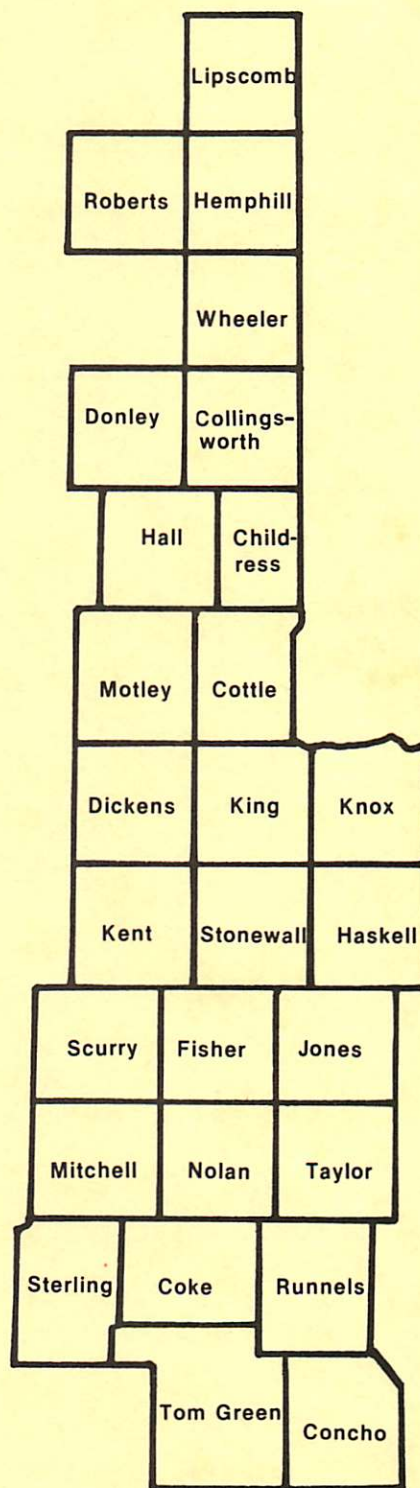
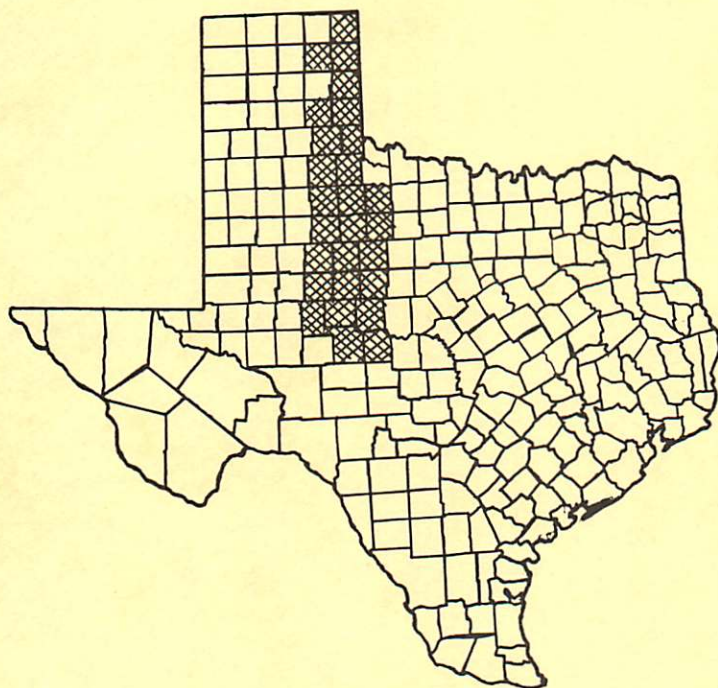


