2024 Estimated Costs and Returns per Acre Jalapeño Pepper, Plastic Mulch, Drip Irrigated Panhandle Extension District - 1

Crop Acres 1

Name	DEVENUE	0	11.20	0/11-7	T-1-1	Enterprise
VARIABLE COSTS	REVENUE	Quantity	Units	\$/Unit	Total	Total
NARIABLE COSTS		325.10	CVVI	\$27.44		
VARIABLE COSTS	Total Revenue				\$8,920.74	
Production Costs Seed	VARIABLE COSTS	Quantity	Units	\$/Unit	Total	•
Transplants - Pepper		Quartity	Oto	φισιικ		
Seed - Pepper Pepper Peptelizer Fertilizer Fertilizer Pertilizer Pertilizer Pertilizer Acre \$7.50	Seed					
Fertilizer (N) - Dry	Transplants - Pepper	11591	Plants	\$0.18	\$2,086.38	\$2,086.38
Fertilizer (N) - Dry	Seed - Pepper	0	Bag	\$186.00	\$0.00	\$0.00
Pertilizer Application						
Herbicide Metolachlor 1.33 Pint \$5.00 \$6.65 \$6.65 Treflan 1.33 Pint \$5.00 \$4.66 \$4.66 Herbicide Application 2 Acre \$7.50 \$15.00 \$15.00 Insecticide Application 1 Acre \$8.00 \$8.03 \$36.38 \$36.38 Insecticide Application 1 Acre \$8.00 \$8.00 \$8.00 \$8.00 Miscellaneous Toro 15mil Drip Tape - 12' drip el Drip Tape Fittings 527 Unit \$1.74 \$916.98 \$916.99 \$916	* * * *					
Metolachlor 1.33 Pint \$5.00 \$6.65 \$6.65 Treflan 1.33 Pint \$3.50 \$4.66 \$4.66 Metricide Application 2 Acre \$7.50 \$15.00 \$1	• •	1	Acre	\$7.50	\$7.50	\$7.50
Treflan		1 22	Dint	\$E,00	የ ድ ድ	C CE
Herbicide Application 2 Acre \$7.50 \$15.00						
Insecticide Sevin Insecticide - Vegetables 0.17 Gallon \$214.00 \$36.38 \$36.38 Insecticide Application 1 Acre \$8.00 \$9.00 \$8.00 \$9.00 \$8.0						
Sevin Insecticide - Vegetables 1.1 Acre \$8.00 \$9.00 \$9.00 \$9.00	·	_	71010	Ψ1.00	ψ10.00	ψ10.00
Insecticide Application		0.17	Gallon	\$214.00	\$36.38	\$36.38
Miscellaneous						•
Drip Tape Fittings 527 Unit \$1.74 \$916.98 \$916.98 Black Plastic Mulch 2.2 Roll \$201.65 \$443.63 \$443.60				·		·
Black Plastic Mulch 2.2 Roll \$201.65 \$443.63 \$443.63 \$Custom	Toro 15mil Drip Tape - 12" drip er	2.2	Roll	\$163.50	\$359.70	\$359.70
Custom	Drip Tape Fittings	527	Unit	\$1.74	\$916.98	\$916.98
Harvest, Pack & Count Vegetables 30	Black Plastic Mulch	2.2	Roll	\$201.65	\$443.63	\$443.63
Hand Weeding - Vegetables 90 Hour \$11.18 \$1,006.20 \$1,006.20 Irrigation Energy Cost 11.00 AcreInch \$3.80 \$41.80 \$41.80 Irrigation Labor 0.20 Hour \$17.94 \$3.55 \$3.55 Machinery Labor Tractors/Self-Propelled 0.82 Hour \$17.65 \$14.47 \$14.47 Other Labor 1.79 Hour \$17.65 \$31.59 \$31.59 \$31.59 Diesel Fuel Tractors/Self-Propelled 1.55 Gallon \$3.10 \$4.81 \$4.81 \$4.81 Gasoline Pickup/General Use Equipment 1 Acre \$120.00 \$120.00 \$120.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$33.00 \$33.00 \$33.00 \$33.00 Irrigation Equipment 1 Acre \$33.00 \$33.00 \$33.00 Irrigation Equipment 1 Acre \$3.30 \$33.00 \$33.00 Irrigation Equipment 1 Acre \$3.00 \$3.00 \$33.00 Irrigation Equipment 1 Acre \$3.00 \$3.00 \$33.00 Irrigation Equipment 1 Acre \$3.00 \$3.00 \$33.00 Irrigation Equipment 1 Acre \$3.86 \$0.86 \$0.86 \$0.86 Irrigation Equipment 1 Acre \$3.90 \$3.50 \$3.00 \$33.00 \$33.00 Irrigation Equipment 1 Acre \$3.90 \$3.67.58 \$3.67.58 \$3.67.58 \$3.67.58 \$3.67.58 \$3.67.58 \$3.67.59 \$3						
Irrigation						
Energy Cost 11.00 Acrelnch \$3.80 \$41.80 Irrigation Labor Tractors/Self-Propelled 0.82 Hour \$17.94 \$3.55 \$3.55 Machinery Labor Tractors/Self-Propelled 0.82 Hour \$17.65 \$14.47 \$14.47 Other Labor 1.79 Hour \$17.65 \$31.59 \$31.59 Diesel Fuel Tractors/Self-Propelled 1.55 Gallon \$3.10 \$4.81 \$4.81 Gasoline Pickup/General Use Equipment 1 Acre \$120.00	8 8	90	Hour	\$11.18	\$1,006.20	\$1,006.20
