

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2021 Estimated Costs and Returns per Acre**  
**Dryland Cotton, Auxin Technology, Follow Wheat**  
**West Central Extension District - 7**

Crop Acres		2700				
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total	
Cotton Lint	375.00	Pound	\$0.63	\$236.25	\$637,875.00	
Cotton Seed	0.27	Ton	\$225.00	\$61.04	\$164,814.75	
<b>Total Revenue</b>				<b>\$297.29</b>	<b>\$802,689.75</b>	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
<b>Production Costs</b>						
Herbicide						
Glyphosate	160	Ounce	\$0.13	\$21.25	\$57,375.00	
2-4D Amine 4	1.25	Pint	\$1.61	\$2.02	\$5,442.19	
Trifluralin	1.5	Pint	\$2.75	\$4.13	\$11,137.50	
Caparol	24	Ounce	\$0.26	\$6.30	\$17,010.00	
Outlook	2	Ounce	\$1.04	\$2.08	\$5,619.38	
Auxin based herbicide	44	Ounce	\$0.50	\$22.00	\$59,400.00	
Seed						
Seed Cotton - B2 Auxin technology (D)	29	Thousand	\$1.44	\$41.76	\$112,752.00	
Fertilizer						
Phos (11-52-0 DRY MAT)	19	Pounds	\$0.45	\$8.59	\$23,182.47	
Nitrogen N32-liq	26	Pounds	\$0.38	\$9.95	\$26,872.56	
Custom						
Soil Test-Dryland	1	Each	\$0.25	\$0.25	\$675.00	
Gin and Haul	12.5	CWT	\$2.50	\$31.25	\$84,375.00	
Custom Strip	375	Pounds	\$0.11	\$41.25	\$111,375.00	
Custom Bag/Tie	0.75	Bales	\$5.00	\$3.75	\$10,125.00	
Miscellaneous						
Boll Weevil Eradication Program	0.75	Bale	\$1.00	\$0.75	\$2,025.00	
Dry Cotton RP 70% SE, Ent	1	Acre	\$6.21	\$6.21	\$16,767.00	
Insecticide						
Macho 4F	1.5	Ounce	\$0.71	\$1.07	\$2,895.12	
Other Chemicals						
Paraquat, 3lb (Firestorm)	28	Ounce	\$0.18	\$5.03	\$13,577.76	
Cutout (Adios)	4	Ounce	\$0.92	\$3.69	\$9,956.52	
Ethephon 6	1	Pint	\$3.81	\$3.81	\$10,293.75	
Machinery Labor						
Tractors/Self-Propelled	0.4	Hour	\$15.00	\$6.00	\$16,200.00	
Other Labor	0.3	Hour	\$15.00	\$4.50	\$12,150.00	
Diesel Fuel						
Tractors/Self-Propelled	5.39	Gallon	\$1.50	\$8.09	\$21,829.50	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$1.46	\$1.46	\$3,953.28	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$0.78	\$0.78	\$2,117.00	
Tractors/Self-Propelled	1	Acre	\$11.57	\$11.57	\$31,227.91	
Implements	1	Acre	\$6.93	\$6.93	\$18,708.95	
Interest on Credit Line			4.55%	\$4.70	\$12,702.05	
<b>Total Variable Costs</b>				<b>\$259.16</b>	<b>\$699,744.94</b>	
Planned Returns Above Variable Costs:				\$38.13	\$102,944.81	
Breakeven Price to Cover Variable Costs			\$0.53	Pound		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$1.66	\$1.66	\$4,489.20	
Tractors/Self-Propelled	1	Acre	\$21.72	\$21.72	\$58,651.44	
Implements	1	Acre	\$9.53	\$9.53	\$25,742.33	
Equipment Investment						
Pickup/General Use Equipment	\$9.22	Dollars	5.50%	\$0.51	\$1,368.51	
Tractors/Self-Propelled	\$164.69	Dollars	5.50%	\$9.06	\$24,456.04	
Implements	\$41.11	Dollars	5.50%	\$2.26	\$6,104.11	
Management Fee, Owner/Operator Labor	1	Acre	\$10.00	\$10.00	\$27,000.00	
Rent-Dryland Crop	1	Acre	\$35.00	\$35.00	\$94,500.00	
<b>Total Fixed Costs</b>				<b>\$89.75</b>	<b>\$242,311.64</b>	
<b>Total Specified Costs</b>				<b>\$348.91</b>	<b>\$942,056.57</b>	
Returns Above Specified Costs				(\$51.62)	(\$139,366.82)	
<b>Breakeven Price to Cover Total Costs</b>			<b>\$0.77</b>	<b>Pound</b>		

Example Breakeven Prices			
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Pound	Costs	Costs
75%	281.25	\$0.70	\$1.02
90%	337.50	\$0.59	\$0.85
100%	375.00	\$0.53	\$0.77
110%	412.50	\$0.48	\$0.70
125%	468.75	\$0.42	\$0.61

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.**