Projections for Planning Purposes Only -- Not to be Used without Updating 2017 Estimated Costs and Returns per Acre Dryland Cotton, Stacked Gene, Follow Wheat - 2700 Acres West Central Extension District - 7

Crop Acres 2700

Cotton Lint	REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Cotton Seed 0.29 Ton \$220.00 \$63.36 \$8171,072.00 \$816.36 \$851472.00 Enterprise \$15014 Evenue \$15						
VARIABLE COSTS		0.29				
VARIABLE COSTS Quantity Units VInit Total Total	Total Revenue			_	\$315.36	\$851,472.00
Production Costs						
Custom Soil Test-Dryland 1		Quantity	Units	\$/Unit	Total	Total
Soil Test-Dryland						
Custom Strip		1	Each	¢0.25	¢0.25	¢675.00
Cin and Haul 12.5 CWT \$2.50 \$31.25 \$84.375.00 Custom Bag/Tile 0.7 Bales \$5.00 \$3.50 \$9.450.00 Fertilizer Phosphate 19 Pounds \$0.27 \$5.15 \$13.893.75 Nitrogen Dry-Urea 26 Pounds \$0.37 \$51.15 \$13.893.75 Nitrogen Dry-Urea 26 Pounds \$0.39 \$10.17 \$27.469.57 Herbicide Glyphosate 160 Ounce \$0.07 \$11.20 \$30.240.00 \$2.40 Amine 4 1.25 Pint \$1.63 \$2.03 \$5.484.35 \$1.896.88 Trifluralin 1.5 Pint \$2.94 \$4.41 \$11.896.88 \$4.41 \$4.428.13		•				
Custom Bag/Tie						
Fertilizer						
Nitrogen Dry-Urea 26						*-,
Herbicide	Phosphate	19	Pounds	\$0.27	\$5.15	\$13,893.75
Glyphosate		26	Pounds	\$0.39	\$10.17	\$27,469.57
2-ÁD Amine 4 1.25 Pint Pint \$2.94 \$4.41 \$1.896.88 Caparol 24 Ounce \$0.22 \$5.54 \$14,896.88 Insecticide Bacho 4F 1.5 Ounce \$0.69 \$1.03 \$2,784.38 Miscellaneous Boll Weevil Eradication Program 0.8 Bale \$1.00 \$0.80 \$2,160.00 Dry Cotton Stax 0 Acre \$5.68 \$7.68 \$20,786.00 Seed Seed Cotton - B2RF 29 Thousand \$1.28 \$37.02 \$99,957.45 Other Chemicals Paraquat, 3lb (Firestorm) 28 Ounce \$0.13 \$3.72 \$10,039.68 Machinery Labor Tractors/Self-Propelled 0.78 Hour \$12.00 \$9.36 \$25,272.00 Diesel Fuel Tractors/Self-Propelled 5.63 Gallon \$1.75 \$9.85 \$26,601.75 Gasoline Pickup/General Use Equipment 1 Acre \$1.56 \$1.56 \$4,199.20 Repairs & Maintenance Pickup/General Use Equipment					_	
Trifluralin						
Caparol 24						
Direx 1.5 Direx 1.5 Dunce S0.69 \$1.03 \$2.784.38						
Insecticide	•					
Macho 4F 1.5 Ounce \$0.69 \$1.03 \$2,784.38 Miscellaneous Boll Weevil Eradication Program Dry Cotton Stax 0.8 Bale \$1.00 \$0.80 \$2,160.00 Dry Cotton Stax 0.0 Acre \$5.82 \$0.00 \$0.00 Seed Seed Cotton P70% YE, SE, Ent 1 Acre \$7.68 \$7.68 \$20,736.00 Seed Seed Cotton - B2RF 29 Thousand \$1.28 \$37.02 \$99,957.45 Other Chemicals Paraquat, 3lb (Firestorm) 28 Ounce \$0.13 \$3.72 \$10,039.68 Machinery Labor Tractors/Self-Propelled 0.78 Hour \$12.00 \$9.36 \$25,272.00 Diesel Fuel Tractors/Self-Propelled 5.63 Gallon \$1.75 \$9.85 \$26,601.75 Gasoline Pickup/General Use Equipment 1 Acre \$1.56 \$1.56 \$4,199.20 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$1.33 \$31.33 \$30,603.02 Impleme		2	FIIIIS	φ2.41	φ4.01	\$12,993.73
