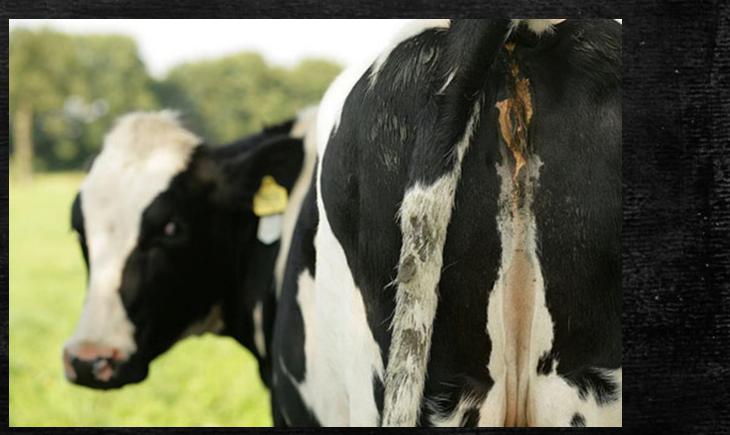
• Scale? Yields?

• Data from pgs 19-22

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INCOME	<u>HIGH 25%</u>	<u>LOW 50%</u>	DIFFERENCE
NET LIVESTOCK INCOME TOTAL CROP INCOME GOV. PMTS. CROP INSURANCE MACH HIRE/OTHER INCOME VALUE OF FARM	\$105,089 563,168 86,983 16,698 85,415	\$27,449 156,833 41,650 8,906 19,216	\$ (77,640) (406,335) (45,333) (7,792) (66,199)
PRODUCTION CROP VALUE / CROP ACRE	857,355 255.00	254,055 179.00	(603,300) (76.00)
EXPENSES			
CASH OP. EXP.	\$510,020	\$193,252	\$ (316,768)
EXP/ \$100 GROSS (VFP) INTEREST EXP RATIO	0.73 0.045	0.90 0.028	0.17 (0.0170)
MACH COST/ TOTAL EXP (%) MACH INV/ CROP ACRE	12% 193.34	20% 198.53	8% 5.19
MACH COST/CROP ACRE PROD COST/ CROP ACRE	63.14 166.93	72.91 149.32	9 77 (17.61)
NET INCOME	<u>\$231,577</u>	<u>\$25,823</u>	<u>\$205,754</u>



But let's back-up a minute...



Farm Financial Standards Council (FFSC)

National experts

 "Financial Guidelines for Agricultural Producers"

Issues 21 financial ratio standards, (we concentrate on 10)
Divided into 5 categories:

Farm Financial Standards Council (FFSC)

Liquidity Solvency Profitability Repayment Capacity Financial Efficiency

Benchmark (aka Stoplight Graph)

			lanagement Association Benchmarks 2017		
SW PN	Pawnee				
		County Avg			
Liquidity	Current Ratio	3.2639	2.0		1.25 or less
Elquidity	Working Capital Ratio	0.7630	• 50%		20% or less
Solvency	Debt to Asset Ratio	0.1544	• 0.40		0.70 or more
	Operating Profit Margin Ratio	0.0113	0.20	•	0.10 or less
Profitability	Rate of Return on Farm Assets	0.23%	5%	•	1% or less
	Rate of Return on Farm Equity	-0.19%	8%	•	4% or less
	Operating Expense Ratio	0.7855	0.62		• 0.72 or more
Efficiency	Interest Expense Ratio	0.0192	• 0.07	0.11 or	more
Efficiency	Depreciation Expense Ratio	0.0937	0.04 0.08	0.11 or	more
	Net Farm Income Ratio	0.1016	0.20	•	0.10 or less

LIQUIDITY

Graph on pg 13

1)Current Ratio 2)Working Capital Ratio

 Ability to pay off current debt with current cash
 Current = 12 months or less

SOLVENCY

Graph on pg 14

Debt to Asset Ratio

Can you sell off assets to pay debt?

PROFITABILITY

Graph on pg 10

1) Return on Assets (ROA) Participation 2) Return on Equity (ROE) 3) Net Farm Income (NFI) • 4) Operating Profit Margin

ROA & ROE = ability to create wealth

EFFICIENCY

Graph on pg 11

1)Operating Expense Ratio (graph)

 2) Interest Expense Ratio
 3) Depreciation Expense Ratio

4) Net Farm Income Ratio

 How well are you using your resources?

ROA – VS – ROE

ROA (Return on Assets)

 Assets = Anything owned by anyone (Bank loans)

- Net Income / Avg Assets
- Use to see how well your farm is using all assets

 How well are you using your debt?