Irrigation Labor	•	44.00	A l l	Ф0.00	0.44.00	# 44.00
Machinery Labor Tractors/Self-Propelled 0.82 Hour \$17.65 \$14.47 \$14.47 \$14.47 \$10.65 \$31.59						•
Tractors/Self-Propelled 0.82 Hour \$17.65 \$14.47 \$14.47 Other Labor Cheer Labor Che		0.20	Houl	\$17.94	გა. ეე	
Other Labor 1.79 Hour \$17.65 \$31.59 \$31.59 Diesel Fuel Tractors/Self-Propelled 1.55 Gallon \$3.10 \$4.81 \$4.81 Gasoline Pickup/General Use Equipment 1 Acre \$120.00 \$120.00 \$120.00 \$120.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$61.20 \$61.20 \$61.20 Irrigation Equipment 1 Acre \$33.00 \$33.00 \$33.00 \$33.00 Tractors/Self-Propelled 1 Acre \$0.86		0.82	Hour	\$17.65	\$1 <i>1</i> 17	\$1 <i>1</i> 17
Diesel Fuel	·					•
Tractors/Self-Propelled 1.55 Gallon \$3.10 \$4.81 \$4.81 \$4.81 \$4.80 \$4.80 \$6.00 \$1		1.75	rioui	ψ17.00	ψ01.00	φ01.00
Pickup/General Use Equipment 1		1.55	Gallon	\$3.10	\$4.81	\$4.81
Repairs & Maintenance	· · · · · · · · · · · · · · · · · · ·			*****	*	*
Pickup/General Use Equipment	Pickup/General Use Equipment	1	Acre	\$120.00	\$120.00	\$120.00
Irrigation Equipment	Repairs & Maintenance					
Tractors/Self-Propelled 1 Acre \$3.00 \$3.00 \$3.00 Implements 1 Acre \$0.86 \$0.86 \$0.86 Interest on Credit Line 9.00% \$167.58 \$167.58 Total Variable Costs \$9,739.31 \$9,739.31 \$9,739.31 Planned Returns Above Variable Costs: \$29.96 CWT Enterprise Breakeven Price to Cover Variable Costs \$29.96 CWT Enterprise FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation Pickup/General Use Equipment 1 Acre \$64.26 \$64.26 \$64.26 Tractors/Self-Propelled 1 Acre \$2.48 \$2.48 \$2.48 Implements 1 Acre \$1.00 \$1.00 \$1.00 Equipment Investment \$443.70 Dollars 9.00% \$39.93 \$39.93 Tractors/Self-Propelled \$19.29 Dollars 9.00% \$0.50 \$0.50 Cash Rent - Irrigated 1 Acr	Pickup/General Use Equipment	1	Acre	\$61.20	\$61.20	\$61.20
Implements	Irrigation Equipment	1	Acre	\$33.00	\$33.00	\$33.00
Interest on Credit Line	Tractors/Self-Propelled	1	Acre	\$3.00	\$3.00	\$3.00
Total Variable Costs Sep.739.31 Sep.739.31 Planned Returns Above Variable Costs: Sep. 29.96 CWT Enterprise Total Sep.739.31 Sep.	Implements	1	Acre	\$0.86	\$0.86	
Planned Returns Above Variable Costs: \$29.96 CWT Enterprise	Interest on Credit Line			9.00%		\$167.58
State Price to Cover Variable Costs State Stat				=	\$9,739.31	\$9,739.31
FIXED COSTS Quantity Units \$/Unit Total Enterprise Total Machinery Depreciation Pickup/General Use Equipment Tractors/Self-Propelled 1 Acre \$64.26 \$64.26 \$64.26 Tractors/Self-Propelled 1 Acre \$1.00 \$1.00 \$1.00 Equipment Investment Acre \$1.00 \$1.00 \$1.00 Pickup/General Use Equipment Pickup/General Use Equipment Pickup/General Use Equipment Singup Pickup/General Use Equipment Singup Pickup/General Use Equipment Singup Pickup Pickup/General Use Equipment Singup Pickup P					***	(\$818.56)
Machinery Depreciation	Breakeven Price to Cover Variable Costs			\$29.96	CWT	
Machinery Depreciation Pickup/General Use Equipment 1 Acre \$64.26 \$64.26 \$64.26 Tractors/Self-Propelled 1 Acre \$2.48 \$2.48 \$2.48 Implements 1 Acre \$1.00 \$1.00 \$1.00 Equipment Investment Pickup/General Use Equipment \$443.70 Dollars 9.00% \$39.93 \$39.93 Tractors/Self-Propelled \$19.29 Dollars 9.00% \$1.74 \$1.74 Implements \$5.58 Dollars 9.00% \$0.50 \$0.50 Cash Rent - Irrigated 1 Acre \$125.00 \$125.00 \$125.00 Total Fixed Costs \$9,974.22 \$9,974.22 \$9,974.22 Returns Above Specified Costs \$(\$1,053.47) \$1,053.47)				* #		•
