

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2022 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	Total
Cotton Lint	1,326.00	Pound	\$0.84	\$1,113.84		\$445,536.00
Cotton Seed	0.96	Ton	\$250.00	\$240.00		\$96,000.00
<b>Total Revenue</b>				<b>\$1,353.84</b>		<b>\$541,536.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Production Costs</b>						
<b>Herbicide</b>						
Glyphosate	96	Ounce	\$0.13	\$12.75		\$5,100.00
2-4D Amine 4	1.25	Pint	\$1.61	\$2.02		\$806.25
Trifluralin	1.5	Pint	\$2.75	\$4.13		\$1,650.00
Caparol	24	Ounce	\$0.26	\$6.30		\$2,520.00
Mepiquat Chloride	28	Ounce	\$0.06	\$1.75		\$700.00
Outlook	15	Ounce	\$1.04	\$15.61		\$6,243.75
<b>Seed</b>						
Seed Cotton - B2RF (Irrigated)	38.5	Thousand	\$1.65	\$63.61		\$25,443.42
<b>Fertilizer</b>						
Nitrogen Dry-Urea	11	Pounds	\$0.41	\$4.51		\$1,804.00
Phos (11-52-0 DRY MAT)	58	Pounds	\$0.66	\$38.28		\$15,312.00
Nitrogen N32-liq	60	Pounds	\$0.69	\$41.40		\$16,560.00
<b>Custom</b>						
Soil Test-Irrigated	1	Each	\$0.50	\$0.50		\$200.00
Gin and Haul	47.36	CWT	\$2.50	\$118.40		\$47,360.00
Apply Harvest Aid	2	Acre	\$7.00	\$14.00		\$5,600.00
Custom Strip	1326	Pounds	\$0.11	\$145.86		\$58,344.00
Custom Bag/Tie	2.41	Bales	\$5.00	\$12.05		\$4,820.00
<b>Miscellaneous</b>						
Boll Weevil Eradication Program	2,652	Bale	\$1.00	\$2.65		\$1,060.80
Irr Cotton-RP 70% SE	1	Acre	\$7.67	\$7.67		\$3,068.00
<b>Other Chemicals</b>						
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
<b>Fungicides</b>						
Topguard Terra (4lb)	7	Ounce	\$4.61	\$32.27		\$12,906.04
<b>Insecticide</b>						
flea hopper Treatment	1	Ounce	\$7.78	\$7.78		\$3,112.50
Spider Mite treatment	1.5	Dose	\$0.34	\$0.51		\$204.00
<b>Irrigation</b>						
Energy Cost	18.00	AcreInch	\$3.71	\$66.73		\$26,692.73
Irrigation Labor	0.80	Hour	\$16.38	\$13.10		\$5,241.60
<b>Machinery Labor</b>						
Tractors/Self-Propelled	0.54	Hour	\$16.12	\$8.70		\$3,481.92
Other Labor	0.1	Hour	\$16.12	\$1.61		\$644.80
<b>Diesel Fuel</b>						
Tractors/Self-Propelled	4.51	Gallon	\$2.67	\$12.04		\$4,816.68
<b>Gasoline</b>						
Pickup/General Use Equipment	1	Acre	\$1.87	\$1.87		\$747.00
<b>Repairs &amp; Maintenance</b>						
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	\$11.56	\$11.56		\$4,622.25
Implements	1	Acre	\$4.51	\$4.51		\$1,802.78
Interest on Credit Line			6.30%	\$12.35		\$4,938.83
<b>Total Variable Costs</b>				<b>\$686.19</b>		<b>\$274,475.00</b>
<b>Planned Returns Above Variable Costs:</b>				<b>\$667.65</b>		<b>\$267,061.00</b>
Breakeven Price to Cover Variable Costs			\$0.34	Pound		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Machinery Depreciation</b>						
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	\$14.49	\$14.49		\$5,797.07
Implements	1	Acre	\$6.22	\$6.22		\$2,489.61
<b>Equipment Investment</b>						
Pickup/General Use Equipment	\$9.65	Dollars	6.30%	\$0.61		\$243.24
Irrigation Equipment	\$555.50	Dollars	6.30%	\$35.00		\$13,998.60
Tractors/Self-Propelled	\$111.62	Dollars	6.30%	\$7.03		\$2,812.84
Implements	\$34.06	Dollars	6.30%	\$2.15		\$858.33
Rent-Irrigated Crop	1	Acre	\$70.00	\$70.00		\$28,000.00
<b>Total Fixed Costs</b>				<b>\$191.69</b>		<b>\$76,676.30</b>
<b>Total Specified Costs</b>				<b>\$877.88</b>		<b>\$351,151.29</b>
<b>Returns Above Specified Costs</b>				<b>\$475.96</b>		<b>\$190,384.71</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$0.48</b>	<b>Pound</b>		

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	994.50	\$0.45	\$0.64
90%	1193.40	\$0.37	\$0.53
100%	1326.00	\$0.34	\$0.48
110%	1458.60	\$0.31	\$0.44
125%	1657.50	\$0.27	\$0.38

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.