

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 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	\$0.63	\$835.38	\$334,152.00
Cotton Seed	0.96	Ton	\$205.00	\$196.80	\$78,720.00
Total Revenue				\$1,032.18	\$412,872.00
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	\$0.37	\$4.07	\$1,628.00
Phos (11-52-0 DRY MAT)	58	Pounds	\$0.44	\$25.64	\$10,254.40
Nitrogen N32-liq	60	Pounds	\$0.35	\$21.00	\$8,400.00
Herbicide					
Glyphosate	96	Ounce	\$0.13	\$12.48	\$4,992.00
2-4D Amine 4	1.25	Pint	\$1.63	\$2.03	\$812.50
Trifluralin	1.5	Pint	\$2.94	\$4.41	\$1,762.50
Caparol	24	Ounce	\$0.22	\$5.34	\$2,137.50
Mepiquat Chloride	22	Ounce	\$0.06	\$1.32	\$528.00
penita	6	Ounce	\$0.35	\$2.08	\$832.80
Outlook	15	Ounce	\$1.00	\$15.00	\$6,000.00
Entend Flex Dicamba	44	Ounce	\$0.52	\$22.69	\$9,074.56
Insecticide					
Spider Mite treatment	1.5	Acre	\$8.00	\$12.00	\$4,800.00
flea hopper Treatment	1	Acre	\$5.50	\$5.50	\$2,200.00
Miscellaneous					
Irr Cotton-RP 70% SE	1	Acre	\$22.42	\$22.42	\$8,968.00
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	\$2.38	\$3.57	\$1,428.00
Adios	5	Ounce	\$0.69	\$3.45	\$1,380.00
Paraquat, 3lb (Firestorm)	28	Ounce	\$0.18	\$5.04	\$2,016.00
Fungicides					
Topguard-4lb	7	Ounce	\$4.53	\$31.71	\$12,684.00
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	7.58	Gallon	\$2.15	\$16.30	\$6,518.80
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	\$15.80	\$15.80	\$6,319.46
Implements	1	Acre	\$10.52	\$10.52	\$4,208.07
Interest on Credit Line					
			6.00%	\$13.16	\$5,265.54
Total Variable Costs				\$727.40	\$290,959.36
Planned Returns Above Variable Costs:				\$304.78	\$121,912.64
Breakeven Price to Cover Variable Costs				\$0.40	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	\$21.29	\$21.29	\$8,514.11
Implements	1	Acre	\$13.43	\$13.43	\$5,373.98
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	\$163.48	Dollars	6.00%	\$9.81	\$3,923.48
Implements	\$66.05	Dollars	6.00%	\$3.96	\$1,585.29
Rent-Irrigated Crop	1	Acre	\$70.00	\$70.00	\$28,000.00
Total Fixed Costs				\$208.59	\$83,437.13
Total Specified Costs				\$935.99	\$374,396.48
Returns Above Specified Costs				\$96.19	\$38,475.52
Breakeven Price to Cover Total Costs				\$0.56	Pound

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	994.50	\$0.53	\$0.74
90%	1193.40	\$0.44	\$0.62
100%	1326.00	\$0.40	\$0.56
110%	1458.60	\$0.36	\$0.51
125%	1657.50	\$0.32	\$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.