

**BEANS, GREEN: FRESH MARKET, Machine Harvested, Non-irrigated**  
**Kentucky Estimated per Acre Costs and Returns for 2022**  
**Large Scale (5 or more acres total vegetable production)\***  
**NOT TO BE CONSIDERED CROPPING RECOMMENDATIONS OR PROFITABILITY**  
**PROJECTIONS. FOR COMPARISON AND PLANNING PURPOSES ONLY.**



	Quantity	Unit	\$/Unit	Total
<b>GROSS RETURNS</b>				
Snap Beans	150	bu	\$ 24.00	\$ 3,600.00
<b>VARIABLE COSTS</b>				
Production				
Lime	0.5	ton	\$ 20.00	\$ 10.00
Fertilizer: Bulk Spread	500	lbs	\$ 0.60	\$ 300.00
Seed	90	pounds	\$ 4.50	\$ 405.00
Herbicides	1	acre	\$ 67.73	\$ 67.73
Insecticides	1	acre	\$ 82.43	\$ 82.43
Fungicides	1	acre	\$ 94.04	\$ 94.04
Machinery Variable Costs	1	acre	\$ 38.86	\$ 38.86
<b>Total Preharvest Variable Costs</b>				<b>\$ 998.05</b>
<b>HARVESTING AND MARKETING</b>				
Machine Fuel, Oil, Lube / Or Rent	1	acre	\$ 75.00	\$ 75.00
Boxes	150	boxes	\$ 1.50	\$ 225.00
Hired Labor: Harvest/Grading/Cleaning/Sorting	50.0	hrs	\$ 16.50	\$ 825.00
Cooling	150	boxes	\$ 1.75	\$ 262.50
Marketing Costs (10% of Gross)	10.0%	gross		\$ 360.00
<b>Total Harvesting and Marketing Cost</b>				<b>\$ 1,747.50</b>
Interest on Variable Costs				\$ 56.15
<b>TOTAL VARIABLE COST</b>				<b>\$ 2,801.71</b>
<b>RETURN ABOVE VARIABLE COSTS</b>				<b>\$ 798.29</b>
<b>FIXED COSTS</b>				
Machinery and Equipment				\$ 228.55
Taxes on Land				\$ 5.00
Insurance				\$ 36.00
<b>TOTAL FIXED COSTS</b>				<b>\$ 269.55</b>
<b>TOTAL EXPENSES</b>				<b>\$ 3,071.26</b>
<b>RETURN TO OPERATOR LABOR, LAND, CAPITAL, &amp; MGT.</b>				<b>\$ 528.74</b>
Operator and Unpaid Family Labor	15	hrs.	\$ 16.50	\$ 247.50
<b>RETURN TO LAND, CAPITAL, AND MANAGEMENT</b>				<b>\$ 281.24</b>

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**Your Numbers**

- a Yields based on past budget estimates for production in Ky. Yields may be higher.
  - b Price based on national season-average price and prices at Ky. produce auctions.
  - c Harvest labor and cooling costs based on reported values in SC and MS.
  - d Pesticide costs based on recommended applications of various products using 2022 product costs.
  - e Machinery cost calculator updated for KY vegetable production in 2022.
- \* Farm has 5 or more acres total in trickle-irrigated crops