# TEXAS ROLLING PLAINS II

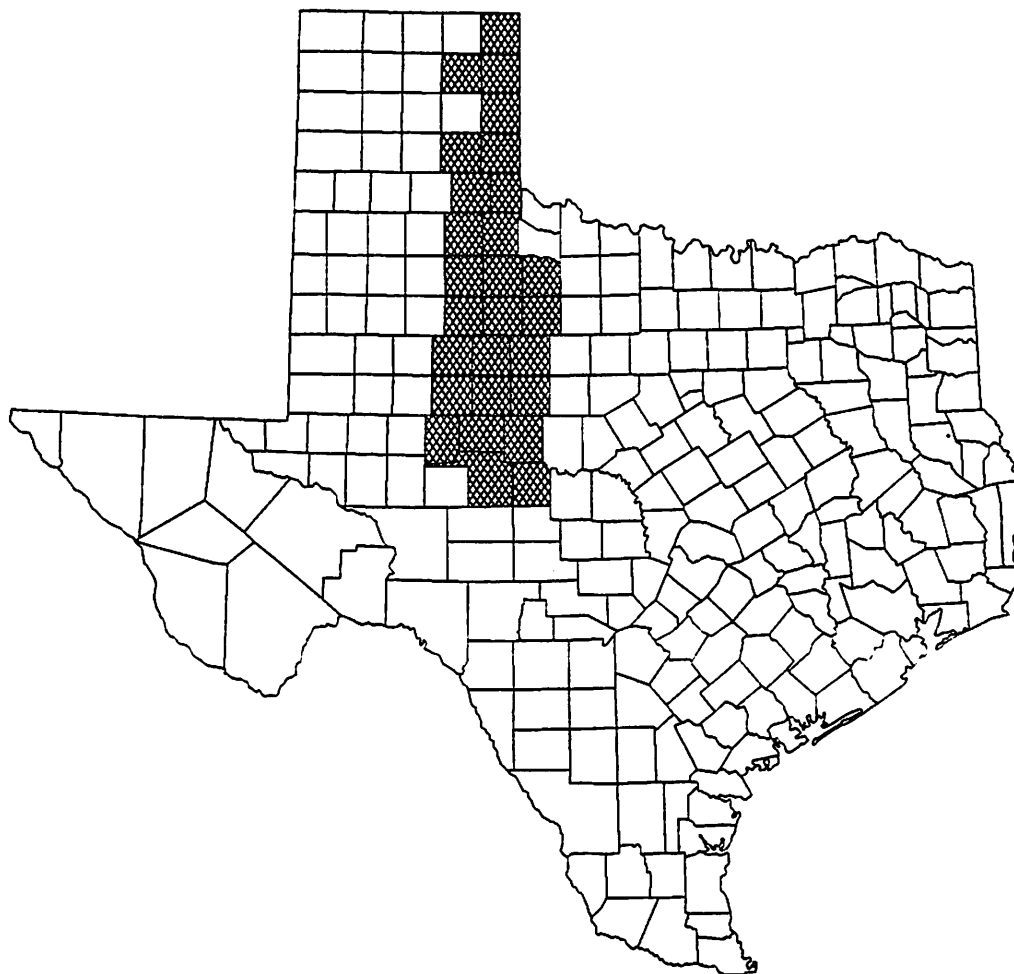
SOIL RESOURCE AREA 6



# TEXAS CROP ENTERPRISE BUDGETS

## TEXAS ROLLING PLAINS II REGION

Projected for 1985



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Cooperative Extension Work in Agriculture and Home Economics, The Texas A&M University System and the United States Department of Agriculture cooperating. Distributed in furtherance of the Acts of Congress of May 8, 1914, as amended, and June 30, 1914.

