Executive Summary Edition

2017

Farm

Analysis

Report of

Moorhead

This is the 42nd 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 2017, 74 farms (with an equivalent of **81** full-time operators), located mainly in western Clay and Norman counties, Minnesota, were included in the averages. The average farmer was 47.8 years old with 24.9 years of farming experience. Farms averaged 1857.7 acres per farm with 425.1 acres of that owned. Soybeans generated the largest gross dollar amount per farm (\$264,349). Sugarbeets (\$250,496) stayed in 2nd ahead of Wheat (\$204,847). Corn followed closely at (\$191,660). The largest single expense was land rent (\$195,301) per farm, up 5.2% from last year. Seed expense stayed in 2nd at (\$143,491). Fertilizer (\$102,696), Chemicals (\$92,508) and Hired Labor (\$75,993) were the next three expenses.

Net Farm Income (\$108,593) was 28.0% higher than the five year average, but 31.4% lower than 2016. Much of the profit was due to some better wheat yields and prices along with sugarbeet prices improving from 2016. On average, producers generated (\$28,879) above what their financial commitments (accrual farm expenses, family living draws and scheduled principal payments) were for 2017.

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:

Ron Dvergsten& Josh Tjosaas
Farm Bus. Mgt. Instructors
NCTC-Moorhead Minnesota
(218) 299-5827 or (218) 299-5863
Ron.Dvergsten@northlandcollege.edu
Josh.Tjosaas@northlandcollege.edu



Statement of Cash F	lows - Total of 74	Farms in Ana	lysis Report
Soybeans	\$19,561,826		•
Sugarbeets	\$18,436,704		
Corn	\$14,182,840		
Wheat	\$15,158,678		
Other Crops	\$4,599,988		
Government Pymts	\$1,574,572		
Remaining Farm Income	\$8,422,014		
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Total Cash Farm Income		\$81,936,622	
Fertilizer	\$7,599,504		
Land Rent	\$14,452,274		
Seed	\$10,618,334		
Chemicals	\$6,845,592		
Repairs	\$5,479,256		
Fuel	\$2,767,600		
Crop Insurance	\$2,757,388		
Remaining Farm Expenses	\$18,914,548		
Total Farm Expense		(\$69,434,496)	
Net Cash from Hedging		\$66,526	
Net Nonfarm Income		\$2,019,460	
Apparent Family Living		(\$6,314,420)	
Income & SS Tax Paid		(\$1,545,046)	
Cash From Operating Activities			\$6,728,646
Sale of Machinery	\$567,062		
Sale of Farm Land	\$642,246		
Sale of Other Farm Assets	\$150,294		
Sale of Nonfarm Assets	\$670,366		
Total Sales of Assets		\$2,020,069	
Total Sales Of Assets		\$2,029,968	
Purchase of Machinery	<i>(\$6,816,954)</i>		
Purchase of Farm Land	(\$3,734,484)		
Pur of Farm Bldgs/Tiling	(\$961,408)		
Pur of Other Farm Assets	(\$1,989,120)		
Pur of Nonfarm Assets	(\$1,902,836)		
Total Purchase of Assets		(\$15,404,802)	
Cash From Investing Activities			(\$13,374,834)
Money Borrowed		\$41,527,172	
Principal Payments		(\$36,079,070)	
Gifts & Inheritances		\$264,994	
Cash From Financing Activities			\$5,713,096

Net change in cash balance:

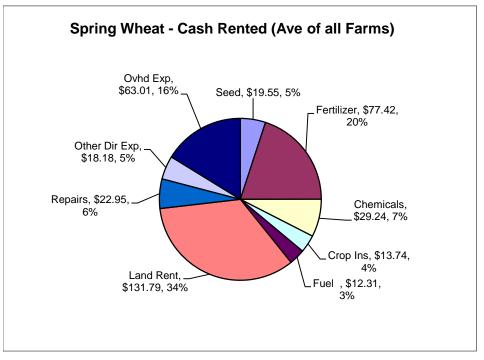
(\$933,092)

Inventory Change:

\$1,125,096

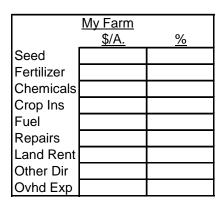
Farm Financial Scorecard



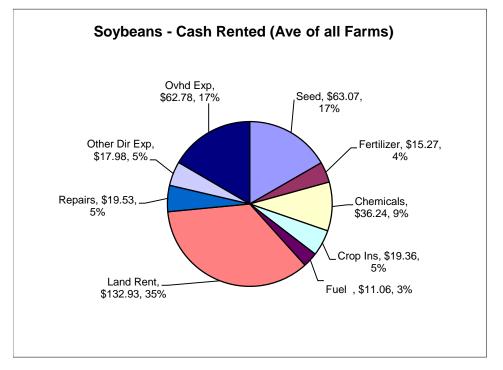


	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
Yield	66.31	70.73	75.50	69.20	73.41
**Total Costs/Acre	\$425.55	\$438.94	\$409.59	\$388.92	\$388.20
Total Costs/Bu	\$6.42	\$6.21	\$5.43	\$5.62	\$5.29

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



	<u>My Farm</u>	
Yield		
Costs/A.		
Costs/bu.		

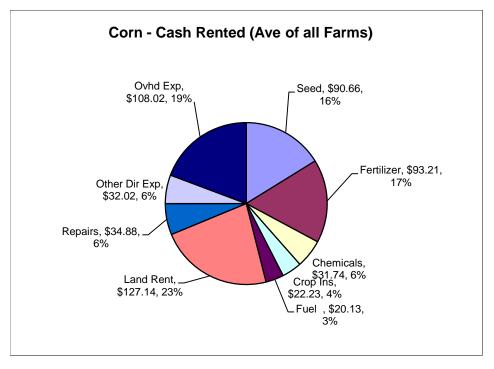


	<u>2013</u>	2014	<u>2015</u>	2016	2017
Yield	35.34	40.27	44.61	46.00	36.59
**Total Costs/Acre	\$370.90	\$393.39	\$368.74	\$365.12	\$378.22
Total Costs/Bu	\$10.50	\$9.77	\$8.27	\$7.94	\$10.34

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

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

	My Farm	
Yield		
Costs/A.		
Costs/Bu.		

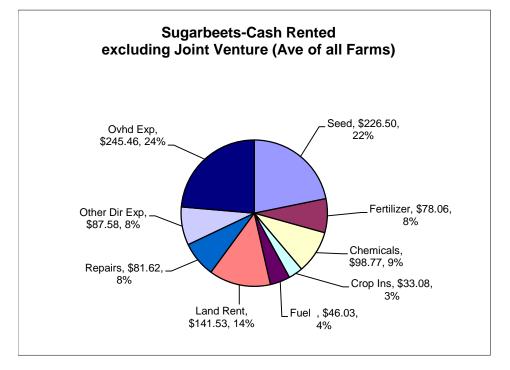


	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
Yield	129.13	139.78	158.54	182.04	168.11
**Total Costs/Acre	\$626.80	\$644.96	\$596.65	\$558.31	\$560.04
Total Costs/Bu	\$4.85	\$4.61	\$3.76	\$3.07	\$3.33

^{**-}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		

	<u>My Farm</u>	
Yield		
Costs/A.		
Costs/Bu.		



	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
Yield	25.45	22.56	28.69	33.10	31.47
**Total Costs/Acre	\$1,087.71	\$1,073.95	\$1,066.98	\$1,086.40	\$1,038.63
Total Costs/Ton	\$42.74	\$47.60	\$37.19	\$32.82	\$33.00

**-does not include principal pymts or personal draw

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

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