Projections for Planning Purposes Only -- Not to be Used without Updating 2025 Estimated Costs and Returns per Acre Irrigated Cotton - Drip South Plains Extension District - 2

Crop Acres 122

REVENUE Quantity Units SULINI Total Total Cotton Co	Crop Acres	122				Enterprise
Cottonseed						Total
Total Revenue						
VARIABLE COSTS		1.07	ron	\$220.00		
VARIBABE COSTS	Total Neverlue				\$1,204.30	
Production Costs	VARIABLE COSTS	Quantity	Units	\$/Unit	Total	
Fertilizer Application - Liquid High 1						
Scouting 1 Acre \$9.00 \$9.00 \$1,098.00 S1,098.00 S2,098.00 S1,098.00 S1,099.00 S1,099.00 S1,099.00 S1,099.00 S1,099.00 S1,099.00 S						
Strip and Module - Cotton						
Fertilizer (P) - Liquid						
Fertilizer Fertilizer (P) - Liquid Fertilizer (N) - Liquid Fertilizer (N) - Liquid 135 Pound \$0.60 \$81.00 \$9.882.00 Herbicide - Cotton Preplant 1 Acre \$6.00 \$81.00 \$9.882.00 Herbicide - Cotton Preplant 1 Acre \$6.00 \$85.00 \$732.00 Herbicide - Cotton Preplant 1 Acre \$6.50 \$6.50 \$732.00 Herbicide - Cotton Postplant 1 Acre \$57.00 \$57.00 \$5.984.00 Herbicide - Cotton Postplant 1 Acre \$57.00 \$57.00 \$5.984.00 Spot Spray and Chemical 0.2 Acre \$15.00 \$3.00 \$366.00 Insecticide and Apply Cotton 1 Acre \$12.00 \$12.00 \$1.464.00 Boll Weevil Assessment Irrigated 3 Bale \$4.00 \$12.00 \$1.464.00 Miscellaneous 4 100 \$2.25 \$9.00 \$1.984.00 Crop Insurance Cotton - Drip 1 Acre \$43.65 \$43.65 \$5.325.30 Crop Insurance Hail 4 100 \$2.25 \$9.00 \$1.984.00 Seed - Cotton Irrigated 40 Thousand \$1.59 \$63.60 \$7.795.20 Other Chemicals 4 100 \$2.25 \$9.00 \$1.984.00 Harvest Aid Apply Cotton Drip 1 Acre \$30.00 \$30.00 \$3.60.00 Chert Labor 4 Acre \$30.00 \$30.00 \$3.60.00 Hoeing 0.2 Acre \$16.00 \$3.20 \$39.04 Irrigation 5 Acre \$16.00 \$3.20 \$3.20 \$3.90.40 Irrigation 5 Acre \$16.00 \$3.20 \$3.20 \$3.90.40 Irrigation Labor 1.25 Hour \$16.00 \$3.20 \$3.20 \$3.90.40 Machinery Labor 1.25 Hour \$16.00 \$3.20 \$3.60.00 \$3.40.00 Machinery Labor 1.25 Hour \$16.00 \$3.20 \$3.60.00						
Fertilizer (P) - Liquid		45.454545	CVVI	\$3.20	\$147.73	\$10,022.73
Fertilizer (N) - Liquid 135 Pound \$0.60 \$81.00 \$9.882.00 Herbicide Cotton Preplant 1 Acre \$6.50 \$6.50 \$732.00 Herbicide - Cotton Postplant 1 Acre \$5.50 \$6.50 \$733.00 \$36934.00 Spot Spray and Chemical 0.2 Acre \$15.00 \$3.00 \$366.00 Insecticide and Apply Cotton 1 Acre \$12.00 \$12.00 \$1.464.00 Miscellaneous Crop Insurance Cotton - Drip 1 Acre \$43.65 \$43.65 \$5,325.30 \$2.60 \$1.098.00		45	Pound	\$0.92	\$41.22	\$5.028.84
Herbicide - Cotton Preplant						
Herbicide - Cotton At Plant						
Herbicide - Cotton Postplant 1 Acre \$57.00 \$57.00 \$3,060.00						\$732.00
Spot Spray and Chemical 1.2 Acre \$15.00 \$3.00 \$366.00						
Insecticide						
