

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

**Barley on Share Rent**

|                                    | <b>Avg. Of<br/>All Farms</b> |
|------------------------------------|------------------------------|
| Number of fields                   | 30                           |
| Number of farms                    | 20                           |
| Acres                              | 118.60                       |
| Yield per acre (bu.)               | 55.81                        |
| Operators share of yield %         | 68.37                        |
| Value per bu.                      | 2.56                         |
| Total product return per acre      | 97.74                        |
| Miscellaneous income per acre      | 1.31                         |
| Gross return per acre              | 99.05                        |
| <b>Direct Expenses</b>             |                              |
| Seed                               | 7.50                         |
| Fertilizer                         | 25.19                        |
| Crop chemicals                     | 15.29                        |
| Crop insurance                     | 6.86                         |
| Fuel & oil                         | 11.06                        |
| Repairs                            | 11.84                        |
| Custom hire                        | 1.91                         |
| Machinery leases                   | 0.36                         |
| Operating interest                 | 3.88                         |
| Total direct expenses per acre     | 83.89                        |
| Return over direct exp per acre    | 15.16                        |
| <b>Overhead Expenses</b>           |                              |
| Hired labor                        | 3.71                         |
| Machinery leases                   | 2.24                         |
| Building leases                    | 0.28                         |
| Farm insurance                     | 2.46                         |
| Utilities                          | 1.41                         |
| Dues & professional fees           | 1.05                         |
| Interest                           | 2.47                         |
| Mach & bldg depreciation           | 10.30                        |
| Miscellaneous                      | 1.83                         |
| Total overhead expenses per acre   | 25.76                        |
| Total dir & ovhd expenses per acre | 109.65                       |
| Net return per acre                | -10.59                       |
| Government payments                | 7.71                         |
| Net return with govt pmnts         | -2.88                        |
| Labor & management charge          | 14.02                        |
| Net return over lbr & mgt          | -16.90                       |
| <b>Cost of Production</b>          |                              |
| Total direct expense per bu.       | 2.20                         |
| Total dir & ovhd exp per bu.       | 2.87                         |
| Less govt & other income           | 2.64                         |
| With labor & management            | 3.00                         |
| Machinery cost per acre            | 39.49                        |
| Est. labor hours per acre          | 1.04                         |