

**Crop Enterprise Analysis**  
**North Dakota Farm Business Management Education Program**  
**State Report, 2006**  
**(Farms Sorted By Net Return)**

**Hay, Grass on Cash Rent**

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	49	7	8	8
Number of farms	33	6	6	7
Acres	111.24	72.70	248.75	88.14
Yield per acre (ton)	1.12	0.37	1.51	1.55
Operators share of yield %	100.00	100.00	100.00	100.00
Value per ton	29.49	30.76	25.60	34.00
Other product return per acre	0.09	0.78	-	-
Total product return per acre	33.14	12.07	38.77	52.68
Miscellaneous income per acre	0.14	0.14	-	-
Gross return per acre	33.28	12.21	38.77	52.68
<b>Direct Expenses</b>				
Fuel & oil	9.47	9.83	11.23	8.55
Repairs	10.80	15.72	13.81	5.78
Land rent	9.09	10.59	9.27	6.70
Operating interest	2.57	5.01	2.17	2.82
Miscellaneous	1.06	-	1.35	1.23
Total direct expenses per acre	32.99	41.15	37.84	25.07
Return over direct exp per acre	0.29	-28.94	0.93	27.61
<b>Overhead Expenses</b>				
Custom hire	0.07	-	-	0.55
Hired labor	1.71	1.04	2.91	0.50
Machinery leases	0.22	1.07	0.03	0.65
Farm insurance	0.91	1.11	0.57	0.95
Utilities	0.85	1.05	0.50	0.47
Interest	1.49	1.48	1.52	1.00
Mach & bldg depreciation	6.23	4.93	6.48	6.74
Miscellaneous	1.77	0.67	1.65	1.60
Total overhead expenses per acre	13.25	11.36	13.66	12.46
Total dir & ovhd expenses per acre	46.24	52.51	51.49	37.54
Net return per acre	-12.95	-40.30	-12.72	15.15
Government payments	0.54	1.73	-	0.42
Net return with govt pmts	-12.41	-38.57	-12.72	15.57
Labor & management charge	8.76	8.49	6.26	12.48
Net return over lbr & mgt	-21.18	-47.06	-18.98	3.08
<b>Cost of Production</b>				
Total direct expense per ton	29.44	112.12	24.98	16.18
Total dir & ovhd exp per ton	41.26	143.09	34.00	24.22
Less govt & other income	40.57	135.87	34.00	23.95
With labor & management	48.39	159.01	38.13	32.01
Machinery cost per acre	27.84	32.82	32.47	22.66
Est. labor hours per acre	0.91	0.84	0.82	1.03