

Projections for Planning Purposes Only -- Not to be Used without Updating
2013 Estimated Costs and Returns per Acre
Irrigated Cotton, Short Season Varieties - 100 Acres
Southwest Extension District - 10

Crop Acres		100				
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total	Enterprise Total
Cotton Lint	1,250.00	Pound	\$0.69	\$862.50	\$86,250.00	\$86,250.00
Cotton Seed	0.96	Ton	\$250.00	\$240.00	\$24,000.00	\$24,000.00
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00	\$0.00
Total Revenue				\$1,102.50	\$110,250.00	\$110,250.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	Enterprise Total
Production Costs						
Seed						
Seed Cotton	0.2	Bag	\$402.50	\$80.50	\$8,050.00	\$8,050.00
Crop Insurance						
CAT Insurance	1	Acre	\$1.00	\$1.00	\$100.00	\$100.00
Hail Insurance	1	Acre	\$16.00	\$16.00	\$1,600.00	\$1,600.00
Insecticide						
Soil Insecticide	2	Acre	\$10.00	\$20.00	\$2,000.00	\$2,000.00
Insecticide Cotton #7	1	Acre	\$7.56	\$7.56	\$756.00	\$756.00
Insecticide Cotton #6	2	Acre	\$5.94	\$11.88	\$1,188.00	\$1,188.00
Insecticide Cotton #8	1	Acre	\$9.72	\$9.72	\$972.00	\$972.00
Fertilizer						
Nitrogen N32	80	Pounds	\$0.60	\$47.81	\$4,781.25	\$4,781.25
Phosphate	50	Pounds	\$0.47	\$23.62	\$2,361.68	\$2,361.68
Miscellaneous Administrative Overhead						
Misc. Overhead	1	Acre	\$4.00	\$4.00	\$400.00	\$400.00
Miscellaneous						
Boll Weevil Eradication Progr:	1	Acre	\$23.00	\$23.00	\$2,300.00	\$2,300.00
Herbicide						
Prowel 3.3	1	Quart	\$9.13	\$9.13	\$913.00	\$913.00
Roundup	1.4	Pint	\$2.53	\$3.54	\$354.20	\$354.20
Pix	1	Acre	\$15.00	\$15.00	\$1,500.00	\$1,500.00
Cotton Harvest						
Defoliant and Application SSI	1	Acre	\$29.50	\$29.50	\$2,950.00	\$2,950.00
Custom						
Pix Application	1	Acre	\$5.50	\$5.50	\$550.00	\$550.00
Pesticide Application	4	Acre	\$5.00	\$20.00	\$2,000.00	\$2,000.00
Consulting Fee Cotton	1	Acre	\$12.00	\$12.00	\$1,200.00	\$1,200.00
Custom Picker	2.6	Bales	\$48.00	\$124.80	\$12,480.00	\$12,480.00
Custom Gin/Bag/Tie	2.6	Bales	\$60.00	\$156.00	\$15,600.00	\$15,600.00
Cotton Transportation	2.6	Bales	\$10.85	\$28.21	\$2,821.00	\$2,821.00
Irrigation						
Irrigation Costs	16	Acre-Inch	\$7.00	\$112.00	\$11,200.00	\$11,200.00
Operator Labor						
Tractors	1.908	Hour	\$0.00	\$0.00	\$0.00	\$0.00
Irrigation Labor						
Labor	0.8	Hour	\$0.00	\$0.00	\$0.00	\$0.00
Diesel Fuel						
Tractors	10.7714	Gallon	\$3.30	\$35.55	\$3,554.57	\$3,554.57
Gasoline						
Pickup	0.91	Gallon	\$3.20	\$2.91	\$291.20	\$291.20
Repairs & Maintenance						
Tractors	1	Acre	\$18.51	\$18.51	\$1,850.97	\$1,850.97
Implements	1	Acre	\$6.39	\$6.39	\$639.22	\$639.22
Pickup	1	Acre	\$1.00	\$1.00	\$100.33	\$100.33
Irrigation	1	Acre	\$3.40	\$3.40	\$340.00	\$340.00
Interest on Credit Line			6.50%	\$12.93	\$1,293.13	\$1,293.13
Total Variable Costs				\$841.47	\$84,146.56	\$84,146.56
Planned Returns Above Variable Costs:				\$261.03	\$26,103.44	\$26,103.44
Breakeven Price to Cover Variable Costs			\$0.48	Pound		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	Enterprise Total
Machinery						
Tractors	1	Acre	\$33.95	\$33.95	\$3,394.88	\$3,394.88
Implements	1	Acre	\$13.69	\$13.69	\$1,369.21	\$1,369.21
Pickup	1	Acre	\$3.62	\$3.62	\$361.67	\$361.67
Irrigation	1	Acre	\$7.65	\$7.65	\$765.00	\$765.00
Land Rent						
	1	Acre	\$70.00	\$70.00	\$7,000.00	\$7,000.00
Total Fixed Costs				\$128.91	\$12,890.76	\$12,890.76
Total Specified Costs				\$970.37	\$97,037.32	\$97,037.32
Returns Above Specified Costs				\$132.13	\$13,212.68	\$13,212.68
Breakeven Price to Cover Total Costs			\$0.58	Pound		

Breakeven Prices

Yield Percent	Yield Pound	Variable Costs		Total Costs	
		Full	Tenant	Full	Landlord
75%	937.50	\$0.64	\$0.64	\$0.78	\$0.78
90%	1125.00	\$0.53	\$0.53	\$0.65	\$0.65
100%	1250.00	\$0.48	\$0.48	\$0.58	\$0.58
110%	1375.00	\$0.44	\$0.44	\$0.53	\$0.53
125%	1562.50	\$0.38	\$0.38	\$0.47	\$0.47

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation.