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

Crop Acres 160

Part Cotton Lint A00.00 Pound S0.72 \$289.00 \$46,080.00 Cottonseed	Crop Acres	160				Enterprise
Cottonseed 0.28						
VARIABLE COSTS						
VARIABLE COSTS		0.20	1011	Ψ223.00		
Production Costs	Total Hovelide				4001100	
Custom	VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Strip and Module - Cotton 400 Pound \$0.08 \$32.00 \$5,120.00	Production Costs					
Ginning - Cotton 13.333333 CWT \$2.90 \$38.67 \$6.186.67 Fertilizer Application - Liquid High 0 Acre \$4.75 \$0.00 \$0.00 \$0.00 \$0.00 Fertilizer (N) - Liquid 0 Pound \$0.81 \$0.00 \$0.00 \$0.00 Fertilizer (P) - Liquid 0 Pound \$0.81 \$0.00 \$0.00 \$0.00 Fertilizer (P) - Liquid 0 Pound \$0.88 \$0.00 \$0.00 \$0.00 Fertilizer (P) - Liquid 1 Acre \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 Herbicide - Cotton Preplant 1 Acre \$6.50 \$6.50 \$6.50 \$1.040.00 \$6.0						
Fertilizer Application - Liquid High South						
Scouting - Dryland Cotton 1						
Fertilizer						
Fertilizer (N) - Liquid		1	Acre	\$5.00	\$5.00	\$800.00
Fertilizer (P) - Liquid		0	Pound	\$0.61	\$0.00	\$0.00
Herbicide						
Herbicide - Cotton Preplant		Ü	round	ψ0.00	Ψ0.00	Ψ0.00
Herbicide - Cotton Postplant Dryland 1 Acre \$29.00 \$29.00 \$4,840,00 Insecticide Boll Weevil Assessment Dryland 1 Acre \$15.00 \$15.00 \$240.00 Insecticide and Apply Cotton Dryland 1 Acre \$6.00 \$6.00 \$960.00 Insecticide and Apply Cotton Dryland 1 Acre \$44.00 \$44.00 \$7,040.00 Seed Seed - Cotton Dryland HT 35 Thousand \$1.06 \$37.10 \$5,936.00 Other Chemicals Harvest Aid Apply Cotton Dryland 1 Acre \$10.00 \$10.00 \$1,600.00 Other Labor Hoeing 0.1 Acre \$15.00 \$1.50 \$240.00 Machinery Labor Tractors/Self-Propelled 0.65 Hour \$12.00 \$5.00 \$1,440.00 Diesel Fuel Tractors/Self-Propelled 3.4 Gallon \$3.00 \$10.20 \$1,631.46 Gasoline Pickup/General Use Equipment 1 Acre \$5.16 \$5.16 \$825.18 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$5.00 \$6.00 \$800.00 Interest on Credit Line Tractors/Self-Propelled 1 Acre \$6.00 \$6.00 \$800.00 Interest on Credit Line Tractors/Self-Propelled 1 Acre \$6.00 \$6.00 \$800.00 Interest on Credit Line Tractors/Self-Propelled 1 Acre \$6.00 \$6.00 \$800.00 Interest on Credit Line Tractors/Self-Propelled 1 Acre \$6.00 \$6.00 \$800.00 Interest on Credit Line Tractors/Self-Propelled 1 Acre \$6.00 \$6.00 \$800.00 Interest on Credit Line Total Total Total Equipment Fixed Costs Fickup/General Use Equipment 1 Acre \$6.00 \$6.00 \$800.00 Fickup/General Use Equipment 1 Acre \$1.25		1	Acre	\$6.00	\$6.00	\$960.00
Spot Spray and Chemical 0.1 Acre \$15.00 \$1.50 \$240.00 Insecticide Boll Weevil Assessment Dryland 1 Acre \$6.00 \$6.00 \$960.00 Insecticide and Apply Cotton Dryland 1 Acre \$6.00 \$6.00 \$960.00 Miscellaneous Crop Insurance Cotton - Dryland 1 Acre \$44.00 \$44.00 \$7,040.00 Seed Seed - Cotton Dryland HT 35 Thousand \$1.06 \$37.10 \$5,936.00 Other Chemicals Harvest Aid Apply Cotton Dryland 1 Acre \$10.00 \$10.00 \$1,600.00 Other Labor Hoeing 0.1 Acre \$15.00 \$1.50 \$240.00 Machinery Labor Tractors/Self-Propelled 0.65 Hour \$12.00 \$7.80 \$1,248.00 Other Labor O.75 Hour \$12.00 \$9.00 \$1,440.00 Diesel Fuel Tractors/Self-Propelled 3.4 Gallon \$3.00 \$10.20 \$1,631.46 Gasoline Pickup/General Use Equipment 1 Acre \$5.16 \$5.16 \$825.18 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$6.00 \$6.00 \$960.00 Interest on Credit Line 1 Acre \$6.00 \$6.00 \$960.00 Interest on Credit Line 1 Acre \$6.00 \$6.00 \$960.00 Interest on Credit Line 1 Acre \$0.51 Pound Fiked Costs 1 Acre \$1.25 \$1.25 \$1.3218.18 Fixed Costs F	Herbicide - Cotton At Plant	1	Acre	\$6.50	\$6.50	\$1,040.00
