Executive Summary Edition

2016

Farm

Analysis

Report of

Moorhead

This is the 41st edition of this report published by the Northland College-Moorhead MN. Farm Business Management Department. The original numbers for this report came from records kept by each farm family enrolled in the farm management education program provided by Northland Community and Technical College, Thief River Falls, MN.

In 2016, 68 farms (with an equivalent of **68** full-time operators), located mainly in western Clay and Norman counties, Minnesota, were included in the averages. The average farmer was 47.7 years old with 24.6 years of farming experience. Farms averaged 1836.1 acres per operator with 464 acres of that owned. Soybeans generated the largest gross dollar amount per farm (\$312,155). Sugarbeets (\$228,435) stayed in 2nd ahead of Corn (\$150,321). Wheat followed closely at (\$140,837). The largest single expense was land rent (\$185,722) per farm, down 6.3% from last year. Seed expense stayed in 2nd at (\$123,6529). Fertilizer (\$98,357), Chemicals (\$68,178) and Repairs (\$64,977) were the next three expenses.

Net Farm Income (\$158,418) was 7.02% lower than the five year average, but 49.7% higher than 2015. Much of the profit was due to excellent yields on the 2016 crops along with reduction in expense items. On average, producers generated (\$79,207) above what their financial commitments (accrual farm expenses, family living draws and scheduled principal payments) were for 2016.

Information about our Farm Business Management program and other financial reports can be found at our website: **www.NorthlandFBM-Moorhead.com**

For more information contact:

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Statement of Cash F	lows - Total of 68	Farms in Anal	ysis Report
Soybeans	\$21,226,540		
Sugarbeets	\$15,533,580		
Corn	\$10,221,828		
Wheat	\$9,576,916		
Other Crops	\$2,890,748		
•			
Government Pymts	\$1,652,876		
Remaining Farm Income	\$7,674,820		
Total Cash Farm Income		\$68,777,308	
Fertilizer	\$6,688,276		
Land Rent	\$12,629,096		
Seed	\$8,408,336		
Chemicals	\$4,636,104		
Repairs	\$4,418,436		
Fuel	\$2,101,880		
Crop Insurance	\$2,271,880		
•			
Remaining Farm Expenses	\$14,802,036		
Total Farm Expense		(\$55,956,044)	
Net Cash from Hedging		\$203,184	
Net Nonfarm Income		\$2,050,336	
Apparent Family Living Income & SS Tax Paid		(\$5,966,320) (\$1,206,048)	
Cash From Operating Activities			\$7,902,416
Sale of Machinery Sale of Farm Land	\$588,404		
Sale of Other Farm Assets	\$1,122,680		
Sale of Nonfarm Assets	\$375,700		
Total Sales of Assets		\$2,086,784	
Divide a control of Manhimania	(# 4 000 040)		
Purchase of Machinery	(\$4,260,812)		
Purchase of Farm Land	(\$2,559,044)		
Pur of Farm Bldgs/Tiling	(\$798,864)		
Pur of Other Farm Assets	(\$1,074,876)		
Pur of Nonfarm Assets	(\$1,029,588)		
Total Purchase of Assets		(\$9,723,184)	
Cash From Investing Activities			(\$7,636,400)
Money Borrowed		\$34,288,116	
Principal Payments		(\$37,607,400)	
Gifts & Inheritances		\$158,236	
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Net change in cash balance:

Cash From Financing Activities

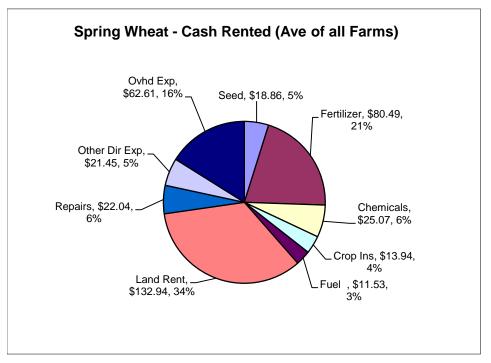
(\$2,895,032)

(\$3,161,048)