 Should be LARGER than the interest cost you are paying on debt

ROA – VS – ROE

ROE (Return on Equity) Equity = Only property owned solely by YOU

Net Income / Equity

- Comparable to other businesses or investments Rate of Return
- Fun Fact: Warren Buffet relies on ROE to make decisions

ROE > ROA = preferred; Debt is usually the difference

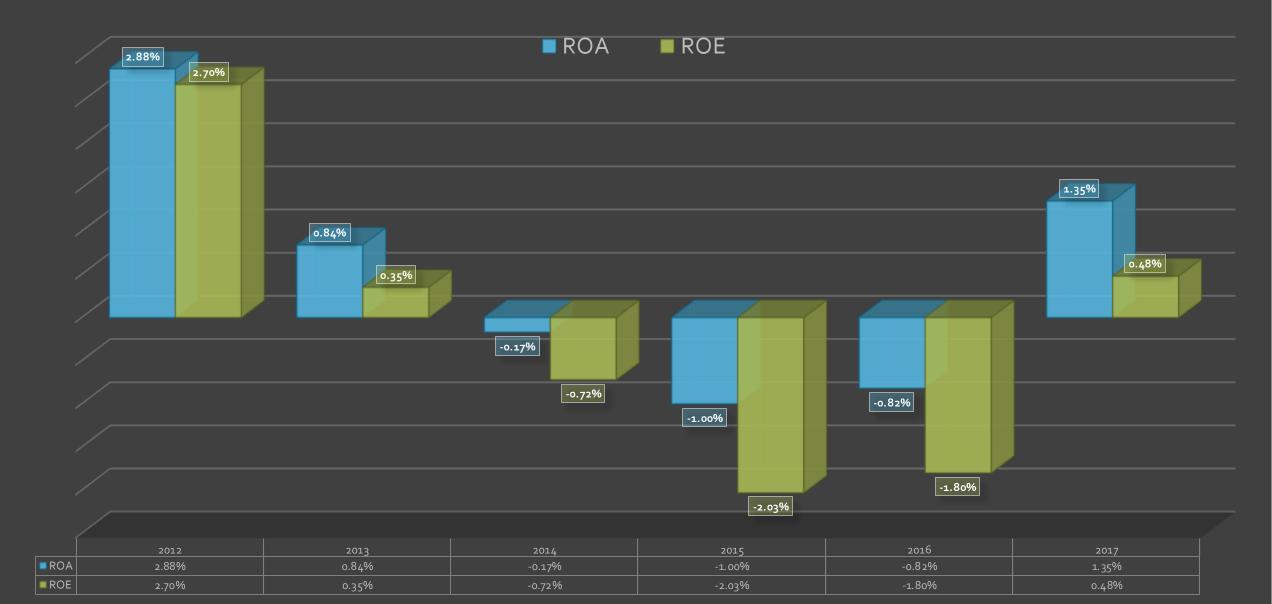
Farming and ROA/ROE

*Land
(expensive)
*Machinery
(accumulate)

As \$ of Assets increase, returns can decrease



FARM MANAGEMENT ASSOCIATION - SW ROA VS ROE 2012 - 2017



2017 Data - Southwest Kansas Summary Kansas Farm Management Association Annual ProfitLink Summary Average (62 Farms)

	man and Employee Amplicate	Average (oz Farms)	
1	me and Expense Analysis Beef	76,802	
2	Dairy and Milk	70,002	
3	Sheep	5,028	
3 4	Swine	5,020	
5	Poultry and Eggs		
6	Other Livestock/Hedging	-889	
7	Custom Feeding	18,026	
8	Feed Purchased	-19,896	
9	Livestock Value Produced	\$79,071	
9 10	Com		
11		73,605 88,864	
12	Grain Sorghum		
	Soybeans	25,127	
13	Sunflowers	110.011	
14	Wheat	118,311	
15	Hay and Forage	14,018	
16	Other Crop	4,439	
17	Government Payments	56,943	
18	Crop Insurance Proceeds	12,121	
19	Machine Work	16,491	
20	Other Income/Hedging	20,201	
21	Value of Farm Production	\$515,227	
22	Hired Labor	22,501	
23	Machinery Repairs	44,598	
24	Irrigation Repairs	3,754	
25	Building Repairs	2,876	
26	Seed/Other Crop Expense	30,877	
27	Crop Insurance	17,275	
28	Fertilizer-Lime	49,824	
29	Machine Hire	29,166	
30	Organization Fees, Publications	6,352	
31	Vet-Med-Drugs	5,371	
32	Misc Crop Expense	2,628	
33	Misc Livestock Expense	3,033	
34	Dairy Expense		
35	Gas-Fuel-Oil	23,211	
36	Irrigation Energy	10,101	
37	Real Estate Taxes	10,934	
38	Personal Property Taxes	1,576	
39	General Farm Insurance	12,355	
40	Utilities	6,618	
41	Cash Farm Rent	30,777	
42	Herbicide-Insecticide	52,262	
43	Conservation	505	
44	Auto Expense	964	
45	Total Operating Expense	\$367,461	
46	Interest Paid	22,000	
47	Depreciation-Machinery	42,973	
48	Depreciation-Buildings	3,010	
49	Total Farm Expense	\$437,135	
50	Net Farm Income	\$78,092	
		1.0,002	

2017 Summary, Page 16

Total Expense Ratio = 84% Operating Profit Margin = 6% Current Ratio = 1.74 Debt to Asset = 23%

