BEANS, GREEN: FRESH MARKET

Kentucky Estimated Costs and Returns for 2022 Trickle-irrigated, Hand-harvested, 100-foot row

NOT TO BE CONSIDERED CROPPING RECOMMENDATIONS OR PROFITABILITY

PROJECTIONS. FOR COMPARISON AND PLANNING PURPOSES ONLY.



	Quantity	Unit	\$/Unit	Total		
GROSS RETURNS						
Snap Beans	150	pounds	\$ 3.00	\$ 450.00	a,b	
Total Returns				\$ - \$ 450.00		
Total Retains				ψ 430.00	_	
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VARIABLE COSTS						Your Numbers
Production						
Fertilizer		lbs	\$ 0.60	\$ 1.80		
Fertilizer - Fertigation		lbs	\$ 0.60	\$ 1.20		
Seed		pounds	\$ 12.00	\$ 6.00		
Plastic Mulch & Drip Tape	100	ft	\$ 0.10	\$ 10.00	С	
Plant supports - twine and/or stakes/poles	1	row	\$ 5.00	\$ 5.00	С	
Weed Control	1	row	\$ 17.15	\$ 17.15	d	
Insect Control	1	row	\$ 16.75	\$ 16.75	d	
Disease Control	1	row	\$ 17.25	\$ 17.25	d	
Machinery Variable Costs	1	row	\$ 3.89	\$ 3.89	е	
Total Preharvest Variable Costs				\$ 79.04		
HARVESTING AND MARKETING						
Hired Labor: Picking	5.0	hrs	\$ 16.50	\$ 82.50		
Boxes (or Harvest Lugs)	5	boxes	\$ 1.50	\$ 7.50		
Hired Labor: Grading/Cleaning/Sorting	1	hrs	\$ 16.50	\$ 16.50		
Cooling	5	boxes	\$ 1.75	\$ 8.75		
Marketing Costs (10% of Gross)	10.0%	gross		\$ 45.00		
Total Harvesting and Marketing Cost				\$ 160.25		
Interest on Variable Costs				\$ 4.77	1	
					1	
TOTAL VARIABLE COST				\$ 244.06		
RETURN ABOVE VARIABLE COSTS				\$ 205.94		
FIVED COOTS					-	
FIXED COSTS Machinery and Equipment				\$ 16.36	-	
Machinery and Equipment					┨	
Irrigation System Capital Recovery Taxes on Land				\$ 9.60 \$ 1.00	 ⊦	
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Insurance				\$ 4.50 \$ 31.46	 	
TOTAL FIXED COSTS				\$ 31.46	┨	
TOTAL EXPENSES				\$ 275.52		
				0.471.15	! -	
RETURN TO OPERATOR LABOR, LAND, C	APITAL, & I	MGT.		\$ 174.48	┨	
Operator and Unpaid Family Labor	2	hrs.	\$ 16.50	\$ 33.00	<u> </u>	
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RETURN TO LAND, CAPITAL, AND MANAG	EMENT	l	Ī	\$ 141.48	I I	

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 Based on 2022 product costs.

d Pesticide costs based on recommended applications of various products using 2022 product costs.

e Machinery cost calculator modified for KY vegetable production in 2022.