Miscellaneous		1.5	Ounce	\$0.69	\$1.03	\$2 784 38
Dry Cotton Stax			04.100	ψ0.00	Ψ1.00	ψ2,7 0 1100
Dry Cotton RP 70% YE, SE, Ent 1 Acre \$7.68 \$7.68 \$20,736.00	Boll Weevil Eradication Program	0.8	Bale	\$1.00	\$0.80	\$2,160.00
Seed Octton - B2RF 29 Thousand \$1.28 \$37.02 \$99,957.45 Other Chemicals Paraquat, 3lb (Firestorm) 28 Ounce \$0.13 \$3.72 \$10,039.68 Machinery Labor Tractors/Self-Propelled 0.78 Hour \$12.00 \$9.36 \$25,272.00 Diesel Fuel Tractors/Self-Propelled 5.63 Gallon \$1.75 \$9.85 \$26,601.75 Gasoline Pickup/General Use Equipment Pickup/General Use Equipment Tractors/Self-Propelled 1 Acre \$1.56 \$1.56 \$4,199.20 Repairs & Maintenance Pickup/General Use Equipment Tractors/Self-Propelled 1 Acre \$0.78 \$0.78 \$2,117.00 Tractors/Self-Propelled Implements 1 Acre \$1.33 \$11.33 \$30,603.02 \$3,003.02 \$2,0042.20 \$4,12 \$11,100 \$1,100 \$1,100 \$1,100 \$3,003.02 \$3,003.	Dry Cotton Stax	0	Acre	\$5.82	\$0.00	\$0.00
Seed Cotton - B2RF		1	Acre	\$7.68	\$7.68	\$20,736.00
Other Chemicals				4		
Paraquat, 3lb (Firestorm) 28		29	Thousand	\$1.28	\$37.02	\$99,957.45
Machinery Labor Tractors/Self-Propelled 0.78 Hour \$12.00 \$9.36 \$25,272.00 Diesel Fuel Tractors/Self-Propelled 5.63 Gallon \$1.75 \$9.85 \$26,601.75 Gasoline Pickup/General Use Equipment Tractors/Self-Propelled 1 Acre \$1.56 \$1.56 \$4,199.20 Repairs & Maintenance Pickup/General Use Equipment Tractors/Self-Propelled 1 Acre \$0.78 \$0.78 \$2,117.00 Interest on Credit Line Total Variable Costs 1 Acre \$11.33 \$11.33 \$30,603.02 Planned Returns Above Variable Costs 5.25% \$4.12 \$11,120 Planned Returns Above Variable Costs \$0.35 \$111.07 \$299,878.85 Breakeven Price to Cover Variable Costs \$0.35 \$0.35 \$0.00 Enterprise FIXED COSTS Quantity Units \$/Unit Total Enterprise FIXED COSTS Quantity Units \$/Unit Total Enterprise FIXED COSTS Quantity Units \$/Unit Total Total Equipment Interprise <td></td> <td>20</td> <td>Ounce</td> <td>CO 42</td> <td>¢2.72</td> <td>¢10,020,69</td>		20	Ounce	CO 42	¢2.72	¢10,020,69
Tractors/Self-Propelled 0.78 Hour \$12.00 \$9.36 \$25,272.00 Diesel Fuel Tractors/Self-Propelled 5.63 Gallon \$1.75 \$9.85 \$26,601.75 Gasoline		20	Ounce	φυ.13	\$3.72	\$10,039.00
Diesel Fuel	•	0.78	Hour	\$12.00	\$9.36	\$25 272 00
Tractors/Self-Propelled 5.63 Gallon \$1.75 \$9.85 \$26,601.75		0.70	rioui	Ψ12.00	ψ0.00	Ψ20,272.00
Pickup/General Use Equipment 1 Acre \$1.56 \$1.56 \$4,199.20		5.63	Gallon	\$1.75	\$9.85	\$26,601.75
Repairs & Maintenance						. ,
