|  |  |  |  |
| --- | --- | --- | --- |
| **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**  |