

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2025 Estimated Costs and Returns per Acre
Red Chile Peppers, Dell City, Center Pivot Irrigated
Far West Extension District - 6

Crop Acres		122				
REVENUE		Quantity	Units	\$/Unit	Total	Enterprise Total
Red Chiles		4,000.00	Pound	\$0.95	\$3,800.00	\$463,600.00
Total Revenue					\$3,800.00	\$463,600.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Fertilizer						
	Urea, Solid (46% N)	1.97	CWT	\$31.15	\$61.37	\$7,486.59
	Fertilizer 18-46-0	228	Pound	\$0.54	\$123.12	\$15,020.64
	Fertilizer 0-0-22 Kmag	567	Pound	\$0.32	\$181.44	\$22,135.68
Herbicide						
	Trifluralin	3	Pint	\$2.75	\$8.25	\$1,006.50
Seed						
	Red Chile Seed Treated	10	Pound	\$30.00	\$300.00	\$36,600.00
Fungicides						
	Quadris	15	Ounce	\$1.64	\$24.61	\$3,002.85
Other Chemicals						
	Ethephon 6	16	Ounce	\$0.16	\$2.49	\$303.34
	Sodium Chlorate 5L	1	Gallon	\$6.00	\$6.00	\$732.00
Irrigation						
	Energy Cost	4.68	Mcf	\$10.00	\$46.80	\$5,709.60
	Irrigation Labor	0.02	Hour	\$17.50	\$0.30	\$36.94
Machinery Labor						
	Tractors/Self-Propelled	3.27	Hour	\$17.21	\$56.28	\$6,865.76
	Other Labor	2.07	Hour	\$17.21	\$35.62	\$4,346.21
Diesel Fuel						
	Tractors/Self-Propelled	18.98	Gallon	\$2.80	\$53.14	\$6,483.57
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$8.68	\$8.68	\$1,059.48
Repairs & Maintenance						
	Pickup/General Use Equipment	1	Acre	\$1.61	\$1.61	\$196.20
	Irrigation Equipment	1	Acre	\$7.97	\$7.97	\$972.40
	Tractors/Self-Propelled	1	Acre	\$57.21	\$57.21	\$6,979.92
	Implements	1	Acre	\$21.76	\$21.76	\$2,654.83
Interest on Credit Line				8.00%	\$42.06	\$5,131.45
Total Variable Costs					\$1,038.72	\$126,723.95
Planned Returns Above Variable Costs:					\$2,761.28	\$336,876.05
Breakeven Price to Cover Variable Costs				\$0.26	Pound	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
	Pickup/General Use Equipment	1	Acre	\$6.03	\$6.03	\$735.75
	Irrigation Equipment	1	Acre	\$45.37	\$45.37	\$5,535.60
	Tractors/Self-Propelled	1	Acre	\$86.34	\$86.34	\$10,533.47
	Implements	1	Acre	\$28.74	\$28.74	\$3,506.74
Equipment Investment						
	Pickup/General Use Equipment	\$25.13	Dollars	8.00%	\$2.01	\$245.25
	Irrigation Equipment	\$340.30	Dollars	8.00%	\$27.22	\$3,321.36
	Tractors/Self-Propelled	\$801.12	Dollars	8.00%	\$64.09	\$7,818.96
	Implements	\$131.40	Dollars	8.00%	\$10.51	\$1,282.44
Trans Pecos Irrigated Land		1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs					\$320.32	\$39,079.56
Total Specified Costs					\$1,359.05	\$165,803.51
Returns Above Specified Costs					\$2,440.95	\$297,796.49
Breakeven Price to Cover Total Costs				\$0.34	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	3000.00	\$0.35	\$0.45
90%	3600.00	\$0.29	\$0.38
100%	4000.00	\$0.26	\$0.34
110%	4400.00	\$0.24	\$0.31
125%	5000.00	\$0.21	\$0.27

Developed by Extension Agricultural Economists, Texas A&M AgriLife Extension, budgets@tamu.edu.

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 endorsement.