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ALFALFA ESTABLISHMENT, IRRIGATED  
 TEXAS ROLLING PLAINS II REGION  
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
ALFALFA HAY	1.00	ACRE	0.0	0.0	
TOTAL PROJECTED RETURNS				\$ 0.0	\$
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*ALFALFA SEED	25.00	LB.	2.00	50.00	
FERT (N) APPL'D	16.00	LB.	0.29	4.64	
FERT (P) APPL'D	20.00	LB.	0.23	4.60	
INSECTICIDE	1.00	APPL	6.00	6.00	
IRRIGATION WATER	4.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		2.58	
EQUIPMENT		ACRE		1.94	
IRRIGATION		ACRE		11.50	
REPAIRS-----TRACTOR		ACRE		0.90	
EQUIPMENT		ACRE		0.75	
IRRIGATION		ACRE		0.96	
LABOR-----MACHINERY	0.48	HOUR	5.00	2.40	
IRRIGATION	0.40	HOUR	5.00	2.00	
EQUIPMENT	0.84	HOUR	5.00	4.20	
OPERATING CAPITAL	29.44	DOL.	0.140	4.12	
SUBTOTAL, PREHARVEST		ACRE		\$ 96.59	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$
TOTAL VARIABLE COSTS		ACRE		\$ 96.59	\$
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -96.59	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		5.72	
EQUIPMENT		ACRE		5.55	
IRRIGATION		ACRE		9.20	
LAND-CASH RENT	1.00	ACRE	18.00	18.00	
TOTAL FIXED COSTS		ACRE		\$ 38.47	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 135.05	\$
6. NET PROJECTED RETURNS		ACRE		\$ -135.05	\$

INFORMATION PRESENTED IS PREPARED SOLELY AS A GENERAL GUIDE AND IS NOT INTENDED TO RECOGNIZE OR PREDICT THE COSTS AND RETURNS FROM ANY ONE PARTICULAR FARM OR RANCH OPERATION. THESE PROJECTIONS WERE COLLECTED AND DEVELOPED BY STAFF MEMBERS OF THE TEXAS AGRICULTURAL EXTENSION SERVICE AND APPROVED FOR PUBLICATION.

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ALFALFA ESTABLISHMENT, IRRIGATED  
 TEXAS ROLLING PLAINS II REGION  
 1985 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
CHISEL	2,44	JULY	1.00	0.132	0.100	1.32	0.66	0.0	2.19	4.16
TANDEM DISC	3,40	AUG	1.00	0.208	0.158	1.52	1.04	0.0	3.18	5.74
GRAIN DRILL	2,58	SEPT	0.50	0.140	0.106	1.04	0.70	50.00	2.44	54.18
GRAIN DRILL	58	SEPT	0.50	0.0	0.106	0.0	0.0	0.0	0.76	0.76
TOTALS				0.480	0.470	3.89	2.40	50.00	8.56	64.84

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	OCT	4.00	0.400	2.682	12.45	2.00	0.0	9.20	23.65
TOTALS		4.00	0.400	2.682	12.45	2.00	0.0	9.20	23.65

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**ALFALFA, IRRIGATED**  
 TEXAS ROLLING PLAINS II REGION  
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
ALFALFA HAY	6.00	TON	105.00	630.00	_____
TOTAL PROJECTED RETURNS				\$ 630.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
FERT (P) APPL'D	46.00	LB.	0.23	10.58	_____
INSECTICIDE	3.00	APPL	6.00	18.00	_____
MISC EXPENSE	1.00	DOL.	1.00	1.00	_____
IRRIGATION WATER	20.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		2.26	_____
IRRIGATION		ACRE		57.49	_____
REPAIRS-----TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		0.40	_____
IRRIGATION		ACRE		4.78	_____
LABOR-----MACHINERY	0.0	HOUR	5.00	0.0	_____
IRRIGATION	2.00	HOUR	5.00	10.00	_____
EQUIPMENT	0.98	HOUR	5.00	4.90	_____
OPERATING CAPITAL	-23.98	DOL.	0.140	-3.36	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 106.06	\$ _____
HARVEST COSTS					
CUSTOM BALING	6.00	TON	25.00	150.00	_____
SUBTOTAL, HARVEST		ACRE		\$ 150.00	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 256.06	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 42.68/TON	ALFALFA HAY	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 373.94	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		3.16	_____
IRRIGATION		ACRE		45.99	_____
LAND---NET SHARE-RENT		ACRE		148.97	_____
ESTABLISHMENT 6Y	135.05	DOL.	0.17	22.96	_____
TOTAL FIXED COSTS		ACRE		\$ 221.08	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 477.13	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 79.52/TON	ALFALFA HAY	
6. NET PROJECTED RETURNS		ACRE		\$ 152.87	\$ _____

LAND CHARGE IS 33% OF GROSS LESS 33% OF FERT., INSECT., AND HARVEST.  
 ESTABLISHMENT COSTS PRORATED OVER SIX YEARS.

