Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Alfalfa Establishment, Sprinkler Irrigated (NG), Fall Seeding Only Panhandle Extension District - 1

Crop Acres 122

REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Total Revenue	,			\$0.00	\$0.00
					Enterprise
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs	-				,
Custom					
Fertilizer Application	1	Acre	\$7.50	\$7.50	\$915.00
Fertilizer					
Fertilizer (P) - Dry	80	Pound	\$0.80	\$64.24	\$7,837.28
Herbicide		_			
Herbicide and Application Alfalfa	1	Acre	\$58.37	\$58.37	\$7,121.14
Seed	40		A= = 4	400 70	440 405 04
Seed - Alfalfa	18	Pound	\$5.54	\$99.72	\$12,165.84
Irrigation	C 00	A l l-	#2.00	#00.00	¢0.704.00
Energy Cost Irrigation Labor	6.00 0.38	AcreInch Hour	\$3.80 \$17.94	\$22.80 \$6.89	\$2,781.60 \$840.45
Machinery Labor	0.36	Hour	\$17.54	\$0.09	Ф 040.40
Tractors/Self-Propelled	0.41	Hour	\$17.65	\$7.24	\$882.85
Other Labor	0.48	Hour	\$17.65	\$8.47	\$1,033.58
Diesel Fuel	0.40	Hour	Ψ17.03	ψ0.+7	Ψ1,000.00
Tractors/Self-Propelled	2.21	Gallon	\$3.10	\$6.85	\$835.82
Gasoline	2.21	Guilon	ψο. το	Ψ0.00	Ψ000.02
Pickup/General Use Equipment	1	Acre	\$4.92	\$4.92	\$600.00
Repairs & Maintenance			*	*	400000
Pickup/General Use Equipment	1	Acre	\$2.51	\$2.51	\$306.00
Irrigation Equipment	1	Acre	\$22.50	\$22.50	\$2,745.00
Tractors/Self-Propelled	1	Acre	\$3.77	\$3.77	\$459.96
Implements	1	Acre	\$6.78	\$6.78	\$827.22
Interest on Credit Line			9.00%	\$9.83	\$1,199.13
Total Variable Costs				\$332.38	\$40,550.88
Planned Returns Above Variable Costs:				(\$332.38)	(\$40,550.88)
Breakeven Price to Cover Variable Costs			n/a		
					Enterprise
FIXED COSTS	Quantity	Units	\$/Unit		Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$2.63	\$2.63	\$321.30
Irrigation Equipment	1	Acre	\$11.83	\$11.83	\$1,443.75
Tractors/Self-Propelled	1	Acre	\$3.77	\$3.77	\$459.81
Implements	1	Acre	\$8.07	\$8.07	\$984.36
Equipment Investment					
Pickup/General Use Equipment	\$18.18	Dollars	9.00%	\$1.64	\$199.67
Irrigation Equipment	\$142.93	Dollars	9.00%	\$12.86	\$1,569.38
Tractors/Self-Propelled	\$29.36	Dollars	9.00%	\$2.64	\$322.39
Implements	\$34.52	Dollars	9.00%	\$3.11	\$378.98
Cash Rent - Alfalfa	1	Acre	\$200.00	\$200.00	\$24,400.00
Total Fixed Costs				\$246.55	\$30,079.62
Total Specified Costs			_	\$578.94	\$70,630.50
Returns Above Specified Costs				(\$578.94)	(\$70,630.50)
Breakeven Price to Cover Total Costs			n/a		

Example Breakeven Prices					
Example	Example	To Cover	To Cover		
Yield	Yield	Variable	Total		
Percent		Costs	Costs		
75%	0.00	\$0.00	\$0.00		
90%	0.00	\$0.00	\$0.00		
100%	0.00	\$0.00	\$0.00		
110%	0.00	\$0.00	\$0.00		
125%	0.00	\$0.00	\$0.00		

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Alfalfa, Sprinkler Irrigated (NG) Panhandle Extension District - 1

122

Enterprise

\$85,585.72

\$115,714.28

\$701.52

\$948.48

\$199.02 Ton

Crop Acres

Total Variable Costs

Planned Returns Above Variable Costs:

Breakeven Price to Cover Total Costs

					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total
Hay - Alfalfa	5.50	Ton	\$300.00	\$1,650.00	\$201,300.00
Total Revenue				\$1,650.00	\$201,300.00
					Enterprise
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Custom					
Fertilizer Application	1	Acre	\$7.50	\$7.50	\$915.00
Custom Baling	5.5	Ton	\$65.00	\$357.50	\$43,615.00
Fertilizer					
Fertilizer (P) - Liquid	60	Pound	\$0.88	\$52.92	\$6,456.24
Herbicide					
Herbicide & Application Alfalfa	1	Acre	\$50.15	\$50.15	\$6,118.30
Insecticide					
Insecticide & Application Alfalfa	1	Acre	\$7.10	\$7.10	\$866.20
Irrigation					
Energy Cost	24.00	AcreInch	\$3.80	\$91.20	\$11,126.40
Irrigation Labor	1.54	Hour	\$17.94	\$27.56	\$3,361.81
Gasoline					
Pickup/General Use Equipment	1	Acre	\$4.92	\$4.92	\$600.00
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$2.51	\$2.51	\$306.00
Irrigation Equipment	1	Acre	\$90.00	\$90.00	\$10,980.00
Interest on Credit Line			9.00%	\$10.17	\$1,240.77

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Breakeven Price to Cover Variable Costs	\$127.55 Ton				
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$2.63	\$2.63	\$321.30
Irrigation Equipment	1	Acre	\$47.34	\$47.34	\$5,775.00
Equipment Investment					
Pickup/General Use Equipment	\$18.18	Dollars	9.00%	\$1.64	\$199.67
Irrigation Equipment	\$571.72	Dollars	9.00%	\$51.45	\$6,277.50
Allocated Establishment Cost	1	Acre	\$90.00	\$90.00	\$10,980.00
Cash Rent - Alfalfa	1	Acre	\$200.00	\$200.00	\$24,400.00
Total Fixed Costs				\$393.06	\$47,953.47
Total Specified Costs			_	\$1,094.58	\$133,539.18
Returns Above Specified Costs				\$555.42	\$67,760.82

	Example Breakeven Prices						
Example	Example	To Cover	To Cover				
Yield	Yield	Variable	Total				
Percent	Ton	Costs	Costs				
75%	4.13	\$170.07	\$265.35				
90%	4.95	\$141.72	\$221.13				
100%	5.50	\$127.55	\$199.02				
110%	6.05	\$115.95	\$180.92				
125%	6.88	\$102.04	\$159.21				

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Bt Corn for Grain, Sprinkler Irrigated (NG) Panhandle Extension District - 1

Crop Acres	122

REVENUE	Crop Acres	122				Enterprise
Com	REVENUE	Quantity	Units	\$/Unit	Total	
Name			Bushel		\$1,203.75	
MARLE COSTS	Total Revenue				\$1,203.75	\$146,857.50
Production Costs						Enterprise
Custom		Quantity	Units	\$/Unit	Total	Total
Fertilizer Application - ANH3						
Crop Consultant			_	***	***	******
Harvest and Haul - Corn 225 Bushel \$0.48 \$108.00 \$13,176.00 Fertilizer Fertilizer (P) - Liquid 90 Pound \$0.43 \$55.78 \$7,283.16 Fertilizer (N) - Liquid 80 80 \$0.43 \$55.78 \$7,283.16 Fertilizer (N) - Liquid 80 80 \$0.43 \$55.78 \$7,283.16 Fertilizer (N) - Liquid 80 80 \$0.43 \$55.78 \$7,283.16 Fertilizer (N) - Liquid 80 80 \$0.43 \$55.78 \$7,283.16 Fertilizer (N) - Liquid 80 80 \$0.43 \$55.78 \$7,283.16 Fertilizer (N) - Liquid 80 80 \$0.40 \$55.93 \$6,222.00 Herbicide - Corn Preplant 1 Acre \$46.25 \$46.25 \$5,642.50 \$6,222.00 Insecticide 1 Acre \$45.00 \$45.00 \$6,222.00 Miticide 1 Acre \$45.00 \$45.00 \$6,222.00 Miticide 1 Acre \$50.00 \$65.00 \$6,100.00 \$6.202.00 Miticide 1 Acre \$50.00 \$60.00 \$6,100.00 \$6.202.00 Miticide \$1.4 Acre \$50.00 \$6,100.00 \$6.202.00 Miticide \$1.4 Acre \$50.00 \$6,100.00 \$6.202.00 Miticide \$1.4 Acre \$50.00 \$6,100.00 \$6,100.00 \$6.202 Miticide \$1.4 Acre \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4						
Fertilizer	•					
Fertilizer (P) - Liquid 90 Pound \$0.88 \$79.38 \$9.684.36 Fertilizer (N) - ANH3 140 Pound \$0.43 \$55.78 \$7.293.16 Fertilizer (N) - Liquid 85 Pound \$0.58 \$49.13 \$55.993.86 Herbicide		225	Bushel	\$0.48	\$108.00	\$13,176.00
Fertilizer (N) - ANH3		90	Pound	¢n 00	¢70.20	\$0.604.26
Fertilizer (N) - Liquid						
Herbicide						
Herbicide - Corn Preplant		85	round	φυ.56	φ43.13	φυ,υυυ.ου
Herbicide - Corn Postplant 1 Acre \$51.00 \$51.00 \$6,222.00 Insecticide		1	Acre	\$46.25	\$46.25	\$5 642 50
Insecticide	•					
Miticide 1 Acre \$45.00 \$45.00 \$5,490.00 Miscellaneous Crop Insurance Corn Irrigated 1 Acre \$50.00 \$6,100.00 Seed Seed - Bt Corn for Grain 0.38 Bag \$320.00 \$121.60 \$14,835.20 Irrigation Irrigation 22.00 Acrelnch Hour \$3.80 \$33.60 \$10,199.20 Irractors/Self-Propelled Other Labor 0.32 Hour \$17.65 \$5.65 \$689.06 Other Labor 0.38 Hour \$17.65 \$6.71 \$818.25 Diesel Fuel Tractors/Self-Propelled 2.03 Gallon \$3.10 \$6.29 \$767.75 Gasoline Pickup/General Use Equipment 1 Acre \$7.38 \$7.38 \$900.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre	•	•	71010	φο 1.00	Ψ01.00	Ψ0,222.00
Miscellaneous		1	Acre	\$45.00	\$45.00	\$5,490,00
Crop Insurance Corn Irrigated 1 Acre \$50.00 \$50.00 \$6,100.00 Seed Seed - Bt Corn for Grain 0.38 Bag \$320.00 \$121.60 \$14,835.20 Irrigation Energy Cost 22.00 Acrelnch \$3.80 \$83.60 \$10,199.20 Irrigation Labor 1.34 Hour \$17.94 \$24.11 \$2,941.59 Machinery Labor 7 4 \$24.11 \$2,941.59 Machinery Labor 0.38 Hour \$17.65 \$5.65 \$689.06 Other Labor 0.38 Hour \$17.65 \$5.65 \$689.06 Other Labor 0.38 Hour \$17.65 \$6.71 \$818.25 Diesel Fuel Tractors/Self-Propelled 0.38 Hour \$17.65 \$6.71 \$818.25 Diesel Fuel Tractors/Self-Propelled 2.03 Gallon \$3.10 \$6.29 \$767.75 Gasoline Pickup/General Use Equipment 1 Acre \$3.76 \$3.76 \$459.00 Irrigation Eq				7.0.00		70,100100
Seed - Bt Corn for Grain 0.38 Bag \$320.00 \$121.60 \$14,835.20 Irrigation		1	Acre	\$50.00	\$50.00	\$6,100.00
Irrigation Energy Cost 1.34 Hour \$17.94 \$24.11 \$2.941.59						
Energy Cost	Seed - Bt Corn for Grain	0.38	Bag	\$320.00	\$121.60	\$14,835.20
Irrigation Labor 1.34 Hour \$17.94 \$24.11 \$2,941.59	Irrigation					
Machinery Labor Tractors/Self-Propelled 0.32 Hour \$17.65 \$5.65 \$689.06 Other Labor 0.38 Hour \$17.65 \$6.71 \$818.25 Diesel Fuel Tractors/Self-Propelled 2.03 Gallon \$3.10 \$6.29 \$767.75 Gasoline Pickup/General Use Equipment 1 Acre \$7.38 \$7.38 \$900.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$3.76 \$3.76 \$459.00 Irrigation Equipment 1 Acre \$82.50 \$82.50 \$10,065.00 Irrigation Equipment 1 Acre \$82.50 \$82.50 \$2.915.84 Total Variable Costs \$3.93 Bushel Enterprise Total Variable Costs \$3.93 S2.915.00 S2.915.	Energy Cost	22.00	AcreInch	\$3.80	\$83.60	\$10,199.20
Tractors/Self-Propelled Other Labor 0.32 Other Labor Hour \$17.65 \$5.65 \$689.06 Other Labor Diesel Fuel Tractors/Self-Propelled Agasoline Pickup/General Use Equipment Pickup/General Use Equipment Pickup/General Use Equipment Integration Equipment	Irrigation Labor	1.34	Hour	\$17.94	\$24.11	\$2,941.59
Other Labor Diesel Fuel Tractors/Self-Propelled Tractors/Self-Propelled 3.38 Hour Tractors/Self-Propelled \$17.65 \$6.71 \$818.25 Gasoline Pickup/General Use Equipment Pickup/General Use Equipment Pickup/General Use Equipment Irrigation Equipment Irrigation Equipment Irrigation Equipment Interest on Credit Line Irrigation Equipment Irrigation Eq	Machinery Labor					
Diesel Fuel	Tractors/Self-Propelled	0.32	Hour	\$17.65	\$5.65	\$689.06
Tractors/Self-Propelled 2.03 Gallon \$3.10 \$6.29 \$767.75		0.38	Hour	\$17.65	\$6.71	\$818.25
Gasoline Pickup/General Use Equipment Repairs & Maintenance Pickup/General Use Equipment Irrigation Equipment 1 Acre \$7.38 \$7.38 \$900.00 Interest on Credit Line Planted Returns Above Variable Costs 1 Acre \$3.76 \$3.76 \$459.00 Planned Returns Above Variable Costs 9.00% \$23.90 \$2,915.84 Planned Returns Above Variable Costs: Breakeven Price to Cover Variable Costs \$3.93 Bushel FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation Pickup/General Use Equipment Irrigation Equipment 1 Acre \$3.95 \$3.95 \$481.95 Equipment Investment Pickup/General Use Equipment Pickup/General Use Equipment \$27.28 Dollars 9.00% \$2.45 \$299.50 Irrigation Equipment Cash Rent - Corn \$571.72 Dollars 9.00% \$51.45 \$6,277.50 Cash Rent - Corn 1 Acre \$200.00 \$200.00 \$24,400.00 Total Specified Costs \$1,189.24 \$145,086.71						
Pickup/General Use Equipment Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$3.76 \$3.76 \$459.00 Irrigation Equipment 1 Acre \$82.50 \$82.50 \$10,065.00 Interest on Credit Line 9.00% \$23.90 \$2,915.84 Total Variable Costs 9.00% \$884.04 \$107,852.76 Planned Returns Above Variable Costs \$3.93 Bushel FIXED COSTS Quantity Units \$/Unit Total Machinery Depreciation Pickup/General Use Equipment 1 Acre \$3.95 \$3.95 \$481.95 Irrigation Equipment 1 Acre \$47.34 \$47.34 \$5,775.00 Equipment Investment Pickup/General Use Equipment \$27.28 Dollars 9.00% \$2.45 \$299.50 Irrigation Equipment \$571.72 Dollars 9.00% \$51.45 \$6,277.50 Cash Rent - Corn 1 Acre \$200.00 \$200.00 \$24,400.00 Total Fixed Costs \$3.95 \$3.95 \$3.95 \$3.95 Total Specified Costs \$11.89.24 \$145,086.71 Returns Above Specified Costs \$11.89.24 \$145,086.71	·	2.03	Gallon	\$3.10	\$6.29	\$767.75
Repairs & Maintenance		_	_			
Pickup/General Use Equipment 1 Acre \$3.76 \$3.76 \$459.00 Irrigation Equipment 1 Acre \$82.50 \$82.50 \$10,065.00 Interest on Credit Line 9.00% \$23.90 \$2,915.84 Total Variable Costs \$884.04 \$107,852.76 Planned Returns Above Variable Costs: \$3.93 Bushel FIXED COSTS Quantity Units \$1.00 \$1.00 Machinery Depreciation Pickup/General Use Equipment 1 Acre \$3.95 \$3.95 \$481.95 Irrigation Equipment \$1.00 \$27.28 \$1.00 \$2.45 \$299.50 Irrigation Equipment \$571.72 \$1.00 \$2.00 \$2.00 \$2.45 \$6,277.50 Cash Rent - Corn 1 Acre \$3.00 \$2.00 \$2.45 \$6,277.50 Total Fixed Costs \$3.00 \$3.00 \$2.45 \$3.00 Returns Above Specified Costs \$1.189.24 \$145,086.71 Returns Above Specified Costs \$1.1,770.79		1	Acre	\$7.38	\$7.38	\$900.00
Irrigation Equipment 1 Acre \$82.50 \$82.50 \$10,065.00 Interest on Credit Line 9.00% \$23.90 \$2,915.84 Total Variable Costs \$884.04 \$107,852.76 Planned Returns Above Variable Costs: \$319.71 \$339,004.74 Breakeven Price to Cover Variable Costs \$3.93 Bushel FIXED COSTS Quantity Units \$\sqrt{Unit} Total Total Machinery Depreciation Pickup/General Use Equipment 1 Acre \$3.95 \$3.95 \$481.95 Irrigation Equipment 1 Acre \$47.34 \$47.34 \$5,775.00 Equipment Investment Pickup/General Use Equipment \$27.28 Dollars 9.00% \$2.45 \$299.50 Irrigation Equipment \$571.72 Dollars 9.00% \$51.45 \$6,277.50 Cash Rent - Corn 1 Acre \$200.00 \$200.00 \$24,400.00 Total Fixed Costs \$305.20 \$37,233.95 Total Specified Costs \$11,189.24 \$145,086.71 Returns Above Specified Costs \$11,770.79	•		_	40.00	40.00	****
Interest on Credit Line						
Total Variable Costs		1	Acre			. ,
Sample S				9.00%		
Sa.93 Bushel Enterprise Enterprise Total				_		
FIXED COSTS Quantity Units \$/Unit Total Enterprise Total Machinery Depreciation Pickup/General Use Equipment Irrigation Equipment Investment Pickup/General Use Equipment Investment Pickup/General Use Equipment Irrigation Equipment Irrigation Equipment S571.72 Dollars Pickup/General Use Equipment Pickup/General Use Equipment S571.72 Dollars Pickup/General Use Equipment S				#0.00 F		\$39,004.74
Nachinery Depreciation	Breakeven Price to Cover variable Costs			\$3.93 E	ousnei	- Cotororios
Machinery Depreciation Pickup/General Use Equipment 1 Acre \$3.95 \$3.95 \$481.95 Irrigation Equipment 1 Acre \$47.34 \$47.34 \$5,775.00 Equipment Investment Pickup/General Use Equipment \$27.28 Dollars 9.00% \$2.45 \$299.50 Irrigation Equipment \$571.72 Dollars 9.00% \$51.45 \$6,277.50 Cash Rent - Corn 1 Acre \$200.00 \$24,400.00 Total Fixed Costs \$305.20 \$37,233.95 Total Specified Costs \$1,189.24 \$145,086.71 Returns Above Specified Costs \$14.51 \$1,770.79	EIVED COSTS	Quantity	Unite	¢/Llnit	Total	
Pickup/General Use Equipment 1 Acre \$3.95 \$3.95 \$481.95 Irrigation Equipment 1 Acre \$47.34 \$47.34 \$5,775.00 Equipment Investment Pickup/General Use Equipment \$27.28 Dollars 9.00% \$2.45 \$299.50 Irrigation Equipment \$571.72 Dollars 9.00% \$51.45 \$6,277.50 Cash Rent - Corn 1 Acre \$200.00 \$200.00 \$24,400.00 Total Fixed Costs \$305.20 \$37,233.95 Total Specified Costs \$1,189.24 \$145,086.71 Returns Above Specified Costs \$14.51 \$1,770.79		Quantity	Offics	\$/OIII	TOLAT	TOTAL
Irrigation Equipment 1 Acre \$47.34 \$47.34 \$5,775.00 Equipment Investment Pickup/General Use Equipment \$27.28 Dollars 9.00% \$2.45 \$299.50 Irrigation Equipment \$571.72 Dollars 9.00% \$51.45 \$6,277.50 Cash Rent - Corn 1 Acre \$200.00 \$200.00 \$24,400.00 Total Fixed Costs \$305.20 \$37,233.95 Total Specified Costs \$1,189.24 \$145,086.71 Returns Above Specified Costs \$14.51 \$1,770.79		1	Acre	\$3.95	\$3.95	\$481.95
Equipment Investment \$27.28 Dollars 9.00% \$2.45 \$299.50 Irrigation Equipment \$571.72 Dollars 9.00% \$51.45 \$6,277.50 Cash Rent - Corn 1 Acre \$200.00 \$200.00 \$24,400.00 Total Fixed Costs \$305.20 \$37,233.95 Total Specified Costs \$1,189.24 \$145,086.71 Returns Above Specified Costs \$14.51 \$1,770.79						
Pickup/General Use Equipment Irrigation Equipment \$27.28 b 571.72 b 0 llars Dollars 9.00% 9.00% \$2.45 \$299.50 Cash Rent - Corn 1 Acre \$200.00 \$200.00 \$24,400.00 Total Fixed Costs \$305.20 \$37,233.95 Total Specified Costs \$1,189.24 \$14.51 \$1,770.79			Aut	ψ-7.5-	Ψ+7.5+	ψ3,773.00
Irrigation Equipment \$571.72 Dollars 9.00% \$51.45 \$6,277.50 Cash Rent - Corn 1 Acre \$200.00 \$200.00 \$24,400.00 Total Fixed Costs \$305.20 \$37,233.95 Total Specified Costs \$1,189.24 \$145,086.71 Returns Above Specified Costs \$14.51 \$1,770.79		\$27.28	Dollars	9.00%	\$2.45	\$299.50
Cash Rent - Corn 1 Acre \$200.00 \$200.00 \$24,400.00 Total Fixed Costs \$305.20 \$37,233.95 Total Specified Costs \$1,189.24 \$145,086.71 Returns Above Specified Costs \$14.51 \$1,770.79						
Total Fixed Costs \$305.20 \$37,233.95 Total Specified Costs \$1,189.24 \$145,086.71 Returns Above Specified Costs \$14.51 \$1,770.79						
Total Specified Costs \$1,189.24 \$145,086.71 Returns Above Specified Costs \$14.51 \$1,770.79	Total Fixed Costs			_		
Returns Above Specified Costs \$14.51 \$1,770.79				=		
	. Sta. Spoomod Soots			_	ψ1,100.2 7	Ψ1-10,000.71
Breakeven Price to Cover Total Costs \$5.29 Bushel	Returns Above Specified Costs				\$14.51	\$1,770.79
	Breakeven Price to Cover Total Costs			\$5.29 B	lushel	

