|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SWEETPOTATOES: FRESH MARKET, Irrigated** | |  |  |  |
| **Kentucky Estimated per Acre Costs and Returns for 2011** | | |  |  |
|  | Quantity | Unit | $/Unit | Total |
| GROSS RETURNS |  |  |  |  |
| **US #1** | 275 | box | $ 20.00 | $ 5,500.00 |
| **US #2** | 150 | box | $ 12.00 | $ 1,800.00 |
| TOTAL | 425 | box |  | $ 7,300.00 |
| VARIABLE COSTS |  |  |  |  |
| Production |  |  |  |  |
| Lime | 0.5 | ton | $ 20.00 | $ 10.00 |
| Fertilizer: Starter |  |  | $ - | $ - |
| Spread |  | lbs | $ - | $ 200.00 |
| Plants | 13 | thousand | $ 50.00 | $ 650.00 |
| Transplant Labor | 10 | hrs | $ 9.00 | $ 90.00 |
| Herbicides | 1 | acre | $ 75.00 | $ 75.00 |
| Pesticides | 1 | acre | $ 125.00 | $ 125.00 |
| Drip Lines | 1 | acre | $ 382.00 | $ 382.00 |
|  |  |  |  |  |
| Machinery Variable Costs | 1 | acre | $ 71.48 | $ 71.48 |
| **Total Preharvest Variable Costs** |  |  |  | **$ 1,603.48** |
| HARVESTING AND MARKETING |  |  |  |  |
| Variable Machine Costs | 1 | acre |  | $ 28.27 |
| Boxes | 425 | boxes | $ 1.00 | $ 425.00 |
| Hired Labor: Harvest | 40 | hrs | $ 9.00 | $ 360.00 |
| Sorting/Grading/Packing | 425 | boxes | $ 1.00 | $ 425.00 |
| Marketing Costs (10% of Gross) | 10.0% | gross |  | $ 730.00 |
| **Total Harvesting and Marketing Cost** |  |  |  | **$ 1,968.27** |
|  |  |  |  |  |
| Interest on Variable Costs |  |  |  | $ 116.44 |
| **TOTAL VARIABLE COST** |  |  |  | **$ 3,688.20** |
|  |  |  |  |  |
| **RETURN ABOVE VARIABLE COSTS** |  |  |  | **$ 3,611.80** |
|  |  |  |  |  |
| **FIXED COSTS** |  |  |  |  |
| Machinery and Equipment |  |  |  | $ 100.19 |
| Depreciation on Irrigation System |  |  |  | $ 200.00 |
| Taxes on Land |  |  |  | $ 5.00 |
| Insurance |  |  |  | $ 36.50 |
| **TOTAL FIXED COSTS** |  |  |  | **$ 341.69** |
| **TOTAL EXPENSES** |  |  |  | **$ 4,029.89** |
|  |  |  |  |  |
| RETURN TO OPERATOR LABOR, LAND, CAPITAL, & MGT. | | |  | $ 3,270.11 |
|  |  |  |  |  |
| Operator and Unpaid Family Labor | 25 | hrs. | $ 15.00 | $ 375.00 |
|  |  |  |  |  |
| **RETURN TO LAND, CAPITAL, AND MANAGEMENT** | | | | **$ 2,895.11** |