51	Unpaid Family Labor	3,145
52	Unpaid Operator Labor	66,460
53	Current Asset Charge	10,019
54	Non-Current Asset Charge	89,300
55	Return to Labor & Management	-24,373
56	Return to Capital	31,377
Rati	ios	
57	Total Expense Ratio	0.8484
58	Adjusted Total Expense Ratio	0.9835
59	Economic Total Expense Ratio	1.1763
60	Operating Profit Margin Ratio	0.0609
61	Asset Turnover Ratio	0.2212
62	% Return on Assets	0.0135
63	% Return on Equity	0.0048
64	Average Current Ratio	1.7464
65	Average Debt to Asset Ratio	0.2368

2017 Summary, Page 17

	7 Data - Southwest Kansas nmary	Kansas Farm Management Association Annual ProfitLink Summary Average (62 Farms)			
	ets/Loans	January 1	December 31	Jan	
66	Current Assets	365,020	429,654		
67	Non-Current Accts Receivable	37,914	39,804		
68	Breeding Livestock	101,503	97,219		
69	Machinery and Equipment	431,182	428,435		
70	Buildings	36,528	37,921		
71	Owned Land	1,317,534	1,335,390		
72	Total Assets	2,289,680	2,368,424		
73	Current Liabilities	215,627	239,421	1	
74	Non-Current Liabilities	338,724	309,440		
75	Net Worth	1,735,330	1,819,563		
Lab	or	-	· · ·		
76	Number of Operators		0.92		
77	Number of Workers		1.37		
78	Total Work Days		284		
79	Value Farm Production/Worker		375,548		
80	Net Farm Income/Worker		56,921		
Per	Operator Basis				
81	Total Assets		2,522,292		
82	Value of Farm Production/Operator		557,975		
83	Net Farm Income/Operator		84,571		
Othe	er Factors				
84	% Crop Acres Irrigated		9.30 %		
85	% Tillable Land		68.63 %		
86	Crop Machine Cost/Total Expense (%)		32.88 %		

Inventory 1/1 – 12/31
Labor
Per Operator Basis
Other Factors

2017 Summary, Page 17

Average Acreage
Crop Value/Cost/Acre
Dryland
Irrigated

Acre		· · · ·		Own		Rent	ed
		Total	Cnt	Acres	Cnt	Acres	Cnt
87	Total Acres	3389	62	1277	56	2615	53
88	Non-Irrigated Crop Acres	2144	61	897	52	1650	51
89	Irrigated Crop Acres	406	33	274	26	370	17
90	Total Crop Acres	2364	61	1034	52	1773	51
91	Pasture Acres	1526	43	547	32	1851	26
92	Farmstead-Timber Acres	14	19	15	17		
	Value, Costs, Acres	То	otal	Per Crop		Per Harv	
93	Acres			2	363.79		680.54
94	Crop Mach Invest		361,063		152.75		214.85
95	Crop Mach Cost		143,744		60.81		85.53
96	Gross Crop Value		493,484		208.77		293.65
97	Crop Prod Costs		356,662		150.89		212.23
Non	Irrigated Acres		Avg	Own	ed	Rent	ed
	Ingated Acres	Cnt	Acres	Acres	Yield	Acres	Yield
98	Corn	17	450	188		373	97.47
99	Grain Sorghum	42	575	203	84.49	589	84.22
100	Soybeans	8	284			263	43.00
101	Sunflowers						
102	Wheat	56	848	283	46.83	768	46.50
103	Other Crops						
104	Alfalfa Hay						
105	Other Hay & Forage	23	292	268		301	
106	DC Grain Sorghum						
107	DC Soybeans						
108	DC Sunflowers						
Irrias	ated Acres		Avg	Own	ed	Rent	ed
	lied Acles	Cnt	Acres	Acres	Yield	Acres	Yield
109	Corn	23	217	160	204.20	203	204.48
110	Grain Sorghum	11	88	92	100.54		
111	Soybeans	11	243			252	58.42
112	Sunflowers						
113	Wheat	16	181	191	41.97	101	56.38
114	Other Crops						
115	Alfalfa Hay						
116	Other Hay & Forage	6	260	143			
117	DC Grain Sorghum						
118	DC Soybeans						
119	DC Sunflowers						

Decrease in Total Debt

Current Debt

 2016: Increased \$38,954
 2017: Increased \$23,794

- Longterm Debt
 - 2016 Decreased \$18,615
 - 2017 Decreased \$29,284
- Total Debt DECREASED \$102,632 since 1/1/2016