	Example Breakeven Prices					
Example	Example	To Cover	To Cover			
Yield	Yield	Variable	Total			
Percent	Bushel	Costs	Costs			
75%	168.75	\$5.24	\$7.05			
90%	202.50	\$4.37	\$5.87			
100%	225.00	\$3.93	\$5.29			
110%	247.50	\$3.57	\$4.80			
125%	281.25	\$3.14	\$4.23			

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

Projections for Planning Purposes Only - Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Bt Corn for Grain, Strip Till Panhandle Extension District - 1

Crop Acres 122

DEVENUE	Overstitus	Lluita	\$/Unit	Total	Enterprise Total
REVENUE Corn	Quantity 225.00	Units Bushel	\$5.35	Total \$1,203.75	\$146,857.50
Total Revenue	220.00	Duonioi	Ψ0.00	\$1,203.75	\$146,857.50
				4.,	Enterprise
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Custom					
Fertilizer Application - ANH3	1	Acre	\$18.00	\$18.00	\$2,196.00
Crop Consultant	1	Acre	\$12.00	\$12.00	\$1,464.00
Harvest and Haul - Corn	225	Bushel	\$0.48	\$108.00	\$13,176.00
Strip Till	1	Acre	\$30.62	\$30.62	\$3,735.64
Fertilizer	90	D d	¢0.00	¢70.00	¢0.004.00
Fertilizer (P) - Liquid	140	Pound Pound	\$0.88 \$0.43	\$79.38 \$59.78	\$9,684.36 \$7,293.16
Fertilizer (N) - ANH3 Fertilizer (N) - Liquid	85	Pound	\$0.43	\$59.76 \$49.13	\$5,993.86
Herbicide	65	Found	\$0.56	Ф43.13	\$5,555.60
Herbicide - Corn Preplant	1	Acre	\$46.25	\$46.25	\$5,642.50
Herbicide - Corn Postplant	1	Acre	\$51.00	\$51.00	\$6,222.00
Burndown Herbicide	1	Acre	\$13.50	\$13.50	\$1,647.00
Insecticide		, .510	\$10.00	¥10.00	ψ.,o-,
Miticide	1	Acre	\$45.00	\$45.00	\$5,490.00
Miscellaneous			*	*	+-,
Crop Insurance Corn Irrigated	1	Acre	\$50.00	\$50.00	\$6,100.00
Seed					
Seed - Bt Corn for Grain	0.38	Bag	\$320.00	\$121.60	\$14,835.20
Irrigation		•			
Energy Cost	20.00	Acrelnch	\$3.80	\$76.00	\$9,272.00
Irrigation Labor	1.28	Hour	\$17.94	\$22.96	\$2,801.51
Machinery Labor					
Tractors/Self-Propelled	0.03	Hour	\$17.65	\$0.53	\$64.60
Other Labor	0.03	Hour	\$17.65	\$0.53	\$64.60
Diesel Fuel					
Tractors/Self-Propelled	0.13	Gallon	\$3.10	\$0.40	\$49.17
Gasoline					
Pickup/General Use Equipment	1	Acre	\$7.38	\$7.38	\$900.00
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$3.76	\$3.76	\$459.00
Irrigation Equipment	1	Acre	\$75.00	\$75.00	\$9,150.00
Tractors/Self-Propelled	1	Acre	\$0.20	\$0.20	\$24.76
Implements	1	Acre	\$1.85	\$1.85	\$226.05
Interest on Credit Line			9.00%		\$3,170.89
Total Variable Costs				\$898.87	\$109,662.30
Planned Returns Above Variable Costs:				\$304.88	\$37,195.20
Breakeven Price to Cover Variable Costs			\$3.99	Bushel	
FIVED COOTS		11.5	6 /11 :	+	Enterprise
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation Pickup/General Use Equipment	1	Acre	\$3.95	\$3.95	\$481.95
	1		\$3.95 \$47.34		
Irrigation Equipment Tractors/Self-Propelled	1	Acre Acre	\$47.34 \$0.17	\$47.34 \$0.17	\$5,775.00 \$20.47
Implements	1	Acre	\$2.38	\$2.38	\$290.64
Equipment Investment	'	ACIE	φ2.30	φ2.30	φ230.04
Pickup/General Use Equipment	\$27.28	Dollars	9.00%	\$2.45	\$299.50
Irrigation Equipment	\$571.72	Dollars	9.00%	\$51.45	\$6,277.50
Tractors/Self-Propelled	\$1.31	Dollars	9.00%	\$0.12	\$14.35
Implements	\$10.19	Dollars	9.00%	\$0.92	\$111.90
Cash Rent - Corn	1	Acre	\$200.00	\$200.00	\$24,400.00
Total Fixed Costs		5.0		\$308.78	\$37,671.30
Total Specified Costs				\$1,207.65	\$147,333.60
Total Opcomed Costs				Ψ1,207.00	φ177,333.00
Returns Above Specified Costs				(\$3.90)	(\$476.10)
Breakeven Price to Cover Total Costs			\$5.37	Bushel	

	Example Breakeven Prices						
Example	Example	To Cover	To Cover				
Yield	Yield	Variable	Total				
Percent	Bushel	Costs	Costs				
75%	168.75	\$5.33	\$7.16				
90%	202.50	\$4.44	\$5.96				
100%	225.00	\$3.99	\$5.37				
110%	247.50	\$3.63	\$4.88				
125%	281.25	\$3.20	\$4.29				

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Corn Silage, Bt, Sprinkler Irrigated (NG) Panhandle Extension District - 1

122 Crop Acres Enterprise **REVENUE** Quantity Units \$/Unit Total Total Corn Silage 27.00 \$60.00 \$1,620.00 \$197,640.00 Ton Total Revenue \$1,620.00 \$197,640.00 Enterprise VARIABLE COSTS Quantity Units \$/Unit Total Total **Production Costs** Custom Fertilizer Application - ANH3 Acre \$18.00 \$18.00 \$2,196,00 Harvest and Haul - Corn Silage 27 Ton \$12.50 \$337.50 \$41,175.00 Fertilizer Fertilizer (P) - Liquid 90 Pound \$0.88 \$79.38 \$9,684.36 Fertilizer (N) - ANH3 160 Pound \$0.43 \$68.32 \$8,335,04 Fertilizer (N) - Liquid 95 Pound \$0.58 \$54.91 \$6,699.02 Herbicide Herbicide - Corn Preplant 1 Acre \$46.25 \$46.25 \$5,642.50 Herbicide - Corn Postplant \$51.00 \$51.00 \$6,222.00 1 Acre Insecticide \$45.00 \$45.00 \$5,490.00 Miticide Acre Insecticide and Apply Corn Silage Acre \$0.00 \$0.00 \$0.00 Miscellaneous \$45.00 \$45.00 \$5,490.00 Crop Insurance Corn Silage Irrigated 1 Acre Seed Seed - Corn Silage 0.44 Bag \$300.00 \$132.00 \$16,104.00 Irrigation \$9,272.00 \$76.00 **Energy Cost** 20.00 Acrelnch \$3.80 Irrigation Labor 1.28 Hour \$17.94 \$22.96 \$2,801.51 Machinery Labor Tractors/Self-Propelled 0.35 Hour \$17.65 \$6.18 \$753.66 Other Labor \$7.41 \$904.39 0.42 Hour \$17.65 Diesel Fuel Tractors/Self-Propelled 2.21 Gallon \$3.10 \$6.85 \$835.82 Gasoline Pickup/General Use Equipment \$7.38 \$7.38 \$900.00 1 Acre Repairs & Maintenance Pickup/General Use Equipment Acre \$3.76 \$3.76 \$459.00 \$75.00 \$9,150.00 Irrigation Equipment Acre \$75.00 Interest on Credit Line 9.00% \$27.72 \$3,382.39 \$135,496,68 **Total Variable Costs** \$1,110,63 Planned Returns Above Variable Costs: \$509.37 \$62,143.32 Breakeven Price to Cover Variable Costs \$41.13 Ton Enterprise **FIXED COSTS** Quantity Units \$/Unit Total Total Machinery Depreciation Pickup/General Use Equipment Acre \$3.95 \$3.95 \$481.95 \$47.34 \$5,775.00 Irrigation Equipment Acre \$47.34 **Equipment Investment** Pickup/General Use Equipment \$27.28 **Dollars** 9.00% \$2.45 \$299.50 9.00% \$51.45 \$6,277.50 Irrigation Equipment \$571.72 **Dollars** \$24,400.00 Cash Rent - Corn Acre \$200.00 \$200.00 **Total Fixed Costs** \$305.20 \$37,233.95 \$1,415.82 **Total Specified Costs** \$172,730.63 Returns Above Specified Costs \$204.18 \$24,909.37 Breakeven Price to Cover Total Costs \$52.44 Ton

		Examp	le Breakeven Prices
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Ton	Costs	Costs
75%	20.25	\$54.85	\$69.92
90%	24.30	\$45.70	\$58.26
100%	27.00	\$41.13	\$52.44
110%	29.70	\$37.39	\$47.67
125%	33.75	\$32.91	\$41.95

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Cotton, Sprinkler Irrigated (Roundup Ready Flex) Panhandle Extension District - 1

