

Utah State University R.R. Grain Corn Enterprise Budget - 2019

Number of Acres **250**



Area: Utah North

GROSS RECEIPTS FROM PRODUCTION					
GROSS RECEIPTS	Bushels/Acre	Unit	Total Number of Units	Your Price/Unit	2019 Proj. Price/Unit
Grain Corn	225	bushels	56,250	\$4.00	\$4.00
Other					
Total Receipts					

Total Value	2019 Proj. Value or Cost/Unit	Your Proj. Value or Cost/Unit
\$225,000.00	\$4.00	\$225,000.00
Total		
\$225,000	\$4.00	\$225,000

DIRECT COSTS				
VARIABLE COSTS	Unit	Total Number of Units	Your Price/Unit	2019 Proj. Price/Unit
Land Preparation				
Plow	1	250	\$29.00	\$29.64
Disc	2	500	\$16.00	\$15.56
Land Plane	1	250	\$9.00	\$9.10
Harrow/Cultipack	1	250	\$15.00	\$14.46
Cultivation	2	500	\$14.00	\$14.41
Drill/Plant	1	250	\$17.00	\$16.75
Seed	27	6,750	\$4.40	\$4.40
Fertilizer	1	250	\$145.00	\$143.00
Application	2	500	\$8.50	\$8.50
Herbicide	1	250	\$18.00	\$17.63
Application	1	250	\$8.50	\$8.50
Irrigation Water Assessment	1	250	\$20.00	\$20.00
Crop Insurance	1	250	\$30.00	\$30.00
Seasonal Labor	1	250	\$48.57	\$48.57
Combine/Harvest	1	250	\$37.11	\$37.11
Trucking	225	56250	\$0.35	\$0.35
Drying	225	56250	\$0.30	\$0.30
Storage	225	56250	\$0.20	\$0.20
Interest on Operating Capital	% Rate	\$418.48	7.00%	6.50%
Total Variable Costs				
INDIRECT COSTS				
FIXED COSTS				
Capital Recovery				
General Overhead			\$20.00	\$20.00
Real Estate Taxes			\$9.15	\$9.15
Real Estate Opportunity Cost			\$125.00	\$125.00
TOTAL FIXED COSTS				
TOTAL COSTS				
Income Over Variable Costs				
Income Over Total Costs				

Total Value	Value or Cost/Bushel	Your Project Cost/Unit
\$7,410.00	\$0.13	\$0.13
\$7,780.00	\$0.14	\$0.14
\$2,275.00	\$0.04	\$0.04
\$3,615.00	\$0.06	\$0.07
\$7,205.00	\$0.13	\$0.12
\$4,187.50	\$0.07	\$0.08
\$29,700.00	\$0.53	\$0.53
\$35,750.00	\$0.64	\$0.64
\$4,250.00	\$0.08	\$0.08
\$4,407.50	\$0.08	\$0.08
\$2,125.00	\$0.04	\$0.04
\$5,000.00	\$0.09	\$0.09
\$7,500.00	\$0.13	\$0.13
\$12,142.50	\$0.22	\$0.22
\$9,277.50	\$0.16	\$0.16
\$19,687.50	\$0.35	\$0.35
\$16,875.00	\$0.30	\$0.30
\$11,250.00	\$0.20	\$0.20
\$6,800.30	\$0.12	\$0.13
\$197,238	\$3.51	\$3.53
Total		
\$38,538	\$0.69	\$0.69
\$235,775	\$4.19	\$4.21
\$27,762	\$0.49	\$224,996.47
-\$10,775	-\$0.19	\$224,995.79

Production Breakeven (Direct Costs per Acre / Grain Corn Price per Bushel)

Price per bushel	Total Costs				
	\$689	\$739	\$789	\$839	\$889
\$5.00	138 bu.	148 bu.	158 bu.	168 bu.	178 bu.
\$4.50	153 bu.	164 bu.	175 bu.	186 bu.	198 bu.
\$4.00	172 bu.	185 bu.	197 bu.	210 bu.	222 bu.
\$3.50	197 bu.	211 bu.	225 bu.	240 bu.	254 bu.
\$3.00	230 bu.	246 bu.	263 bu.	280 bu.	296 bu.

Price Breakeven (Total Costs per Acre / Grain Corn Yield per Acre)

Yield per Acre	Total Costs				
	\$689	\$739	\$789	\$839	\$889
175 bu	\$3.94/bu.	\$4.22/bu.	\$4.51/bu.	\$4.79/bu.	\$5.08/bu.
200 bu	\$3.44/bu.	\$3.69/bu.	\$3.94/bu.	\$4.19/bu.	\$4.44/bu.
225 bu	\$3.06/bu.	\$3.28/bu.	\$3.51/bu.	\$3.73/bu.	\$3.95/bu.
250 bu	\$2.76/bu.	\$2.96/bu.	\$3.16/bu.	\$3.36/bu.	\$3.56/bu.
275 bu	\$2.51/bu.	\$2.69/bu.	\$2.87/bu.	\$3.05/bu.	\$3.23/bu.