Jalapeño 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						
Jalapeño Peppers (1/2-bu. Box)	45	boxes	\$ 12.00	\$ 540.00 \$ -	a,b	
T.(-1.D.(, T		
Total Returns				\$ 540.00	1	
VARIABLE COSTS						Your Numbers
Production						
Plants	200	plants	\$ 0.35	\$ 70.00		
Transplant Labor	1	hours	\$ 16.50	\$ 16.50		
N Fertilizer: Preplant Urea	2	lbs	\$ 0.40	\$ 0.80		
Starter Liquid Fertilizer	0.13	lbs	\$ 3.50	\$ 0.44		
N Fertilizer: Calcium Nitrate fertigation		lbs	\$ 0.65	\$ 5.20	h	
Black Plastic/Drip Lines	100	feet	\$ 0.10	\$ 10.00	d	
Weed Control		row	\$ 33.65	\$ 33.65	e	
Insect Control		row	\$ 9.85	\$ 9.85	1 -	
Disease Control		row	\$ 18.15	\$ 18.15		
Irrigation		hrs.	\$ 0.65	\$ 1.30		
Machinery Variable Costs		row	\$ 6.24	\$ 6.24	1 -	
Total Preharvest Variable Costs		IOW	Ψ 0.24	\$ 172.13	l'	
Total Flellal Vest Vallable Costs				ψ 172.13	-	
HARVESTING AND MARKETING					-	
Boxes	45	boxes	\$ 1.25	\$ 56.25		
Harvest Lugs/Buckets		each	\$ 20.00	\$ 60.00		
Plastic Disposal Labor		hours	\$ 16.50	\$ 8.25	1	
Harvest and Postharvest Hired Labor	0.0	nouio	Ψ 10.00	Ψ 0.20		
Harvest & Pack	\$ 1.65	hox		\$ 74.25	<u>_</u>	
Marketing Costs (10% of Gross)	10.0%			\$ 54.00	9	
Other transportation/marketing costs	10.070	row	\$ -	\$ -		
Total Harvesting and Marketing Cost	'	IOW	Ψ -	\$ 252.75	1	
Total Harvesting and marketing cost				Ψ 232.13	-	
Interest on Variable Costs				\$ 8.96		
TOTAL VARIABLE COST				\$ 433.83	-	
				,		
RETURN ABOVE VARIABLE COSTS				\$ 106.17		
FIXED COSTS					-	
				\$ 11.49	£ .	
Machinery and Equipment	 			\$ 11.49	' -	
Harvest Crate Replacement	-				-	_
Depreciation on Irrigation System	-			\$ 7.86	-	
Taxes on Land	-			\$ 1.00	-	
Insurance	-			\$ 2.70	 	_
TOTAL FIXED COSTS				\$ 43.05		
	1					
TOTAL EXPENSES				\$ 476.88		
RETURN TO OPERATOR LABOR, LAND	L CAPITA	L. & MG	<u> </u> Т.	\$ 63.12		
		, 2,0		, 302		
Operator and Unpaid Family Labor	2	hrs.	\$ 16.50	\$ 33.00		
DETURN TO LAND CARITAL AND MAN	ACEME:	 T		¢ 20.40	-	
RETURN TO LAND, CAPITAL, AND MAN	AGENEN	!!	l	\$ 30.12	ı L	

- a Reflects average to above-average yields for plasticulture.
- b Price based on Kentucky farmers market and auction prices
- $\ensuremath{\text{c}}$ Assumes charge for power/fuel for irrigation. Municipal water will add much higher cost.
- d Based on updated 2022 UK estimate for trickle irrigation.
- e Pesticide costs based on recommended applications of various products using 2022 product costs.
- f Machinery costs based on typical operations and 2022 machinery & fuel costs, according to machinery cost generator.
- g Based on past Kentucky budgets with increases for wage rates.
- h Fertilizer assumption: 4 pounds calcium nitrate per week per 1000 plants.