EVENUE	Crop Acres	122				
Cotton Lint	·					Enterprise
Cottonseed 1.13 Ton \$225.00 \$253.13 \$30,881.25 \$1,583.13 \$30,881.25 \$1,583.13 \$168.301.25 \$1,580.125 \$1,580.125 \$1,580.125 \$1,580.125 \$1,580.125 \$1,580.125 \$1,580.125 \$1,580.125 \$1,580.125 \$1,580.125 \$1,580.125 \$1,580.125 \$1,580.125 \$1,580.125 \$1,580.125 \$1,580.125 \$1,580.00 \$1,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00 \$21,580.00	REVENUE					
VARIABLE COSTS	Cotton Lint	1,500.00	Pound	\$0.74	\$1,110.00	\$135,420.00
Production Costs	Cottonseed	1.13	Ton	\$225.00	\$253.13	\$30,881.25
MARIABLE COSTS	Total Revenue				\$1,363.13	\$166,301.25
Production Costs						Enterprise
Pertilizer Application 1 Acre \$7.50 \$7.50 \$915.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$		Quantity	Units	\$/Unit	Total	Total
Fertilizer Application						
Strip and Module - Cotton Ginning - Cotton Ginning - Cotton 15 CWT \$12.00 \$180.00 \$21,980.08 Fertilizer Fertilizer (P) - Dry Fertilizer (N) - Dry 65 Pound \$0.80 \$52.20 \$6,367.78 Fertilizer (N) - Dry Fertilizer (N) - Dry 135 Pound \$0.52 \$70.47 \$8,597.34 Herbicide and Apply Preplant Herbicide and Apply Postemerge Insecticide and Apply Cotton Insecticide and Apply Cotton Insecticide and Apply Cotton Irrigated Insecticide Insecti						
Fertilizer Fer		-				
Fertilizer						
Fertilizer (P) - Dry		54.95	CWT	\$3.25	\$178.59	\$21,787.68
Fertilizer (N) - Dry						
Herbicide						
Herbicide and Apply Preplant 1 Acre \$60.15 \$60.15 \$7,338.30 Herbicide and Apply Postemerge 1 Acre \$49.00 \$49.00 \$5,978.00 Insecticide Insecticide and Apply Cotton 1 Acre \$15.73 \$15.73 \$1,919.06 Boll Weevil Assessment Irrigated 1 Acre \$58.00 \$58.00 \$7,076.00 Sed Sed Crop Insurance Cotton - Irrigated 1 Acre \$58.00 \$58.00 \$7,076.00 Sed Sed Cotton Crop Insurance Cotton - Irrigated 1 Acre \$58.00 \$97.50 \$11,895.00 Other Chemicals Harvest Aid Apply Cotton Irrigated 1 Acre \$36.25 \$36.25 \$4,422.50 Irrigation Labor Crop Insurance Cotton Irrigated 1 Acre \$3.80 \$53.20 \$6,490.40 Irrigation Labor Crop Insurance Cotton Irrigated 1 Acre \$3.80 \$53.20 \$6,490.40 Irrigation Labor Crop Insurance Cotton Irrigated Crop Insurance Cotton Irrigated Crop Insurance Cotton Irrigated Crop Insurance Cotton Irrigated Crop Insurance Cotton Irrigation Labor Crop Insurance Cotton Irrigated Crop Insurance Cotton Irrigation Labor Crop Insurance Cotton Irrigation Equipment Crop Insurance Cotton Irrigation Labor Crop Insurance Cotton Irrigation Equipment Crop Insurance Cotton Irrigated Crop Insurance Cotton Irrigation Equipment Crop Insurance Cott		135	Pound	\$0.52	\$70.47	\$8,597.34
Herbicide and Apply Postemerge 1						
Insecticide Insecticide and Apply Cotton 1 Acre \$15.73 \$15.73 \$1,919.06 Boll Weevil Assessment Irrigated 1 Acre \$1.00 \$1.00 \$122.00 Miscellaneous Crop Insurance Cotton - Irrigated 1 Acre \$58.00 \$58.00 \$7,076.00 Seed Seed - Cotton 0.26 Bag \$375.00 \$97.50 \$11,895.00 Other Chemicals Harvest Aid Apply Cotton Irrigated 1 Acre \$36.25 \$36.25 \$4,422.50 Irrigation Labor 0.77 Hour \$17.94 \$13.78 \$1,680.91 Machinery Labor Tractors/Self-Propelled 0.36 Hour \$17.65 \$6.35 \$77.24 \$882.85 Diesel Fuel Tractors/Self-Propelled 0.41 Hour \$17.65 \$6.35 \$77.24 \$882.85 Diesel Fuel Tractors/Self-Propelled 1.97 Gallon \$3.10 \$6.11 \$745.05 Gasoline Pickup/General Use Equipment 1 Acre \$4.26 \$4.26 \$520.20 Irrigation Equipment 1 Acre \$45.00 \$45.00 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90 \$54.90	,					
Insecticide and Apply Cotton 1 Acre \$15.73 \$15.73 \$19.06 Boll Weevil Assessment Irrigated 1 Acre \$1.00 \$1.00 \$122.00 Miscellaneous Crop Insurance Cotton - Irrigated 1 Acre \$58.00 \$58.00 \$7,076.00 Seed Seed - Cotton 0.26 Bag \$375.00 \$97.50 \$11,895.00 Other Chemicals Harvest Aid Apply Cotton Irrigated 1 Acre \$36.25 \$36.25 \$4,422.50 Irrigation Energy Cost 14.00 AcreInch \$3.80 \$53.20 \$6,490.40 Irrigation Labor 0.77 Hour \$17.94 \$13.78 \$1,680.91 Machinery Labor Tractors/Self-Propelled 0.36 Hour \$17.65 \$6.35 \$775.19 Other Labor 0.41 Hour 0.41 Other Labor	,	1	Acre	\$49.00	\$49.00	\$5,978.00
Boll Weevil Assessment Irrigated 1 Acre \$1.00 \$1.00 \$122.00						
Miscellaneous						
Seed Seed - Cotton Seed - Cotton 0.26 Bag Sapt - Cotton \$58.00 \$7,076.00 Other Chemicals Harvest Aid Apply Cotton Irrigated Irrigation 1 Acre Sa6.25 \$36.25 \$4,422.50 Irrigation Energy Cost Irrigation Labor Irrigation Labor Tractors/Self-Propelled Oncompany Labor Tractors/Self-Propelled Oncompany Other Labor Tractors/Self-Propelled Oncompany Other Labor Tractors/Self-Propelled Oncompany Other Labor Tractors/Self-Propelled Tract		1	Acre	\$1.00	\$1.00	\$122.00
Seed - Cotton O.26 Bag \$375.00 \$97.50 \$11,895.00 Other Chemicals Harvest Aid Apply Cotton Irrigated 1 Acre \$36.25 \$36.25 \$4,422.50 Irrigation Energy Cost 14.00 Acrelnch \$3.80 \$53.20 \$6,490.40 Irrigation Labor O.77 Hour \$17.94 \$13.78 \$1,680.91 Machinery Labor Tractors/Self-Propelled O.36 Hour \$17.65 \$6.35 \$775.19 Other Labor O.41 Hour \$17.65 \$6.35 \$775.19 Other Labor Other Labor O.41 Hour \$17.65 \$6.35 \$775.19 Other Labor Other L						
Seed - Cotton Other Chemicals Harvest Aid Apply Cotton Irrigater Harvest Aid Apply Cotton Irrigater 1 Acre \$36.25 \$36.25 \$4,422.50 Irrigation Energy Cost Irrigation Labor 14.00 Acrelnch S.3.80 \$53.20 \$6,490.40 Irrigation Labor 0.77 Hour \$17.94 \$13.78 \$1,680.91 Machinery Labor Tractors/Self-Propelled Other Labor Other Department Other O		1	Acre	\$58.00	\$58.00	\$7,076.00
Other Chemicals Harvest Aid Apply Cotton Irrigated 1 Acre \$36.25 \$36.25 \$4,422.50 Irrigation Energy Cost Irrigation Labor 14.00 Acrelnch Acrelnch \$3.80 \$53.20 \$6,490.40 Machinery Labor Tractors/Self-Propelled Other Labor 0.36 Hour Hour \$17.65 \$6.35 \$775.19 Other Labor Other Labor 0.41 Hour Hour \$17.65 \$6.35 \$775.19 Gasoline Pickup/General Use Equipment Pickup/General Use Equipment 1 Acre \$8.36 \$8.36 \$1,020.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$4.26 \$4.26 \$520.20 Interest on Credit Line 9.00% \$24.94 \$3,530.78 Total Variable Costs 9.00% \$28.94 \$3,530.78 Planned Returns Above Variable Costs: Breakeven Price to Cover Variable Costs \$0.48 Pount Enterprise FIXED COSTS Quantity Units \$/Unit Total Enterprise Equipment Investment Pickup/General Use Equipment Irrigation Equipment 1 Acre \$4.48 \$4.48 \$546.2						
Harvest Aid Apply Cotton Irrigated 1 Acre \$36.25 \$36.25 \$4,422.50	Seed - Cotton	0.26	Bag	\$375.00	\$97.50	\$11,895.00
Irrigation Energy Cost 14.00 Acrelnch \$3.80 \$53.20 \$6,490.40 Irrigation Labor 0.77 Hour \$17.94 \$13.78 \$1,680.91 Machinery Labor Tractors/Self-Propelled 0.36 Hour \$17.65 \$6.35 \$775.19 Other Labor 0.41 Hour \$17.65 \$6.35 \$775.19 Other Labor 0.41 Hour \$17.65 \$7.24 \$882.85 Diesel Fuel Tractors/Self-Propelled 1.97 Gallon \$3.10 \$6.11 \$745.05 \$635 \$775.19 Other Labor 775.19 Ot	Other Chemicals					
Energy Cost	Harvest Aid Apply Cotton Irrigated	1	Acre	\$36.25	\$36.25	\$4,422.50
Irrigation Labor 0.77 Hour \$17.94 \$13.78 \$1,680.91 Machinery Labor Tractors/Self-Propelled 0.36 Hour \$17.65 \$6.35 \$775.19 Other Labor 0.41 Hour \$17.65 \$7.24 \$882.85 Diesel Fuel Tractors/Self-Propelled 1.97 Gallon \$3.10 \$6.11 \$745.05 Gasoline Pickup/General Use Equipment 1 Acre \$8.36 \$8.36 \$1,020.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$4.26 \$4.26 \$520.20 Irrigation Equipment 1 Acre \$45.00 \$45.00 \$5,490.00 Interest on Credit Line 9.00% \$28.94 \$3,530.78 Total Variable Costs \$383.50 \$46,787.20 Planned Returns Above Variable Costs: \$0.48 Pound Enterprise FIXED COSTS Quantity Units \$\sqrt{Units} \sqrt{Vulit} \text{Total} \text{Total} \text{Total} \text{Total} \text{Total} \text{Total} \text{Total} \text{Total} \text{Total} \text{Total} \text{Total} \text{Total} \text{Total} \text{Total} \text{Total} \text{Total} \text{Total} \text{Total} \text{Total}	Irrigation					
Machinery Labor Tractors/Self-Propelled Other Labor 0.36 Other Labor Hour \$17.65 \$6.35 \$7.24 \$882.85 Diesel Fuel Tractors/Self-Propelled		14.00	AcreInch		\$53.20	\$6,490.40
Tractors/Self-Propelled Other Labor 0.36 Other Labor Hour \$17.65 \$6.35 \$775.19 St.24 Diesel Fuel Tractors/Self-Propelled Tractors/Self-Propell	Irrigation Labor	0.77	Hour	\$17.94	\$13.78	\$1,680.91
Other Labor Diesel Fuel Tractors/Self-Propelled Tractors/Self-	Machinery Labor					
Diesel Fuel						\$775.19
Tractors/Self-Propelled 1.97 Gallon \$3.10 \$6.11 \$745.05	Other Labor	0.41	Hour	\$17.65	\$7.24	\$882.85
Pickup/General Use Equipment 1 Acre \$8.36 \$8.36 \$1,020.00	Diesel Fuel					
Pickup/General Use Equipment Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$4.26 \$4.26 \$520.20	Tractors/Self-Propelled	1.97	Gallon	\$3.10	\$6.11	\$745.05
Repairs & Maintenance	Gasoline					
Pickup/General Use Equipment		1	Acre	\$8.36	\$8.36	\$1,020.00
Irrigation Equipment 1 Acre \$45.00 \$45.00 \$5,490.00 Interest on Credit Line 9.00% \$28.94 \$3,530.78 Total Variable Costs \$979.62 \$119,514.05 Planned Returns Above Variable Costs: \$383.50 \$46,787.20 Breakeven Price to Cover Variable Costs \$0.48 Pound FIXED COSTS Quantity Units \$\sqrt{Unit} Total Total Machinery Depreciation Pickup/General Use Equipment 1 Acre \$44.48 \$4.48 \$546.21 Irrigation Equipment 1 Acre \$33.50 \$33.50 \$4,087.50 Equipment Investment Pickup/General Use Equipment \$30.91 Dollars 9.00% \$2.78 \$339.43 Irrigation Equipment \$470.29 Dollars 9.00% \$42.33 \$5,163.75 Cash Rent - Cotton Irrigated 1 Acre \$125.00 \$125.00 \$15,250.00 Total Fixed Costs \$208.09 \$25,386.89 Total Specified Costs \$1,187.71 \$144,900.94 Returns Above Specified Costs \$175.41 \$21,400.31	Repairs & Maintenance					
Interest on Credit Line	Pickup/General Use Equipment	1	Acre	\$4.26	\$4.26	\$520.20
Syr9.62 \$119,514.05		1	Acre			\$5,490.00
Planned Returns Above Variable Costs Sass.50 \$46,787.20	Interest on Credit Line			9.00%	\$28.94	\$3,530.78
Solidar	Total Variable Costs				\$979.62	\$119,514.05
FIXED COSTS Quantity Units \$/Unit Total Enterprise Total Machinery Depreciation Pickup/General Use Equipment Irrigation Equipment Irrigation Equipment Pickup/General Use Equipment Pickup/General Use Equipment Pickup/General Use Equipment Irrigation Equipment Irrigation Equipment Irrigation Equipment Irrigation Equipment Irrigation Equipment Irrigation Equipment If Acre If Acre If Itrigation Equipment If Itrigation Equipment If Itrigation Equipment If Itrigation Equipment If Itrigation Equipment If Itrigation Equipment If Itrigation Equipment If Itrigation Equipment If Itrigation Equipment If Itrigation Equipment If Itrigation Equipment If Itrigation Equipment If Itrigation Equipment	Planned Returns Above Variable Costs:				\$383.50	\$46,787.20
Machinery Depreciation	Breakeven Price to Cover Variable Costs			\$0.48	Pound	
Machinery Depreciation 1 Acre \$4.48 \$4.48 \$546.21 Irrigation Equipment 1 Acre \$33.50 \$33.50 \$4,087.50 Equipment Investment Pickup/General Use Equipment \$30.91 Dollars 9.00% \$2.78 \$339.43 Irrigation Equipment \$470.29 Dollars 9.00% \$42.33 \$5,163.75 Cash Rent - Cotton Irrigated 1 Acre \$125.00 \$125.00 \$15,250.00 Total Fixed Costs \$208.09 \$25,386.89 Total Specified Costs \$1,187.71 \$144,900.94 Returns Above Specified Costs \$175.41 \$21,400.31						Enterprise
Pickup/General Use Equipment Irrigation Equipment 1 Acre \$4.48 \$4.48 \$546.21 Equipment Investment Pickup/General Use Equipment Irrigation Equipment \$30.91 Dollars 9.00% \$2.78 \$339.43 Irrigation Equipment Cash Rent - Cotton Irrigated \$470.29 Dollars 9.00% \$42.33 \$5,163.75 Cash Rent - Cotton Irrigated 1 Acre \$125.00 \$125.00 \$15,250.00 Total Fixed Costs \$208.09 \$25,386.89 Total Specified Costs \$1,187.71 \$144,900.94 Returns Above Specified Costs \$175.41 \$21,400.31	FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Irrigation Equipment 1 Acre \$33.50 \$33.50 \$4,087.50	Machinery Depreciation					
Equipment Investment	Pickup/General Use Equipment	1	Acre	\$4.48	\$4.48	\$546.21
Pickup/General Use Equipment Irrigation Equipment \$30.91 Pk 470.29 Dollars Pk 470.29 9.00% Pk 42.33 \$339.43 Cash Rent - Cotton Irrigated 1 Acre \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00	Irrigation Equipment	1	Acre	\$33.50	\$33.50	\$4,087.50
Irrigation Equipment \$470.29 Dollars 9.00% \$42.33 \$5,163.75	Equipment Investment					
Cash Rent - Cotton Irrigated 1 Acre \$125.00 \$125.00 \$15,250.00 Total Fixed Costs \$208.09 \$25,386.89 Total Specified Costs \$1,187.71 \$144,900.94 Returns Above Specified Costs \$175.41 \$21,400.31	Pickup/General Use Equipment	\$30.91	Dollars	9.00%	\$2.78	\$339.43
Total Fixed Costs \$208.09 \$25,386.89 Total Specified Costs \$1,187.71 \$144,900.94 Returns Above Specified Costs \$175.41 \$21,400.31	Irrigation Equipment	\$470.29	Dollars	9.00%	\$42.33	\$5,163.75
Total Specified Costs \$1,187.71 \$144,900.94 Returns Above Specified Costs \$175.41 \$21,400.31	Cash Rent - Cotton Irrigated	1	Acre	\$125.00	\$125.00	\$15,250.00
Total Specified Costs \$1,187.71 \$144,900.94 Returns Above Specified Costs \$175.41 \$21,400.31	Total Fixed Costs				\$208.09	\$25,386.89
Returns Above Specified Costs \$175.41 \$21,400.31	Total Specified Costs					
						. , ,
Breakeven Price to Cover Total Costs \$0.62 Pound	Returns Above Specified Costs				\$175.41	\$21,400.31
	Breakeven Price to Cover Total Costs			\$0.62	Pound	

		Examp	le Breakeven Prices
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Pound	Costs	Costs
75%	1125.00	\$0.65	\$0.83
90%	1350.00	\$0.54	\$0.69
100%	1500.00	\$0.48	\$0.62
110%	1650.00	\$0.44	\$0.57
125%	1875.00	\$0.39	\$0.50

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Cotton, Dryland (Roundup Ready Flex) Panhandle Extension District - 1

Crop Acres	160				
					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total
Cotton Lint Cottonseed	400.00 0.30	Pound Ton	\$0.74 \$225.00	\$296.00 \$67.50	\$47,360.00
Total Revenue	0.30	1011	φ225.00	\$363.50	\$10,800.00 \$58,160.00
Total nevertue				\$303.50	Enterprise
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs	Quartity	OTITE	φιστιιτ	Total	Total
Custom					
Fertilizer Application	1	Acre	\$7.50	\$7.50	\$1,200.00
Strip and Module - Cotton	4	CWT	\$12.00	\$48.00	\$7,680.00
Ginning - Cotton	18	CWT	\$3.25	\$58.50	\$9,360.00
Fertilizer					
Fertilizer (P) - Dry	20	Pound	\$0.80	\$16.06	\$2,569.60
Fertilizer (N) - Dry	30	Pound	\$0.52	\$15.66	\$2,505.60
Herbicide		A	#00.45	000.45	#0.004.00
Herbicide and Apply Preplant	1	Acre	\$60.15	\$60.15	\$9,624.00
Herbicide and Apply Postemerge Dry Insecticide	1	Acre	\$33.49	\$33.49	\$5,358.40
Insecticide and Apply Cotton	0.5	Acre	\$15.73	\$7.87	\$1,258.40
Boll Weevil Assessment Dryland	1	Acre	\$1.00	\$1.00	\$1,256.40
Miscellaneous		Acie	\$1.00	Ψ1.00	\$100.00
Crop Insurance Cotton - Dryland	1	Acre	\$25.00	\$25.00	\$4,000.00
Seed	-		+		+ 1,000.00
Seed - Cotton Dryland	0.18	Bag	\$335.00	\$60.30	\$9,648.00
Other Chemicals					
Harvest Aid Apply Cotton Dryland	0.5	Acre	\$36.25	\$18.13	\$2,900.00
Machinery Labor					
Tractors/Self-Propelled	0.3	Hour	\$17.65	\$5.30	\$847.20
Other Labor	0.35	Hour	\$17.65	\$6.18	\$988.40
Diesel Fuel					
Tractors/Self-Propelled	1.74	Gallon	\$3.10	\$5.39	\$863.04
Gasoline		_			
Pickup/General Use Equipment	1	Acre	\$4.88	\$4.88	\$780.00
Repairs & Maintenance		A	#0.40	#0.40	4007.00
Pickup/General Use Equipment	1 1	Acre	\$2.49 \$3.29	\$2.49	\$397.80
Tractors/Self-Propelled	1	Acre Acre	\$3.29 \$5.62	\$3.29 \$5.62	\$525.70
Implements Interest on Credit Line	1	Acre	9.00%	\$5.62 \$15.11	\$898.85 \$2,416.99
Total Variable Costs			3.00 /6	\$399.89	\$63,981.99
Planned Returns Above Variable Costs:			=	(\$36.39)	(\$5,821.99)
Breakeven Price to Cover Variable Costs			\$0.83	Pound	(\$5,621.99)
breakeven Filce to Cover variable Costs			φυ.οσ	rouliu	Enterprise
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation	Quartity	OTITE	φιστιιτ	Total	Total
Pickup/General Use Equipment	1	Acre	\$2.61	\$2.61	\$417.69
Tractors/Self-Propelled	1	Acre	\$3.25	\$3.25	\$519.47
Implements	1	Acre	\$6.91	\$6.91	\$1,104.89
Equipment Investment					
Pickup/General Use Equipment	\$18.03	Dollars	9.00%	\$1.62	\$259.56
Tractors/Self-Propelled	\$25.29	Dollars	9.00%	\$2.28	\$364.22
Implements	\$29.54	Dollars	9.00%	\$2.66	\$425.38
Cash Rent - Cotton Dryland	1	Acre	\$30.00	\$30.00	\$4,800.00
Total Fixed Costs			-	\$49.32	\$7,891.21
Total Specified Costs			-	\$449.21	\$71,873.20
Returns Above Specified Costs			=	(\$85.71)	(\$13,713.20)
Progkovan Pring to Cover Tatal Costs			¢ በ በE	Pound	
Breakeven Price to Cover Total Costs			\$0.95	Pound	

		Exampl	le Breakeven Prices
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Pound	Costs	Costs
75%	300.00	\$1.11	\$1.27
90%	360.00	\$0.92	\$1.06
100%	400.00	\$0.83	\$0.95
110%	440.00	\$0.76	\$0.87
125%	500.00	\$0.66	\$0.76

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Peanuts, Runner, Sprinkler Irrigated Panhandle Extension District - 1

Crop Acres 122

Crop Acres	122				
			****		Enterprise
REVENUE Peanuts - Runner	Quantity 2.25	Units Ton	\$/Unit \$600.00	Total \$1,350.00	Total \$164,700.00
Total Revenue	2.23	1011	φουυ.υυ	\$1,350.00	\$164,700.00
Total Nevenue				\$1,350.00	Enterprise
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Custom					
Fertilizer Application	1	Acre	\$7.50	\$7.50	\$915.00
Dig and Shake	1	Acre	\$30.00	\$30.00	\$3,660.00
Harvest and Haul - Peanuts	2.25	Ton	\$60.00	\$135.00	\$16,470.00
Drying - Peanuts Fertilizer	2.25	Ton	\$20.00	\$45.00	\$5,490.00
Fertilizer (P) - Dry	50	Pound	\$0.80	\$40.15	\$4,898.30
Fertilizer (N) - Dry	80	Pound	\$0.52	\$41.76	\$5,094.72
Herbicide	00	round	Ψ0.02	Ψ+1.70	ψ0,004.72
Herbicide - Peanut	1	Acre	\$50.15	\$50.15	\$6,118.30
Insecticide					
Insecticide and Apply Peanut Miscellaneous	1	Application	\$15.73	\$15.73	\$1,919.06
Crop Insurance Peanuts - Irrigated Seed	1	Acre	\$65.00	\$65.00	\$7,930.00
Seed - Peanut	100	Pound	\$0.95	\$95.00	\$11,590.00
Innoculant Peanut	1	Acre	\$6.60	\$6.60	\$805.20
Fungicides					
Fungicide and Apply Peanut Other Labor	3	Application	\$25.70	\$77.10	\$9,406.20
Hoeing - Peanut Irrigation	1	Acre	\$27.14	\$27.14	\$3,311.08
Energy Cost	21.00	Acrelnch	\$3.80	\$79.80	\$9,735.60
Irrigation Labor	1.34	Hour	\$17.94	\$24.11	\$2,941.59
Machinery Labor			*****		4=,0 11100
Tractors/Self-Propelled	0.52	Hour	\$17.65	\$9.18	\$1,119.72
Other Labor	0.6	Hour	\$17.65	\$10.59	\$1,291.98
Diesel Fuel					
Tractors/Self-Propelled	2.99	Gallon	\$3.10	\$9.27	\$1,130.82
Gasoline					
Pickup/General Use Equipment Repairs & Maintenance	1	Acre	\$4.92	\$4.92	\$600.00
Pickup/General Use Equipment	1	Acre	\$2.51	\$2.51	\$306.00
Irrigation Equipment	1	Acre	\$78.75	\$78.75	\$9,607.50
Tractors/Self-Propelled	1	Acre	\$5.31	\$5.31	\$647.87
Implements	1	Acre	\$12.67	\$12.67	\$1,545.87
Interest on Credit Line			9.00%	\$26.16	\$3,191.06
Total Variable Costs				\$899.39	\$109,725.85
Planned Returns Above Variable Costs:			•	\$450.61	\$54,974.15
Breakeven Price to Cover Variable Costs			\$399.73	Ton	
FIVED COOTS		11. 2	6 /11 **	-	Enterprise
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation Pickup/General Use Equipment	1	Acre	\$2.63	\$2.63	\$321.30
Irrigation Equipment	1	Acre	\$2.03 \$47.34	\$2.03 \$47.34	\$5,775.00
Tractors/Self-Propelled	1	Acre	\$5.38	\$5.38	\$655.82
Implements	1	Acre	\$14.73	\$14.73	\$1,796.56
Equipment Investment			******	*******	4.7.00.00
Pickup/General Use Equipment	\$18.18	Dollars	9.00%	\$1.64	\$199.67
Irrigation Equipment	\$571.72	Dollars	9.00%	\$51.45	\$6,277.50
Tractors/Self-Propelled	\$41.88	Dollars	9.00%	\$3.77	\$459.81
Implements	\$62.99	Dollars	9.00%	\$5.67	\$691.68
Cash Rent - Peanuts	1	Acre	\$125.00	\$125.00	\$15,250.00
Total Fixed Costs				\$257.60	\$31,427.33
Total Specified Costs				\$1,156.99	\$141,153.18
Returns Above Specified Costs				\$193.01	\$23,546.82
Breakeven Price to Cover Total Costs			\$514.22	Ton	

		Examp	le Breakeven Prices
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Ton	Costs	Costs
75%	1.69	\$532.97	\$685.63
90%	2.03	\$444.14	\$571.35
100%	2.25	\$399.73	\$514.22
110%	2.48	\$363.39	\$467.47
125%	2.81	\$319.78	\$411.38

 $Developed \ by \ Justin \ Benavidez, \ Assistant \ Professor, \ Texas \ A\&M \ AgriLife \ Extension, 806-677-5600.$

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Rotation, Sorghum-Fallow-Wheat, Minimum Till, Sorghum Panhandle Extension District - 1

Crop Acres 160

DEVENUE	0	I I alia	Φ/I I '-	Takal	Enterprise
REVENUE	Quantity 25.00	Units CWT	\$/Unit	Total	Total
Grain Sorghum	25.00	CWI	\$8.25	\$206.25	\$33,000.00
Total Revenue				\$206.25	\$33,000.00
VARIABLE COCTO	0	11-24-	Φ/I I = !+	T-4-1	Enterprise
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Custom		A	¢10.00	#10.00	#0.000.00
Fertilizer Application - ANH3	1		\$18.00	\$18.00	\$2,880.00
Custom Harvest - Sorghum Dryland	1		\$35.00	\$35.00	\$5,600.00
Custom Haul - Sorghum Dryland	25	CWT	\$0.35	\$8.75	\$1,400.00
Fertilizer (A) ANULO	40	Б	40.40	447.00	#0 7 00 00
Fertilizer (N) - ANH3	40	Pound	\$0.43	\$17.08	\$2,732.80
Herbicide			440 F0	040 50	#7.000.00
Herbicide and Apply Sorghum	1	Acre	\$49.50	\$49.50	\$7,920.00
Insecticide			***	** **	** *** ***
Insecticide Head Worm		Application	\$27.50	\$9.08	\$1,452.00
Insecticide Sugar Cane Aphid	1	Application	\$21.00	\$21.00	\$3,360.00
Miscellaneous	_				
Crop Insurance Sorghum - Dryland	1	Acre	\$20.00	\$20.00	\$3,200.00
Seed					
Seed - Sorghum	2.25	Pound	\$3.20	\$7.20	\$1,152.00
Machinery Labor					
Tractors/Self-Propelled	0.13		\$17.65	\$2.29	\$367.12
Other Labor	0.15	Hour	\$17.65	\$2.65	\$423.60
Diesel Fuel					
Tractors/Self-Propelled	0.88	Gallon	\$3.10	\$2.73	\$436.48
Gasoline					
Pickup/General Use Equipment	1	Acre	\$4.88	\$4.88	\$780.00
Repairs & Maintenance					
Pickup/General Use Equipment	1		\$2.49	\$2.49	\$397.80
Tractors/Self-Propelled	1		\$2.06	\$2.06	\$329.61
Implements	1	Acre	\$3.94	\$3.94	\$630.64
Interest on Credit Line			9.00%	\$5.85	\$935.50
Total Variable Costs				\$212.48	\$33,997.55
Planned Returns Above Variable Costs:			•	(\$6.23)	(\$997.55)
Breakeven Price to Cover Variable Costs			\$8.50	CWT	
					Enterprise
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation	•				
Pickup/General Use Equipment	1	Acre	\$2.61	\$2.61	\$417.69
Tractors/Self-Propelled	1	Acre	\$2.09	\$2.09	\$333.88
Implements	1	Acre	\$5.14	\$5.14	\$821.66
Equipment Investment					
Pickup/General Use Equipment	\$18.03	Dollars	9.00%	\$1.62	\$259.56
Tractors/Self-Propelled	\$16.26	Dollars	9.00%	\$1.46	\$234.10
Implements	\$21.97	Dollars	9.00%	\$1.98	\$316.34
Cash Rent - Sorghum	1	Acre	\$30.00	\$30.00	\$4,800.00
Total Fixed Costs			'	\$44.90	\$7,183.23
Total Specified Costs			;	\$257.38	\$41,180.78
. ota. oposinou oooto			;	Ψ207.00	ψ-1,100.70
Returns Above Specified Costs				(\$51.13)	(\$8,180.78)
Breakeven Price to Cover Total Costs			\$10.30	CWT	

		_	
		Examp	le Breakeven Prices
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	CWT	Costs	Costs
75%	18.75	\$11.33	\$13.73
90%	22.50	\$9.44	\$11.44
100%	25.00	\$8.50	\$10.30
110%	27.50	\$7.73	\$9.36
125%	31.25	\$6.80	\$8.24

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Rotation, Sorghum-Fallow-Wheat, Minimum Till, Fallow Panhandle Extension District - 1

Crop Acres	160

·					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total
Total Revenue				\$0.00	\$0.00
					Enterprise
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Herbicide					
Herbicide and Apply Fallow	2	Acre	\$28.02	\$56.04	\$8,966.40
Machinery Labor					
Tractors/Self-Propelled	0.1	Hour	\$17.65	\$1.77	\$282.40
Other Labor	0.12	Hour	\$17.65	\$2.12	\$338.88
Diesel Fuel					
Tractors/Self-Propelled	0.78	Gallon	\$3.10	\$2.42	\$386.88
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$2.05	\$2.05	\$327.34
Implements	1	Acre	\$2.41	\$2.41	\$385.35
Interest on Credit Line			9.00%	\$3.29	\$527.00
Total Variable Costs				\$70.09	\$11,214.26
Planned Returns Above Variable Costs:			·	(\$70.09)	(\$11,214.26)
Breakeven Price to Cover Variable Costs			n/a		
					Enterprise
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$2.11	\$2.11	\$338.25
Implements	1	Acre	\$3.10	\$3.10	\$495.45
Equipment Investment					
Tractors/Self-Propelled	\$16.47	Dollars	9.00%	\$1.48	\$237.16
Implements	\$13.25	Dollars	9.00%	\$1.19	\$190.75
Cash Rent - Wheat Dryland	1	Acre	\$30.00	\$30.00	\$4,800.00
Total Fixed Costs				\$37.89	\$6,061.62
Total Specified Costs			_	\$107.97	\$17,275.87
Returns Above Specified Costs				(\$107.97)	(\$17,275.87)
Breakeven Price to Cover Total Costs			n/a		

		Examp	le Breakeven Prices
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent		Costs	Costs
75%	0.00	\$0.00	\$0.00
90%	0.00	\$0.00	\$0.00
100%	0.00	\$0.00	\$0.00
110%	0.00	\$0.00	\$0.00
125%	0.00	\$0.00	\$0.00

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Rotation, Sorghum-Fallow-Wheat, Minimum Till, Wheat with Grazing Panhandle Extension District - 1

Crop Acres	160				
					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total
Wheat	26.00	Bushel	\$5.75	\$149.50	\$23,920.00
Grazing - Wheat	73.00	Pound	\$0.90	\$65.70	\$10,512.00
Total Revenue			_	\$215.20	\$34,432.00
					Enterprise
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Seed					
Seed - Wheat Dryland	1	Bushel	\$12.50	\$12.50	\$2,000.00
Fertilizer					
Fertilizer (N) - Dry	30	Pound	\$0.52	\$15.66	\$2,505.60
Custom					
Fertilizer Application	1	Acre	\$7.50	\$7.50	\$1,200.00
Custom Harvest - Wheat	1	Acre	\$35.00	\$35.00	\$5,600.00
Custom Haul - Wheat	26	Bushel	\$0.35	\$9.10	\$1,456.00
Machinery Labor			·		
Tractors/Self-Propelled	0.05	Hour	\$17.65	\$0.88	\$141.20
Other Labor	0.05	Hour	\$17.65	\$0.88	\$141.20
Diesel Fuel			******	*****	******
Tractors/Self-Propelled	0.2	Gallon	\$3.10	\$0.62	\$99.20
Gasoline			******	****	*****
Pickup/General Use Equipment	1	Acre	\$4.88	\$4.88	\$780.00
Repairs & Maintenance	•	7.0.0	Ψσσ	40	Ψ, σσισσ
Pickup/General Use Equipment	1	Acre	\$2.49	\$2.49	\$397.80
Tractors/Self-Propelled	1	Acre	\$0.24	\$0.24	\$38.34
Implements	1	Acre	\$1.66	\$1.66	\$264.81
Interest on Credit Line	•	71010	9.00%	\$1.72	\$274.42
Total Variable Costs			0.0070	\$93.12	\$14,898.57
Planned Returns Above Variable Costs:			=	\$122.08	\$19,533.43
Breakeven Price to Cover Variable Costs			¢1.05 D.	φιΖΖ.06 ushel	\$19,555.45
breakeven Frice to Cover variable Costs			\$1.05 B	usnei	Cutows vice
FIVED COCTC	0	l laita	ф/I I : +	Tatal	Enterprise Total
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation	4	A	#0.01	\$2.61	¢417.00
Pickup/General Use Equipment	1	Acre	\$2.61		\$417.69
Tractors/Self-Propelled	1	Acre	\$0.20	\$0.20	\$31.70
Implements	1	Acre	\$2.13	\$2.13	\$340.47
Equipment Investment	#10.00	Delle	0.000/	#4.00	#050.50
Pickup/General Use Equipment	\$18.03	Dollars	9.00%	\$1.62	\$259.56
Tractors/Self-Propelled	\$1.54	Dollars	9.00%	\$0.14	\$22.22
Implements	\$9.10	Dollars	9.00%	\$0.82	\$131.08
Cash Rent - Wheat Dryland	1	Acre	\$30.00	\$30.00	\$4,800.00
Total Fixed Costs			=	\$37.52	\$6,002.72
Total Specified Costs			_	\$130.63	\$20,901.29
Returns Above Specified Costs				\$84.57	\$13,530.71
Breakeven Price to Cover Total Costs			\$2.50 Bı	ushel	

		Examp	le Breakeven Prices
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Bushel	Costs	Costs
75%	19.50	\$1.41	\$3.33
90%	23.40	\$1.17	\$2.77
100%	26.00	\$1.05	\$2.50
110%	28.60	\$0.96	\$2.27
125%	32.50	\$0.84	\$2.00

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Continuous Sorghum, Sprinkler Irrigated (NG) Panhandle Extension District - 1

	Crop Acres	122				
						Enterprise
REVENUE		Quantity	Units	\$/Unit	Total	Total
Grain S	•	60.00	CWT	\$8.25	\$495.00	\$60,390.00
Total Rever	nue				\$495.00	\$60,390.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production		Quantity	Offics	φ/OIIIt	TOtal	Total
Herbici						
TICIBION	Herbicide and Apply Sorghum Irrig.	1	Acre	\$57.75	\$57.75	\$7,045.50
Seed	теление и при при при при при при при при при п			******	4	41,721212
	Seed - Sorghum	4	Pound	\$3.20	\$12.80	\$1,561.60
Fertilize						
	Fertilizer (N) - ANH3	60	Pound	\$0.43	\$25.62	\$3,125.64
	Fertilizer (P) - Liquid	40	Pound	\$0.88	\$35.28	\$4,304.16
	Fertilizer (N) - Liquid	50	Pound	\$0.58	\$28.90	\$3,525.80
Custom	1					
	Fertilizer Application - ANH3	1	Acre	\$18.00	\$18.00	\$2,196.00
	Harvest and Haul - Sorghum	60	CWT	\$1.00	\$60.00	\$7,320.00
Miscell	aneous					
	Crop Insurance Sorghum - Irrigated	1	Acre	\$30.00	\$30.00	\$3,660.00
Insection						
	Insecticide Head Worm	0.67	Application	\$27.50	\$18.43	\$2,247.85
	Insecticide Sugar Cane Aphid	1	Application	\$21.00	\$21.00	\$2,562.00
Irrigatio						
	Energy Cost	10.00	AcreInch	\$3.80		\$4,636.00
	Irrigation Labor	0.90	Hour	\$17.94	\$16.07	\$1,961.06
Machin	ery Labor					
	Tractors/Self-Propelled	0.16	Hour	\$17.65		\$344.53
	Other Labor	0.19	Hour	\$17.65	\$3.35	\$409.13
Diesel F						
	Tractors/Self-Propelled	1.09	Gallon	\$3.10	\$3.38	\$412.24
Gasolin		_	_			
	Pickup/General Use Equipment	1	Acre	\$4.92	\$4.92	\$600.00
Repairs	& Maintenance	_	_			
	Pickup/General Use Equipment	1	Acre	\$2.51	\$2.51	\$306.00
	Irrigation Equipment	1	Acre	\$37.50		\$4,575.00
	Tractors/Self-Propelled	1	Acre	\$2.55		\$311.52
	Implements	1	Acre	\$6.25		\$762.61
	on Credit Line			9.00%		\$1,653.91
Total Varial					\$438.69	\$53,520.53
	turns Above Variable Costs:				\$56.31	\$6,869.47
Breake	ven Price to Cover Variable Costs			\$7.31	CWT	
EIVED 000				****		Enterprise
FIXED COS		Quantity	Units	\$/Unit	Total	Total
Machin	ery Depreciation			***	#0.00	4004.00
	Pickup/General Use Equipment	1	Acre	\$2.63		\$321.30
	Irrigation Equipment	1	Acre	\$47.34		\$5,775.00
	Tractors/Self-Propelled	1	Acre	\$2.60		\$316.78
Fautan	Implements ent Investment	1	Acre	\$7.72	\$7.72	\$941.49
Equipii	Pickup/General Use Equipment	\$18.18	Dollars	9.00%	\$1.64	\$199.67
	Irrigation Equipment	\$571.72		9.00%	, .	\$6,277.50
	Tractors/Self-Propelled	\$20.23		9.00%	\$1.82	\$222.11
	Implements	\$33.01	Dollars	9.00%		\$362.47
Cach Re	ent - Sorghum f	φ33.01	Acre	\$125.00		\$15,250.00
Total Fixed	•	•	Acic	Ψ123.00	\$243.17	\$29,666.31
Total Speci	neu Costs				\$681.86	\$83,186.84
Returns Ab	ove Specified Costs				(\$186.86)	(\$22,796.84)
Breakeve	n Price to Cover Total Costs			\$11.36	CWT	
		·	·		·	

		Examp	le Breakeven Prices
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	CWT	Costs	Costs
75%	45.00	\$9.75	\$15.15
90%	54.00	\$8.12	\$12.63
100%	60.00	\$7.31	\$11.36
110%	66.00	\$6.65	\$10.33
125%	75.00	\$5.85	\$9.09

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Sorghum, Dryland, Continuous, Minimum Tillage Panhandle Extension District - 1

Crop Acres 160

DEVENUE.		11.2	• #1 :	.	Enterprise
	antity 25.00	Units CWT	\$/Unit \$8.25	Total	Total
Grain Sorghum	25.00	CVVI	φδ.25	\$206.25	\$33,000.00
Total Revenue				\$206.25	\$33,000.00
VARIABLE COCTC		l luita	¢/11:4	Tatal	Enterprise
VARIABLE COSTS Qu Production Costs	antity	Units	\$/Unit	Total	Total
Herbicide					
Herbicide and Apply Sorghum	1	Acre	\$49.50	\$49.50	\$7,920.00
Seed	'	Acre	φ43.30	φ 4 3.30	\$7,320.00
Seed - Sorghum	2.25	Pound	\$3.20	\$7.20	\$1,152.00
Fertilizer	2.23	Found	φ3.20	φ7.20	\$1,152.00
Fertilizer (N) - ANH3	40	Pound	\$0.43	\$17.08	\$2,732.80
Custom	40	i ound	ψ0.43	Ψ17.00	Ψ2,732.00
Fertilizer Application - ANH3	1	Acre	\$18.00	\$18.00	\$2,880.00
Custom Harvest - Sorghum Dryland	1		\$35.00	\$35.00	\$5,600.00
Custom Haul - Sorghum Dryland	25		\$0.35	\$8.75	\$1,400.00
Miscellaneous	23	OWI	ψ0.55	ψ0.75	Ψ1,400.00
Crop Insurance Sorghum - Dryland	1	Acre	\$20.00	\$20.00	\$3,200.00
Insecticide	•	71010	Ψ20.00	Ψ20.00	ψο,200.00
Insecticide Head Worm	0.67	Application	\$27.50	\$18.43	\$2,948.00
Insecticide Sugar Cane Aphid		Application	\$21.00	\$21.00	\$3,360.00
Machinery Labor	-			7-11-4	+-,
Tractors/Self-Propelled	0.13	Hour	\$17.65	\$2.29	\$367.12
Other Labor	0.15		\$17.65	\$2.65	\$423.60
Diesel Fuel			******	7	7
Tractors/Self-Propelled	0.88	Gallon	\$3.10	\$2.73	\$436.48
Gasoline			*****		+
Pickup/General Use Equipment	1	Acre	\$4.88	\$4.88	\$780.00
Repairs & Maintenance				*	4
Pickup/General Use Equipment	1	Acre	\$2.49	\$2.49	\$397.80
Tractors/Self-Propelled	1		\$2.06	\$2.06	\$329.61
Implements	1	Acre	\$3.94	\$3.94	\$630.64
Interest on Credit Line			9.00%	\$6.05	\$967.60
Total Variable Costs			•	\$222.04	\$35,525.64
Planned Returns Above Variable Costs:			•	(\$15.79)	(\$2,525.64)
Breakeven Price to Cover Variable Costs			\$8.88	CWT	(ψ2,323.04)
Broakeven Fried to Gover variable Goote			Ψ0.00	0111	Enterprise
FIXED COSTS Qu	antity	Units	\$/Unit	Total	Total
Machinery Depreciation		0	φ, σ		. ota.
Pickup/General Use Equipment	1	Acre	\$2.61	\$2.61	\$417.69
Tractors/Self-Propelled	1		\$2.09	\$2.09	\$333.88
Implements	1		\$5.14	\$5.14	\$821.66
Equipment Investment			*****	*****	7
Pickup/General Use Equipment	\$18.03	Dollars	9.00%	\$1.62	\$259.56
Tractors/Self-Propelled	\$16.26		9.00%	\$1.46	\$234.10
Implements	\$21.97		9.00%	\$1.98	\$316.34
Cash Rent - Sorghum	1		\$30.00	\$30.00	\$4,800.00
Total Fixed Costs	-			\$44.90	\$7,183.23
Total Specified Costs			=	\$266.93	\$42,708.87
Total opcomed docto			=	Ψ200.03	Ψ-2,700.07
Returns Above Specified Costs				(\$60.68)	(\$9,708.87)
Breakeven Price to Cover Total Costs			\$10.68	CWT	

		Examp	le Breakeven Prices
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	CWT	Costs	Costs
75%	18.75	\$11.84	\$14.24
90%	22.50	\$9.87	\$11.86
100%	25.00	\$8.88	\$10.68
110%	27.50	\$8.07	\$9.71
125%	31.25	\$7.11	\$8.54

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Seed Sorghum, Sprinkler Irrigated (NG) Panhandle Extension District - 1

Crop Acres	122				
					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total
Seed Sorghum - Female Only	45.00	CWT	\$24.06	\$1,082.70	\$132,089.40
Total Revenue				\$1,082.70	\$132,089.40
VARIARI E COCTO			• #1 :-	T	Enterprise
VARIABLE COSTS Production Costs	Quantity	Units	\$/Unit	Total	Total
Herbicide					
Herbicide and Apply Sorghum Irrig.	1	Acre	\$57.75	\$57.75	\$7,045.50
Seed		Acic	ψ37.73	ψ37.73	Ψ1,043.30
Seed - Sorghum	0	Pound	\$3.20	\$0.00	\$0.00
Fertilizer	Ü	round	Ψ0.20	ψ0.00	ψ0.00
Fertilizer (N) - ANH3	65	Pound	\$0.43	\$27.76	\$3,386.11
Fertilizer (P) - Liquid	50	Pound	\$0.88	\$44.10	\$5,380.20
Fertilizer (N) - Liquid	60	Pound	\$0.58	\$34.68	\$4,230.96
Custom					
Fertilizer Application - ANH3	1	Acre	\$18.00	\$18.00	\$2,196.00
Harvest and Haul - Sorghum	45	CWT	\$1.00	\$45.00	\$5,490.00
Miscellaneous					
Crop Insurance Sorghum - Irrigated	1	Acre	\$30.00	\$30.00	\$3,660.00
Insecticide					
Insecticide Head Worm		Application	\$27.50	\$18.43	\$2,247.85
Insecticide Sugar Cane Aphid	1	Application	\$21.00	\$21.00	\$2,562.00
Irrigation					
Energy Cost	16.00	Acrelnch	\$3.80	\$60.80	\$7,417.60
Irrigation Labor	1.02	Hour	\$17.94	\$18.37	\$2,241.21
Machinery Labor					
Tractors/Self-Propelled	0.16	Hour	\$17.65	\$2.82	\$344.53
Other Labor	0.19	Hour	\$17.65	\$3.35	\$409.13
Diesel Fuel			** **	40.00	****
Tractors/Self-Propelled	1.09	Gallon	\$3.10	\$3.38	\$412.24
Gasoline			* 4.00	04.00	*****
Pickup/General Use Equipment	1	Acre	\$4.92	\$4.92	\$600.00
Repairs & Maintenance			00.54	00.54	*****
Pickup/General Use Equipment	1	Acre	\$2.51	\$2.51	\$306.00
Irrigation Equipment	1	Acre Acre	\$60.00	\$60.00 \$2.55	\$7,320.00
Tractors/Self-Propelled Implements	1	Acre	\$2.55 \$6.25	\$2.55 \$6.25	\$311.52 \$762.61
Interest on Credit Line		Acre	9.00%		\$1,797.04
Total Variable Costs			3.00%	\$476.40	
Planned Returns Above Variable Costs:					\$58,120.49
Breakeven Price to Cover Variable Costs			¢10 F0	\$606.30 CWT	\$73,968.91
breakeven Frice to Cover variable Costs			\$10.59	CVVI	Enterprise
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation	Qualitity	Offics	φ/UIIII	TOLAI	TOtal
Pickup/General Use Equipment	1	Acre	\$2.63	\$2.63	\$321.30
Irrigation Equipment	1	Acre	\$40.42	\$40.42	\$4,931.25
Tractors/Self-Propelled	1	Acre	\$2.60	\$2.60	\$316.78
Implements	1	Acre	\$7.72	\$7.72	\$941.49
Equipment Investment			*****	*****	
Pickup/General Use Equipment	\$18.18	Dollars	9.00%	\$1.64	\$199.67
Irrigation Equipment	\$521.00	Dollars	9.00%	\$46.89	\$5,720.63
Tractors/Self-Propelled	\$20.23	Dollars	9.00%	\$1.82	\$222.11
Implements	\$33.01	Dollars	9.00%	\$2.97	\$362.47
Cash Rent - Sorghum f	1	Acre	\$125.00	\$125.00	\$15,250.00
Total Fixed Costs				\$231.69	\$28,265.69
Total Specified Costs				\$708.08	\$86,386.17
F					,
Returns Above Specified Costs				\$374.62	\$45,703.23
Breakeven Price to Cover Total Costs			\$15.74	CWT	

		Examp	le Breakeven Prices
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	CWT	Costs	Costs
75%	33.75	\$14.12	\$20.98
90%	40.50	\$11.76	\$17.48
100%	45.00	\$10.59	\$15.74
110%	49.50	\$9.62	\$14.30
125%	56.25	\$8.47	\$12.59

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Sorghum Sudangrass, Dryland, Grazing Panhandle Extension District - 1

Crop Acres	160				
G. G. F. 10. G.					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total
Grazing - Sorghum	336.00	Pound	\$0.90	\$302.40	\$48,384.00
Total Revenue				\$302.40	\$48,384.00
					Enterprise
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Fertilizer					
Fertilizer (N) - ANH3	50	Pound	\$0.43	\$21.35	\$3,416.00
Custom			***	***	** ***
Fertilizer Application - ANH3	1	Acre	\$18.00	\$18.00	\$2,880.00
Seed			***	***	** ***
Seed - Sorghum Sudangrass	15	Pound	\$0.90	\$13.50	\$2,160.00
Miscellaneous	4	A	#00.00	# 00.00	¢0.000.00
Crop Insurance Sorghum Sudan Dry	1	Acre	\$20.00	\$20.00	\$3,200.00
Herbicide	1	Acre	\$30.43	\$30.43	¢4 060 00
Herbicide and Apply Sorghum Suda Machinery Labor		Acre	\$30.43	\$30.43	\$4,868.80
Tractors/Self-Propelled	0.26	Hour	\$17.65	\$4.59	\$734.24
Other Labor	0.26	Hour	\$17.65 \$17.65	\$5.30	\$847.20
Diesel Fuel	0.3	Houi	\$17.00	\$5.50	φ047.2U
Tractors/Self-Propelled	1.5	Gallon	\$3.10	\$4.65	\$744.00
Gasoline	1.5	Gallon	φ3.10	Ψ4.05	\$744.00
Pickup/General Use Equipment	1	Acre	\$4.88	\$4.88	\$780.00
Repairs & Maintenance	•	Acid	Ψ4.00	Ψ4.00	Ψ/00.00
Pickup/General Use Equipment	1	Acre	\$2.49	\$2.49	\$397.80
Tractors/Self-Propelled	1	Acre	\$2.74	\$2.74	\$438.67
Implements	1	Acre	\$3.07	\$3.07	\$490.99
Interest on Credit Line			9.00%	\$4.93	\$789.35
Total Variable Costs				\$135.92	\$21,747.05
Planned Returns Above Variable Costs:			=	\$166.48	\$26,636.95
Breakeven Price to Cover Variable Costs			\$0.40 P	ound	Ψ20,000.00
Broakeven i nee to cover variable code			Ψ0.10	ound	Enterprise
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation			4		
Pickup/General Use Equipment	1	Acre	\$2.61	\$2.61	\$417.69
Tractors/Self-Propelled	1	Acre	\$2.78	\$2.78	\$445.37
Implements	1	Acre	\$3.89	\$3.89	\$622.84
Equipment Investment					
Pickup/General Use Equipment	\$18.03	Dollars	9.00%	\$1.62	\$259.56
Tractors/Self-Propelled	\$21.68	Dollars	9.00%	\$1.95	\$312.26
Implements	\$16.65	Dollars	9.00%	\$1.50	\$239.80
Cash Rent - Sorghum	1	Acre	\$30.00	\$30.00	\$4,800.00
Total Fixed Costs			_	\$44.36	\$7,097.52
Total Specified Costs			=	\$180.28	\$28,844.58
			_		
D				****	*** = ***

		Examp	le Breakeven Prices
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Pound	Costs	Costs
75%	252.00	\$0.54	\$0.72
90%	302.40	\$0.45	\$0.60
100%	336.00	\$0.40	\$0.54
110%	369.60	\$0.37	\$0.49
125%	420.00	\$0.32	\$0.43

Returns Above Specified Costs

Breakeven Price to Cover Total Costs

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

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.

