

Projections for Planning Purposes Only -- Not to be Used without Updating
2020 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	\$0.59	\$782.34	\$312,936.00
Cotton Seed	0.96	Ton	\$225.00	\$216.00	\$86,400.00
Total Revenue				\$998.34	\$399,336.00
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	\$0.38	\$4.18	\$1,673.76
Phos (11-52-0 DRY MAT)	58	Pounds	\$0.39	\$22.59	\$9,034.54
Nitrogen N32-liq	60	Pounds	\$0.41	\$24.85	\$9,938.40
Herbicide					
Glyphosate	96	Ounce	\$0.13	\$12.75	\$5,100.00
2-4D Amine 4	1.25	Pint	\$1.60	\$2.00	\$800.00
Trifluralin	1.5	Pint	\$2.75	\$4.13	\$1,650.00
Caparol	24	Ounce	\$0.25	\$6.09	\$2,437.44
pentia	6	Head	\$2.35	\$14.10	\$5,640.00
Extend Flex Dicamba	44	Ounce	\$0.50	\$22.00	\$8,800.00
Mepiquat Chloride	22	Ounce	\$0.06	\$1.38	\$550.00
Outlook	15	Ounce	\$1.05	\$15.70	\$6,281.25
Insecticide					
flea hopper Treatment	1.75	Ounce	\$4.90	\$8.58	\$3,430.00
Spider Mite treatment	3.5	Ounce	\$2.74	\$9.59	\$3,836.00
Miscellaneous					
Boll Weevil Eradication Program	2.652	Bale	\$1.00	\$2.65	\$1,060.80
Irr Cotton-RP 70% SE	1	Acre	\$8.53	\$8.53	\$3,412.00
Seed					
Seed Cotton - B2XF	38.5	Thousand	\$1.74	\$66.99	\$26,796.00
Other Chemicals					
Ethephon 6	1.5	Pint	\$3.81	\$5.72	\$2,287.50
Cutout (Adios)	5	Ounce	\$0.92	\$4.61	\$1,843.80
Paraquat, 3lb (Firestorm)	28	Ounce	\$0.18	\$5.03	\$2,011.52
Fungicides					
Topguard-4lb	7	Ounce	\$4.45	\$31.17	\$12,468.75
Irrigation					
Energy Cost	18.00	AcreInch	\$6.02	\$108.44	\$43,375.68
Irrigation Labor	0.80	Hour	\$15.00	\$12.00	\$4,800.00
Machinery Labor					
Tractors/Self-Propelled	0.79	Hour	\$15.00	\$11.85	\$4,740.00
Other Labor	0.19	Hour	\$15.00	\$2.85	\$1,140.00
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	\$17.49	\$17.49	\$6,997.07
Implements	1	Acre	\$10.86	\$10.86	\$4,343.02
Interest on Credit Line			6.00%	\$13.47	\$5,389.53
Total Variable Costs				\$741.76	\$296,703.41
Planned Returns Above Variable Costs:				\$256.58	\$102,632.59
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	\$24.00	\$24.00	\$9,598.17
Implements	1	Acre	\$13.96	\$13.96	\$5,582.39
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	\$184.14	Dollars	6.00%	\$11.05	\$4,419.48
Implements	\$68.28	Dollars	6.00%	\$4.10	\$1,638.78
Rent-Irrigated Crop	1	Acre	\$70.00	\$70.00	\$28,000.00
Total Fixed Costs				\$213.20	\$85,279.07
Total Specified Costs				\$954.96	\$381,982.48
Returns Above Specified Costs				\$43.38	\$17,353.52
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.