

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2022 Estimated Costs and Returns per Acre**  
**Drip Irrigated Cotton, Auxin Technology**  
**West Central Extension District - 7**

Crop Acres		400		Enterprise	
REVENUE	Quantity	Units	\$/Unit	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	Enterprise Total
<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
Auxin based herbicide	44	Ounce	\$0.50	\$22.00	\$8,800.00
<b>Seed</b>					
Seed Cotton - B2 Auxin technology (irr)	38.5	Thousand	\$1.74	\$66.99	\$26,796.00
<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>					
Irr Cotton-RP 70% SE	1	Acre	\$7.67	\$7.67	\$3,068.00
Boll Weevil Eradication Program	2.652	Bale	\$1.00	\$2.65	\$1,060.80
<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-4lb	7	Ounce	\$4.61	\$32.27	\$12,906.04
<b>Insecticide</b>					
fla hopper Treatment	1.75	Ounce	\$7.78	\$13.62	\$5,446.88
Spider Mite treatment	3.5	Dose	\$0.34	\$1.19	\$476.00
<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%	\$13.13	\$5,251.32
<b>Total Variable Costs</b>				<b>\$718.87</b>	<b>\$287,546.44</b>
<b>Planned Returns Above Variable Costs:</b>				<b>\$634.97</b>	<b>\$253,989.56</b>
<b>Breakeven Price to Cover Variable Costs</b>			<b>\$0.36</b>	<b>Pound</b>	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<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>\$910.56</b>	<b>\$364,222.74</b>
<b>Returns Above Specified Costs</b>				<b>\$443.28</b>	<b>\$177,313.26</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$0.51</b>	<b>Pound</b>	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	994.50	\$0.48	\$0.67
90%	1193.40	\$0.40	\$0.56
100%	1326.00	\$0.36	\$0.51
110%	1458.60	\$0.33	\$0.46
125%	1657.50	\$0.29	\$0.40

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.**