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ALFALFA, IRRIGATED  
 TEXAS ROLLING PLAINS II REGION  
 1985 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
TOTALS				0.0	0.0	0.0	0.0	0.0	0.0	0.0

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	APR	4.00	0.400	2.682	12.45	2.00	0.0	9.20	23.65
WATER APPLICATION	MAY	4.00	0.400	2.682	12.45	2.00	0.0	9.20	23.65
WATER APPLICATION	JUNE	4.00	0.400	2.682	12.45	2.00	0.0	9.20	23.65
WATER APPLICATION	JULY	4.00	0.400	2.682	12.45	2.00	0.0	9.20	23.65
WATER APPLICATION	AUG	4.00	0.400	2.682	12.45	2.00	0.0	9.20	23.65
TOTALS		20.00	2.000	13.409	62.27	10.00	0.0	45.99	118.26

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES  
 ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

QUANTITY OF ALFALFA HAY	PRICE OF ALFALFA HAY (DOLLARS)				
	84.00	94.50	105.00	115.50	126.00
TON					
4.80	93.12	126.89	160.66	194.42	228.19
5.40	116.84	154.83	192.82	230.80	268.79
6.00	140.56	182.77	224.98	267.19	309.40
6.60	164.27	210.70	257.14	303.57	350.00
7.20	187.99	238.64	289.30	339.95	390.60

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**COASTAL BERMUDA GRASS ESTABLISHMENT, IRRIGATED**  
 TEXAS ROLLING PLAINS II REGION  
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
TOTAL PROJECTED RETURNS				\$ 0.0	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
SPRIGGING	1.00	ACRE	22.50	22.50	_____
FERT (N) APPL'D	30.00	LB.	0.29	8.70	_____
FERT (P) APPL'D	21.00	LB.	0.23	4.83	_____
HERBICIDE	1.00	ACRE	3.90	3.90	_____
IRRIGATION WATER	8.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		1.53	_____
EQUIPMENT		ACRE		1.62	_____
IRRIGATION		ACRE		23.00	_____
REPAIRS-----TRACTOR		ACRE		0.50	_____
EQUIPMENT		ACRE		0.72	_____
IRRIGATION		ACRE		1.91	_____
LABOR-----MACHINERY	0.28	HOUR	5.00	1.39	_____
IRRIGATION	0.80	HOUR	5.00	4.00	_____
EQUIPMENT	0.70	HOUR	5.00	3.50	_____
OPERATING CAPITAL	49.86	DOL.	0.140	6.98	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 85.07	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 85.07	\$ _____
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -85.07	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		3.30	_____
EQUIPMENT		ACRE		3.72	_____
IRRIGATION		ACRE		18.40	_____
TOTAL FIXED COSTS		ACRE		\$ 25.42	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 110.49	\$ _____
6. NET PROJECTED RETURNS		ACRE		\$ -110.49	\$ _____

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COASTAL BERMUDA GRASS ESTABLISHMENT, IRRIGATED  
 TEXAS ROLLING PLAINS II REGION  
 1985 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
CHISEL	2,44	JAN	1.00	0.132	0.100	1.32	0.66	0.0	2.19	4.16
TANDEM DISC	3,41	FEB	1.00	0.146	0.110	1.15	0.73	0.0	2.58	4.45
TOTALS				0.277	0.210	2.47	1.39	0.0	4.76	8.62

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	APR	4.00	0.400	2.682	12.45	2.00	0.0	9.20	23.65
WATER APPLICATION	MAY	4.00	0.400	2.682	12.45	2.00	0.0	9.20	23.65
TOTALS		8.00	0.800	5.364	24.91	4.00	0.0	18.40	47.30



