Projections for Planning Purposes Only -- Not to be Used without Updating 2017 Estimated Costs and Returns per Acre El Paso County Cotton, Canal Delivered Furrow Irrigated, 40 Inch Rows - 122 Acres Far West Extension District - 6

Crop Acres 122

REVENUE		Crop Acres	122				Enterprise
Cotton Lint	REVENUE		Quantity	Units	\$/Unit	Total	
VARIABLE COSTS		int					
VARIABLE COSTS Quantity Units \$Units VUnits Leptocation Costs Herbicide Trifluralin Glyphosate 2 Pint \$2.94 \$5.88 \$717.36 Seed Cotton Seed BIIRRF Terch Fee Erad Zn El Paso 1 Acre \$2.00 \$2.20 <td>Cotton S</td> <td>Seed</td> <td>1.06</td> <td>Ton</td> <td>\$220.00</td> <td></td> <td></td>	Cotton S	Seed	1.06	Ton	\$220.00		
VARIABLE COSTS	Total Revenu	ne				\$1,068.80	
Production Costs Herbicold					****		
Herbicide			Quantity	Units	\$/Unit	Total	Total
Trifluralin							
Seed Cotton Seed BIIRRF	петыста		2	Dint	\$2.04	\$5.99	\$717.36
Seed Cotton Seed BIIRRF							
Cotton Seed BIIRRF	Seed	Ciyphodato	_		ψ1.07	Ψ2.7 -1	ψου 1.20
Fertilizer		Cotton Seed BIIRRF	40	Thousand	\$1.28	\$51.20	\$6,246.40
Fertilizer 10-34-0		Tech Fee Erad Zn El Paso	1	Acre	\$20.00	\$20.00	\$2,440.00
N-32 in Water	Fertilizer						
Custom Custom Spray 2 Acre \$4.00 \$8.00 \$976.00				CWT	\$32.35	\$48.53	\$5,920.05
Custom Spray 2 Acre \$4.00 \$8.00 \$976.00 Gin, Bag, Tile 21.22 CWT \$3.00 \$63.66 \$7.766.52 Other Labor Hand Labor 0.7764 Hour \$8.50 \$6.60 \$805.13 Other Chemicals Prep 16 Ounce \$0.16 \$2.56 \$312.32 Alim 0.25 Ounce \$4.84 \$1.21 \$147.65 Def 6 (Tribufos) 1 Print \$8.75 \$8.75 \$1,067.50 Gramoxone Inteon (2 lb paraquat) 20 Ounce \$0.16 \$3.13 \$381.25 Irrigation Water Cost 24.00 AcreInch \$1.75 \$42.00 \$5,124.00 Machinery Labor Tractors/Self-Propelled 2.36 Hour \$12.00 \$28.32 \$3,455.04 Diesel Fuel Tractors/Self-Propelled 15.05 Gallon \$1.75 \$26.34 \$3,213.18 Gasoline Pickup/General Use Equipment 1 Acre \$6.75 \$6.75 \$824.04 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$6.75 \$6.75 \$824.04 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$1.712 \$2.089.03 Interest on Credit Line 1 Acre \$1.712 \$17.12 \$2.089.03 Interest on Credit Line 5.77 \$490.96 \$59.897.29 Planned Returns Above Variable Costs Fixed Propelled 1 Acre \$6.03 \$6.03 \$73.575 FIXED COSTS Quantity Units \$70.11 Total Total Machinery Depreciation Pickup/General Use Equipment 1 Acre \$6.03 \$6.03 \$73.575 Machinery Depreciation Pickup/General Use Equipment 1 Acre \$6.03 \$6.03 \$73.575 Machinery Depreciation Pickup/General Use Equipment 1 Acre \$6.03 \$6.03 \$73.575 Machinery Depreciation Pickup/General Use Equipment 1 Acre \$6.03 \$6.03 \$73.575 Machinery Depreciation Pickup/General Use Equipment 1 Acre \$6.03 \$6.03 \$73.575 Machinery Depreciation Pickup/General Use Equipment 1 Acre \$6.03 \$6.03 \$73.575 Machinery Depreciation Fixed Costs \$1.63 \$1.63 \$1.63 \$1.63 Machinery Depreciation \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 Machinery Depreciation \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00		N-32 in Water	280	Pound	\$0.39	\$109.20	\$13,322.40
