CABBAGE, FRESH MARKET, TRICKLE IRRIGATED



Kentucky Estimated Costs and Returns for 2022 Trickle-irrigated, Hand-harvested, <u>100-foot row</u> NOT TO BE CONSIDERED CROPPING RECOMMENDATIONS OR PROFITABILITY PROJECTIONS. FOR COMPARISON AND PLANNING PURPOSES ONLY.

GROSS RETURNS	Quantity	Unit	I	\$/Unit	1	Total	1	
Cabbage	200	pounds	\$	1.00	\$	200.00	a h	1
Gabbago	200	poundo	Ý	1.00	\$	-	а, Б	
Total Returns					\$	200.00		
VARIABLE COSTS								Your Numbers
Production								
Cabbage Transplants	100	plants	\$	0.15	\$	15.00		
N Fertilizer: Urea		lbs	\$	0.40	\$	0.40		
Starter Fertilizer	0.5	lbs	\$	0.60	\$	0.30		
N Fertilizer: Fertigation (Calcium Nitrate)	5	lbs	\$	0.45	\$	2.25		
Plastic Mulch	100	feet	\$	0.05	\$	5.00	с	
Drip Lines & Irrigation Fittings	100	feet	\$	0.05	\$	5.00	с	
Weed Control	1	row	\$	16.70	\$	16.70	d	
Insect Control	1	row	\$	9.00	\$	9.00	d	
Disease Control	1	row	\$	8.75	\$	8.75	d	
Irrigation	2	hrs.	\$	0.65	\$	1.30	с	
Hired Labor (Planting)	1	hrs.	\$	16.50	\$	16.50		
Machinery Variable Costs	1	row	\$	5.78	\$	5.78	е	
Total Preharvest Variable Costs					\$	85.98		
HARVESTING AND MARKETING								
Plastic Disposal	0.5	hours	\$	16.50	\$	8.25		
Harvest and Pack		hours		16.50	\$	24.75	f	
Ice and Cooling			\$	-	\$	-	-	
Boxes	4	boxes	\$	1.50	\$	6.00		
Marketing Costs (10% of Gross)	10.0%		·		\$	20.00		
Other transportation/marketing costs	1	row	\$	-	\$	-		
Total Harvesting and Marketing Cost			Ť		\$	59.00		
Interest on Variable Costs					\$	3.46		
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TOTAL VARIABLE COST					\$	148.44		
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RETURN ABOVE VARIABLE COSTS					\$	51.56		
FIXED COSTS								
Machinery and Equipment					\$	10.08	е	
Irrigation System Capital Recovery					\$		c	
Taxes on Land					\$	1.00	Ŭ	
Insurance					\$	1.48		
TOTAL FIXED COSTS					\$	22.19		
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TOTAL EXPENSES					\$	170.63		
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RETURN TO OPERATOR LABOR, LAND,	CAPITAI	& MGT			\$	29.37		
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Operator and Unpaid Family Labor	2	hrs.	\$	16.50	\$	33.00		
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RETURN TO LAND. CAPITAL. AND MAN					\$	(3.63)		

a Yields based on prior UK budget yield assumption.

b Price based on Ky. farmers market prices and Ky produce auction price ranges.

c Fuel and power for irrigation system. Assumes established well or water source. Depreciation fixed costs in capital recovery line.

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.

f Updates past harvest and packing cost assumptions and compares to recently published university budget assumptions.