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**COASTAL BERMUDAGRASS, IRRIGATED**  
**TEXAS ROLLING PLAINS II REGION**  
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
COASTAL BERMUDA	7.00	TON	60.00	420.00	_____
TOTAL PROJECTED RETURNS				\$ 420.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
FERT (N) APPL'D	211.00	LB.	0.29	61.19	_____
FERT (P) APPL'D	46.00	LB.	0.23	10.58	_____
MISC EXPENSE	1.00	DOL.	1.00	1.00	_____
IRRIGATION WATER	16.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		1.62	_____
IRRIGATION		ACRE		45.99	_____
REPAIRS-----TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		0.29	_____
IRRIGATION		ACRE		3.82	_____
LABOR-----MACHINERY	0.0	HOUR	5.00	0.0	_____
IRRIGATION	1.60	HOUR	5.00	8.00	_____
EQUIPMENT	0.70	HOUR	5.00	3.50	_____
OPERATING CAPITAL	21.86	DOL.	0.140	3.06	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 139.05	\$ _____
HARVEST COSTS					
CUSTOM BALE HAUL	7.00	TON	28.50	199.50	_____
SUBTOTAL, HARVEST		ACRE		\$ 199.50	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 338.55	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 48.36/TON	COASTAL BERMUDA	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 81.45	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		2.26	_____
IRRIGATION		ACRE		36.79	_____
LAND---NET SHARE-RENT		ACRE		49.08	_____
ESTABLISHMENT 6Y	110.49	DOL.	0.17	18.78	_____
TOTAL FIXED COSTS		ACRE		\$ 106.91	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 445.46	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 63.64/TON	COASTAL BERMUDA	
6. NET PROJECTED RETURNS		ACRE		\$ -25.46	\$ _____

LAND CHARGE IS 33% OF GROSS LESS 33% OF FERTILIZER AND HARVEST.  
 ESTABLISHMENT COSTS PRORATED OVER TEN YEARS.

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COASTAL BERMUDAGRASS, IRRIGATED  
 TEXAS ROLLING PLAINS II REGION  
 1985 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
TOTALS				0.0	0.0	0.0	0.0	0.0	0.0	0.0

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	APR	4.00	0.400	2.682	12.45	2.00	0.0	9.20	23.65
WATER APPLICATION	MAY	4.00	0.400	2.682	12.45	2.00	0.0	9.20	23.65
WATER APPLICATION	JUNE	4.00	0.400	2.682	12.45	2.00	0.0	9.20	23.65
WATER APPLICATION	AUG	4.00	0.400	2.682	12.45	2.00	0.0	9.20	23.65
TOTALS		16.00	1.600	10.728	49.82	8.00	0.0	36.79	94.61

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES  
 ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

		PRICE OF COASTAL BERMUDA (DOLLARS)				
		48.00	54.00	60.00	66.00	72.00
QUANTITY OF COASTAL BERMUDA	TON					
	5.60	-42.20	-19.69	2.82	25.34	47.85
	6.30	-33.06	-7.73	17.60	42.92	68.25
	7.00	-23.91	4.23	32.37	60.51	88.65
	7.70	-14.76	16.19	47.14	78.10	109.05
	8.40	-5.62	28.15	61.92	95.68	129.45

NOTE: NEGATIVE RETURNS OVER VARIABLE COSTS MAY BE AVOIDABLE VIA CROP ABANDONMENT, GRAZE-OUT, OR OTHER MANAGEMENT STRATEGIES.