Gin, Bag, Trie	Custom						
Other Labor Hand Labor Other Chemicals 0.7764 Hour \$8.50 \$6.60 \$805.13 Other Chemicals Prep 16 Ounce \$0.16 \$2.56 \$312.32 Aim 0.25 Ounce \$4.84 \$1.21 \$147.62 Def 6 (Tribufos) Gramoxone Inteon (2 lb paraquat) 20 Ounce \$0.16 \$3.13 \$381.25 Irrigation Water Cost 24.00 Acrelnch \$1.75 \$42.00 \$5,124.00 Machinery Labor Tractors/Self-Propelled 2.36 Hour \$12.00 \$28.32 \$3,455.04 Diesel Fuel Tractors/Self-Propelled 15.05 Gallon \$1.75 \$26.34 \$3,213.18 Gasoline Pickup/General Use Equipment Implements 1 Acre \$6.75 \$6.75 \$824.04 Repairs & Maintenance Pickup/General Use Equipment Implements 1 Acre \$27.59 \$27.59 \$3,365.94 Interest on Credit Line 1 Acre \$27.59 \$27.59 \$3,365.94 Interest on Credit Line 1 Acre \$27.59 \$3.78 \$1,193.04							
Hand Labor O.7764 Hour \$8.50 \$6.60 \$805.13 Other Chemicals Prep	0.1		21.22	CWT	\$3.00	\$63.66	\$7,766.52
Other Chemicals	Other La		0.7704		#0.50	#0.00	# 005.40
Prep Aim 16 Ounce Nuce \$0.16 \$ \$1.21 \$ \$147.62 \$312.32 Aim 0.25 Ounce \$4.84 \$ \$1.21 \$ \$147.62 \$147.62 \$ \$14.67 \$14.67 \$ \$14.67 \$1.67 \$ \$14.67 \$1.67 \$ \$14.67 \$1.67 \$ \$1.67 \$ \$1.67 \$1.67 \$ \$1.67 <th< td=""><td>Other Ch</td><td></td><td>0.7764</td><td>Hour</td><td>\$8.50</td><td>\$6.60</td><td>\$805.13</td></th<>	Other Ch		0.7764	Hour	\$8.50	\$6.60	\$805.13
Aim	Otner Cr		40	0	CO 4C	#0.50	#240.00
Def 6 (Tribufos)							
Gramoxone Infecial (2 lb paraquat) 20							
Irrigation Water Cost 24.00 Acrelnch \$1.75 \$42.00 \$5,124.00 Machinery Labor Tractors/Self-Propelled 2.36 Hour \$12.00 \$28.32 \$3,455.04 Diesel Fuel Tractors/Self-Propelled 15.05 Gallon \$1.75 \$26.34 \$3,213.18 Gasoline Pickup/General Use Equipment 1 Acre \$6.75 \$6.75 \$824.04 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$1.61 \$1.61 \$196.20 Tractors/Self-Propelled 1 Acre \$27.59 \$27.59 \$3,365.94 Implements 1 Acre \$1.712 \$17.12 \$28.08.03 Interest on Credit Line 4 Acre \$1.712 \$17.12 \$2.089.03 Interest on Credit Line 5.05 \$0.19 Pound \$577.84 \$70,496.31 Pound \$1.75							
Water Cost Machinery Labor Tractors/Self-Propelled 24.00 AcreInch \$1.75 \$42.00 \$5,124.00 Diesel Fuel Tractors/Self-Propelled 2.36 Hour \$12.00 \$28.32 \$3,455.04 Gasoline Pickup/General Use Equipment Repairs & Maintenance Pickup/General Use Equipment 1 1 Acre \$6.75 \$6.75 \$824.04 Repairs & Maintenance Pickup/General Use Equipment 1 1 Acre \$1.61 \$1.61 \$196.20 Tractors/Self-Propelled 1 Acre \$27.59 \$27.59 \$3,365.94 Implements 1 Acre \$17.12 \$1.61 \$1.90.20 Interest on Credit Line \$1 Acre \$17.12 \$1.90.04 Total Variable Costs \$49.96 \$59.897.29 Planned Returns Above Variable Costs \$0.19 \$0.19 \$1.90.04 FIXED COSTS Quantity Units \$/Unit Total Enterprise FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation Pickup/General Use Equipment Taractors/Self-Propelled 1 Acre \$6.03 \$6.03 \$735.75 <td>Irrigation</td> <td></td> <td>20</td> <td>Ounce</td> <td>φυ. το</td> <td>φ3.13</td> <td>φ301.23</td>	Irrigation		20	Ounce	φυ. το	φ3.13	φ301.23