Pickup/General Use Equipment 1 Acre \$64.26 \$64.26 \$64.26 Tractors/Self-Propelled 1 Acre \$2.48 \$2.48 \$2.48 Implements 1 Acre \$1.00 \$1.00 \$1.00 Equipment Investment Pickup/General Use Equipment \$443.70 Dollars 9.00% \$39.93 \$39.93 Tractors/Self-Propelled \$19.29 Dollars 9.00% \$1.74 \$1.74 Implements \$5.58 Dollars 9.00% \$0.50 \$0.50 Cash Rent - Irrigated 1 Acre \$125.00 \$125.00 \$125.00 Total Fixed Costs \$9,974.22 \$9,974.22 \$9,974.22 Returns Above Specified Costs \$(\$1,053.47) \$1,053.47)		Quantity	Units	\$/Unit	l otal	l otal
Tractors/Self-Propelled Implements 1 Acre \$2.48 \$2.48 \$2.48 Implements 1 Acre \$1.00 \$1.00 \$1.00 Equipment Investment Pickup/General Use Equipment Investment Pickup/General Use Equipment State Investment Implements State Investment Implements State Investment Implements State Investment Implements State Investment Investment State Investment Investment Implements State Investment Inve			A	C4 00	# C4.0C	C4 00
Implements						•
Equipment Investment Pickup/General Use Equipment \$443.70 Dollars 9.00% \$39.93 \$39.93 Tractors/Self-Propelled \$19.29 Dollars 9.00% \$1.74 \$1.74 Implements \$5.58 Dollars 9.00% \$0.50 \$0.50 Cash Rent - Irrigated 1 Acre \$125.00 \$125.00 \$125.00 Total Fixed Costs \$234.91 \$234.91 \$234.91 Total Specified Costs \$9,974.22 \$9,974.22 \$9,974.22 Returns Above Specified Costs (\$1,053.47) (\$1,053.47)	•					
Pickup/General Use Equipment Tractors/Self-Propelled \$443.70 Dollars \$19.29 9.00% Dollars Dollars \$39.93 \$39.93 Implements Implements \$5.58 Dollars Dollars 9.00% 9.00% \$0.50 \$0.50 Cash Rent - Irrigated 1 Acre \$125.00 \$125.00 \$125.00 Total Fixed Costs \$234.91 \$234.91 \$234.91 Total Specified Costs \$9,974.22 \$9,974.22 Returns Above Specified Costs (\$1,053.47) (\$1,053.47)	·		Acie	φ1.00	φ1.00	Ψ1.00
Tractors/Self-Propelled Implements \$19.29 Dollars 9.00% \$1.74 \$1.74 Implements Cash Rent - Irrigated 1 Acre \$125.00 \$125.00 \$125.00 Total Fixed Costs Total Specified Costs \$9,974.22 \$9,974.22 \$9,974.22 Returns Above Specified Costs \$1,053.47 \$1,053.47 \$1,053.47		\$443.70	Dollars	9.00%	\$39.93	\$39.93
Implements						
Cash Rent - Irrigated 1 Acre \$125.00 \$125.00 \$125.00 Total Fixed Costs \$234.91 \$234.91 Total Specified Costs \$9,974.22 \$9,974.22 Returns Above Specified Costs (\$1,053.47) (\$1,053.47)	•					
Total Fixed Costs \$234.91 \$234.91 Total Specified Costs \$9,974.22 \$9,974.22 Returns Above Specified Costs (\$1,053.47) (\$1,053.47)	•					
Total Specified Costs \$9,974.22 \$9,974.22 Returns Above Specified Costs (\$1,053.47) (\$1,053.47)	_	•				
Returns Above Specified Costs (\$1,053.47) (\$1,053.47)				=		
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Breakeven Price to Cover Total Costs \$30.68 CWT	Returns Above Specified Costs				(\$1,053.47)	(\$1,053.47)
	Breakeven Price to Cover Total Costs			\$30.68	CWT	

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600. DeDe Jones, Extension Risk Management Specialist IV, Texas A&M AgriLife Extension

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation. Brand names are mentioned only as examples and imply no