

Projections for Planning Purposes Only -- Not to be Used without Updating
2025 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	\$0.60	\$720.00	\$87,840.00
Total Revenue					\$720.00	\$87,840.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
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
Fertilizer						
Fertilizer (P) - Dry		40	Pound	\$0.47	\$18.80	\$2,293.60
Herbicide						
Herbicide and Apply Guar		1	Acre	\$4.00	\$4.00	\$488.00
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	\$16.00	\$12.00	\$1,464.00
Machinery Labor						
Tractors/Self-Propelled		1	Hour	\$16.00	\$16.00	\$1,952.00
Diesel Fuel						
Tractors/Self-Propelled		2.4	Gallon	\$2.92	\$7.01	\$854.68
Gasoline						
Pickup/General Use Equipment		1	Acre	\$5.41	\$5.41	\$659.75
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				8.50%	\$6.35	\$774.95
Total Variable Costs					\$200.97	\$24,517.78
Planned Returns Above Variable Costs:					\$519.03	\$63,322.22
Breakeven Price to Cover Variable Costs					\$0.17	Pound
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
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					\$406.22	\$49,558.28
Returns Above Specified Costs					\$313.78	\$38,281.72
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%	900.00	\$0.22	\$0.45
90%	1080.00	\$0.19	\$0.38
100%	1200.00	\$0.17	\$0.34
110%	1320.00	\$0.15	\$0.31
125%	1500.00	\$0.13	\$0.27

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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.