\$122.12

Pound

\$0.54

\$19,539.42

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Sorghum Sudangrass, Sprinkler Irrigated (NG), Grazing Panhandle Extension District - 1

Crop Acres	122
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DELICATION OF THE PROPERTY OF			****		Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total
Grazing - Sorghum	800.00	Pound	\$0.90	\$720.00	\$87,840.00
Total Revenue				\$720.00	\$87,840.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs	Quantity	Offics	⊅/UIIIL	TOTAL	TOTAL
Fertilizer					
Fertilizer (N) - ANH3	150	Pound	\$0.43	\$64.05	\$7,814.10
Fertilizer (P) - Liquid	50	Pound	\$0.88	\$44.10	\$5,380.20
Custom	00	round	Ψ0.00	Ψ11.10	ψο,οσο.2σ
Fertilizer Application - ANH3	1	Acre	\$18.00	\$18.00	\$2,196.00
Miscellaneous	-			******	7-,
Crop Insurance Sorghum Sudan Irrigated	1	Acre	\$25.00	\$25.00	\$3,050.00
Herbicide					
Herbicide and Apply Sorghum Sudan	1	Acre	\$30.43	\$30.43	\$3,712.46
Seed					
Seed - Sorghum Sudangrass	22	Pound	\$0.90	\$19.80	\$2,415.60
Irrigation					
Energy Cost	9.00	AcreInch	\$3.80	\$34.20	\$4,172.40
Irrigation Labor	0.58	Hour	\$17.94	\$10.33	\$1,260.68
Machinery Labor					
Tractors/Self-Propelled	0.25	Hour	\$17.65	\$4.41	\$538.33
Other Labor	0.29	Hour	\$17.65	\$5.12	\$624.46
Diesel Fuel					
Tractors/Self-Propelled	1.53	Gallon	\$3.10	\$4.74	\$578.65
Gasoline					
Pickup/General Use Equipment	1	Acre	\$4.92	\$4.92	\$600.00
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$2.51	\$2.51	\$306.00
Irrigation Equipment	1	Acre	\$33.75	\$33.75	\$4,117.50
Tractors/Self-Propelled	1	Acre	\$3.03	\$3.03	\$369.51
Implements	1	Acre	\$5.57	\$5.57	\$680.02
Interest on Credit Line			9.00%	\$10.85	\$1,324.15
Total Variable Costs			_	\$320.82	\$39,140.05
Planned Returns Above Variable Costs:				\$399.18	\$48,699.95
Breakeven Price to Cover Variable Costs			\$0.40 P	ound	
FIVED COCTO			A (1.1.1)	T	Enterprise
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation	1	۸۵۳۵	¢2 62	\$2.63	¢221.20
Pickup/General Use Equipment	1	Acre Acre	\$2.63 \$30.74	\$2.63 \$30.74	\$321.30 \$3,750.00
Irrigation Equipment Tractors/Self-Propelled	1	Acre	\$30.74 \$3.08	\$3.08	\$3,750.00 \$375.78
Implements	1	Acre	\$5.06 \$6.93	\$6.93	\$845.49
Equipment Investment		Acre	\$0.93	\$0.93	Ф040.49
Pickup/General Use Equipment	\$18.18	Dollars	9.00%	\$1.64	\$199.67
Irrigation Equipment	\$450.00	Dollars	9.00%	\$40.50	\$4,941.00
Tractors/Self-Propelled	\$24.00	Dollars	9.00%	\$2.16	\$263.47
Implements	\$29.65	Dollars	9.00%	\$2.67	\$325.51
Cash Rent - Sorghum f	Ψ23.03	Acre	\$125.00	\$125.00	\$15,250.00
Total Fixed Costs	•		Ţ.20.00	\$215.35	\$26,272.22
Total Specified Costs			=	\$536.17	\$65,412.26
rotal opecineu costs			_	φυου. 17	φυυ,412.20
Returns Above Specified Costs				\$183.83	\$22,427.74
Breakeven Price to Cover Total Costs			\$0.67 P	ound	
			,		

		Examp	ole Breakeven Prices
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Pound	Costs	Costs
75%	600.00	\$0.53	\$0.89
90%	720.00	\$0.45	\$0.74
100%	800.00	\$0.40	\$0.67
110%	880.00	\$0.36	\$0.61
125%	1000.00	\$0.32	\$0.54

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Sorghum Silage, Sprinkler Irrigated Panhandle Extension District - 1

122 Crop Acres Enterprise **REVENUE** Quantity Units \$/Unit Total Total Sorghum Silage 25.00 \$51.00 \$1,275.00 \$155,550.00 Ton **Total Revenue** \$1,275.00 \$155,550.00 Enterprise VARIABLE COSTS Quantity Units \$/Unit Total Total **Production Costs** Fertilizer Fertilizer (N) - ANH3 100 Pound \$0.43 \$42.70 \$5,209,40 Fertilizer (P) - Dry 50 Pound \$0.80 \$40.15 \$4,898.30 Fertilizer (N) - Liquid 45 Pound \$0.58 \$26.01 \$3,173.22 Custom Fertilizer Application - ANH3 1 Acre \$18.00 \$18.00 \$2,196,00 Fertilizer Application Acre \$7.50 \$7.50 \$915.00 Harvest and Haul - Sorghum Silage 25 \$12.50 \$312.50 \$38,125.00 Ton Miscellaneous \$26.00 \$26.00 \$3,172.00 Crop Insurance Sorghum Silage 1 Acre Insecticide Insecticide Head Worm 0.33 Application \$27.50 \$9.08 \$1,107.15 Insecticide Sugar Cane Aphid 1 Application \$21.00 \$21.00 \$2,562.00 Herbicide Herbicide and Apply Sorghum Silage Acre \$57.75 \$57.75 \$7,045.50 Seed Seed - Sorghum Pound \$3.20 \$16.00 \$1,952.00 Irrigation **Energy Cost** 14.00 Acrelnch \$3.80 \$53.20 \$6,490.40 Irrigation Labor 0.83 Hour \$17.94 \$14.93 \$1,820.98 Machinery Labor Tractors/Self-Propelled 0.23 Hour \$17.65 \$4.06 \$495.26 \$581.39 Other Labor 0.27 Hour \$17.65 \$4.77 Diesel Fuel Tractors/Self-Propelled 1.41 Gallon \$3.10 \$4.37 \$533.26 Gasoline Pickup/General Use Equipment \$7.38 \$900.00 1 Acre \$7.38 Repairs & Maintenance Pickup/General Use Equipment Acre \$3.76 \$3.76 \$459.00 \$52.50 \$6,405.00 Irrigation Equipment Acre \$52.50 Interest on Credit Line 9.00% \$14.56 \$1,776.51 **Total Variable Costs** \$736.21 \$89,817,37 Planned Returns Above Variable Costs: \$538.79 \$65,732.63 Breakeven Price to Cover Variable Costs \$29.45 Ton Enterprise FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation Pickup/General Use Equipment Acre \$3.95 \$3.95 \$481.95 \$4,425.00 Irrigation Equipment 1 Acre \$36.27 \$36.27 **Equipment Investment** Pickup/General Use Equipment \$27.28 Dollars 9.00% \$2.45 \$299.50 Irrigation Equipment \$490.57 9.00% \$44.15 \$5,386.50 **Dollars** Cash Rent - Sorghum Silage \$125.00 \$15,250.00 \$125.00 Acre **Total Fixed Costs** \$211.83 \$25,842.95 **Total Specified Costs** \$948.04 \$115,660.32 **Returns Above Specified Costs** \$326.96 \$39,889.68 Breakeven Price to Cover Total Costs \$37.92 Ton

		Examp	le Breakeven Prices
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Ton	Costs	Costs
75%	18.75	\$39.26	\$50.56
90%	22.50	\$32.72	\$42.13
100%	25.00	\$29.45	\$37.92
110%	27.50	\$26.77	\$34.47
125%	31.25	\$23.56	\$30.34

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Soybeans, Roundup Ready, Sprinkler Irrigated (NG) Panhandle Extension District - 1

122 Crop Acres Enterprise REVENUE Quantity Units \$/Unit Total Total Soybeans 60.00 Bushel \$11.00 \$660.00 \$80,520.00 Total Revenue \$660.00 \$80,520.00 Enterprise VARIABLE COSTS Quantity Units \$/Unit Total Total Production Costs Seed Seed - Soybeans Bag \$76.00 \$76.00 \$9,272.00 Innoculant Soybeans \$7.10 \$7.10 \$866.20 Acre Fertilizer Fertilizer (P) - Liquid 50 Pound \$0.88 \$44.10 \$5,380.20 Custom \$60.00 \$1.00 \$7,320.00 Harvest and Haul - Soybeans 60 Bushel Herbicide \$60.50 Herbicide and Apply Soybeans 2 Acre \$30.25 \$7,381.00 Insecticide Insecticide and Apply Soybeans 0.5 \$14.77 \$7.39 \$900.97 Acre Miscellaneous \$25.00 \$25.00 \$3,050.00 Crop Insurance Soybeans 1 Acre Irrigation **Energy Cost** 16.00 \$3.80 \$60.80 \$7,417,60 AcreInch Irrigation Labor 0.90 Hour \$17.94 \$16.07 \$1,961.06 Machinery Labor Tractors/Self-Propelled 0.12 Hour \$17.65 \$2.12 \$258.40 \$301.46 Other Labor 0.14 Hour \$17.65 \$2.47 Diesel Fuel Tractors/Self-Propelled 0.78 Gallon \$3.10 \$2.42 \$295.00 Gasoline Pickup/General Use Equipment \$600.00 1 \$4.92 \$4.92 Acre Repairs & Maintenance Pickup/General Use Equipment \$2.51 \$2.51 \$306.00 Acre \$52.50 \$52.50 \$6,405.00 Irrigation Equipment Acre Tractors/Self-Propelled \$1.74 \$1.74 \$212.22 Acre Implements \$5.53 \$674.64 Acre \$5.53 Interest on Credit Line 9.00% \$11.93 \$1,455,78 **Total Variable Costs** \$443.09 \$54,057,51 \$216.91 Planned Returns Above Variable Costs: \$26,462.49 Breakeven Price to Cover Variable Costs \$7.38 Bushel Enterprise FIXED COSTS Quantity \$/Unit Units Total Total Machinery Depreciation Pickup/General Use Equipment \$2.63 \$2.63 \$321.30 Acre Irrigation Equipment Acre \$40.42 \$40.42 \$4,931.25 Tractors/Self-Propelled \$1.76 \$1.76 \$214.17 Acre 1 \$848.74 Implements \$6.96 \$6.96 Acre **Equipment Investment** Pickup/General Use Equipment 9.00% \$18.18 Dollars \$1.64 \$199.67 Irrigation Equipment \$521.00 **Dollars** 9.00% \$46.89 \$5,720.63 Tractors/Self-Propelled \$13.68 **Dollars** 9.00% \$1.23 \$150.16 Implements \$29.76 Dollars 9.00% \$2.68 \$326.76 Cash Rent - Soybeans Acre \$125.00 \$125.00 \$15,250.00 Total Fixed Costs \$229.20 \$27,962.68 **Total Specified Costs** \$82,020.19 \$672.30 Returns Above Specified Costs (\$12.30)(\$1,500.19)

		Examp	le Breakeven Prices
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Bushel	Costs	Costs
75%	45.00	\$9.85	\$14.94
90%	54.00	\$8.21	\$12.45
100%	60.00	\$7.38	\$11.20
110%	66.00	\$6.71	\$10.19
125%	75.00	\$5.91	\$8.96

Breakeven Price to Cover Total Costs

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

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\$11.20 Bushel

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Triticale Silage, Sprinkler Irrigated (NG) Panhandle Extension District - 1

122 Crop Acres Enterprise **REVENUE** Quantity Units \$/Unit Total Triticale Silage \$516.00 \$62,952.00 10.00 Ton \$51.60 **Total Revenue** \$516.00 \$62,952.00 Enterprise VARIABLE COSTS Quantity Units \$/Unit Total Total **Production Costs** Fertilizer Fertilizer (N) - ANH3 55 Pound \$0.43 \$23,49 \$2,865.17 Fertilizer (P) - Liquid 35 Pound \$0.88 \$30.87 \$3,766.14 Fertilizer (N) - Liquid \$1,762.90 25 Pound \$0.58 \$14.45 Custom Fertilizer Application - ANH3 Acre \$18.00 \$18.00 \$2,196.00 Harvest and Haul - Triticale Silage 10 \$12.50 \$125.00 \$15,250.00 Ton Insecticide Insecticide and Apply Triticale 1 \$14.62 \$14.62 \$1,783.64 Acre Seed Seed - Triticale **CWT** \$15.00 \$1,830.00 0.6 \$25.00 Irrigation \$38.00 \$4,636.00 **Energy Cost** 10.00 Acrelnch \$3.80 \$2,101.13 Irrigation Labor 0.96 \$17.94 \$17.22 Hour Machinery Labor Tractors/Self-Propelled 0.25 Hour \$17.65 \$4.41 \$538.33 Other Labor 0.29 Hour \$17.65 \$5.12 \$624.46 Diesel Fuel Tractors/Self-Propelled 1.53 Gallon \$3.10 \$4.74 \$578.65 Gasoline Pickup/General Use Equipment \$4.92 \$4.92 \$600.00 Acre Repairs & Maintenance Pickup/General Use Equipment \$306.00 Acre \$2.51 \$2.51 Irrigation Equipment Acre \$37.50 \$37.50 \$4,575.00 Tractors/Self-Propelled Acre \$3.03 \$3.03 \$369.51 \$680.02 Implements Acre \$5.57 \$5.57 Interest on Credit Line 9.00% \$13.97 \$1,704.61 Total Variable Costs \$378.42 \$46,167.55 Planned Returns Above Variable Costs: \$16,784.45 \$137.58 Breakeven Price to Cover Variable Costs \$37.84 Ton Enterprise **FIXED COSTS** Quantity Units \$/Unit Total Total Machinery Depreciation Pickup/General Use Equipment Acre \$2.63 \$2.63 \$321.30 Irrigation Equipment Acre \$33.50 \$33.50 \$4,087.50 Tractors/Self-Propelled \$3.08 \$3.08 \$375.78 Acre Implements Acre \$6.93 \$6.93 \$845.49 Equipment Investment \$199.67 Pickup/General Use Equipment \$18.18 Dollars 9.00% \$1.64 Irrigation Equipment \$470.29 **Dollars** 9.00% \$42.33 \$5,163.75 Tractors/Self-Propelled \$24.00 **Dollars** 9.00% \$2.16 \$263.47 Implements \$29.65 **Dollars** 9.00% \$2.67 \$325.51 Cash Rent - Triticale Irrigated \$125.00 Acre \$125.00 \$15,250.00 **Total Fixed Costs** \$219.94 \$26,832.47 **Total Specified Costs** \$598.36 \$73,000.02 Returns Above Specified Costs (\$82.36)(\$10,048.02)

		Examp	le Breakeven Prices
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Ton	Costs	Costs
75%	7.50	\$50.46	\$79.78
90%	9.00	\$42.05	\$66.48
100%	10.00	\$37.84	\$59.84
110%	11.00	\$34.40	\$54.40
125%	12.50	\$30.27	\$47.87

Breakeven Price to Cover Total Costs

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

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\$59.84 Ton

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Oilseed Sunflowers, Dryland, Strip Tillage Panhandle Extension District - 1

Crop Acres	160	

Crop Acres	160				
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Oilseed Sunflowers	10.00	CWT	\$20.00	\$200.00	\$32,000.00
Total Revenue	10.00	CWI	Ψ20.00	\$200.00	\$32,000.00
Total Nevenue				\$200.00	Enterprise
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs	Quantity	Office	Ψ/ΟΠΙ	Total	Total
Herbicide					
Glyphosate	3	Acre	\$12.00	\$36.00	\$5,760.00
2-4D	1	Acre	\$3.00	\$3.00	\$480.00
Prowl H2O	1	Acre	\$14.50	\$14.50	\$2,320.00
Seed	•	, 10.0	Ψσσ	Ψσσ	42,020.00
Seed - Sunflower	1	Acre	\$20.00	\$20.00	\$3,200.00
Fertilizer	_				+-/
Fertilizer (N) - Liquid	40	Pound	\$0.58	\$23.12	\$3,699.20
Custom				,	+-/
Herbicide Application	3	Acre	\$7.50	\$22.50	\$3,600.00
Pesticide Application	1	Acre	\$7.50	\$7.50	\$1,200.00
Custom Harvest - Sunflowers	1	Acre	\$45.00	\$45.00	\$7,200.00
Custom Haul - Sunflowers	10	CWT	\$0.70	\$7.00	\$1,120.00
Miscellaneous				,	, ,
Crop Insurance Sunflowers - Dryland	1	Acre	\$15.00	\$15.00	\$2,400.00
Insecticide					, ,
Seed Insecticide - Sunflower	1	Acre	\$10.30	\$10.30	\$1,648.00
Ammo	1	Acre	\$4.00	\$4.00	\$640.00
Machinery Labor					
Tractors/Self-Propelled	0.08	Hour	\$17.65	\$1.41	\$225.92
Other Labor	0.1	Hour	\$17.65	\$1.77	\$282.40
Diesel Fuel					
Tractors/Self-Propelled	0.64	Gallon	\$3.10	\$1.98	\$317.44
Gasoline					
Pickup/General Use Equipment	1	Acre	\$4.88	\$4.88	\$780.00
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$2.49	\$2.49	\$397.80
Interest on Credit Line			9.00%	\$9.32	\$1,490.71
Total Variable Costs			-	\$229.76	\$36,761.47
Planned Returns Above Variable Costs:			=	(\$29.76)	(\$4,761.47)
Breakeven Price to Cover Variable Costs			\$22.98	(Ψ20.70) CWT	(ψ-,70177)
Dicarcven into to dover variable dosts			Ψ22.00	3441	Enterprise
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation	Quantity	Omis	φ/ΟΠΙ	Total	Total
Pickup/General Use Equipment	1	Acre	\$2.61	\$2.61	\$417.69
Equipment Investment	•	71010	Ψ2.01	Ψ2.01	Ψ117.00
Pickup/General Use Equipment	\$18.03	Dollars	9.00%	\$1.62	\$259.56
Cash Rent - Sunflowers Dryland	1	Acre	\$30.00	\$30.00	\$4,800.00
Total Fixed Costs	•	, 10.0	-	\$34.23	\$5,477.25
Total Specified Costs			=	\$263.99	\$42,238.73
Total Openiiea Costs			=	Ψ203.33	Ψτ2,230.73
Returns Above Specified Costs				(\$63.99)	(\$10,238.73)

