

Projections for Planning Purposes Only -- Not to be Used without Updating
2021 Estimated Costs and Returns per Acre
Dryland Cotton, B2RF, 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
Total Revenue				\$297.29	\$802,689.75
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Seed					
Seed Cotton - B2RF (dryland)	29	Thousand	\$1.30	\$37.63	\$101,594.25
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
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
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%	\$4.29	\$11,594.47
Total Variable Costs				\$232.62	\$628,079.60
Planned Returns Above Variable Costs:				\$64.67	\$174,610.15
Breakeven Price to Cover Variable Costs			\$0.46	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					
Rent-Dryland Crop	1	Acre	\$10.00	\$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 Fixed Costs				\$90.75	\$245,011.64
Total Specified Costs				\$323.37	\$873,091.24
Returns Above Specified Costs				(\$26.07)	(\$70,401.49)
Breakeven Price to Cover Total Costs			\$0.70	Pound	

Example Breakeven Prices			
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Pound	Costs	Costs
75%	281.25	\$0.61	\$0.93
90%	337.50	\$0.51	\$0.78
100%	375.00	\$0.46	\$0.70
110%	412.50	\$0.42	\$0.64
125%	468.75	\$0.37	\$0.56

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.