POTATOES: FRESH MARKET, Non-Irrigated

Kentucky Estimated Costs and Returns for 2017
Approximately 0.10 acres (15 100-ft 36"rows)
NOT TO BE CONSIDERED CROPPING RECOMMENDATIONS OR PROFITABILITY PROJECTIONS. FOR COMPARISON AND PLANNING PURPOSES ONLY.

CENTER FOR CROP DIVERSIFICATION

	Quantity	Unit	$/Unit	Total		Your Numbers
GROSS RETURNS						
Potatoes	3000	lbs	$ 0.50	$1,500.00	a,b	
				$ -		
				$1,500.00		
VARIABLE COSTS						
Production						
Lime	0.05	ton	$ 20.00	$ 1.00		
Fertilizer: Bulk Spread	1	cwt	$ 35.00	$ 35.00		
Sidedressing	15	lbs	$ 0.40	$ 6.00		
Seed	1.5	cwt	$ 20.00	$ 30.00		
Seed Treatment/Cutting	1.5	cwt	$ 3.00	$ 4.50		
Weed Control	1	plot	14.82	$ 14.82	c	
Insect Control	1	plot	24.1	$ 24.10	c	
Disease Control	1	plot	24.51	$ 24.51	c	
Irrigation	0	hrs		$ -		
Machinery Variable Costs	1	plot	$ 9.96	$ 9.96	d	
Total Preharvest Variable Costs				**$ 149.89**		
HARVESTING AND MARKETING						
Variable Machine Costs				$ 12.89	d	
Bags	60	bags	$ 0.16	$ 9.60		
Hired Labor: Hand Harvest	10	hrs	$ 12.50	$ 125.00	e	
Grading and Packing	3	hrs	$ 12.50	$ 37.50	e	
Transport to Market	200	miles	$ 0.55	$ 110.00		
Marketing Costs (10% of Gross)	10.0%	gross		$ 150.00		
Total Harvesting and Marketing Cost				**$ 444.99**		
Interest on Variable Costs				$ 11.17		
TOTAL VARIABLE COST				**$ 606.05**		
RETURN ABOVE VARIABLE COSTS				**$ 893.95**		
FIXED COSTS						
Machinery and Equipment				$ 10.42		
Depreciation on Irrigation System				$ -		
Taxes on Land				$ 1.00		
Insurance				$ 15.00		
TOTAL FIXED COSTS				**$ 26.42**		
TOTAL EXPENSES				**$ 632.47**		
RETURN TO OPERATOR LABOR, LAND, CAPITAL, & MGT.				$ 867.53		
Operator and Unpaid Family Labor	2	hrs.	$ 15.00	$ 30.00		
RETURN TO LAND, CAPITAL, AND MANAGEMENT				**$ 837.53**		

a Yields based on past UK variety trials and grower yield estimates.
b Price based on Kentucky farmers market and auction prices, 2016.
c Pesticide costs based on recommended applications of various products using 2017 product costs.
d Machinery cost calculator updated for vegetable production in 2017.
e Based on state budgets with revisions by Kentucky vegetable experts.