Insecticide and Apply Cotton 1 Acre \$12.00 \$12.00 \$13.464.00		0.2	Acre	\$15.00	\$3.00	\$366.00
Boll Weevil Assessment Irrigated Miscellaneous		1	Δcre	\$12.00	\$12.00	\$1 464 00
Miscellaneous						
Crop Insurance Cotton - Drip 1 Acre \$43.65 \$43.65 \$5,325.30 \$1,098.00 \$2.25 \$9.00 \$1,098.00 \$2.25 \$9.00 \$1,098.00 \$2.25 \$9.00 \$1,098.00 \$2.25 \$3.00 \$1,098.00 \$2.25 \$3.00 \$3.098.00 \$3.000 \$3		J	Duic	ψ4.00	Ψ12.00	Ψ1,-10-1.00
Seed		1	Acre	\$43.65	\$43.65	\$5,325.30
Seed - Cotton Irrigated		4	100	\$2.25	\$9.00	\$1,098.00
Other Chemicals 24 Pound \$0.50 \$12.00 \$1,464.00 Harvest Aid Apply Cotton Drip 1 Acre \$30.00 \$30.00 \$3,660.00 Other Labor Hoeing 0.2 Acre \$16.00 \$3.20 \$390.40 Irrigation 14.00 Acrelnch \$10.00 \$140.00 \$17,080.00 Irrigation Labor 1.25 Hour \$16.00 \$20.00 \$2,440.00 Machinery Labor 7 Hour \$16.00 \$12.00 \$1,464.00 Other Labor 0.85 Hour \$16.00 \$13.60 \$1,659.20 Diesel Fuel 1 Acre \$5.41 \$5.41 \$659.75 <td>Seed</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Seed					
Acid Harvest Aid Apply Cotton Drip		40	Thousand	\$1.59	\$63.60	\$7,759.20
Harvest Aid Apply Cotton Drip				40.50	***	** ***
Other Labor Hoeing 0.2 Acre \$16.00 \$3.20 \$390.40 Irrigation Irrigation Labor 14.00 AcreInch Hour \$10.00 \$140.00 \$17,080.00 Machinery Labor 7 Hour \$16.00 \$20.00 \$2,440.00 Machinery Labor 0.75 Hour \$16.00 \$12.00 \$1,464.00 Other Labor 0.85 Hour \$16.00 \$12.00 \$1,464.00 Other Labor 0.85 Hour \$16.00 \$13.60 \$1,659.20 Diesel Fuel Tractors/Self-Propelled 4 Gallon \$2.92 \$11.68 \$1,424.47 Gasoline Pickup/General Use Equipment 1 Acre \$5.41 \$5.41 \$659.75 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$0.50 \$0.50 \$61.00 Irrigation Equipment 1 Acre \$3.00 \$3.00 \$3,660.00 Irrigatio Equipment 1 Acre \$0.00 \$50.50 \$3.560.00 Interest on Credit						
Hoeing 1.2 Acre \$16.00 \$3.20 \$390.40 Irrigation		1	Acre	\$30.00	\$30.00	\$3,000.00
Irrigation		0.2	Δcre	\$16.00	\$3.20	\$390.40
Energy Cost		0.2	7.010	Ψ10.00	Ψ0.20	Ψ000.40
Irrigation Labor		14.00	Acrelnch	\$10.00	\$140.00	\$17,080.00
Tractors/Self-Propelled	Irrigation Labor	1.25	Hour	\$16.00	\$20.00	
Other Labor Diesel Fuel Tractors/Self-Propelled 4 Gallon \$2.92 \$11.68 \$1,424.47 Gasoline Pickup/General Use Equipment 1 Acre \$5.41 \$5.41 \$659.75 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$30.00 \$30.00 \$3660.00 Tractors/Self-Propelled 1 Acre \$30.00 \$30.00 \$3660.00 Tractors/Self-Propelled 1 Acre \$6.00 \$6.00 \$732.00 Interest on Credit Line Acre \$6.00 \$6.00 \$732.00 Interest on Credit Line Season Sea						
Diesel Fuel						
Tractors/Self-Propelled		0.85	Hour	\$16.00	\$13.60	\$1,659.20
Casoline		4	Callan	¢2.02	¢11 60	¢1 404 47
Pickup/General Use Equipment 1 Acre \$5.41 \$5.41 \$659.75		4	Gallott	\$2.92	\$11.00	\$1,424.47