Insecticide	Herbicide - Cotton Postplant Dryland	1	Acre	\$29.00	\$29.00	\$4,640.00
Boll Weevil Assessment Dryland 0.8 Bale \$0.00	Spot Spray and Chemical	0.1	Acre	\$15.00	\$1.50	\$240.00
Insecticide and Apply Cotton Dryland 1 Acre \$6.00 \$6.00 \$960.00	Insecticide					
Miscellaneous						
Crop Insurance Cotton - Dryland		1	Acre	\$6.00	\$6.00	\$960.00
Seed Cotton Dryland HT 35 Thousand \$1.06 \$37.10 \$5,936.00				****	****	
Seed - Cotton Dryland HT 35 Thousand \$1.06 \$37.10 \$5,936.00		1	Acre	\$44.00	\$44.00	\$7,040.00
Other Chemicals Harvest Aid Apply Cotton Dryland Other Labor 1 Acre \$10.00 \$10.00 \$1,600.00 Machinery Labor Tractors/Self-Propelled 0.65 Hour \$12.00 \$7.80 \$1,248.00 Other Labor Other Labor 0.75 Hour \$12.00 \$9.00 \$1,440.00 Diesel Fuel Tractors/Self-Propelled 3.4 Gallon \$3.00 \$9.00 \$1,631.46 Gasoline Pickup/General Use Equipment 1 Acre \$5.16 \$5.16 \$825.18 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$0.50 \$0.50 \$80.00 Tractors/Self-Propelled 1 Acre \$0.50 \$0.50 \$80.00 Interest on Credit Line 9.00% \$10.37 \$1,658.52 Total Variable Costs \$0.50 \$0.50 \$480.00 Planned Returns Above Variable Costs: Breakeven Price to Cover Variable Costs \$0.51 \$269.29 \$43,085.82 FIXED COSTS Quantity Units \$/Unit Total Enterprise Equipment Fixed Costs Quantity Unit		25	Thousand	¢1.00	¢27.10	¢E 026 00
Harvest Aid Apply Cotton Dryland Other Labor Hoeing 0.1 Acre \$15.00 \$15.00 \$240.00 Machinery Labor Tractors/Self-Propelled 0.65 Hour \$12.00 \$7.80 \$1,248.00 Other Labor Other Labor O.75 Hour \$12.00 \$9.00 \$1,440.00 Diesel Fuel Tractors/Self-Propelled 3.4 Gallon \$3.00 \$10.20 \$1,631.46 Gasoline Pickup/General Use Equipment 1 Acre \$5.16 \$5.16 \$825.18 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$6.00 \$6.00 \$960.00 Implements 1 Acre \$6.00 \$6.00 \$960.00 Implements 1 Acre \$3.00 \$3.00 \$480.00 Implements 1 Acre \$0.50 \$3.00 \$480.00 \$400.00 Implements 1 Acre \$0.50 \$3.00 \$480.00 \$400		35	mousand	\$1.00	\$37.10	\$5,936.00
Other Labor Hoeing 0.1 Acre \$15.00 \$1.50 \$240.00 Machinery Labor Tractors/Self-Propelled Other Labor 0.65 Hour \$12.00 \$7.80 \$1,248.00 Diesel Fuel Tractors/Self-Propelled Gasoline Pickup/General Use Equipment 3.4 Gallon \$3.00 \$10.20 \$1,631.46 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$5.16 \$5.16 \$825.18 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$0.50 \$0.50 \$80.00 Tractors/Self-Propelled 1 Acre \$6.00 \$0.50 \$80.00 Implements 1 Acre \$6.00 \$0.50 \$80.00 Interest on Credit Line 9.00% \$10.37 \$1,658.52 Total Variable Costs \$0.51 \$0.00 \$10.37 \$1,658.52 Planned Returns Above Variable Costs \$0.51 \$0.00 \$1,258.52 \$1.25 \$1.25 \$1.25 \$1.25 \$1.25 \$1.25 \$1.25 \$269.29 \$43,085.82 \$1.25 \$1.25 \$1.25		1	Acre	\$10.00	\$10.00	\$1,600,00
