

Projections for Planning Purposes Only -- Not to be Used without Updating
2024 Estimated Costs and Returns per Acre
Irrigated Sesame
South Plains Extension District - 2

Crop Acres		122				Enterprise
REVENUE		Quantity	Units	\$/Unit	Total	Total
Sesame - Irrigated		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						
Herbicide						
	Herbicide - Sesame	1	Acre	\$21.75	\$21.75	\$2,653.50
Seed						
	Seed - Sesame	2.5	Pound	\$4.00	\$10.00	\$1,220.00
Fertilizer						
	Fertilizer (P) - Liquid	30	Pound	\$0.88	\$26.52	\$3,235.44
	Fertilizer (N) - Liquid	75	Pound	\$0.61	\$45.83	\$5,590.65
Custom						
	Fertilizer Application - Liquid High	1	Acre	\$4.75	\$4.75	\$579.50
	Custom Harvest - Sesame	1	Acre	\$25.00	\$25.00	\$3,050.00
	Custom Haul - Sesame	15	CWT	\$0.12	\$1.80	\$219.60
Miscellaneous						
	Crop Insurance Sesame - Irrigated	1	Acre	\$12.50	\$12.50	\$1,525.00
Other Labor						
	Hoeing	1	Acre	\$15.00	\$15.00	\$1,830.00
Irrigation						
	Energy Cost	11.00	AcreInch	\$10.00	\$110.00	\$13,420.00
	Irrigation Labor	1.00	Hour	\$12.00	\$12.00	\$1,464.00
Machinery Labor						
	Tractors/Self-Propelled	0.46	Hour	\$12.00	\$5.52	\$673.44
	Other Labor	0.54	Hour	\$12.00	\$6.48	\$790.56
Diesel Fuel						
	Tractors/Self-Propelled	2.4	Gallon	\$3.00	\$7.20	\$878.11
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$5.08	\$5.08	\$619.52
Repairs & Maintenance						
	Pickup/General Use Equipment	1	Acre	\$0.50	\$0.50	\$61.00
	Irrigation Equipment	1	Acre	\$19.25	\$19.25	\$2,348.50
	Tractors/Self-Propelled	1	Acre	\$6.00	\$6.00	\$732.00
	Implements	1	Acre	\$3.00	\$3.00	\$366.00
	Interest on Credit Line			9.00%	\$13.53	\$1,650.87
Total Variable Costs					\$351.70	\$42,907.68
Planned Returns Above Variable Costs:					\$368.30	\$44,932.32
Breakeven Price to Cover Variable Costs				\$0.29	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 - Sesame	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					\$556.95	\$67,948.18
Returns Above Specified Costs					\$163.05	\$19,891.82
Breakeven Price to Cover Total Costs				\$0.46	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	900.00	\$0.39	\$0.62
90%	1080.00	\$0.33	\$0.52
100%	1200.00	\$0.29	\$0.46
110%	1320.00	\$0.27	\$0.42
125%	1500.00	\$0.23	\$0.37

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.