		Examp	le Breakeven Prices
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	CWT	Costs	Costs
75%	7.50	\$30.63	\$35.20
90%	9.00	\$25.53	\$29.33
100%	10.00	\$22.98	\$26.40
110%	11.00	\$20.89	\$24.00
125%	12.50	\$18.38	\$21.12

Breakeven Price to Cover Total Costs

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

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\$26.40 CWT

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Oilseed Sunflowers, Sprinkler Irrigated, Strip Tillage Panhandle Extension District - 1

Crop Acres 122

Crop Acres	122				
DEVENI IE	Quantity	Units	\$/Unit	Total	Enterprise
REVENUE Oilseed Sunflowers	Quantity 20.00	CWT	\$20.00	\$400.00	Total \$48,800.00
Total Revenue	20.00	0111	Ψ20.00	\$400.00	\$48,800.00
				+	Enterprise
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Herbicide	_			***	
Glyphosate 2-4D	3 1	Acre	\$12.00		\$4,392.00
Prowl H2O	1	Acre Acre	\$3.00 \$14.50		\$366.00 \$1,769.00
Seed	'	Acre	\$14.50	\$14.50	\$1,765.00
Seed - Oilseed Sunflower	1	Acre	\$34.00	\$34.00	\$4,148.00
Fertilizer	•		******	40	+ 1,1 12122
Fertilizer (N) - Liquid	70	Pound	\$0.58	\$40.46	\$4,936.12
Fertilizer (P) - Liquid	25	Pound	\$0.88	\$22.05	\$2,690.10
Custom					
Herbicide Application	3	Acre	\$7.50		\$2,745.00
Pesticide Application	1	Acre	\$7.50		\$915.00
Custom Harvest - Sunflowers	1	Acre	\$45.00		\$5,490.00
Custom Haul - Sunflowers Miscellaneous	20	CWT	\$0.70	\$14.00	\$1,708.00
Crop Insurance Sunflowers - Irrigated	1	Acre	\$25.00	\$25.00	\$3,050.00
Insecticide		Acre	Ψ25.00	Ψ25.00	ψ3,030.00
Ammo	1	Acre	\$4.00	\$4.00	\$488.00
Seed Insecticide - Sunflower Irrigated	1	Acre	\$12.63		\$1,540.86
Irrigation					
Energy Cost	7.00	Acrelnch	\$3.80		\$3,245.20
Irrigation Labor	0.45	Hour	\$17.94	\$8.04	\$980.53
Machinery Labor					
Tractors/Self-Propelled	0.08	Hour	\$17.65		\$172.26
Other Labor Diesel Fuel	0.1	Hour	\$17.65	\$1.77	\$215.33
Tractors/Self-Propelled	0.64	Gallon	\$3.10	\$1.98	\$242.05
Gasoline	0.04	Gallon	Ψ5.10	Ψ1.50	Ψ2-42.03
Pickup/General Use Equipment	1	Acre	\$10.82	\$10.82	\$1,320.00
Repairs & Maintenance			*	4	+ -/
Pickup/General Use Equipment	1	Acre	\$5.52	\$5.52	\$673.20
Irrigation Equipment	1	Acre	\$26.25	\$26.25	\$3,202.50
Tractors/Self-Propelled	1	Acre	\$1.64		\$199.68
Implements	1	Acre	\$3.06		\$372.97
Interest on Credit Line			9.00%		\$2,048.66
Total Variable Costs				\$384.51	\$46,910.46
Planned Returns Above Variable Costs:			040.00	\$15.49	\$1,889.54
Breakeven Price to Cover Variable Costs			\$19.23	CWT	Futurais.
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation	Quantity	Onits	φ/OIII	Total	Total
Pickup/General Use Equipment	1	Acre	\$5.79	\$5.79	\$706.86
Irrigation Equipment	1	Acre	\$28.80		\$3,513.75
Tractors/Self-Propelled	1	Acre	\$1.69	\$1.69	\$206.34
Implements	1	Acre	\$3.93	\$3.93	\$479.53
Equipment Investment					
Pickup/General Use Equipment	\$40.01	Dollars	9.00%		\$439.26
Irrigation Equipment	\$435.80	Dollars	9.00%		\$4,785.08
Tractors/Self-Propelled	\$13.18	Dollars	9.00%		\$144.67
Implements Cash Rent - Sunflowers Irrigated	\$16.81	Dollars	9.00% \$125.00	\$1.51 \$125.00	\$184.62 \$15.250.00
Total Fixed Costs		Acre	\$125.00	\$210.74	\$15,250.00
Total Specified Costs				\$595.25	\$72,620.57
Total Specified Costs				\$030.20	\$72,020.57
Returns Above Specified Costs				(\$195.25)	(\$23,820.57)
Breakeven Price to Cover Total Costs			\$29.76	CWT	
	Fv	ample Bre	akeven E	Prices	
Evernly Evernle	To Cover	ample bit	To Cover	11003	
Example Example	10 Cover		10 Cover		

		Examp	le Breakeven Prices
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	CWT	Costs	Costs
75%	15.00	\$25.63	\$39.68
90%	18.00	\$21.36	\$33.07
100%	20.00	\$19.23	\$29.76
110%	22.00	\$17.48	\$27.06
125%	25.00	\$15.38	\$23.81

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Confectionary Sunflowers, Sprinkler Irrigated, Strip Tillage Panhandle Extension District - 1

Crop Acres 122

Confectionary Sunflowers	REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
VARIABLE COSTS						\$54,900.00
VARIABLE COSTS Quantity Units \$Unit Total Total	Total Revenue				\$450.00	\$54,900.00
Production Costs Herbicide Glyphosate 3 Acre \$12.00 \$36.00 \$4,382.00 \$2.40 1 Acre \$34.00 \$33.00 \$36.00 \$4,000 \$2.40 1 Acre \$14.50 \$14.50 \$14.50 \$17.69.00 \$3.60 \$3.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.60.00 \$3.6						Enterprise
Herbicide Gilyphosate 3 Acre \$12.00 \$36.00 \$4,392.00 \$2.40 1 Acre \$3.00 \$3.00 \$36.00 \$36.00 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700 \$700	VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Glyphosate	Production Costs					
2-4D	Herbicide					
Prowl H2O		3	Acre	\$12.00	\$36.00	\$4,392.00
Seed Seed - Confectionary Sunflower 1 Acre \$34.00 \$34.00 \$4,148.00 Fertilizer						
Seed - Confectionary Sunflower 1 Acre \$34.00 \$34.00 \$4,148.00 Fertilizer Fertilizer (N) - Liquid 70 Pound \$0.58 \$40.46 \$4,936.12 Fertilizer (P) - Liquid 25 Pound \$0.88 \$22.05 \$2,690.10 Custom Herbicide Application 3 Acre \$7.50 \$7.50 \$215.00 Custom Herbicide Application 1 Acre \$7.50 \$7.50 \$915.00 Custom Haur-Sunflowers 1 Acre \$45.00 \$45.00 \$5,490.00 Custom Haur-Sunflowers 18 CWT \$0.70 \$12.60 \$5,490.00 Custom Haur-Sunflowers 18 CWT \$0.70 \$12.60 \$5,490.00 Custom Haur-Sunflowers 18 CWT \$0.70 \$12.60 \$5,490.00 Custom Haur-Sunflowers Irrigated 1 Acre \$45.00 \$45.00 \$5,490.00 Custom Haur-Sunflowers Irrigated 1 Acre \$45.00 \$45.00 \$45.00 \$45.00 \$6.00 \$1,537.20 Miscellaneous Fertilizer (P)		1	Acre	\$14.50	\$14.50	\$1,769.00
Fertilizer (N) - Liquid	Seed					
Fertilizer (N) - Liquid	Seed - Confectionary Sunflower	1	Acre	\$34.00	\$34.00	\$4,148.00
Fertilizer (P) - Liquid 25 Pound \$0.88 \$22.05 \$2,690.10	Fertilizer					
Custom						
Herbicide Application	Fertilizer (P) - Liquid	25	Pound	\$0.88	\$22.05	\$2,690.10
Pesticide Application	Custom					
Custom Harvest - Sunflowers 1	Herbicide Application	3	Acre	\$7.50	\$22.50	\$2,745.00
Custom Haul - Sunflowers	Pesticide Application	1	Acre	\$7.50	\$7.50	\$915.00
Miscellaneous	Custom Harvest - Sunflowers	1	Acre	\$45.00	\$45.00	\$5,490.00
Crop Insurance Sunflowers - Irrigated 1 Acre \$25.00 \$25.00 \$3,050.00	Custom Haul - Sunflowers	18	CWT	\$0.70	\$12.60	\$1,537.20
Insecticide	Miscellaneous					
Ammo	Crop Insurance Sunflowers - Irrigated	1	Acre	\$25.00	\$25.00	\$3,050.00
Seed Insecticide - Sunflower Confection 1 Acre \$13.18 \$13.18 \$1,607.96 Irrigation Energy Cost 7.00 Acrelnch \$3.80 \$26.60 \$3,245.20 Irrigation Labor 0.45 Hour \$17.94 \$8.04 \$980.53 Machinery Labor Tractors/Self-Propelled 0.08 Hour \$17.65 \$1.41 \$172.26 Other Labor 0.1 Hour \$17.65 \$1.41 \$172.26 Other Labor 0.1 Hour \$17.65 \$1.41 \$172.26 Other Labor 0.64 Gallon \$3.10 \$1.98 \$242.05 Gasoline Pickup/General Use Equipment 1 Acre \$10.82 \$10.82 \$1,320.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$5.52 \$5.52 \$673.20 Irrigation Equipment 1 Acre \$5.52 \$5.52 \$673.20 Irrigation Equipment 1 Acre \$1.64 \$11.64 \$199.68 Implements 1 Acre \$3.06 \$372.97 Interest on Credit Line 1 Acre \$1.64 \$11.64 \$199.68 Implements 1 Acre \$3.06 \$33.00 \$372.97 Interest on Credit Line 1 Acre \$1.64 \$1.64 \$199.68 Irrigation Equipment 1 Acre \$3.06 \$33.07 Stable Costs \$26.25 \$3.372 \$46,813.59 Planned Returns Above Variable Costs: \$21.32 CWT Enterprise \$1.85 \$2.056.49 Irrigation Equipment 1 Acre \$5.79 \$5.79 \$706.86 Irrigation Equipment 1 Acre \$5.79 \$5.79 \$706.86 Irrigation Equipment 1 Acre \$5.79 \$5.79 \$706.86 Irrigation Equipment 1 Acre \$3.93 \$3.93 \$3.93 Implements 1 Acre \$3.93 \$3.93 \$3.93 Equipment Investment \$40.01 Dollars 9.00% \$3.60 \$439.26 Irrigation Equipment \$435.80 Dollars 9.00% \$3.60 \$439.26 Irrigation Equipment \$435.80 Dollars 9.00% \$3.15 \$184.65 Implements \$1.81 Dollars 9.00% \$1.51 \$184.65 Implements \$40.01 Dollars 9.00% \$3.60 \$439.26 Irrigation Equipment \$435.80 Dollars 9.00% \$3.60 \$439.26 Irrigation Equipment \$435.80 Dollars 9.00% \$3.60 \$439.26 Irrigation Equipment \$435.80 Dollars 9.00% \$3.60 \$439.26	Insecticide					
Irrigation	Ammo	1	Acre	\$4.00	\$4.00	\$488.00
Energy Cost	Seed Insecticide - Sunflower Confection	1	Acre	\$13.18	\$13.18	\$1,607.96
Energy Cost	Irrigation					
Machinery Labor		7.00	Acrelnch	\$3.80	\$26.60	\$3,245.20
Tractors/Self-Propelled Other Labor Othe		0.45	Hour	\$17.94	\$8.04	\$980.53
Tractors/Self-Propelled Other Labor Othe	Machinery Labor					
Diesel Fuel		0.08	Hour	\$17.65	\$1.41	\$172.26
Tractors/Self-Propelled		0.1	Hour	\$17.65	\$1.77	\$215.33
Gasoline	Diesel Fuel					
Gasoline	Tractors/Self-Propelled	0.64	Gallon	\$3.10	\$1.98	\$242.05
Repairs & Maintenance						
Repairs & Maintenance		1	Acre	\$10.82	\$10.82	\$1,320.00
Pickup/General Use Equipment				*	*	+ -,
Irrigation Equipment		1	Acre	\$5.52	\$5.52	\$673.20
Tractors/Self-Propelled						
Implements		1	Acre	\$1.64		
Interest on Credit Line						
Total Variable Costs						
Planned Returns Above Variable Costs Section Secti						
Section Price to Cover Variable Costs Section Se						
FIXED COSTS				¢21 22		\$6,000.41
Nachinery Depreciation	bleakevell lile to cover variable costs			Ψ21.32	CVVI	Enterprise
Machinery Depreciation 1 Acre \$5.79 \$5.79 \$706.86 Irrigation Equipment 1 Acre \$28.80 \$28.80 \$3,513.75 Tractors/Self-Propelled 1 Acre \$1.69 \$206.34 Implements 1 Acre \$3.93 \$3.93 \$479.53 Equipment Investment Pickup/General Use Equipment \$40.01 Dollars 9.00% \$3.60 \$439.26 Irrigation Equipment \$435.80 Dollars 9.00% \$39.22 \$4,785.08 Tractors/Self-Propelled \$13.18 Dollars 9.00% \$1.19 \$144.67 Implements \$16.81 Dollars 9.00% \$1.51 \$184.62 Cash Rent - Sunflowers Irrigated 1 Acre \$125.00 \$125.00 \$15,250.00 Total Specified Costs \$594.46 \$72,523.69 Returns Above Specified Costs (\$144.46) (\$17,623.69)	EIVED COSTS	Quantity	Unite	¢/Llnit	Total	
Pickup/General Use Equipment Irrigation Equipment 1 Acre \$5.79 \$5.79 \$706.86 Irrigation Equipment 1 Acre \$28.80 \$28.80 \$3,513.75 Tractors/Self-Propelled 1 Acre \$1.69 \$206.34 Implements 1 Acre \$3.93 \$3.93 \$479.53 Equipment Investment Pickup/General Use Equipment \$40.01 Dollars 9.00% \$3.60 \$439.26 Irrigation Equipment \$435.80 Dollars 9.00% \$3.60 \$439.26 Irrigation Equipment \$435.80 Dollars 9.00% \$3.60 \$439.26 Irrigation Equipment \$13.18 Dollars 9.00% \$1.19 \$144.60 Implements \$16.81 Dollars 9.00% \$1.51 \$184.62 Cash Rent - Sunflowers Irrigated 1 Acre \$125.00 \$125.00 \$125.00 \$15,250.00 Total Specified Costs \$594.46 \$72,523.69 Returns Above Specified Costs \$1.44.46 \$17,623.69 <td></td> <td>Quantity</td> <td>Ullits</td> <td>∌/UIIII</td> <td>TOTAL</td> <td>TOLAI</td>		Quantity	Ullits	∌/UIIII	TOTAL	TOLAI
Irrigation Equipment 1 Acre \$28.80 \$28.80 \$3,513.75 Tractors/Self-Propelled 1 Acre \$1.69 \$1.69 \$206.34 Implements 1 Acre \$3.93 \$3.93 \$479.53 Equipment Investment Fickup/General Use Equipment \$40.01 Dollars 9.00% \$3.60 \$439.26 Irrigation Equipment \$435.80 Dollars 9.00% \$39.22 \$4,785.08 Tractors/Self-Propelled \$13.18 Dollars 9.00% \$1.19 \$144.67 Implements \$16.81 Dollars 9.00% \$1.51 \$184.62 Cash Rent - Sunflowers Irrigated 1 Acre \$125.00 \$125.00 \$15,250.00 Total Specified Costs \$594.46 \$72,523.69 Returns Above Specified Costs \$144.46 \$17,623.69		1	Acro	¢5 70	¢ 5 70	\$706.96
Tractors/Self-Propelled Implements 1 Acre \$1.69 \$1.69 \$206.34 Implements 1 Acre \$3.93 \$3.93 \$479.53 Equipment Investment Pickup/General Use Equipment \$40.01 Dollars 9.00% \$3.60 \$439.26 Irrigation Equipment Irrigation Equipment Irrigated \$13.18 Dollars 9.00% \$33.22 \$4,785.08 Tractors/Self-Propelled Implements \$16.81 Dollars 9.00% \$1.19 \$144.67 Cash Rent - Sunflowers Irrigated 1 Acre \$125.00 \$125.00 \$15,250.00 Total Fixed Costs						
Implements						
Equipment Investment \$40.01 Dollars 9.00% \$3.60 \$439.26 Irrigation Equipment \$435.80 Dollars 9.00% \$39.22 \$4,785.08 Tractors/Self-Propelled \$13.18 Dollars 9.00% \$1.19 \$144.67 Implements \$16.81 Dollars 9.00% \$1.51 \$184.62 Cash Rent - Sunflowers Irrigated 1 Acre \$125.00 \$125.00 \$15,250.00 Total Fixed Costs \$210.74 \$25,710.10 \$25,710.10 \$594.46 \$72,523.69 Returns Above Specified Costs \$144.46 \$144.46 \$17,623.69						
Pickup/General Use Equipment		'	Acre	და.შა	და. შა	\$473.55
Irrigation Equipment		¢40.01	Dellere	0.000/	¢2.60	¢420.26
Tractors/Self-Propelled \$13.18 Dollars 9.00% \$1.19 \$144.67 Implements \$16.81 Dollars 9.00% \$1.51 \$184.62 Cash Rent - Sunflowers Irrigated 1 Acre \$125.00 \$125.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15,250.00 \$15						
Implements						
Cash Rent - Sunflowers Irrigated 1 Acre \$125.00 \$125.00 \$125.00 \$15,250.00 Total Fixed Costs \$210.74 \$25,710.10 \$25,710.10 \$594.46 \$72,523.69 Returns Above Specified Costs \$144.46 \$17,623.69	·					
Total Fixed Costs \$210.74 \$25,710.10 Total Specified Costs \$594.46 \$72,523.69 Returns Above Specified Costs (\$144.46) (\$17,623.69)						
Total Specified Costs \$594.46 \$72,523.69 Returns Above Specified Costs (\$144.46) (\$17,623.69)		1	Acre	φ125.00		
Returns Above Specified Costs (\$144.46) (\$17,623.69)						
	Total Specified Costs				\$594.46	\$72,523.69
Breakeven Price to Cover Total Costs \$33.03 CWT	Returns Above Specified Costs				(\$144.46)	(\$17,623.69)
	Breakeven Price to Cover Total Costs			\$33.03	CWT	

