Projections for Planning Purposes Only -- Not to be Used without Updating 2015 Estimated Costs and Returns per Acre Trans Pecos Cotton, Furrow Irrigated, 40 Inch Rows - 122 Acres Far West Extension District - 6

Crop Acres 122

	Crop Acres	122				
DEV. EN 11.15		•		^ /1.1.1.		Enterprise
REVENUE		Quantity	Units	\$/Unit	Total	Total
Cotton Lin		1,500.00	Pound	\$0.56	\$840.00	\$102,480.00
Cotton Seed		1.20	Ton	\$175.00	\$210.00	\$25,620.00
Total Revenue	•				\$1,050.00	\$128,100.00
VADIADI E COSTO		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Cos	VARIABLE COSTS Production Costs		Ullits	φ/ΟΠΙΙ	TOTAL	TOLAI
Seed	515					
Seeu	Cotton Seed BIIRRF	40	Thousand	\$1.45	\$58.00	\$7,076.00
Fertilizer	Cotton Seed Bilkkr	40	mousanu	φ1.45	φ30.00	\$7,070.00
rentilizei	Phosphoric Acid	32	Pound	\$0.29	\$9.28	\$1,132.16
	Phosphate	75	Pound	\$0.29 \$0.42	\$31.25	\$3,812.50
	N-32	140	Pound	\$0.42 \$0.55	\$76.55	\$9,339.34
Custom	N-32	140	Found	Ψ0.55	Ψ/0.55	ψ9,559.54
Custom	Custom Spray	2	Acre	\$4.00	\$8.00	\$976.00
	Gin and Haul	53.57	CWT	\$2.50	\$133.93	\$16,338.85
	Bag, Tie	33.37	Bale	\$15.00	\$45.00	\$5,490.00
	Soil Test-Irrigated	1	Acre	\$0.50	\$0.50	\$61.00
Miscellane	•	'	Acre	φ0.50	φ0.50	φ01.00
Miscellane	IRR Cotton RP, 70% Ent, SE, Pec	1	Acre	\$25.41	\$25.41	\$3,100.02
Herbicide	IKK Cotton KF, 70% Ent, 3E, Fec	'	Acie	Ψ23.41	Ψ25.41	φ3,100.02
Herbicide	Trifluralin Pint	2	Pint	\$2.81	\$5.63	\$686.25
		22	Ounce	\$0.08	\$1.72	\$209.69
	Mepiquat Chloride-PGR	64	Ounce	\$0.06 \$0.12	•	
Other Lab	Glyphosate Ounce	04	Ounce	Φ0.12	\$7.37	\$899.48
Other Lab	Hand Labor TP	0.7764	Hour	\$10.00	\$7.76	\$947.21
Other Che		0.7764	Houi	\$10.00	φ1.10	φ947.21
Other Che		1.5	Pint	\$2.75	\$4.13	\$503.25
	Ethephon 6 Pint			\$2.75 \$1.00		\$610.00
	Adios	5	Ounce	•	\$5.00 \$7.00	•
Irrigation	Firestorm	28	Ounce	\$0.25	\$7.00	\$854.00
Irrigation	Energy Cost	27.00	Acrelnch	\$4.83	\$130.47	\$15,917.49
	Irrigation Labor	0.48	Hour	\$4.63 \$11.00	\$130.47 \$5.28	
Machinan	· ·	0.46	Hour	\$11.00	φ3.26	\$644.16
Machinery		2.39	Hour	\$12.00	\$28.68	¢2.400.06
Diesel Fue	Tractors/Self-Propelled	2.39	Houi	φ12.00	Ψ20.00	\$3,498.96
Diesei Fue	Tractors/Self-Propelled	15.95	Gallon	\$2.15	\$34.29	\$4,183.69
Gasoline	Tractors/Sell-Propelled	15.95	Gallon	φ2.13	φ34.29	φ4,103.09
Gasonile	Pickup/General Use Equipment	1	Acre	\$5.87	\$5.87	\$716.13
Repairs & Maintenance		1	Acre	φ3.07	φ3.07	φ/10.13
Repairs &	Pickup/General Use Equipment	1	Acre	\$1.73	\$1.73	\$210.92
		1	Acre	\$1.73 \$12.58	\$1.73 \$12.58	\$1,534.67
	Irrigation Equipment	1	Acre		\$12.56 \$26.69	\$3,255.91
	Tractors/Self-Propelled	1		\$26.69 \$16.74	\$26.69 \$16.74	\$3,233.91 \$2,041.77
Interest or	Implements n Credit Line	1	Acre	6.50%	\$10.74 \$10.76	\$1,312.81
Total Variable				0.50 /6	\$699.61	\$85,352.25
	ns Above Variable Costs:			_		
	n Price to Cover Variable Costs			\$0.33 P	\$350.39 ound	\$42,747.75
Dieakevei	Trice to Cover variable Costs			ф0.33 Р	ouria	Enterprise
FIXED COSTS		Quantity	Unite	¢/Lloit	Total	Enterprise Total
	Depreciation	Quantity	Units	\$/Unit	ı Ulai	ı Ulai
iviacillilely	Pickup/General Use Equipment	1	Acre	\$3.62	\$3.62	\$441.45
	Irrigation Equipment	1	Acre	\$32.79	\$32.79	\$4,000.00
	Tractors/Self-Propelled	1	Acre	\$32.79 \$31.50	\$32.79 \$31.50	\$3,842.71
	Implements	1		\$20.67	\$20.67	\$2,522.22
Fauinmen	Implements It Investment	ı	Acre	φ ∠ υ.υ <i>ι</i>	ψ20.07	ΨΖ, JZZ.ZZ
Equipmen	Pickup/General Use Equipment	\$40.20	Dollars	6.50%	\$2.61	\$318.83
	Irrigation Equipment	\$491.80	Dollars	6.50%	\$2.61 \$31.97	\$3,900.00
	Tractors/Self-Propelled	\$399.42	Dollars	6.50%	\$31.97 \$25.96	\$3,900.00 \$3,167.38
	Implements		Dollars	6.50%	\$25.96 \$13.11	\$3,167.36 \$1,599.49
Trong Dog	•	\$201.70 1			\$13.11 \$40.00	. ,
	cos Irrigated Land	ı	Acre	\$40.00	\$202.23	\$4,880.00
Total Fixed Costs				=	-	\$24,672.08
Total Specified	COSTS			_	\$901.84	\$110,024.33
Returns Above	e Specifiied Costs				\$148.16	\$18,075.67
Breakeven I	Price to Cover Total Costs			\$0.46 P	ound	

		Example Breakeven Prices							
Example	Example	Price Neede	ed to Cover	Price Needed to Cover					
Yield	Yield	Example Va	riable Costs	Example Total Costs					
Percent	Pound	Own/Rent	ShareTenant	Own/Rent	ShareTenant	Landlord			
75%	1125.00	\$0.44	\$0.44	\$0.61	\$0.61	\$0.00			
90%	1350.00	\$0.36	\$0.36	\$0.51	\$0.51	\$0.00			
100%	1500.00	\$0.33	\$0.33	\$0.46	\$0.46	\$0.00			
110%	1650.00	\$0.30	\$0.30	\$0.42	\$0.42	\$0.00			
125%	1875.00	\$0.26	\$0.26	\$0.37	\$0.37	\$0.00			

 $\label{thm:constraint} \mbox{Developed by Bill Thompson, Assistant Professor and Extension Economist, Texas A\&M AgriLife Extension Service.}$

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.