

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2019 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						
Herbicide						
	Trifluralin	3	Pint	\$2.81	\$8.44	\$1,029.38
Seed						
	Red Chile Seed Treated	10	Pound	\$30.00	\$300.00	\$36,600.00
Fertilizer						
	Fertilizer 18-46-0	228	Pound	\$0.29	\$65.66	\$8,011.01
	Urea, Solid (46% N)	1.97	CWT	\$22.25	\$43.83	\$5,347.57
	Fertilizer 0-0-22 Kmag	567	Pound	\$0.23	\$129.28	\$15,771.67
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	\$4.00	\$18.72	\$2,283.84
	Irrigation Labor	0.02	Hour	\$11.00	\$0.19	\$23.22
Machinery Labor						
	Tractors/Self-Propelled	3.26	Hour	\$12.00	\$39.12	\$4,772.64
	Other Labor	2.07	Hour	\$8.50	\$17.60	\$2,146.59
Diesel Fuel						
	Tractors/Self-Propelled	18.81	Gallon	\$2.99	\$56.24	\$6,861.51
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$9.30	\$9.30	\$1,134.04
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	\$53.06	\$53.06	\$6,473.19
	Implements	1	Acre	\$23.88	\$23.88	\$2,913.92
	Interest on Credit Line			6.50%	\$28.61	\$3,490.04
Total Variable Costs					\$836.60	\$102,065.40
Planned Returns Above Variable Costs:					\$2,963.40	\$361,534.60
Breakeven Price to Cover Variable Costs				\$0.21	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	\$82.09	\$82.09	\$10,014.82
	Implements	1	Acre	\$30.98	\$30.98	\$3,779.26
Equipment Investment						
	Pickup/General Use Equipment	\$25.13	Dollars	6.50%	\$1.63	\$199.27
	Irrigation Equipment	\$340.30	Dollars	6.50%	\$22.12	\$2,698.61
	Tractors/Self-Propelled	\$768.00	Dollars	6.50%	\$49.92	\$6,090.27
	Implements	\$140.33	Dollars	6.50%	\$9.12	\$1,112.84
	Trans Pecos Irrigated Land	1	Acre	\$40.00	\$40.00	\$4,880.00
Total Fixed Costs					\$287.27	\$35,046.41
Total Specified Costs					\$1,123.87	\$137,111.81
Returns Above Specified Costs					\$2,676.13	\$326,488.19
Breakeven Price to Cover Total Costs				\$0.28	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	3000.00	\$0.28	\$0.37
90%	3600.00	\$0.23	\$0.31
100%	4000.00	\$0.21	\$0.28
110%	4400.00	\$0.19	\$0.26
125%	5000.00	\$0.17	\$0.22

Developed by Rob Hogan, Associate Professor and Extension Economist, Texas A&M AgriLife Extension, 830-278-9151.

**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.**