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**COTTON, DRYLAND (SOLID 40" ROWS)**  
**TEXAS ROLLING PLAINS II REGION**  
**1985 PROJECTED COSTS AND RETURNS PER ACRE**

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
COTTON LINT	300.00	LB.	0.53	159.00	_____
COTTONSEED	0.24	TON	90.00	21.60	_____
DEFICIENCY PMT.	300.00	LB.	0.19	57.00	_____
TOTAL PROJECTED RETURNS				\$ 237.60	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SEED COTTON	16.00	LB.	0.40	6.40	_____
INSECTICIDE	0.50	APPL	6.00	3.00	_____
MISC. EXPENSE	1.00	ACRE	5.00	5.00	_____
*HERBICIDE	1.00	ACRE	6.00	6.00	_____
FUEL & LUBE--TRACTOR		ACRE		9.34	_____
EQUIPMENT		ACRE		1.62	_____
REPAIRS-----TRACTOR		ACRE		2.88	_____
EQUIPMENT		ACRE		1.87	_____
LABOR-----MACHINERY	2.18	HOUR	5.00	10.90	_____
EQUIPMENT	0.70	HOUR	5.00	3.50	_____
OPERATING CAPITAL	9.85	DOL.	0.140	1.38	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 51.90	\$ _____
HARVEST COSTS					
GIN, BAG & TIES	300.00	LB.	0.08	25.50	_____
CONTRACT BROKER	0.63	BALE	1.25	0.78	_____
FUEL & LUBE--TRACTOR		ACRE		4.33	_____
REPAIRS-----TRACTOR		ACRE		1.37	_____
EQUIPMENT		ACRE		3.27	_____
LABOR-----MACHINERY	0.88	HOUR	5.00	4.40	_____
EQUIPMENT	0.01	HOUR	5.00	0.05	_____
SUBTOTAL, HARVEST		ACRE		\$ 39.70	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 91.59	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.04/LB.	COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 146.01	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		33.78	_____
EQUIPMENT		ACRE		19.53	_____
LAND---NET SHARE-RENT		ACRE		50.95	_____
CROP INSURANCE	1.00	ACRE	4.50	4.50	_____
TOTAL FIXED COSTS		ACRE		\$ 108.77	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 200.36	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.41/LB.	COTTON LINT	
6. NET PROJECTED RETURNS		ACRE		\$ 37.24	\$ _____

LAND (NET RENT) BASED ON 1/4 OF GROSS LESS 1/4 OF INSECT, GINNING, BAGS, TIES AND CROP INSURANCE. PRICE BASED ON LOAN RATE ADJUSTED FOR QUALITY. DEFICIENCY PAYMENT BASED ON COMPLIANCE WITH GOVT SET ASIDE PROGRAM.

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COTTON, DRYLAND (SOLID 40" ROWS)  
 TEXAS ROLLING PLAINS II REGION  
 1985 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
SHREDDER 2R	5,56	DEC	1.00	0.557	0.422	1.42	2.79	0.0	5.00	9.21
TANDEM DISC	3,40	DEC	1.00	0.208	0.158	1.52	1.04	0.0	3.18	5.74
MOLDBOARD 6B	2,47	DEC	0.30	0.113	0.086	1.09	0.57	0.0	2.19	3.85
CHISEL	2,44	JAN	0.70	0.092	0.070	0.92	0.46	0.0	1.53	2.92
TANDEM DISC	3,40	MAR	2.00	0.417	0.316	3.04	2.08	0.0	6.36	11.48
HERB SPR/DISC	61	MAR	1.00	0.0	0.158	0.01	0.0	6.00	0.17	6.18
LISTER-PLNT6R	3,36	APR	1.00	0.151	0.115	1.13	0.76	0.0	2.47	4.36
LISTER-PLNT6R	3,36	JUNE	1.00	0.151	0.115	1.13	0.76	6.40	2.47	10.76
SAND FIGHTER	3,51	JUNE	1.00	0.076	0.057	0.56	0.38	0.0	1.00	1.94
CULTIVATOR 6R	3,33	JUNE	2.00	0.415	0.314	2.96	2.07	0.0	7.31	12.35
COTTON STR/BSK	3,64	NOV	1.00	0.880	0.666	8.91	4.40	0.0	16.26	29.57
TOTALS				3.060	2.476	22.72	15.30	12.40	47.94	98.36

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES  
 ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

