

**2022 Estimated Costs and Returns per Acre  
Irrigated Guar  
South Plains Extension District - 2**

Crop Acres		122				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total		
Guar	1,200.00	Pound	\$0.16	\$192.00	\$23,424.00		
Total Revenue				\$192.00	\$23,424.00		
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise		
<b>Production Costs</b>							
Herbicide							
Herbicide and Apply Guar	1	Acre	\$4.00	\$4.00	\$488.00		
Fertilizer							
Fertilizer (P) - Dry	40	Pound	\$0.94	\$37.60	\$4,587.20		
Custom							
Fertilizer Application - Dry	1	Acre	\$4.00	\$4.00	\$488.00		
Harvest and Haul - Guar Acre	1	Acre	\$30.00	\$30.00	\$3,660.00		
Harvest and Haul - Guar CWT	12	CWT	\$0.20	\$2.40	\$292.80		
Miscellaneous							
Crop Insurance Guar	1	Acre	\$2.50	\$2.50	\$305.00		
Seed							
Seed - Guar	10	Pound	\$1.50	\$15.00	\$1,830.00		
Innoculant Guar	2	Pound	\$3.00	\$6.00	\$732.00		
Irrigation							
Energy Cost	4.00	AcreInch	\$10.00	\$40.00	\$4,880.00		
Irrigation Labor	0.75	Hour	\$12.00	\$9.00	\$1,098.00		
Machinery Labor							
Tractors/Self-Propelled	1	Hour	\$12.00	\$12.00	\$1,464.00		
Diesel Fuel							
Tractors/Self-Propelled	2.4	Gallon	\$2.75	\$6.60	\$805.20		
Gasoline							
Pickup/General Use Equipment	1	Acre	\$5.12	\$5.12	\$625.00		
Repairs & Maintenance							
Pickup/General Use Equipment	1	Acre	\$0.50	\$0.50	\$61.00		
Irrigation Equipment	1	Acre	\$22.00	\$22.00	\$2,684.00		
Tractors/Self-Propelled	1	Acre	\$6.00	\$6.00	\$732.00		
Implements	1	Acre	\$3.00	\$3.00	\$366.00		
Interest on Credit Line			6.00%	\$4.92	\$599.68		
Total Variable Costs				\$210.64	\$25,697.88		
Planned Returns Above Variable Costs:					(\$18.64) (\$2,273.88)		
Breakeven Price to Cover Variable Costs			\$0.18	Pound			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise		
Equipment Fixed Costs							
Pickup/General Use Equipment	1	Acre	\$1.25	\$1.25	\$152.50		
Irrigation Equipment	1	Acre	\$55.00	\$55.00	\$6,710.00		
Tractors/Self-Propelled	1	Acre	\$12.00	\$12.00	\$1,464.00		
Implements	1	Acre	\$10.00	\$10.00	\$1,220.00		
Management Fee, Owner/Operator Labor	1	Acre	\$25.00	\$25.00	\$3,050.00		
Cash Rent - Irrigated	1	Acre	\$100.00	\$100.00	\$12,200.00		
Whole Farm Insurance	1	Acre	\$2.00	\$2.00	\$244.00		
Total Fixed Costs				\$205.25	\$25,040.50		
Total Specified Costs				\$415.89	\$50,738.38		
Returns Above Specified Costs					(\$223.89) (\$27,314.38)		
Breakeven Price to Cover Total Costs			\$0.35	Pound			

Developed by Agricultural Economists, Texas A&M AgriLife Extension. 806-746-6101

**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.**