Inventory Change: \$3,159,756

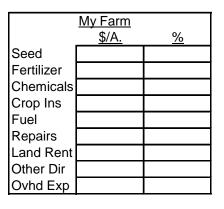
Farm Financial Scorecard



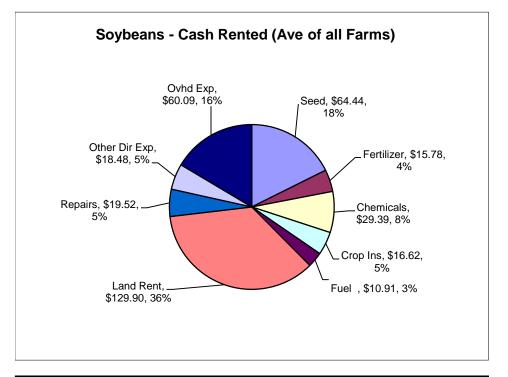


	2012	2013	2014	<u>2015</u>	<u>2016</u>
Yield	63.79	66.31	70.73	75.50	69.20
**Total Costs/Acre	\$401.81	\$425.55	\$438.94	\$409.59	\$388.92
Total Costs/Bu	\$6.30	\$6.42	\$6.21	\$5.43	\$5.62

^{**-}does not include principal pymts or personal draw



	My Farm	_
Yield		
Costs/A.		
Costs/bu.		

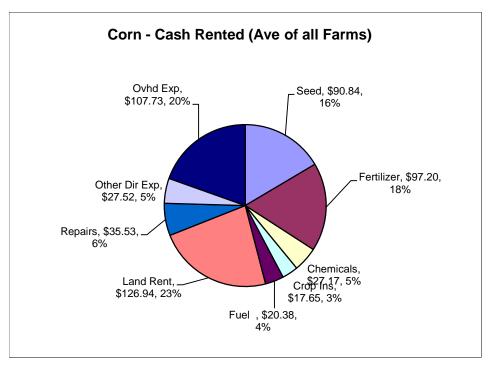


	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>
Yield	39.28	35.34	40.27	44.61	46.00
**Total Costs/Acre	\$350.68	\$370.90	\$393.39	\$368.74	\$365.12
Total Costs/Bu	\$8.93	\$10.50	\$9.77	\$8.27	\$7.94

^{**-}does not include principal pymts or personal draw

	My Farm \$/A.	%
Seed		_
Fertilizer		
Chemicals		
Crop Ins		
Fuel		
Repairs		
Land Rent		
Other Dir		
Ovhd Exp		

	My Farm	
Yield		
Costs/A.		
Costs/Bu.		

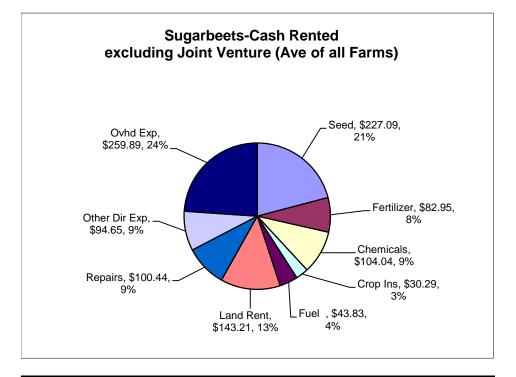


	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>
Yield	134.29	129.13	139.78	158.54	182.04
**Total Costs/Acre	\$592.46	\$626.80	\$644.96	\$596.65	\$558.31
Total Costs/Bu	\$4.41	\$4.85	\$4.61	\$3.76	\$3.07

^{**-}does not include principal pymts or personal draw

	My Farm	
	\$/A.	<u>%</u>
Seed		
Fertilizer		
Chemicals		
Crop Ins		
Fuel		
Repairs		
Land Rent		
Other Dir		
Ovhd Exp		

	My Farm	_
Yield		
Costs/A.		
Costs/Bu.		



	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>
Yield	26.97	25.45	22.56	28.69	33.10
**Total Costs/Acre	\$1,063.64	\$1,087.71	\$1,073.95	\$1,066.98	\$1,086.40
Total Costs/Ton	\$39.44	\$42.74	\$47.60	\$37.19	\$32.82

^{**-}does not include principal pymts or personal draw

	My Farm \$/A.	%
Seed		_
Fertilizer		
Chemicals		
Crop Ins		
Fuel		
Repairs		
Land Rent		
Other Dir		
Ovhd Exp		

	My Farm	
Yield		
Costs/A.		
Costs/T.		