THE

KFMA-SW 2017

Family Living

Summary book, page 23

2017 Family Living

 Avg Decreased to \$55,801

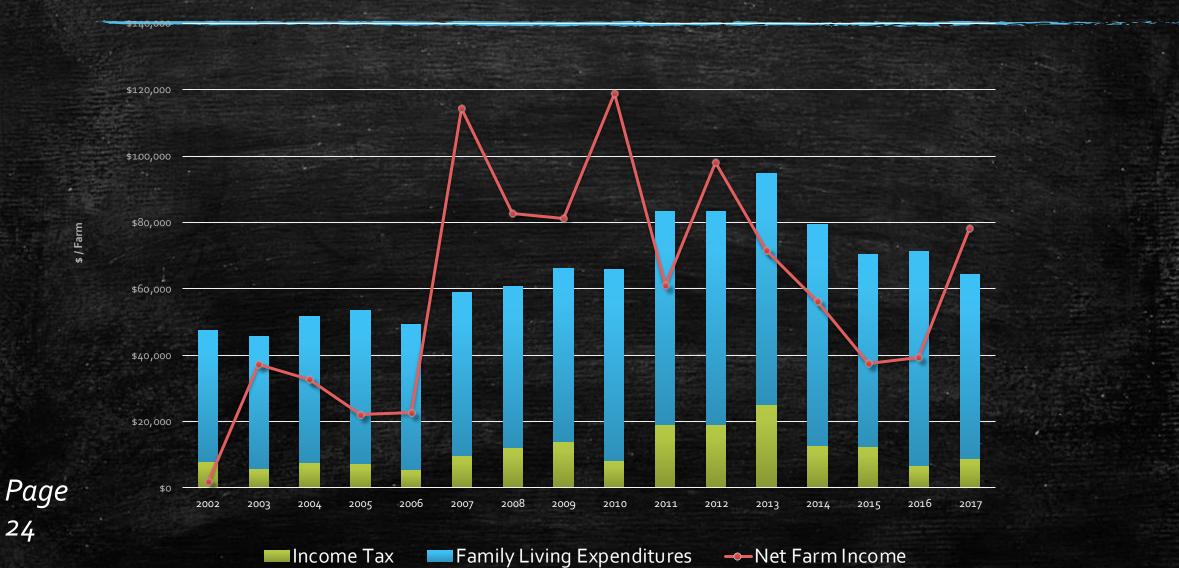
 Including SE Tax, \$64,511

 Lower than state average

Less than NFI (1st since 2012)

	and the second sec			- 10 ST
2017 Data - Southwest Kansas Family Living Summary -	Kansas Farm Management Association Annual ProfitLink Summary Age of Oldest Child			
		<= 24	Couples	Average
Number of Families		6	17	27
Average Family Size		3.8	2.0	2.3
Income				
Misc Taxable Income		18,577	13,874	13,263
Wages		11,887	7,004	7,060
Rent/Royalties		6,584	11,268	8,558
Dividends/Interest		463	4,066	2,677
Non-Taxable Income		282,557	24,370	79,823
Non-Deductible Non-Farm Expense		-1,472	-4,896	-3,435
Deductible Non-Farm Expense		-4,566	-1,195	-2,287
Non-Farm Income (1)	:	\$314,029	\$54,490	\$105,659
Net Farm Income (2)		\$94,118	\$23,977	\$55.316
Net Income (1) + (2)	:	\$408,148	\$78,467	\$160,976
Family Living Expenses				
Food Purchased		7,938	7,961	7,402
Household Operation		6,852	4,187	4,736
House Upkeep & Repairs		4,530	4,634	3,939
Furniture - Equipment		284	1,578	1,092
Personal - Recreation		13,954	10,987	10,206
Education		1,684	671	820
Child Care		390	0.1	596
Clothing		3,164	1,150	1,497
Gifts		2,078	3,973	3,043
Contributions		2,076	4,092	3,473
Doctor - Other Medical		4,674	5,315	4,568
		8,215	8,376	4,568
Health Insurance				
Life Insurance		1,817 780	3,193	2,939
Auto Expense			1,304	1,142
Utilities - Telephone		1,393	1,663	1,401
Bank Interest			4	3
Miscellaneous Expense Total Family Living		\$59,958	\$59,087	\$55,801
Taxes Income - Self-Employment Tax		5,193	9,710	8,711
Total Family Living & Taxes		\$65,151	\$68,797	\$64,511

Southwest Kansas Farm Management Association Family Living Analysis, 2002-2017



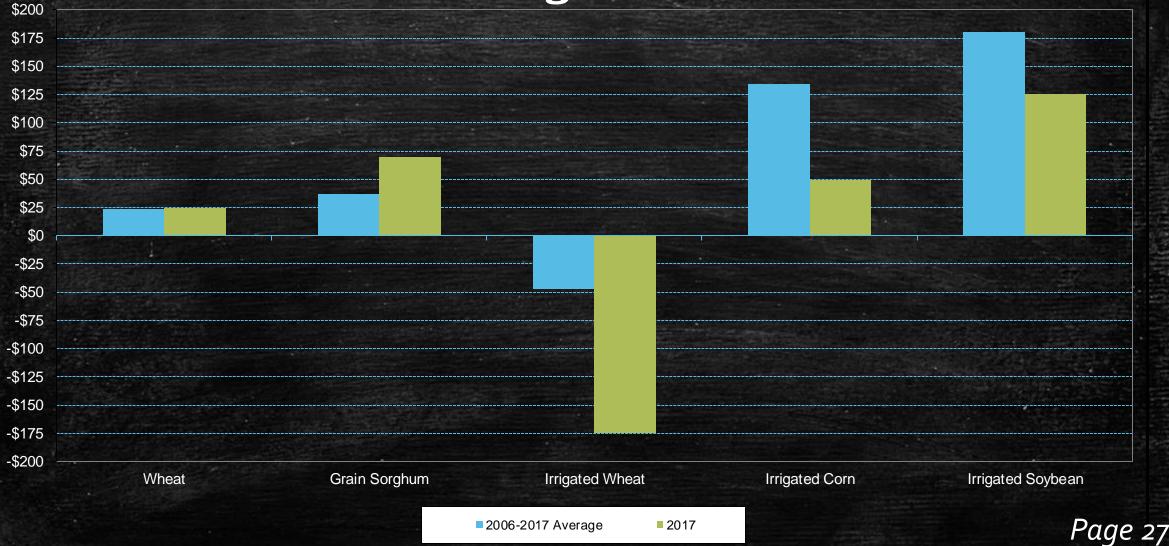
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KEMA-SW 2017