Hoeing Machinery Labor Tractors/Self-Propelled O.65 Hour \$12.00 \$7.80 \$1,248.00 Other Labor O.75 Hour \$12.00 \$9.00 \$1,440.00 Diesel Fuel Tractors/Self-Propelled O.75 Hour \$12.00 \$9.00 \$1,440.00 Diesel Fuel Tractors/Self-Propelled O.75 Hour \$12.00 \$9.00 \$1,440.00 Diesel Fuel Tractors/Self-Propelled O.75 Hour \$12.00 \$9.00 \$1,631.46 Gasoline Pickup/General Use Equipment O.75 Acre \$5.16 \$5.16 \$825.18 Repairs & Maintenance Pickup/General Use Equipment O.75 Acre \$0.50 \$0.50 \$80.00 Tractors/Self-Propelled O.75 Acre \$0.00 \$0.50 \$80.00 Implements O.75 Acre \$0.00 \$0.00 \$9.000 Implements O.75 Acre \$0.00 \$0.00 \$9.000 \$9.000 \$1.037 \$1.658.52 \$1.01 Variable Costs \$0.51 Pound Enterprise Fixed Costs O.75 O.75 Fixed Costs O.75 O.75 Fixed Costs O.75 Fixed Costs O.75 Fixed Costs O.			71010	Ψ10.00	Ψ10.00	ψ1,000.00
Machinery Labor		0.1	Acre	\$15.00	\$1.50	\$240.00
Tractors/Self-Propelled O.65 Hour \$12.00 \$7.80 \$1,248.00 Other Labor O.75 Hour \$12.00 \$9.00 \$1,440.00 Diesel Fuel Tractors/Self-Propelled 3.4 Gallon \$3.00 \$10.20 \$1,631.46 Gasoline Pickup/General Use Equipment 1 Acre \$5.16 \$5.16 \$825.18 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$0.50 \$0.50 \$80.00 Tractors/Self-Propelled 1 Acre \$6.00 \$6.00 \$960.00 Implements 1 Acre \$3.00 \$3.00 \$480.00 Interest on Credit Line 9.00% \$10.37 \$1,658.52 Total Variable Costs \$269.29 \$43,085.82 \$103.73 \$1,658.52 \$103.74 \$1,658.52 \$103.74 \$1,658.52 \$103.74 \$1,658.52 \$103.74 \$1,658.52 \$103.74 \$1,658.52 \$103.74 \$1,658.52 \$103.74 \$1,658.52 \$103.74 \$1,658.52 \$103.74 \$1,658.52 \$103.74 \$1,658.52 \$103.74 \$1,658.52 \$103.74 \$1,658.52 \$103.74 \$1,658.52 \$103.74 \$1,658.52 \$103.74 \$1,658.52 \$103.74 \$1,658.52 \$103.74 \$1,658.52 \$1,668.52 \$1		· · ·	710.0	Ψ.0.00	Ψ1.00	42 10100
Other Labor Diesel Fuel Tractors/Self-Propelled 3.4 Gallon \$3.00 \$9.00 \$1,440.00 Gasoline Pickup/General Use Equipment Pickup/General Use Equipment Pickup/General Use Equipment I Acre Pickup/General Use Equipment I Secondary I Seconda		0.65	Hour	\$12.00	\$7.80	\$1,248.00
Tractors/Self-Propelled 3.4 Gallon \$3.00 \$10.20 \$1,631.46 Gasoline Pickup/General Use Equipment 1 Acre \$5.16 \$5.16 \$825.18 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$0.50 \$0.50 \$80.00 Tractors/Self-Propelled 1 Acre \$6.00 \$6.00 \$960.00 Implements 1 Acre \$3.00 \$3.00 \$480.00 Implements 1 Acre \$3.00 \$3.00 \$480.00 Implements \$1 Acre \$3.00 \$3.00 \$480.00 Implements \$1 Acre \$3.00 \$3.00 \$480.00 Implements \$1.25 \$269.29 \$43,085.82 \$1.25	Other Labor	0.75	Hour	\$12.00	\$9.00	\$1,440.00
Pickup/General Use Equipment 1 Acre \$5.16 \$5.16 \$825.18	Diesel Fuel					
Pickup/General Use Equipment 1		3.4	Gallon	\$3.00	\$10.20	\$1,631.46
Repairs & Maintenance						
Pickup/General Use Equipment 1		1	Acre	\$5.16	\$5.16	\$825.18
Tractors/Self-Propelled	•			**	** **	***
Implements						
Interest on Credit Line		-				
Total Variable Costs \$269.29 \$43,085.82		,	Acre			
Planned Returns Above Variable Costs: Breakeven Price to Cover Variable Costs \$0.51 Pound Enterprise				3.00 /6	\$269.29	
Substitute Sub				•		