Machinery Labor Tractors/Self-Propelled 2.36 Hour \$12.00 \$28.32 \$3,455.04 Diesel Fuel Tractors/Self-Propelled 15.05 Gallon \$1.75 \$26.34 \$3,213.18 Gasoline Pickup/General Use Equipment Repairs & Maintenance Pickup/General Use Equipment Implements 1 Acre \$6.75 \$6.75 \$824.04 Repairs & Maintenance Pickup/General Use Equipment Implements 1 Acre \$1.61 \$1.61 \$196.20 Tractors/Self-Propelled 1 Acre \$27.59 \$27.59 \$3,365.94 Implements 1 Acre \$1.71 \$17.12 \$17.12 \$2,089.03 Interest on Credit Line 6.50% \$9.78 \$1,193.04 <td< td=""><td>irigatioi</td><td></td><td>24.00</td><td>Acrelnch</td><td>\$1 75</td><td>\$42.00</td><td>\$5 124 00</td></td<>	irigatioi		24.00	Acrelnch	\$1 75	\$42.00	\$5 124 00
Tractors/Self-Propelled 2.36 Hour \$12.00 \$28.32 \$3,455.04 Diesel Fuel Tractors/Self-Propelled 15.05 Gallon \$1.75 \$26.34 \$3,213.18 Gasoline	Machine		24.00	Acremen	ψ1.75	Ψ42.00	ψ5,124.00
Diesel Fuel	Madrinie		2.36	Hour	\$12.00	\$28.32	\$3 455 04
Tractors/Self-Propelled	Diesel F		2.00	rioui	Ψ12.00	Ψ20.02	ψο, 100.01
Pickup/General Use Equipment 1 Acre \$6.75 \$6.75 \$824.04	2.000.		15.05	Gallon	\$1.75	\$26.34	\$3,213,18
Repairs & Maintenance	Gasoline		10.00	ou	ψσ	Ψ20.0 .	ψο,Σ.οο
Repairs & Maintenance		Pickup/General Use Equipment	1	Acre	\$6.75	\$6.75	\$824.04
Tractors/Self-Propelled	Repairs				• • •	• • • •	**
Tractors/Self-Propelled		Pickup/General Use Equipment	1	Acre	\$1.61	\$1.61	\$196.20
Implements			1	Acre			
Interest on Credit Line			1				
Planned Returns Above Variable Costs S0.19 Pound Enterprise	Interest of	on Credit Line			6.50%	\$9.78	
Planned Returns Above Variable Costs S0.19 Pound Enterprise	Total Variable	e Costs			_	\$490.96	\$59,897.29
Breakeven Price to Cover Variable Costs Sulfate Su	Planned Retu	urns Above Variable Costs:			_		
Machinery Depreciation					\$0.19 P		4 · • , · • • · · ·
Machinery Depreciation Pickup/General Use Equipment 1 Acre \$6.03 \$6.03 \$735.75 Tractors/Self-Propelled 1 Acre \$32.43 \$32.43 \$3,957.05 Implements 1 Acre \$21.55 \$21.55 \$2,629.28 Equipment Investment Pickup/General Use Equipment \$25.13 Dollars 6.50% \$1.63 \$199.27 Tractors/Self-Propelled \$284.26 Dollars 6.50% \$18.48 \$2,254.16 Implements \$128.23 Dollars 6.50% \$8.34 \$1,016.87 Trans Pecos Irrigated Land 1 Acre \$40.00 \$40.00 \$4,880.00 Total Fixed Costs \$128.46 \$15,672.38 \$619.42 \$75,569.67 Returns Above Specified Costs \$449.38 \$54,823.93							Enterprise
Pickup/General Use Equipment 1 Acre \$6.03 \$6.03 \$735.75 Tractors/Self-Propelled 1 Acre \$32.43 \$32.43 \$3,957.05 Implements 1 Acre \$21.55 \$21.55 \$2,629.28 Equipment Investment Pickup/General Use Equipment \$25.13 Dollars 6.50% \$1.63 \$199.27 Tractors/Self-Propelled \$284.26 Dollars 6.50% \$18.48 \$2,254.16 Implements \$128.23 Dollars 6.50% \$8.34 \$1,016.87 Trans Pecos Irrigated Land 1 Acre \$40.00 \$40.00 \$4,880.00 Total Fixed Costs \$128.46 \$15,672.38 Total Specified Costs \$449.38 \$54,823.93 Returns Above Specified Costs \$449.38 \$54,823.93	FIXED COST	ΓS	Quantity	Units	\$/Unit	Total	