Enterprise

Summary book, page 26

Southwest Kansas Farm Management Association Crop Enterprise Net Return to Labor and Management



Enterprise pages (beginning on pg 28)

Dryland Wheat

Irrigated Wheat

Irrigated Soybeans

Dryland Milo

Irrigated Corn

Cow-Calf

Beef Backgrounding

Beef Background/Finishing

Enterprise pages (beginning on pg 28)

2017 Data - Southwest Kansas Enterprise Summary

Manuals and af Dama

Kansas Farm Management Association Annual ProfitLink Summary Non-Irrigated All Tillage Grain Sorghum

Number of Farms	1/
Crop Acres	632
Acres Owned	124
Acres Rented	507
Yield/Acre	92.00
Operator Leentage	75.60 %
Gross Incoln 'Acre	\$265.55
Variable Cost/A, re	\$162.17
Total Expense/Act	\$225.56
Gross Income/Bushe	\$3.82
Total Expense/Bushels	\$3.24

Top half:

- What Crop
- Avg Crop Acres farmed
- AvgYield/Acre
- Income/Expense summary

	Bushels	Total \$	\$/Bushel	\$/Acre
INCOME				
Grain Sorghum (Operators Share)	43,905	\$142,214.90	\$3.24	\$225.17
Patronage Refunds		1,417,87		
Government Payments		16,784,97		
Crop Insurance Proceeds		7,166,76		
Grain Futures		131.64		
Total Other Income		\$25,501.24	0.58	40.38
GROSS INCOME		\$167,716.14	\$3.82	\$265.55
EXPENSE		,.		
Labor Hired		1,986,71	0.05	3.15
General Machinery Repairs		14,789,53	0.34	23.42
Interest Paid		4,926,76	0.11	7.80
Gas, Fuel, Oil		5,767.24	0.13	9.13
Auto Expense		264,99	0.01	0.42
Fees, Publications, Travel		1,370.04	0.03	2.17
Personal Property Tax		309.57	0.01	0.49
General Farm Insurance		2.690.46	0.06	4.26
Conservation		267.87	0.01	0.42
Utilities		1,233,21	0.03	1.95
Indirect Expenses		\$33,606,37	0.77	53.2
Seed/Other Crop Expense		6,768.12	0.15	10.72
Crop Insurance		8,541.02	0.19	13.52
Fertilizer/Lime		17,808.95	0.41	28.20
Machine Hire - Lease		8,221,91	0.19	13.02
Misc Crop Expense		921.60	0.02	1.46
Cash Farm Rent		3.662.33	0.08	5.80
Herbicide, Insecticide		22,892.95	0.52	36.25
Direct Expenses		\$68,816.88	1.57	108.96
Total Variable Costs		\$102,423.25	2.33	162.17
Return Above Variable Costs		\$65,292.90	\$1,49	\$103.38
Depreciation		9,418,51	0.21	14.91
Real Estate Tax		1.302.17	0.03	2.06
Unpaid Operator Labor		16,913,84	0.39	26.78
Interest Charge *		3.383.57	0.08	5.36
Land Charge **		9,022.22	0.21	14.28
Total Fixed Costs		\$40.040.30	0.91	63.40
TOTAL EXPENSE		\$142,463.55	\$3.24	\$225.50
NET RETURN TO MANAGEMENT		\$25,252.59	\$0.58	\$39.98
NET RETURN TO LABOR-MANAGEMENT		\$44,153.14	\$1.01	\$69.91
TOTAL MACHINERY COST		\$37.634.85	\$0.86	\$59.59

Enterprise pages (beginning on pg 28)

2017 Data - Southwest Kansas Enterprise Summary

Kansas Farm Management Association Annual ProfitLink Summary Non-Irrigated All Tillage Grain Sorghum

Number of Farms	17
Crop Acres	632
Acres Owned	124
Acres Rented	507
Yield/Acre	92.00
Operator Percentage	75.60 %
Gross Income/Acre	\$26F J5
Variable Cost/Acre	\$1,2.17
Total Expense/Acre	¢225.56
Gross Income/Bushels	\$3.82
Total Expense/Bushels	\$3.2/

Bottom half:

- \$/Bu OR \$/Acre
- Avg Price crop sold at
- Income Details
- Expense Details
 - Variable & Fixed
- Net Return to Labor-Mgmt