FIXED COSTS Quantity Units \$/Unit Total Enterprise Total Equipment Fixed Costs Pickup/General Use Equipment 1 Acre \$1.25 \$1.25 \$200.00 Tractors/Self-Propelled 1 Acre \$12.00 \$12.00 \$1,920.00 Implements 1 Acre \$25.00 \$25.00 \$4,000.00 Management Fee, Owner/Operator Labor 1 Acre \$25.00 \$25.00 \$4,000.00 Cash Rent - Cotton Dryland 1 Acre \$50.00 \$50.00 \$8,000.00 Whole Farm Insurance 1 Acre \$2.00 \$320.00 Total Fixed Costs \$100.25 \$16,040.00 Total Specified Costs \$369.54 \$59,125.82 Returns Above Specified Costs (\$17.64) (\$2,821.82)				\$0.51		\$13,210.10
Equipment Fixed Costs	Broakeverr rice to cover variable costs			Ψ0.01	1 ound	Enterprise
Equipment Fixed Costs Pickup/General Use Equipment 1 Acre \$1.25 \$200.00 Tractors/Self-Propelled 1 Acre \$12.00 \$12.00 \$1,920.00 Implements 1 Acre \$10.00 \$10.00 \$1,600.00 Management Fee, Owner/Operator Labor 1 Acre \$25.00 \$25.00 \$4,000.00 Cash Rent - Cotton Dryland 1 Acre \$50.00 \$50.00 \$8,000.00 Whole Farm Insurance 1 Acre \$2.00 \$22.00 \$320.00 Total Fixed Costs \$100.25 \$16,040.00 Returns Above Specified Costs \$369.54 \$59,125.82	FIXED COSTS	Quantity	Units	\$/Unit	Total	
Tractors/Self-Propelled Implements 1 Acre \$12.00 \$1,920.00 Management Fee, Owner/Operator Labor Cash Rent - Cotton Dryland 1 Acre \$25.00 \$25.00 \$4,000.00 Whole Farm Insurance 1 Acre \$50.00 \$50.00 \$8,000.00 Whole Farm Insurance 1 Acre \$2.00 \$2.00 \$320.00 Total Fixed Costs \$100.25 \$16,040.00 \$369.54 \$59,125.82 Returns Above Specified Costs \$369.54 \$59,125.82 \$369.54 \$2,821.82				4, 4,		
Implements	Pickup/General Use Equipment	1	Acre	\$1.25	\$1.25	\$200.00
Management Fee, Owner/Operator Labor 1 Acre \$25.00 \$25.00 \$4,000.00 Cash Rent - Cotton Dryland 1 Acre \$50.00 \$50.00 \$8,000.00 Whole Farm Insurance 1 Acre \$2.00 \$2.00 \$320.00 Total Fixed Costs \$100.25 \$16,040.00 \$100.25 \$16,040.00 Total Specified Costs \$369.54 \$59,125.82 Returns Above Specified Costs \$(\$17.64) \$(\$2,821.82)		1	Acre	\$12.00	\$12.00	\$1,920.00
Cash Rent - Cotton Dryland Whole Farm Insurance 1 Acre \$50.00 \$50.00 \$8,000.00 \$8,000.00 \$320.00 \$320.00 Total Fixed Costs Total Specified Costs \$10.25 \$16,040.00 \$320.0	Implements	1	Acre	\$10.00	\$10.00	\$1,600.00
Whole Farm Insurance 1 Acre \$2.00 \$2.00 \$320.00 Total Fixed Costs \$100.25 \$16,040.00 Total Specified Costs \$369.54 \$59,125.82 Returns Above Specified Costs (\$17.64) (\$2,821.82)		-	Acre	\$25.00	\$25.00	
Total Fixed Costs \$100.25 \$16,040.00 Total Specified Costs \$369.54 \$59,125.82 Returns Above Specified Costs (\$17.64) (\$2,821.82)			Acre	\$50.00	\$50.00	\$8,000.00
Total Specified Costs \$369.54 \$59,125.82 Returns Above Specified Costs (\$17.64) (\$2,821.82)		1	Acre	\$2.00	•	
Returns Above Specified Costs (\$17.64) (\$2,821.82)	Total Fixed Costs			•	\$100.25	\$16,040.00
•	Total Specified Costs				\$369.54	\$59,125.82
Breakeven Price to Cover Total Costs \$0.76 Pound	Returns Above Specified Costs			•	(\$17.64)	(\$2,821.82)
	Breakeven Price to Cover Total Costs			\$0.76	Pound	

		Examp	Example Breakeven Prices			
Example	Example	To Cover	To Cover			
Yield	Yield	Variable	Total			
Percent	Pound	Costs	Costs			
75%	300.00	\$0.68	\$1.02			
90%	360.00	\$0.57	\$0.85			
100%	400.00	\$0.51	\$0.76			
110%	440.00	\$0.47	\$0.69			
125%	500.00	\$0.41	\$0.61			

Developed by Agricultural Economists, Texas A&M AgriLife Extension. 806-746-6101

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation. Brand names are mentioned only as examples and imply no endorsement.