

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2018 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	\$0.90	\$3,600.00	\$439,200.00
<b>Total Revenue</b>				<b>\$3,600.00</b>	<b>\$439,200.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
<b>Herbicide</b>					
Trifluralin	3	Pint	\$2.94	\$8.82	\$1,076.04
<b>Seed</b>					
Red Chile Seed Treated	10	Pound	\$30.00	\$300.00	\$36,600.00
<b>Fertilizer</b>					
Fertilizer 18-46-0	228	Pound	\$0.24	\$54.72	\$6,675.84
Urea, Solid (46% N)	1.97	CWT	\$19.75	\$38.91	\$4,746.72
Fertilizer 0-0-22 Kmag	567	Pound	\$0.22	\$124.74	\$15,218.28
<b>Fungicides</b>					
Quadris	15	Ounce	\$2.46	\$36.90	\$4,501.80
<b>Other Chemicals</b>					
Ethephon 6	16	Ounce	\$0.16	\$2.50	\$305.00
Sodium Chlorate 5L	1	Gallon	\$6.00	\$6.00	\$732.00
<b>Irrigation</b>					
Energy Cost	4.68	Mcf	\$4.00	\$18.72	\$2,283.84
Irrigation Labor	0.02	Hour	\$11.00	\$0.19	\$23.22
<b>Machinery Labor</b>					
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
<b>Diesel Fuel</b>					
Tractors/Self-Propelled	18.82	Gallon	\$2.14	\$40.27	\$4,913.53
<b>Gasoline</b>					
Pickup/General Use Equipment	1	Acre	\$7.69	\$7.69	\$937.84
<b>Repairs &amp; Maintenance</b>					
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	\$53.02	\$53.02	\$6,468.44
Implements	1	Acre	\$23.09	\$23.09	\$2,817.17
Interest on Credit Line			6.50%	\$27.60	\$3,367.52
<b>Total Variable Costs</b>				<b>\$809.47</b>	<b>\$98,755.06</b>
<b>Planned Returns Above Variable Costs:</b>				<b>\$2,790.53</b>	<b>\$340,444.94</b>
<b>Breakeven Price to Cover Variable Costs</b>			<b>\$0.20</b>	<b>Pound</b>	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Machinery Depreciation</b>					
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	\$82.01	\$82.01	\$10,005.15
Implements	1	Acre	\$30.05	\$30.05	\$3,665.51
<b>Equipment Investment</b>					
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	\$767.39	Dollars	6.50%	\$49.88	\$6,085.37
Implements	\$136.34	Dollars	6.50%	\$8.86	\$1,081.21
Trans Pecos Irrigated Land	1	Acre	\$40.00	\$40.00	\$4,880.00
<b>Total Fixed Costs</b>				<b>\$285.95</b>	<b>\$34,886.46</b>
<b>Total Specified Costs</b>				<b>\$1,095.42</b>	<b>\$133,641.52</b>
<b>Returns Above Specified Costs</b>				<b>\$2,504.58</b>	<b>\$305,558.48</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$0.27</b>	<b>Pound</b>	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	3000.00	\$0.27	\$0.37
90%	3600.00	\$0.22	\$0.30
100%	4000.00	\$0.20	\$0.27
110%	4400.00	\$0.18	\$0.25
125%	5000.00	\$0.16	\$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.**