Pickup/General Use Equipment 1 Acre \$0.78 \$0.78 \$2,117.00 Tractors/Self-Propelled 1 Acre \$11.33 \$11.33 \$30,603.02 Implements 1 Acre \$7.42 \$7.42 \$20,042.20 Interest on Credit Line 5.25% \$4.12 \$11,124.04 Total Variable Costs \$11.07 \$299,878.85 Planned Returns Above Variable Costs \$0.35 Pound Fixed Costs \$0.35	Pickup/General Use Equipment	1	Acre	\$1.56	\$1.56	\$4,199.20
Tractors/Self-Propelled	•					
Implements						
Interest on Credit Line						
Substract		1	Acre			
Planned Returns Above Variable Costs Signature S				5.25%		
Enterprise				_		
Machinery Depreciation Pickup/General Use Equipment 1 Acre \$1.66 \$1.66 \$4,489.20 Tractors/Self-Propelled 1 Acre \$19.20 \$19.20 \$51,851.93 Implements 1 Acre \$19.20 \$19.20 \$51,851.93 Implements 1 Acre \$10.17 \$10.17 \$27,470.26 Equipment Investment Pickup/General Use Equipment \$9.22 Dollars \$5.25% \$0.48 \$1,306.31 Tractors/Self-Propelled \$146.13 Dollars \$5.25% \$7.67 \$20,713.57 Implements \$49.31 Dollars \$5.25% \$2.59 \$6,989.59 Management Fee, Owner/Operator Labor 1 Acre \$10.00 \$10.00 \$27,000.00 Rent-Dryland Crop 1 Acre \$1.00 \$35.00 \$94,500.00 Whole Farm Insurance 1 Acre \$1.00 \$1.00 \$2,700.00 Total Fixed Costs \$87.79 \$237,020.86 Total Specified Costs \$292.08 \$788,614.01				\$0.35 E		\$299,878.85
Machinery Depreciation	Breakeveri Frice to Cover Variable Costs			φ0.33 F	ouria	Enternrise
Machinery Depreciation Pickup/General Use Equipment Tractors/Self-Propelled 1 Acre 1 \$1.66 \$1.66 \$4,489.20 Implements Implements 1 Acre 1 \$19.20 \$19.20 \$51,851.93 Equipment Investment Pickup/General Use Equipment Tractors/Self-Propelled Tractors	FIXED COSTS	Quantity	Units	\$/Unit	Total	
Pickup/General Use Equipment Tractors/Self-Propelled 1 Acre 1 \$1.66 \$1.66 \$4,489.20 Implements 1 Acre \$19.20 \$19.20 \$51,851.93 Implements 1 Acre \$10.17 \$10.17 \$27,470.26 Equipment Investment Pickup/General Use Equipment Tractors/Self-Propelled Implements \$9.22 Dollars \$146.13 5.25% Dollars \$1.25% \$0.48 \$1,306.31 Tractors/Self-Propelled Implements \$49.31 Dollars \$49.31 5.25% Dollars \$2.25% \$2.59 \$6,989.59 Management Fee, Owner/Operator Labor Rent-Dryland Crop 1 Acre \$35.00 \$35.00 \$94,500.00 Whole Farm Insurance 1 Acre \$35.00 \$35.00 \$94,500.00 Total Fixed Costs \$87.79 \$237,020.86 Total Specified Costs \$292.08 \$788,614.01				4, 4		
Tractors/Self-Propelled Implements 1 Acre Implements \$19.20 \$19.20 \$51,851.93 Equipment Investment Pickup/General Use Equipment Investment Pickup/General Use Equipment Pickup/General Use Equipment Pickup/General Use Equipment Supplements \$9.22 Dollars Dollars Dollars Dollars Supplement Suppleme		1	Acre	\$1.66	\$1.66	\$4,489.20
