

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2024 Estimated Costs and Returns per Acre
Red Chile Peppers, Dell City, Center Pivot Irrigated
Far West Extension District - 6

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	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	\$4.70	\$22.00	\$2,683.51	
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	\$3.60	\$68.33	\$8,336.02	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$10.13	\$10.13	\$1,236.06	
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%	\$41.91	\$5,113.23	
Total Variable Costs				\$1,030.40	\$125,708.67	
Planned Returns Above Variable Costs:				\$2,769.60	\$337,891.33	
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				\$1,350.72	\$164,788.23	
Returns Above Specified Costs				\$2,449.28	\$298,811.77	
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	\$0.34	\$0.45
90%	3600.00	\$0.29	\$0.38
100%	4000.00	\$0.26	\$0.34
110%	4400.00	\$0.23	\$0.31
125%	5000.00	\$0.21	\$0.27

Developed by Extension Economists, Texas A&M AgriLife Extension Service, 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.