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**Crop Enterprise Analysis**  
**(Farms Sorted By Net Return)**

**Sugar Beets on Owned Land Excluding Joint venture**

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|                                    | <u><b>Avg. Of<br/>All Farms</b></u> |
|------------------------------------|-------------------------------------|
| Number of fields                   | 15                                  |
| Number of farms                    | 15                                  |
| Acres                              | 116.07                              |
| Yield per acre (ton)               | 25.76                               |
| Operators share of yield %         | 100.00                              |
| Value per ton                      | 64.10                               |
| Total product return per acre      | 1,651.23                            |
| Gross return per acre              | 1,651.23                            |
| <b>Direct Expenses</b>             |                                     |
| Seed                               | 181.50                              |
| Fertilizer                         | 107.83                              |
| Crop chemicals                     | 97.66                               |
| Crop insurance                     | 32.89                               |
| Fuel & oil                         | 100.34                              |
| Repairs                            | 120.98                              |
| Custom hire                        | 4.67                                |
| Hired labor                        | 41.44                               |
| Machinery leases                   | 1.04                                |
| Hauling and trucking               | 2.50                                |
| Operating interest                 | 17.33                               |
| Miscellaneous                      | 2.20                                |
| Total direct expenses per acre     | 710.38                              |
| Return over direct exp per acre    | 940.86                              |
| <b>Overhead Expenses</b>           |                                     |
| Hired labor                        | 43.90                               |
| Machinery leases                   | 0.43                                |
| Building leases                    | 0.82                                |
| RE & pers. property taxes          | 21.37                               |
| Farm insurance                     | 7.18                                |
| Utilities                          | 11.18                               |
| Dues & professional fees           | 3.29                                |
| Interest                           | 55.99                               |
| Mach & bldg depreciation           | 124.38                              |
| Miscellaneous                      | 13.02                               |
| Total overhead expenses per acre   | 281.57                              |
| Total dir & ovhd expenses per acre | 991.94                              |
| Net return per acre                | 659.29                              |
| Government payments                | 12.71                               |
| Net return with govt pmts          | 672.00                              |
| Labor & management charge          | 124.58                              |
| Net return over lbr & mgt          | 547.43                              |
| <b>Cost of Production</b>          |                                     |
| Total direct expense per ton       | 27.58                               |
| Total dir & ovhd exp per ton       | 38.51                               |
| Less govt & other income           | 38.01                               |
| With labor & management            | 42.85                               |
| Net value per unit                 | 64.10                               |
| Machinery cost per acre            | 347.06                              |
| Est. labor hours per acre          | 5.76                                |

**Crop Enterprise Analysis**  
**(Farms Sorted By Net Return)**

**Sugar Beets on Cash Rent Excluding Joint venture**

|                                    | <u>Avg. Of<br/>All Farms</u> | <u>40 - 60%</u> | <u>High 20%</u> |
|------------------------------------|------------------------------|-----------------|-----------------|
| Number of fields                   | 27                           | 5               | 5               |
| Number of farms                    | 22                           | 5               | 5               |
| Acres                              | 193.98                       | 199.62          | 244.78          |
| Yield per acre (ton)               | 26.97                        | 26.09           | 29.31           |
| Operators share of yield %         | 100.00                       | 100.00          | 100.00          |
| Value per ton                      | 64.37                        | 62.57           | 66.83           |
| Total product return per acre      | 1,736.01                     | 1,632.57        | 1,958.78        |
| Gross return per acre              | 1,736.01                     | 1,632.57        | 1,958.78        |
| <b>Direct Expenses</b>             |                              |                 |                 |
| Seed                               | 185.18                       | 182.05          | 191.89          |
| Fertilizer                         | 108.12                       | 97.25           | 105.28          |
| Crop chemicals                     | 86.05                        | 105.66          | 66.69           |
| Crop insurance                     | 28.81                        | 28.41           | 24.42           |
| Fuel & oil                         | 82.63                        | 70.01           | 88.82           |
| Repairs                            | 102.88                       | 86.33           | 106.32          |
| Custom hire                        | 17.01                        | 23.71           | 10.08           |
| Hired labor                        | 58.98                        | 59.28           | 39.01           |
| Land rent                          | 124.15                       | 133.24          | 119.11          |
| Machinery leases                   | 6.34                         | 0.70            | 0.78            |
| Hauling and trucking               | 16.32                        | 8.76            | 12.04           |
| Operating interest                 | 14.81                        | 14.77           | 9.45            |
| Miscellaneous                      | 3.81                         | -               | -               |
| Total direct expenses per acre     | 835.10                       | 810.16          | 773.89          |
| Return over direct exp per acre    | 900.91                       | 822.41          | 1,184.89        |
| <b>Overhead Expenses</b>           |                              |                 |                 |
| Hired labor                        | 56.67                        | 35.42           | 30.05           |
| Machinery leases                   | 3.44                         | 0.49            | -               |
| Building leases                    | 1.16                         | -               | 0.59            |
| Farm insurance                     | 9.09                         | 7.37            | 5.85            |
| Utilities                          | 11.10                        | 12.37           | 11.37           |
| Dues & professional fees           | 3.73                         | 5.25            | 2.59            |
| Interest                           | 19.36                        | 11.17           | 15.29           |
| Mach & bldg depreciation           | 113.14                       | 113.28          | 113.25          |
| Miscellaneous                      | 10.85                        | 3.75            | 9.79            |
| Total overhead expenses per acre   | 228.54                       | 189.11          | 188.78          |
| Total dir & ovhd expenses per acre | 1,063.64                     | 999.27          | 962.67          |
| Net return per acre                | 672.37                       | 633.29          | 996.11          |
| Government payments                | 12.20                        | 12.90           | 13.92           |
| Net return with govt pmts          | 684.58                       | 646.19          | 1,010.03        |
| Labor & management charge          | 122.61                       | 109.00          | 118.44          |
| Net return over lbr & mgt          | 561.96                       | 537.19          | 891.59          |
| <b>Cost of Production</b>          |                              |                 |                 |
| Total direct expense per ton       | 30.96                        | 31.05           | 26.40           |
| Total dir & ovhd exp per ton       | 39.44                        | 38.30           | 32.85           |
| Less govt & other income           | 38.98                        | 37.80           | 32.37           |
| With labor & management            | 43.53                        | 41.98           | 36.41           |
| Net value per unit                 | 64.37                        | 62.57           | 66.83           |
| Machinery cost per acre            | 334.64                       | 298.45          | 316.59          |
| Est. labor hours per acre          | 6.49                         | 5.18            | 5.24            |