

**2019 Estimated Costs and Returns per Acre
Drip Irrigated Cotton, Extend Flex (Dicamba)
West Central Extension District - 7**

Crop Acres		400		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Cotton Lint	1,326.00	Pound	\$0.69	\$919.58	\$367,832.40
Cotton Seed	0.96	Ton	\$195.00	\$187.20	\$74,880.00
Total Revenue				\$1,106.78	\$442,712.40
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Custom					
Soil Test-Irrigated	1	Each	\$0.50	\$0.50	\$200.00
Apply Harvest Aid	2	Acre	\$7.00	\$14.00	\$5,600.00
Custom Strip	1326	Pounds	\$0.09	\$119.34	\$47,736.00
Gin and Haul	47.36	CWT	\$2.50	\$118.40	\$47,360.00
Custom Bag/Tie	2.41	Bales	\$5.00	\$12.05	\$4,820.00
Fertilizer					
Nitrogen Dry-Urea	11	Pounds	\$0.48	\$5.32	\$2,127.84
Phos (11-52-0 DRY MAT)	58	Pounds	\$0.55	\$31.90	\$12,760.00
Nitrogen N32-liq	60	Pounds	\$0.42	\$25.31	\$10,123.20
Herbicide					
Glyphosate	96	Ounce	\$0.13	\$12.22	\$4,888.32
2-4D Amine 4	1.25	Pint	\$1.44	\$1.80	\$718.75
Trifluralin	1.5	Pint	\$2.81	\$4.22	\$1,687.50
Caparol	24	Ounce	\$0.25	\$6.09	\$2,437.44
Mepiquat Chloride	22	Ounce	\$0.06	\$1.38	\$550.00
penita	6	Ounce	\$0.35	\$2.09	\$834.00
Outlook	15	Ounce	\$1.06	\$15.94	\$6,375.00
Extend Flex Dicamba	44	Ounce	\$0.50	\$22.00	\$8,800.00
Insecticide					
Spider Mite treatment	3.5	Ounce	\$2.24	\$7.84	\$3,136.00
flea hopper Treatment	1.75	Ounce	\$4.90	\$8.58	\$3,430.00
Miscellaneous					
Irr Cotton-RP 70% SE	1	Acre	\$9.66	\$9.66	\$3,864.00
Boll Weevil Eradication Program	2.652	Bale	\$1.00	\$2.65	\$1,060.80
Seed					
Seed Cotton - B2XF	38.5	Thousand	\$1.74	\$66.99	\$26,796.00
Other Chemicals					
Ethephon 6	1.5	Pint	\$2.49	\$3.73	\$1,492.50
Paraquat, 3lb (Firestorm)	28	Ounce	\$0.18	\$5.03	\$2,011.52
Cutout (Adios)	5	Ounce	\$0.69	\$3.45	\$1,380.00
Fungicides					
Topguard-4lb	7	Ounce	\$4.30	\$30.08	\$12,031.25
Irrigation					
Energy Cost	18.00	AcreInch	\$6.02	\$108.44	\$43,375.68
Irrigation Labor	0.80	Hour	\$12.00	\$9.60	\$3,840.00
Machinery Labor					
Tractors/Self-Propelled	0.79	Hour	\$12.00	\$9.48	\$3,792.00
Other Labor	0.19	Hour	\$12.00	\$2.28	\$912.00
Diesel Fuel					
Tractors/Self-Propelled	7.59	Gallon	\$2.60	\$19.73	\$7,893.60
Gasoline					
Pickup/General Use Equipment	1	Acre	\$1.82	\$1.82	\$727.92
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$0.82	\$0.82	\$328.50
Irrigation Equipment	1	Acre	\$5.50	\$5.50	\$2,200.32
Tractors/Self-Propelled	1	Acre	\$16.04	\$16.04	\$6,415.59
Implements	1	Acre	\$11.15	\$11.15	\$4,460.81
Interest on Credit Line			6.00%	\$13.48	\$5,393.36
Total Variable Costs				\$728.90	\$291,559.90
Planned Returns Above Variable Costs:				\$377.88	\$151,152.50
Breakeven Price to Cover Variable Costs			\$0.41	Pound	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$1.74	\$1.74	\$696.60
Irrigation Equipment	1	Acre	\$54.45	\$54.45	\$21,780.00
Tractors/Self-Propelled	1	Acre	\$21.82	\$21.82	\$8,726.31
Implements	1	Acre	\$14.18	\$14.18	\$5,672.68
Equipment Investment					
Pickup/General Use Equipment	\$9.65	Dollars	6.00%	\$0.58	\$231.66
Irrigation Equipment	\$555.50	Dollars	6.00%	\$33.33	\$13,332.00
Tractors/Self-Propelled	\$167.48	Dollars	6.00%	\$10.05	\$4,019.56
Implements	\$69.25	Dollars	6.00%	\$4.15	\$1,661.96
Rent-Irrigated Crop	1	Acre	\$70.00	\$70.00	\$28,000.00
Total Fixed Costs				\$210.30	\$84,120.77
Total Specified Costs				\$939.20	\$375,680.67
Returns Above Specified Costs				\$167.58	\$67,031.73
Breakeven Price to Cover Total Costs			\$0.57	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	994.50	\$0.54	\$0.76
90%	1193.40	\$0.45	\$0.63
100%	1326.00	\$0.41	\$0.57
110%	1458.60	\$0.37	\$0.52
125%	1657.50	\$0.33	\$0.45

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.