

NORTH CENTRAL KANSAS FARM MANAGEMENT ASSOCIATION
PROFIT CENTER ANALYSIS: 2006 & 2007
NONIRRIGATED SORGHUM SILAGE

	2006	2007
Number of Farms	7	8
Crop Acres	31	65
Acres Owned	14	45
Acres Rented	17	20
Yield / Acre	16.12	14.72
Tons	446	896
Operator Percentage	89.25%	93.65%
Gross Income / Acre	\$326.46	\$301.98
Variable Costs / Acre	\$215.81	\$128.93
Total Expense / Acre	\$333.76	\$254.85
Gross Income / Ton	\$22.69	\$21.91
Total Expense / Ton	\$23.20	\$18.49

	Total Dollars	\$/Ton	\$/Acre	Total Dollars	\$/Ton	\$/Acre
INCOME:						
Silage (Operator's Share)	\$9,738.94	\$21.84	\$314.16	\$19,200.47	\$21.43	\$295.39
Patronage Refunds	\$20.09	0.05	0.65	\$7.12	0.01	0.11
Government Payments	\$353.86	0.79	11.41	\$409.09	0.46	6.29
Miscellaneous Income	\$7.27	0.02	0.23	\$12.04	0.01	0.19
OTHER INCOME	\$381.22	\$0.85	\$12.30	\$428.25	\$0.48	\$6.59
GROSS INCOME	\$10,120.16	\$22.69	\$326.46	\$19,628.72	\$21.91	\$301.98
EXPENSES:						
Labor Hired	\$642.01	\$1.44	\$20.71	\$315.74	\$0.35	\$4.86
General Machinery Repairs	\$402.42	0.90	12.98	\$922.46	1.03	14.19
Interest Paid	\$119.80	0.27	3.86	\$638.44	0.71	9.82
Seed / Other Crop Expense	\$433.83	0.97	13.99	\$633.58	0.71	9.75
Fertilizer / Lime	\$680.14	1.52	21.94	\$1,699.48	1.90	26.15
Machine Hire - Lease	\$3,287.01	7.37	106.03	\$1,884.38	2.10	28.99
Farm Org Fees / Travel / Publ	\$34.99	0.08	1.13	\$54.93	0.06	0.85
Gas / Fuel / Oil	\$367.46	0.82	11.85	\$718.45	0.80	11.05
Crop Storage & Marketing	\$0.00	0.00	0.00	\$0.00	0.00	0.00
Personal Property Tax	\$13.60	0.03	0.44	\$33.11	0.04	0.51
General Farm Insurance	\$62.77	0.14	2.02	\$148.01	0.17	2.28
Utilities	\$52.04	0.12	1.68	\$57.06	0.06	0.88
Cash Farm Rent	\$250.86	0.56	8.09	\$427.55	0.48	6.58
Herbicide / Insecticide	\$317.92	0.71	10.26	\$838.40	0.94	12.90
Conservation	\$0.00	0.00	0.00	\$0.00	0.00	0.00
Auto Expense	\$25.26	0.06	0.81	\$9.03	0.01	0.14
TOTAL VARIABLE COSTS	\$6,690.11	\$15.00	\$215.81	\$8,380.62	\$9.35	\$128.93
RETURN ABOVE VARIABLE COSTS	\$3,430.05	\$7.69	\$110.65	\$11,248.10	\$12.55	\$173.05
Depreciation	\$658.88	1.48	21.25	\$1,053.35	1.18	16.21
Real Estate Tax	\$116.79	0.26	3.77	\$324.45	0.36	4.99
Unpaid Operator Labor	\$617.14	1.38	19.91	\$2,096.88	2.34	32.26
Interest Charge *	\$485.26	1.09	15.65	\$163.16	0.18	2.51
TOTAL FIXED COSTS	\$1,878.07	\$4.21	\$60.58	\$3,637.84	\$4.06	\$55.97
Land Charge **	\$1,778.30	\$3.99	\$57.36	\$4,547.05	\$5.07	\$69.95
TOTAL EXPENSE	\$10,346.48	\$23.20	\$333.76	\$16,565.51	\$18.49	\$254.85
NET RETURN TO MANAGEMENT	(\$226.32)	(\$0.51)	(\$7.30)	\$3,063.21	\$3.42	\$47.13
NET RETURN TO LABOR-MGT	\$1,032.83	\$2.32	\$33.32	\$5,475.83	\$6.11	\$84.24

*Interest charge equals: ((8.0% times three-fourths the variable costs minus interest paid) plus (4.0% times depreciation times 8)) minus cash interest paid.

**Land charge represents a charge (equal to landlord's share) on owned land and equals (production from owned acres X price / unit X 33.33%). Crop production paid to the landlord on rented land (already removed above), or cash rent is the charge on rented land.

This crop enterprise is based on the operator's share of production, and thus includes only production expenses paid by the operator. A charge for management is not included in the expenses.