		Examp	le Breakeven Prices
Exampl	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percen	CWT	Costs	Costs
75%	13.50	\$28.42	\$44.03
90%	16.20	\$23.69	\$36.69
100%	18.00	\$21.32	\$33.03
110%	19.80	\$19.38	\$30.02
125%	22.50	\$17.05	\$26.42

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Continuous Wheat, Sprinkler Irrigated (NG) Panhandle Extension District - 1

Crop Acres	122				
					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total
Wheat	50.00	Bushel	\$5.75	\$287.50	\$35,075.00
Grazing - Wheat	136.00	Pound	\$0.90	\$122.40 \$409.90	\$14,932.80
Total Revenue				\$409.90	\$50,007.80 Enterprise
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs	Quantity	Office	φ/ΟΠΙ	Total	TOtal
Seed					
Seed - Wheat	1.2	Bushel	\$12.50	\$15.00	\$1,830.00
Fertilizer					
Fertilizer (N) - ANH3	45	Pound	\$0.43	\$19.22	\$2,344.23
Fertilizer (P) - Liquid	25	Pound	\$0.88	\$22.05	\$2,690.10
Fertilizer (N) - Liquid	20	Pound	\$0.58	\$11.56	\$1,410.32
Custom					
Fertilizer Application - ANH3	1	Acre	\$18.00	\$18.00	\$2,196.00
Harvest and Haul - Wheat Irrigated	50	Bushel	\$1.14	\$57.00	\$6,954.00
Miscellaneous		_			
Crop Insurance Wheat Irrigated	1	Acre	\$36.00	\$36.00	\$4,392.00
Insecticide			***	***	44 700 04
Insecticide and Apply Wheat	1	Acre	\$14.62	\$14.62	\$1,783.64
Irrigation	10.00		40.00	***	*****
Energy Cost	10.00	AcreInch	\$3.80	\$38.00	\$4,636.00
Irrigation Labor	0.96	Hour	\$17.94	\$17.22	\$2,101.13
Machinery Labor	0.25	Hour	\$17.65	\$4.41	\$538.33
Tractors/Self-Propelled Other Labor	0.25	Hour	\$17.65 \$17.65	\$5.12	
Diesel Fuel	0.29	Hour	\$17.05	Φ 3.12	\$624.46
Tractors/Self-Propelled	1.53	Gallon	\$3.10	\$4.74	\$578.65
Gasoline	1.55	Gallon	\$3.10	Φ4.74	\$576.05
Pickup/General Use Equipment	1	Acre	\$4.92	\$4.92	\$600.00
Repairs & Maintenance		Acre	Ψ4.32	ψ4.3Z	φ000.00
Pickup/General Use Equipment	1	Acre	\$2.51	\$2.51	\$306.00
Irrigation Equipment	1	Acre	\$37.50	\$37.50	\$4,575.00
Tractors/Self-Propelled	1	Acre	\$3.03	\$3.03	\$369.51
Implements	1	Acre	\$5.57	\$5.57	\$680.02
Interest on Credit Line			9.00%	\$15.53	\$1,894.80
Total Variable Costs			_	\$332.00	\$40,504.18
Planned Returns Above Variable Costs:			=	\$77.90	\$9,503.62
Breakeven Price to Cover Variable Costs			\$4.19 I	Bushel	ψ0,000.02
Distance in the telephone variable decid			4	240.10.	Enterprise
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation	•				
Pickup/General Use Equipment	1	Acre	\$2.63	\$2.63	\$321.30
Irrigation Equipment	1	Acre	\$33.50	\$33.50	\$4,087.50
Tractors/Self-Propelled	1	Acre	\$3.08	\$3.08	\$375.78
Implements	1	Acre	\$6.93	\$6.93	\$845.49
Equipment Investment					
Pickup/General Use Equipment	\$18.18	Dollars	9.00%	\$1.64	\$199.67
Irrigation Equipment	\$470.29	Dollars	9.00%	\$42.33	\$5,163.75
Tractors/Self-Propelled	\$24.00	Dollars	9.00%	\$2.16	\$263.47
Implements	\$29.65	Dollars	9.00%	\$2.67	\$325.51
Cash Rent - Wheat Irrigated	1	Acre	\$125.00	\$125.00	\$15,250.00
Total Fixed Costs			=	\$219.94	\$26,832.47
Total Specified Costs			_	\$551.94	\$67,336.65
			_		
Returns Above Specified Costs				(\$142.04)	(\$17,328.85)
Breakeven Price to Cover Total Costs			\$8.59 I	Bushel	

		Examp	le Breakeven Prices
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Bushel	Costs	Costs
75%	37.50	\$5.59	\$11.45
90%	45.00	\$4.66	\$9.55
100%	50.00	\$4.19	\$8.59
110%	55.00	\$3.81	\$7.81
125%	62.50	\$3.35	\$6.87

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Continuous Wheat, Dryland, Grazed Panhandle Extension District - 1

Crop Acres	160

Crop Acres	160				
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Wheat	20.00	Bushel	\$5.75	\$115.00	\$18,400.00
Grazing - Wheat	73.00	Pound	\$0.90	\$65.70	\$10,512.00
Total Revenue			_	\$180.70	\$28,912.00 Enterprise
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Seed					
Seed - Wheat Dryland	1	Bushel	\$12.50	\$12.50	\$2,000.00
Fertilizer					
Fertilizer (N) - ANH3	30	Pound	\$0.43	\$12.81	\$2,049.60
Custom					
Fertilizer Application - ANH3	1	Acre	\$18.00	\$18.00	\$2,880.00
Custom Harvest - Wheat	1	Acre	\$35.00	\$35.00	\$5,600.00
Custom Haul - Wheat	20	Bushel	\$0.35	\$7.00	\$1,120.00
Miscellaneous					
Crop Insurance Wheat Dryland	1	Acre	\$25.00	\$25.00	\$4,000.00
Machinery Labor					
Tractors/Self-Propelled	0.27	Hour	\$17.65	\$4.77	\$762.48
Other Labor	0.31	Hour	\$17.65	\$5.47	\$875.44
Diesel Fuel					
Tractors/Self-Propelled	1.73	Gallon	\$3.10	\$5.36	\$858.08
Gasoline					
Pickup/General Use Equipment	1	Acre	\$4.88	\$4.88	\$780.00
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$2.49	\$2.49	\$397.80
Tractors/Self-Propelled	1	Acre	\$3.75	\$3.75	\$599.54
Implements	1	Acre	\$4.79	\$4.79	\$766.18
Interest on Credit Line			9.00%	\$7.04	\$1,126.87
Total Variable Costs			_	\$148.85	\$23,816.00
Planned Returns Above Variable Costs:			_	\$31.85	\$5,096.00
Breakeven Price to Cover Variable Costs			\$4.16 Bushel		
					Enterprise
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$2.61	\$2.61	\$417.69
Tractors/Self-Propelled	1	Acre	\$3.82	\$3.82	\$611.60
Implements	1	Acre	\$6.24	\$6.24	\$998.44
Equipment Investment					
Pickup/General Use Equipment	\$18.03	Dollars	9.00%	\$1.62	\$259.56
Tractors/Self-Propelled	\$29.78	Dollars	9.00%	\$2.68	\$428.81
Implements	\$26.69	Dollars	9.00%	\$2.40	\$384.40
Cash Rent - Wheat Dryland	1	Acre	\$30.00	\$30.00	\$4,800.00
Total Fixed Costs				\$49.38	\$7,900.51
Total Specified Costs			-	\$198.23	\$31,716.51
Returns Above Specified Costs				(\$17.53)	(\$2,804.51)
Breakeven Price to Cover Total Costs			\$6.63 B	ushel	
			+0.00		

	Example Breakeven Prices			
Example	Example	To Cover	To Cover	
Yield	Yield	Variable	Total	
Percent	Bushel	Costs	Costs	
75%	15.00	\$5.54	\$8.84	
90%	18.00	\$4.62	\$7.36	
100%	20.00	\$4.16	\$6.63	
110%	22.00	\$3.78	\$6.02	
125%	25.00	\$3.33	\$5.30	

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Roundup Ready Canola, Dryland Panhandle Extension District - 1

Enterprise

Crop Acres 160

					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total
Canola	11.00	CWT	\$20.00	\$220.00	\$35,200.00
Total Revenue			_	\$220.00	\$35,200.00
					Enterprise
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Fertilizer					
Fertilizer (N) - Dry	35	Pound	\$0.52	\$18.27	\$2,923.20
Custom					
Fertilizer Application	1	Acre	\$7.50	\$7.50	\$1,200.00
Custom Harvest - Canola	1	Acre	\$35.00	\$35.00	\$5,600.00
Custom Haul - Canola	11	CWT	\$0.70	\$7.70	\$1,232.00
Insecticide					
Insecticide and Apply Canola	1	Acre	\$15.65	\$15.65	\$2,504.00
Herbicide					
Herbicide and Apply Canola	1	Acre	\$36.63	\$36.63	\$5,860.80
Seed					
Seed - Roundup Ready Canola	5	Pound	\$6.29	\$31.45	\$5,032.00
Seed Treatment - Canola	1	Acre	\$7.14	\$7.14	\$1,142.40
Machinery Labor					
Tractors/Self-Propelled	0.27	Hour	\$17.65	\$4.77	\$762.48
Other Labor	0.31	Hour	\$17.65	\$5.47	\$875.44
Diesel Fuel					
Tractors/Self-Propelled	1.73	Gallon	\$3.10	\$5.36	\$858.08
Gasoline					
Pickup/General Use Equipment	1	Acre	\$4.88	\$4.88	\$780.00
Repairs & Maintenance			7	7	7
Pickup/General Use Equipment	1	Acre	\$2.49	\$2.49	\$397.80
Tractors/Self-Propelled	1	Acre	\$3.75	\$3.75	\$599.54
Implements	1	Acre	\$4.79	\$4.79	\$766.18
Interest on Credit Line		Acic	9.00%	\$8.17	\$1,306.96
Total Variable Costs			0.0070	\$199.01	\$31,840.88
Planned Returns Above Variable Costs:			=		
Breakeven Price to Cover Variable Costs			¢10.00 C	\$20.99	\$3,359.12
breakeven Frice to Cover variable Costs			\$18.09 C	WT	Catanania a
FIVED COCTO	0	I I i	ф/I I :+	T-4-1	Enterprise
FIXED COSTS Machinery Depresiation	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation	4	A = ==	¢0.61	£0.64	¢417.00
Pickup/General Use Equipment	1	Acre	\$2.61	\$2.61	\$417.69
Tractors/Self-Propelled	1	Acre	\$3.82	\$3.82	\$611.60
Implements	1	Acre	\$6.24	\$6.24	\$998.44
Equipment Investment					
Pickup/General Use Equipment	\$18.03	Dollars	9.00%	\$1.62	\$259.56
Tractors/Self-Propelled	\$29.78	Dollars	9.00%	\$2.68	\$428.81
Implements	\$26.69	Dollars	9.00%	\$2.40	\$384.40
Cash Rent - Canola Dryland	1	Acre	\$30.00	\$30.00	\$4,800.00
Total Fixed Costs			_	\$49.38	\$7,900.51
Total Specified Costs			_	\$248.38	\$39,741.39
Returns Above Specified Costs			_	(\$28.38)	(\$4,541.39)
Breakeyen Bries to Cayon Total Contr			¢22 E2 - C	NA/T	
Breakeven Price to Cover Total Costs			\$22.58 C	WT	
	_				

	Example Breakeven Prices			
Example	Example	To Cover	To Cover	
Yield	Yield	Variable	Total	
Percent	CWT	Costs	Costs	
75%	8.25	\$24.12	\$30.11	
90%	9.90	\$20.10	\$25.09	
100%	11.00	\$18.09	\$22.58	
110%	12.10	\$16.45	\$20.53	
125%	13.75	\$14.47	\$18.06	

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Roundup Ready Canola, Sprinkler Irrigated (NG) Panhandle Extension District - 1

Crop Acres	122				
					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total
Canola	22.00	CWT	\$20.00	\$440.00	\$53,680.00
Total Revenue				\$440.00	\$53,680.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs	Quantity	Units	\$/UIII	TOTAL	TOTAL
Fertilizer					
Fertilizer (N) - Liquid	55	Pound	\$0.58	\$31.79	\$3,878.38
Fertilizer (N) - Dry	25	Pound	\$0.52	\$13.05	\$1,592.10
Custom					
Fertilizer Application	1	Acre	\$7.50	\$7.50	\$915.00
Custom Harvest - Canola Irrigated	1	Acre	\$35.00	\$35.00	\$4,270.00
Custom Haul - Canola	22	CWT	\$0.70	\$15.40	\$1,878.80
Insecticide		_			
Insecticide and Apply Canola Irrigated	1	Acre	\$37.58	\$37.58	\$4,584.76
Seed	_				
Seed - Roundup Ready Canola	5	Pound	\$6.29	\$31.45	\$3,836.90
Seed Treatment - Canola	1	Acre	\$7.14	\$7.14	\$871.08
Herbicide	1	Acre	\$36.63	\$36.63	¢4.460.06
Herbicide and Apply Canola	1	Acre	\$30.03	\$30.03	\$4,468.86
Irrigation Energy Cost	10.00	Acrelnch	\$3.80	\$38.00	\$4,636.00
Irrigation Labor	0.64	Hour	\$3.80 \$17.94	\$38.00 \$11.48	\$1,400.76
Machinery Labor	0.04	rioui	ψ17.54	ψ11. 4 0	\$1,400.70
Tractors/Self-Propelled	0.29	Hour	\$17.65	\$5.12	\$624.46
Other Labor	0.33	Hour	\$17.65	\$5.82	\$710.59
Diesel Fuel	0.00	rioui	Ψ17.00	Ψ0.02	ψ, 10.00
Tractors/Self-Propelled	1.73	Gallon	\$3.10	\$5.36	\$654.29
Gasoline				,	,
Pickup/General Use Equipment	1	Acre	\$4.92	\$4.92	\$600.00
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$2.51	\$2.51	\$306.00
Irrigation Equipment	1	Acre	\$37.50	\$37.50	\$4,575.00
Tractors/Self-Propelled	1	Acre	\$3.36	\$3.36	\$409.64
Implements	1	Acre	\$3.91	\$3.91	\$477.31
Interest on Credit Line			9.00%	\$14.48	\$1,766.87
Total Variable Costs			_	\$348.01	\$42,456.79
Planned Returns Above Variable Costs:			_	\$91.99	\$11,223.21
Breakeven Price to Cover Variable Costs			\$15.82	CWT	
					Enterprise
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation		_			
Pickup/General Use Equipment	1	Acre	\$2.63	\$2.63	\$321.30
Irrigation Equipment	1	Acre	\$33.50	\$33.50	\$4,087.50
Tractors/Self-Propelled	1	Acre	\$3.42	\$3.42	\$417.25
Implements	1	Acre	\$5.06	\$5.06	\$617.44
Equipment Investment	#40.40	D. II.	0.000/	04.04	4400.07
Pickup/General Use Equipment Irrigation Equipment	\$18.18 \$470.29	Dollars Dollars	9.00% 9.00%	\$1.64 \$42.33	\$199.67
Tractors/Self-Propelled	\$26.64	Dollars	9.00%	\$42.33 \$2.40	\$5,163.75 \$292.54
Implements	\$20.04	Dollars	9.00%	\$2.40 \$1.95	\$237.71
Cash Rent - Canola Irrigated	φ21.03 1	Acre	\$125.00	\$125.00	\$15,250.00
Total Fixed Costs		Acic	Ψ123.00	\$217.93	\$26,587.16
Total Specified Costs			=	\$565.93	\$69,043.94
Total Openieu Costs			=	φυυυ.σ3	φυσ,υ43.94
Returns Above Specified Costs				(\$125.93)	(\$15,363.94)
Breakeven Price to Cover Total Costs			\$25.72	CWT	
				· · · · · · · · · · · · · · · · · · ·	

	Example Breakeven Prices			
Example	Example	To Cover	To Cover	
Yield	Yield	Variable	Total	
Percent	CWT	Costs	Costs	
75%	16.50	\$21.09	\$34.30	
90%	19.80	\$17.58	\$28.58	
100%	22.00	\$15.82	\$25.72	
110%	24.20	\$14.38	\$23.39	
125%	27.50	\$12.65	\$20.58	

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