	Bushels	Total \$	\$/Bushel	\$/Acre
INCOME				
Grain Sorghum (Operators Share)	43,905		\$3.24	\$225.17
Patronage Refunds		1,417.87		
Government Payments		16,784,97		
Crop Insurance Proceeds		7,160		
Grain Futures		131.64		
Total Other Income		\$25,501.24	0.58	40.38
GROSS INCOME		\$167,716,14	\$3.82	\$265.55
EXPENSE		•••••		
Labor Hired		1,986.71	0.05	3.15
General Machiner		14,789.53	0.34	23.42
Interest Pri		4,926.76	0.11	7.80
Ger uel, Oil		5,767,24	0.13	9.13
Auto Expense		264.99	0.01	0.42
Fees, Publications, Trave		1,370.04	0.03	2.17
Personal Property as		309.57	0.01	0.49
General Factorisurance		2.690.46	0.06	4.26
Contration		267.87	0.01	0.42
vulties		1,233,21	0.03	1.95
Indirect Expenses		\$33,606,37	0.77	53.21
Seed/Other Crop Expense		6,768,12	0.15	10.72
Crop Insurance		8.541.02	0.19	13.52
Fertilizer/Lime		17,808.95	0.41	28.20
Machine Hire - Lease		8,221,91	0.19	13.02
Misc Crop Expense		921.60	0.02	1.46
Cash Farm Rent		3.662.33	0.08	5.80
Herbicide, Insecticide		22,892.95	0.52	36.25
Direct Expenses		\$68,816,88	1.57	108.96
Total Variable Costs		\$102,423.25	2.33	162.17
Return Above Variable Costs		\$65,292,90	\$1.49	\$103.38
Depreciation		9,418.51	0.21	14.91
Real Estate Tax		1.302.17	0.03	2.06
Unpaid Operator Labor		16,913.84	0.39	26.78
Interest Charge *		3.383.57	0.08	5.36
Land Charge **		9.022.22	0.21	14.28
Total Fixed Costs		\$40.040.30	0.91	63.40
TOTAL EXPENSE		\$142,463.55	\$3.24	\$225.56
NET RETURN TO MANAGEMENT		\$25,252.59	\$0.58	\$39.98
NET RETURN TO LABOR-MANAGEMENT		\$44,153.14	\$1.01	\$69.91
TOTAL MACHINERY COST		\$37,634.85	\$0.86	\$59.59

Average Yields:

Crop	Avg Yield	Avg Price
Dry Wheat	44.25	\$3.78
Dry Milo	92	\$3.24
Irr Wheat	53.82	\$4.00
Irr Corn*	211	\$3.19
Irr Soybeans	60.31	\$8.79



Cow Herd - Calves



95% Calves weaned per cow Calf Price (CWT) \$148.54 Avg weight sold 556 lbs 17.26 pasture acres per cow Feed cost per cow = \$457.56 Average Net Return to Labor & Mgmt = (\$236.34) per cow

Page 41

Beef Backgrounding



 Avg Gain 334lb Avg weight sold 870 lbs Avg Purchase/CWT \$159.89 Avg Sell/CWT \$134.31 Feed Cost/CWT \$61.23 Average Net Return to Labor & Mgmt = \$5.99 per head

Beef Backgrounding/Finishing



Avg Gain 767 lb

- Avg weight sold 1,280 lbs
- Avg Purchase/CWT \$151.60
- Avg Sell/CWT \$116.76
- Feed Cost/CWT \$57.40
- Average Net Return to Labor & Mgmt = \$149 per head

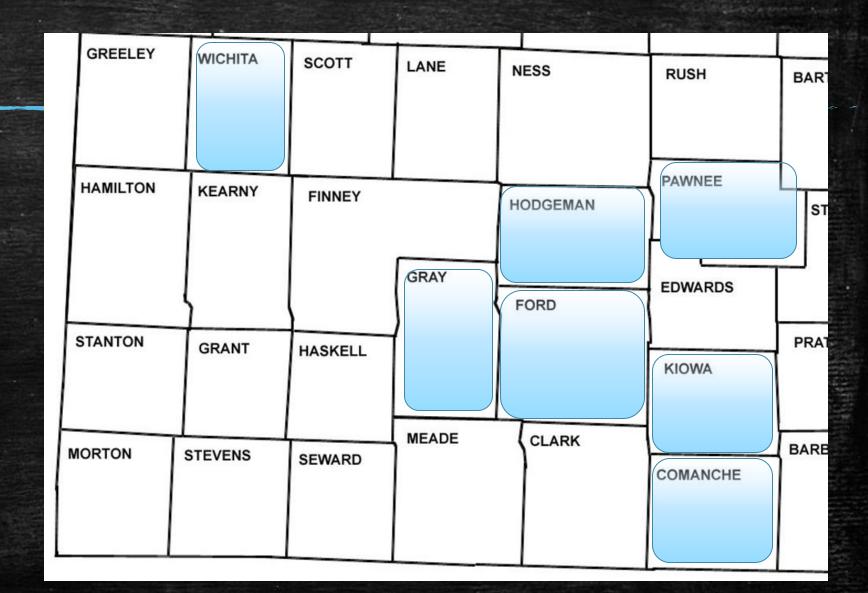
KFMA-SW 2017

County Specific

Summary book, page 43

Counties:

- Comanche
- Ford
- Gray
- Hodgeman
- Kiowa
- Pawnee
- Wichita



Ford, pg 48

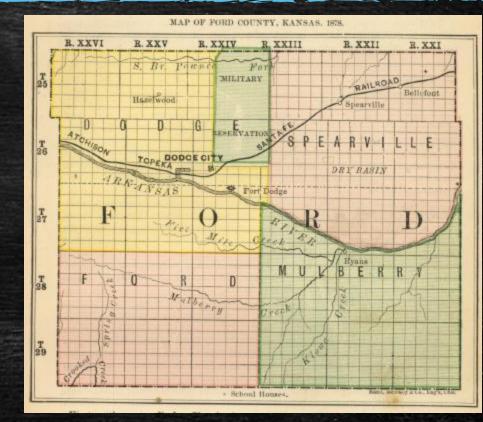
NFI: \$133,353

- and	county	Benchmarks 2017	
Ford			
	County Avg		
Current Ratio	1.3380	2.0	1.25 or less
Working Capital Ratio	0.1860	50%	• 20% or less
Debt to Asset Ratio	0.2797	0.40	0.70 or more
Operating Profit Margin Ratio	0.1672	0.20	0.10 or less
Rate of Return on Farm Assets	4.44%	5% •	1% or less
Rate of Return on Farm Equity	4.66%	8%	4% or less
Operating Expense Ratio	0.6441	0.62	0.72 or more
Interest Expense Ratio	0.0441	0.07	0.11 or more
Depreciation Expense Ratio	0.1057	0.04 0.08	0.11 or more
Net Farm Income Ratio	0.2061	0.20	0.10 or less
	Current Ratio Working Capital Ratio Debt to Asset Ratio Operating Profit Margin Ratio Rate of Return on Farm Assets Rate of Return on Farm Equity Operating Expense Ratio Interest Expense Ratio Depreciation Expense Ratio	Working Capital Ratio0.1860Debt to Asset Ratio0.2797Operating Profit Margin Ratio0.1672Rate of Return on Farm Assets4.44%Rate of Return on Farm Equity4.66%Operating Expense Ratio0.6441Interest Expense Ratio0.0441Depreciation Expense Ratio0.1057	Current Ratio1.33802.0Working Capital Ratio0.186050%Debt to Asset Ratio0.27970.40Operating Profit Margin Ratio0.16720.20Rate of Return on Farm Assets4.44%5%Rate of Return on Farm Equity4.66%8%Operating Expense Ratio0.64410.62Interest Expense Ratio0.10570.040.08Net Farm Income Ratio0.20610.2061

County Avg

Ford Details, pg 50-51

VFP \$647,026
Operating Exp \$416,765
Total Exp \$513,673
NFI \$133,353
Family Living \$64,511



- Net Worth increased \$134,279
- Debt decreased \$74,064 (most was LT)

Ford County Summary



1) Working Capital ratio 18%

2) Current Ratio 1.34
3) Operating Profit Margin 0.1672
4) ROA 4.44%
5) ROE 4.66%

Gray, pg 52

NFI: \$132,234

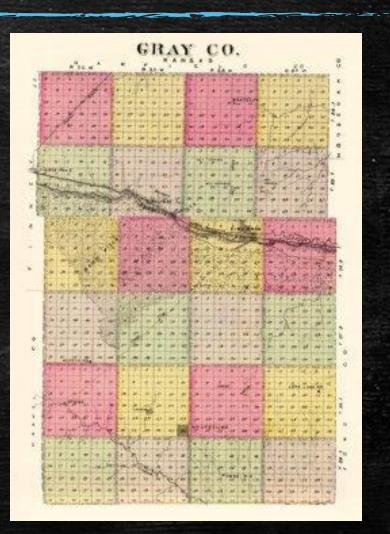
	I I		anagement Association Benchmarks 2017		
SW GY	Gray				
		County Avg			
Liquidity	Current Ratio	2.2914	2.0	1.25 or less	
	Working Capital Ratio	0.4510	50%	• 20% or less	
Solvency	Debt to Asset Ratio	0.2188	0.40	0.70 or more	
Profitability Rate of Assets	Operating Profit Margin Ratio	0.1334	0.20	0.10 or less	
	Rate of Return on Farm Assets	3.50%	• 5%	1% or less	
	Rate of Return on Farm Equity	2.90%	8%	4% or less	
Efficiency	Operating Expense Ratio	0.6484	0.62 • 0.72 or 1		
	Interest Expense Ratio	0.0488	0.07	0.11 or more	
	Depreciation Expense Ratio	0.0920	0.04 0.08 0.11 or more		
	Net Farm Income Ratio	0.2108	0.20	0.10 or less	

County Avg

Gray Details, pg 54-55

VFP \$627,403
Operating Exp \$406,818
Total Exp \$495,169
NFI \$132,234
SE Family Living \$66,989

Net Worth increased \$203,670
Debt decreased \$36,697



Gray County Summary

Areas to monitor:



Working Capital ratio 45%
 Operating Expense 65¢/\$1
 Operating Profit Margin 0.1334
 ROA 3.5%
 ROE 2.9%

