

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2020 Estimated Costs and Returns per Acre**  
**Drip Irrigated Cotton, RF**  
**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	
<b>Total Revenue</b>				<b>\$998.34</b>	<b>\$399,336.00</b>	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
<b>Production Costs</b>						
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	
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	Ounce	\$4.90	\$4.90	\$1,960.00	
Spider Mite treatment	1.5	Ounce	\$2.74	\$4.11	\$1,644.00	
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 - B2RF	38.5	Thousand	\$1.17	\$45.05	\$18,021.08	
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%	\$12.14	\$4,854.99	
<b>Total Variable Costs</b>				<b>\$687.33</b>	<b>\$274,931.95</b>	
Planned Returns Above Variable Costs:				\$311.01	\$124,404.05	
Breakeven Price to Cover Variable Costs				\$0.36	Pound	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
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	
<b>Total Fixed Costs</b>				<b>\$213.20</b>	<b>\$85,279.07</b>	
<b>Total Specified Costs</b>				<b>\$900.53</b>	<b>\$360,211.02</b>	
Returns Above Specified Costs				\$97.81	\$39,124.98	
<b>Breakeven Price to Cover Total Costs</b>				<b>\$0.52</b>	<b>Pound</b>	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	994.50	\$0.47	\$0.69
90%	1193.40	\$0.39	\$0.57
100%	1326.00	\$0.36	\$0.52
110%	1458.60	\$0.32	\$0.47
125%	1657.50	\$0.28	\$0.41

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.**