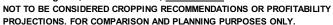
BROCCOLI, FALL FRESH MARKET, TRICKLE IRRIGATED

Kentucky Estimated Costs and Returns for 2022

Trickle-irrigated, Hand-harvested, 100-foot row
NOT TO BE CONSIDERED CROPPING RECOMMENDATIONS





PROJECTIONS. FOR COMPARISON AND PLA	Quantity	Unit	\$/Unit		Total	Ī	
GROSS RETURNS	Quantity	Offic	φ/UIIIL		TOtal	ŀ	
Broccoli	60	noundo	\$ 3.00	¢	180.00	a h	
PLOCCOII	60	pourius	\$ 3.00		160.00	a,b	
	-			\$	-	ļ	
Total Returns				\$	180.00		
VARIABLE COSTS							Your Numbers
Production						ļ	
Broccoli Transplants		plants	\$ 0.18	\$			
N Fertilizer		lbs	\$ 0.40	\$	0.40	ļ	
Starter Fertilizer	0.5		\$ 0.75	\$	0.38	ļ	
N Fertilizer: Fertigation (Calcium Nitrate)		lbs	\$ 0.60	\$	3.00		
Plastic Mulch		feet	\$ 0.05	\$	5.00	•	
Drip Lines & Irrigation Fittings		feet	\$ 0.05	\$	5.00		
Weed Control		row	\$ 16.70	\$	16.70	•	
Insect Control	1	row	\$ 9.00	\$	9.00		
Disease Control		row	\$ 8.75	\$	8.75		
Irrigation		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				\$	89.81		
	•	ı				ļ	
HARVESTING AND MARKETING							
Plastic Disposal	0.5	hours	\$ 16.50	\$	8.25	Ī	
Harvest and Pack	1	hours	\$ 16.50	\$	19.80	f	
Ice and Cooling			\$ -	\$	-	Ī	
Boxes	3	boxes	\$ 1.50	\$	4.50		
Marketing Costs (10% of Gross)	10.0%	gross		\$	18.00	Ī	
Other transportation/marketing costs	1	row	\$ -	\$	-	Ī	
Total Harvesting and Marketing Cost				\$	50.55	Ī	
						Ī	
Interest on Variable Costs				\$	3.45		
TOTAL VARIABLE COST				\$	143.81		
TOTAL VARIABLE GOOT				Ψ	140.01	ŀ	
RETURN ABOVE VARIABLE COSTS				\$	36.19		
FIXED COSTS							
Machinery and Equipment				\$	10.08	e	
Irrigation System Capital Recovery				\$	9.62	•	
Taxes on Land				\$	1.00	Ť	
Insurance				\$	1.44	İ	
TOTAL FIXED COSTS				\$	22.14	İ	
				<u> </u>		t	
TOTAL EXPENSES				\$	165.95	<u> </u>	
RETURN TO OPERATOR LABOR, LAND	, CAPITAL I	, & MGT.		\$	14.05		
Operator and Unpaid Family Labor	2	hrs.	\$ 16.50	\$	33.00	ł	
						1	
RETURN TO LAND, CAPITAL, AND MAN	AGEMENT			\$	(18.95)		

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.