Repairs & Maintenance		1	Δcre	\$5.41	\$5.41	\$659.75
Pickup/General Use Equipment			Acre	ψ5.41	Ψ0.41	Ψ000.70
Irrigation Equipment		1	Acre	\$0.50	\$0.50	\$61.00
Implements 1 Acre \$3.00 \$3.00 \$3.60 \$3.60 \$1.00 \$3.50 \$3.546.15 \$3.5		1	Acre	\$30.00	\$30.00	\$3,660.00
Interest on Credit Line					\$6.00	\$732.00
System		1	Acre			
Planned Returns Above Variable Costs: Breakeven Price to Cover Variable Costs \$0.51 Pound Poun				8.50%		
Breakeven Price to Cover Variable Costs						
Enterprise PIXED COSTS Quantity Units \$\(\)\$ Unit Vunit Vunit Vunit Total Enterprise Total				***		\$35,551.06
FIXED COSTS	Breakeven Price to Cover Variable Costs			\$0.51	Pound	C-4i
Equipment Fixed Costs	FIXED COSTS	Quantity	Unite	\$/Unit	Total	
Pickup/General Use Equipment 1 Acre \$1.25 \$1.25 \$152.50 Irrigation Equipment 1 Acre \$75.00 \$75.00 \$9,150.00 Tractors/Self-Propelled 1 Acre \$12.00 \$12.00 \$1,464.00 Implements 1 Acre \$10.00 \$10.00 \$1,220.00 Management Fee, Owner/Operator Labor 1 Acre \$25.00 \$25.00 \$3,050.00 Cash Rent - Cotton Drip 1 Acre \$130.00 \$130.00 \$15,860.00 Whole Farm Insurance 1 Acre \$20.00 \$2.00 \$244.00 Total Fixed Costs \$255.25 \$31,140.50 Total Specified Costs \$36.15 \$4,410.56 Returns Above Specified Costs \$36.15 \$4,410.56 Cash Cash Cash Cash Cash Cash Cash Cash		Zuantity	OTING	ψιΟΠΙ	iotai	iotai
Irrigation Equipment	• •	1	Acre	\$1.25	\$1.25	\$152.50
Tractors/Self-Propelled						
Implements		1	Acre	\$12.00		
Cash Rent - Cotton Drip Whole Farm Insurance 1 Acre 1	Implements					\$1,220.00
Whole Farm Insurance 1 Acre \$2.00 \$2.00 \$244.00 Total Fixed Costs \$255.25 \$31,140.50 Total Specified Costs \$1,248.15 \$152,274.04 Returns Above Specified Costs \$36.15 \$4,410.56						
Total Fixed Costs \$255.25 \$31,140.50 Total Specified Costs \$1,248.15 \$152,274.04 Returns Above Specified Costs \$36.15 \$4,410.56						
Total Specified Costs \$1,248.15 \$152,274.04 Returns Above Specified Costs \$36.15 \$4,410.56		1	Acre	\$2.00		
Returns Above Specified Costs \$36.15 \$4,410.56						
	Total Specified Costs				\$1,248.15	\$152,274.04
Breakeven Price to Cover Total Costs \$0.68 Pound	Returns Above Specified Costs				\$36.15	\$4,410.56
	Breakeven Price to Cover Total Costs			\$0.68	Pound	

		Examp	Example Breakeven Prices			
Example	Example	To Cover	To Cover			
Yield	Yield	Variable	Total			
Percent	Pound	Costs	Costs			
75%	1125.00	\$0.67	\$0.90			
90%	1350.00	\$0.56	\$0.75			
100%	1500.00	\$0.51	\$0.68			
110%	1650.00	\$0.46	\$0.61			
125%	1875.00	\$0.40	\$0.54			

Developed by Andrew Wright, Assistant Professor and Extension Specialist, Texas A&M AgriLife Extension, 806-746-6101

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.