BELL PEPPERS: FRESH MARKET, TRICKLE IRRIGATED

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					1	
Peppers (1 1/9 bu. box)	20	boxes	\$ 30.00	\$ 600.00	a,b	
, , ,				\$ -		
Total Returns				\$ 600.00		
VARIABLE COSTS						Your Numbers
Production						
Plants	200	plants	\$ 0.30	\$ 60.00		
Transplant Labor	1	hours	\$ 16.50	\$ 16.50		
N Fertilizer: Preplant Urea	2	lbs	\$ 0.40	\$ 0.80		
Starter Liquid Fertilizer	0.05	lbs	\$ 6.50	\$ 0.33		
N Fertilizer: Calcium Nitrate fertigation	8	lbs	\$ 0.65	\$ 5.20		
Black Plastic/Drip Lines	100	ft	\$ 0.10	\$ 10.00	d	
Weed Control	1	row	\$ 33.65	\$ 33.65	е	
Insect Control	1	row	\$ 9.85	\$ 9.85	е	
Disease Control		row	\$ 18.15	\$ 18.15	е	
Irrigation	2	hrs.	\$ 0.65	\$ 1.30	С	
Machinery Variable Costs	1	row	\$ 4.62	\$ 4.62	1 1	
Total Preharvest Variable Costs				\$ 160.40		
				,		
HARVESTING AND MARKETING						
Boxes	20	boxes	\$ 1.50	\$ 30.00	1	
Harvest Lugs/Buckets		each	\$ 20.00	\$ 60.00	1	
Plastic Disposal Labor		hours	\$ 16.50	\$ 8.25	1	
Harvest and Postharvest Hired Labor	0.0	nouis	ψ 10.50	Ψ 0.23	1	
Harvest	\$ 1.45	boy		\$ 29.00	1_	
Grade/Pack	\$ 2.30			\$ 46.00		
Marketing Costs (10% of Gross)	10.0%			\$ 60.00	g	
Other transportation/marketing costs	10.0%	row	\$ -	\$ 60.00	£	
Total Harvesting and Marketing Cost		IOW	φ -	\$ 233.25	l'	
Total Harvesting and Marketing Cost				\$ 233.23		
Interest on Variable Costs				\$ 8.31		
Interest on Variable Costs				ψ 0.51		
TOTAL VARIABLE COST				\$ 401.96	1	
TOTAL VARIABLE COST				¥ 401.30	1	
RETURN ABOVE VARIABLE COSTS				\$ 198.04		
				V 100.01		
FIXED COSTS						
Machinery and Equipment				\$ 11.49	f	
Harvest Crate Replacement				\$ 20.00	1'	
Depreciation on Irrigation System				\$ 7.86		
Taxes on Land				\$ 1.00		
Insurance				\$ 6.00	1	
Insurance				\$ 0.00		
TOTAL FIXED COSTS				\$ 46.35	1	
TOTAL TIALD GOOTS				ψ + 0.33		
TOTAL EXPENSES				\$ 448.31	1	
TOTAL EXI LITOLO				ψ 17 0.31	1	
RETURN TO OPERATOR LABOR, LAND	CADITAI	& MCT	<u> </u>	\$ 151.69	1	
INCIONN TO OF LIVATOR LABOR, LAND	, CAPITAL	, α ινισ ι		φ 131.09	1	
Operator and Unpaid Family Labor	2	hrs.	\$ 16.50	\$ 33.00		
Sporator and Onpaid Family Eabor		1113.	ψ 10.00	ψ 00.00		
RETURN TO LAND, CAPITAL, AND MAN	AGEMENT			\$ 118.69	1	
				,	1 1	

a Reflects average to above-average yields for plasticulture.

b Price based on Kentucky farmers market and auction prices.

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

d Based on 2022 UK estimate for trickle irrigation updated.

e Pesticide costs based on recommended applications of various products using 2022 product costs, plus additional labor charge for small plot. Herbicide: \$0.65; Insecticide: \$1.60; Fungicide \$9.90.

f Machinery costs generator updated with 2022 fuel and equipment costs.

g Based on past Kentucky budgets with increases for \$16.50 wage rate.