Equipment Investment Pickup/General Use Equipment Tractors/Self-Propelled \$9.22 Dollars Dollars 5.25% 5.25% \$0.48 \$1,306.31 Inplements \$146.13 Dollars 5.25% \$7.67 \$20,713.57 Implements \$49.31 Dollars 5.25% \$2.59 \$6,889.59 Management Fee, Owner/Operator Labor Rent-Dryland Crop 1 Acre \$10.00 \$27,000.00 Whole Farm Insurance 1 Acre \$35.00 \$35.00 \$94,500.00 Whole Farm Insurance 1 Acre \$1.00 \$1.00 \$2,700.00 Total Specified Costs \$87.79 \$237,020.86 Returns Above Specified Costs \$292.08 \$788,614.01	Tractors/Self-Propelled	1	Acre	\$19.20	\$19.20	\$51,851.93
Pickup/General Use Equipment \$9.22 Dollars 5.25% \$0.48 \$1,306.31 Tractors/Self-Propelled \$146.13 Dollars 5.25% \$7.67 \$20,713.57 Implements \$49.31 Dollars 5.25% \$2.59 \$6,989.59 Management Fee, Owner/Operator Labor Acre \$10.00 \$27,000.00 Rent-Dryland Crop 1 Acre \$35.00 \$35.00 \$94,500.00 Whole Farm Insurance 1 Acre \$1.00 \$1.00 \$2,700.00 Total Fixed Costs \$87.79 \$237,020.86 Total Specified Costs \$292.08 \$788,614.01 Returns Above Specified Costs \$23.28 \$62,857.99	Implements	1	Acre	\$10.17	\$10.17	\$27,470.26
Tractors/Self-Propelled \$146.13 Dollars 5.25% \$7.67 \$20,713.57 Implements \$49.31 Dollars 5.25% \$2.59 \$6,989.59 \$6,989.59 \$6,989.59 \$6,989.59 \$6,989.59 \$6,989.59 \$6,989.59 \$6,989.59 \$6,989.59 \$6,989.59 \$6,989.59 \$6,989.59 \$6,989.59 \$6,989.59 \$6,989.59 \$6,989.59 \$10.00 \$10.00 \$27,000.00 \$27,000.00 \$35.00 \$35.00 \$94,500.00 \$35.00 \$94,500.00 \$1.00 \$2,700.00 \$1.00 \$1.00 \$2,700.00 \$1.0						
Implements						
Management Fee, Owner/Operator Labor Rent-Dryland Crop Whole Farm Insurance 1 Acre 1 Acr						
Rent-Dryland Crop Whole Farm Insurance 1 Acre 1 Acre \$35.00 \$1.00 \$35.00 \$1.00 \$94,500.00 \$2,700.00 Total Fixed Costs Total Specified Costs \$87.79 \$237,020.86 Returns Above Specified Costs \$292.08 \$788,614.01						
Whole Farm Insurance 1 Acre \$1.00 \$1.00 \$2,700.00 Total Fixed Costs \$87.79 \$237,020.86 Total Specified Costs \$292.08 \$788,614.01 Returns Above Specified Costs \$23.28 \$62,857.99						
Total Fixed Costs \$87.79 \$237,020.86 Total Specified Costs \$292.08 \$788,614.01 Returns Above Specified Costs \$23.28 \$62,857.99						
Total Specified Costs \$292.08 \$788,614.01 Returns Above Specified Costs \$23.28 \$62,857.99		1	AUE	φ1.00_		
Returns Above Specified Costs \$23.28 \$62,857.99				=		
•	Total opposition doubts			=	Ψ202.00	Ψ100,014.01
Breakeven Price to Cover Total Costs \$0.57 Pound	Returns Above Specified Costs				\$23.28	\$62,857.99
	Breakeven Price to Cover Total Costs			\$0.57 F	ound	

		Examp	Example Breakeven Prices			
Example	Example	To Cover	To Cover			
Yield	Yield	Variable	Total			
Percent	Pound	Costs	Costs			
75%	300.00	\$0.47	\$0.76			
90%	360.00	\$0.39	\$0.64			
100%	400.00	\$0.35	\$0.57			
110%	440.00	\$0.32	\$0.52			
125%	500.00	\$0.28	\$0.46			

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

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.