Tractors/Self-Propelled	Machine	ery Depreciation					
Implements		Pickup/General Use Equipment	1	Acre	\$6.03	\$6.03	\$735.75
Equipment Investment Pickup/General Use Equipment Tractors/Self-Propelled \$25.13 Dollars 6.50% \$1.63 \$199.27 Tractors/Self-Propelled Implements \$284.26 Dollars 6.50% \$18.48 \$2,254.16 Implements \$128.23 Dollars 6.50% \$8.34 \$1,016.87 Trans Pecos Irrigated Land 1 Acre \$40.00 \$4,880.00 Total Fixed Costs \$128.46 \$15,672.38 Total Specified Costs \$619.42 \$75,569.67 Returns Above Specified Costs \$449.38 \$54,823.93		Tractors/Self-Propelled	1	Acre	\$32.43	\$32.43	\$3,957.05
Pickup/General Use Equipment \$25.13 Dollars 6.50% \$1.63 \$199.27 Tractors/Self-Propelled \$284.26 Dollars 6.50% \$18.48 \$2,254.16 Implements \$128.23 Dollars 6.50% \$8.34 \$1,016.87 Trans Pecos Irrigated Land 1 Acre \$40.00 \$40.00 \$4,880.00 Total Fixed Costs \$128.46 \$15,672.38 Total Specified Costs \$619.42 \$75,569.67 Returns Above Specified Costs \$449.38 \$54,823.93		Implements	1	Acre	\$21.55	\$21.55	\$2,629.28
Tractors/Self-Propelled Implements \$284.26 \$128.23 \$284.26 \$128.23 \$128.23 \$128.23 \$128.23 \$128.23 \$128.23 \$128.23 \$128.23 \$128.23 \$128.24	Equipme	ent Investment					
Tractors/Self-Propelled Implements \$284.26 \$128.23 \$284.26 \$128.23 \$128.23 \$128.23 \$128.23 \$128.23 \$128.23 \$128.23 \$128.23 \$128.23 \$128.24		Pickup/General Use Equipment	\$25.13	Dollars	6.50%	\$1.63	\$199.27
Trans Pecos Irrigated Land 1 Acre \$40.00 \$40.00 \$4,880.00 Total Fixed Costs \$128.46 \$15,672.38 Total Specified Costs \$619.42 \$75,569.67 Returns Above Specified Costs \$449.38 \$54,823.93			\$284.26	Dollars			
Total Fixed Costs \$128.46 \$15,672.38 Total Specified Costs \$619.42 \$75,569.67 Returns Above Specified Costs \$449.38 \$54,823.93		Implements	\$128.23	Dollars	6.50%	\$8.34	\$1,016.87
Total Specified Costs \$619.42 \$75,569.67 Returns Above Specified Costs \$449.38 \$54,823.93	Trans Pe	ecos Irrigated Land	1	Acre	\$40.00	\$40.00	\$4,880.00
Total Specified Costs \$619.42 \$75,569.67 Returns Above Specified Costs \$449.38 \$54,823.93	Total Fixed C	Costs				\$128.46	\$15,672.38
Returns Above Specified Costs \$449.38 \$54,823.93					=		
	-				! =		
	Returns Abov	ve Specified Costs				\$449.38	\$54,823.93
Breakeven Price to Cover Total Costs \$0.29 Pound		-					, -
	Breakever	Price to Cover Total Costs			\$0.29 P	ound	

		Example Breakeven Prices				
Example	Example	To Cover	To Cover			
Yield	Yield	Variable	Total			
Percent	Pound	Costs	Costs			
75%	994.50	\$0.26	\$0.39			
90%	1193.40	\$0.22	\$0.32			
100%	1326.00	\$0.19	\$0.29			
110%	1458.60	\$0.18	\$0.26			
125%	1657.50	\$0.16	\$0.23			

Developed by Bill Thompson, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension Service, 325-653-4576.

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.