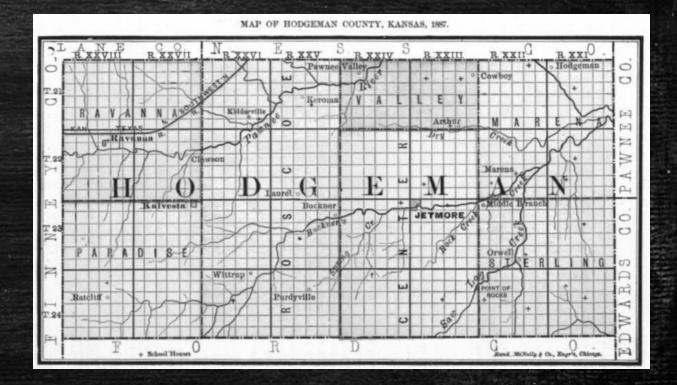
Hodgeman, pg 56

NFI: \$58,171

Solvency Debt to Asset Ratio 0.1253 0.40 0.70 or mo Profitability Operating Profit Margin Ratio -0.0437 0.20 0.10 or less Profitability Rate of Return on Farm Assets -0.74% 5% 1% or less Rate of Return on Farm Equity -1.25% 8% 4% or less				Aanagement Associatio Benchmarks 2017	on	
LiquidityCurrent Ratio3.45072.01.25 or lessWorking Capital Ratio0.838050%20%SolvencyDebt to Asset Ratio0.12530.400.70 or modelProfitabilityOperating Profit Margin Ratio-0.04370.200.10 or lessProfitabilityRate of Return on Farm Equity-0.74%5%1% or lessRate of Return on Farm Equity-1.25%8%4% or less	SW HG	Hodgeman				
Liquidity2.01.25 or lessWorking Capital Ratio0.838050%20%SolvencyDebt to Asset Ratio0.12530.400.70 or moProfitabilityOperating Profit Margin Ratio-0.04370.200.10 or lessProfitabilityRate of Return on Farm Assets-0.74%5%1% or lessRate of Return on Farm Equity-1.25%8%4% or less			County Avg			
Working Capital Ratio0.838050%20%SolvencyDebt to Asset Ratio0.12530.400.70 or moOperating Profit Margin Ratio-0.04370.200.10 or lessProfitabilityRate of Return on Farm Assets-0.74% 1% or less5%1% or lessRate of Return on Farm Equity-1.25% 8%8%4% or less	Liquidity	Current Ratio	3.4507	2.0		1.25 or less
Profitability Operating Profit Margin Ratio -0.0437 0.20 0.10 or less Profitability Rate of Return on Farm -0.74% 5% 1% or less Rate of Return on Farm -1.25% 8% 4% or less Operating Expense Ratio 0.7785 0.000		Working Capital Ratio	0.8380	• 50%		20% or less
Profitability Rate of Return on Farm Assets -0.74% 5% 0.10 or less Rate of Return on Farm Equity -1.25% 8% 4% or less	Solvency	Debt to Asset Ratio	0.1253	• 0.40		0.70 or more
Profitability Assets -0.74% Rate of Return on Farm -1.25% Equity -1.25% Operating Expense Ratio 0.7785	Profitability	Operating Profit Margin Ratio	-0.0437	0.20	•	0.10 or less
Equity -1.25% 8% 4% or less			-0.74%	5%	• 1% or less	
Operating Expense Ratio 0.7785			-1.25%	8%	•	4% or less
	Efficiency	Operating Expense Ratio	0.7785	0.62		• 0.72 or more
Interest Expense Ratio 0.0213 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.		Interest Expense Ratio	0.0213		0.11 or	more
Depreciation Expense Ratio 0.0788		Depreciation Expense Ratio	0.0788	0.04 0.08	0.11 or	more
Net Farm Income Ratio 0.1215 0.20 0.10 or less		Net Farm Income Ratio	0.1215	0.20	•	0.10 or less

Hodgeman Details, pg 58-59

VFP \$478,924
Operating Exp \$372,820
Total Exp \$420,753
NFI \$58,171
SE Family Living \$66,989



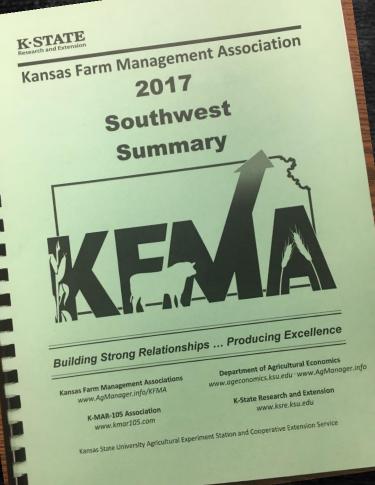
- Net Worth increased \$43,968
- Debt increased \$33,548

Hodgeman County Summary



1) Operating Expense 78¢/\$1
 2) Operating Profit Margin -0.0437
 3) ROA -0.74%
 4) ROE -1.25%
 5) Debt

2017 KFMA-SW Summary



- Positive outlook
- Improvements over previous years

- Increased utilization & awareness
- Better decision making
- Producing Excellence

Thank You!

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