

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

**Hay, Alfalfa on Cash Rent**

	<u>Avg. Of All Farms</u>	<u>Low 20%</u>	<u>40 - 60%</u>	<u>High 20%</u>
Number of fields	71	12	13	11
Number of farms	50	10	10	10
Acres	76.91	69.28	77.45	93.47
Yield per acre (ton)	1.10	0.26	1.06	2.29
Operators share of yield %	100.00	100.00	100.00	100.00
Value per ton	50.40	44.09	43.79	53.85
Other product return per acre	1.08	0.31	-	3.78
Total product return per acre	56.70	11.68	46.45	126.95
Miscellaneous income per acre	4.59	8.02	10.01	-
Gross return per acre	61.30	19.70	56.46	126.95
<b>Direct Expenses</b>				
Seed	0.39	-	-	1.80
Fertilizer	1.68	-	2.21	4.82
Crop chemicals	0.49	-	-	2.25
Crop insurance	1.45	5.56	0.81	0.12
Fuel & oil	7.10	4.16	8.36	8.65
Repairs	6.18	4.31	7.75	7.15
Custom hire	0.18	-	-	0.64
Land rent	23.68	28.08	20.86	29.78
Operating interest	2.51	2.31	2.79	3.57
Miscellaneous	0.68	-	0.89	1.99
Total direct expenses per acre	44.35	44.41	43.67	60.78
Return over direct exp per acre	16.95	-24.71	12.80	66.17
<b>Overhead Expenses</b>				
Hired labor	1.34	0.46	2.53	1.40
Machinery leases	0.32	0.98	0.04	0.33
Farm insurance	1.52	1.60	1.34	1.69
Utilities	1.00	0.59	1.15	1.24
Dues & professional fees	0.60	0.49	0.49	0.45
Interest	3.26	6.58	2.31	2.88
Mach & bldg depreciation	5.83	3.63	8.00	6.28
Miscellaneous	2.22	5.63	1.83	1.59
Total overhead expenses per acre	16.08	19.97	17.69	15.87
Total dir & ovhd expenses per acre	60.43	64.38	61.36	76.65
Net return per acre	0.87	-44.68	-4.89	50.30
Government payments	6.43	3.22	8.68	6.50
Net return with govt pmts	7.30	-41.46	3.79	56.80
Labor & management charge	9.57	6.33	9.75	12.53
Net return over lbr & mgt	-2.27	-47.80	-5.97	44.27
<b>Cost of Production</b>				
Total direct expense per ton	40.17	172.25	41.16	26.57
Total dir & ovhd exp per ton	54.74	249.69	57.83	33.51
Less govt & other income	43.79	204.90	40.22	29.02
With labor & management	52.45	229.46	49.41	34.50
Machinery cost per acre	22.65	19.61	25.85	25.66
Est. labor hours per acre	0.93	0.49	0.91	1.13