		PRICE OF COTTON LINT (DOLLARS)				
		0.42	0.48	0.53	0.58	0.64
QUANTITY OF COTTON LINT	LB.					
	240.00	44.27	53.81	63.35	72.89	82.43
	270.00	57.74	68.47	79.20	89.93	100.67
	300.00	71.20	83.13	95.05	106.98	118.90
	330.00	84.67	97.78	110.90	124.02	137.14
	360.00	98.13	112.44	126.75	141.06	155.37

**COTTON, DRYLAND, NARROW ROW**  
**TEXAS ROLLING PLAINS II REGION**  
**1985 PROJECTED COSTS AND RETURNS PER ACRE**

CATEGORY	PROJECTED		PROJECTED		YOUR ESTIMATE
	YIELD	UNIT	\$/UNIT	VALUE	
1. GROSS RECEIPTS					
COTTON LINT	300.00	LB.	0.53	159.00	_____
COTTONSEED	0.24	TON	90.00	21.60	_____
DEFICIENCY PMT.	300.00	LB.	0.19	57.00	_____
TOTAL PROJECTED RETURNS				\$ 237.60	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*SEED COTTON	10.00	LB.	0.40	4.00	_____
INSECTICIDE	0.10	APPL	6.00	0.60	_____
MISC. EXPENSE	1.00	ACRE	5.00	5.00	_____
*HERBICIDE	1.00	ACRE	6.00	6.00	_____
FUEL & LUBE--TRACTOR		ACRE		5.81	_____
EQUIPMENT		ACRE		1.62	_____
REPAIRS-----TRACTOR		ACRE		1.77	_____
EQUIPMENT		ACRE		1.29	_____
LABOR-----MACHINERY	1.46	HOUR	5.00	7.32	_____
EQUIPMENT	0.70	HOUR	5.00	3.50	_____
OPERATING CAPITAL	6.28	DOL.	0.140	0.88	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 37.78	\$ _____
HARVEST COSTS					
GIN,BAG & TIES	300.00	LB.	0.08	25.50	_____
CUSTOM STRIP	300.00	ACRE	0.06	18.00	_____
CONTRACT BROKER	0.63	BALE	1.25	0.78	_____
FUEL & LUBE--TRACTOR		ACRE		0.74	_____
REPAIRS-----TRACTOR		ACRE		0.23	_____
EQUIPMENT		ACRE		0.21	_____
LABOR-----MACHINERY	0.15	HOUR	5.00	0.76	_____
EQUIPMENT	0.01	HOUR	5.00	0.05	_____
SUBTOTAL, HARVEST		ACRE		\$ 46.28	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 84.06	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.02/LB.	COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 153.54	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		16.72	_____
EQUIPMENT		ACRE		10.55	_____
LAND---NET SHARE-RENT		ACRE		52.68	_____
CROP INSURANCE	1.00	ACRE	4.50	4.50	_____
TOTAL FIXED COSTS		ACRE		\$ 84.45	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 168.51	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.30/LB.	COTTON LINT	
6. NET PROJECTED RETURNS		ACRE		\$ 69.09	\$ _____

LAND (NET RENT) BASED ON 1/4 OF GROSS LESS 1/4 OF INSECT, GINNING, BAGS, TIES AND CROP INSURANCE. PRICE BASED ON LOAN RATE ADJUSTED FOR QUALITY. DEFICIENCY PAYMENT BASED ON COMPLIANCE WITH GOVT SET ASIDE PROGRAM.

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COTTON, DRYLAND, NARROW ROW  
 TEXAS ROLLING PLAINS II REGION  
 1985 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
SHREDDER 2R	5,56	DEC	1.00	0.557	0.422	1.42	2.79	0.0	5.00	9.21
TANDEM DISC	3,40	DEC	1.00	0.208	0.158	1.52	1.04	0.0	3.18	5.74
MOLDBOARD 6B	2,47	DEC	0.30	0.113	0.086	1.09	0.57	0.0	2.19	3.85
CHISEL	2,44	JAN	0.70	0.092	0.070	0.92	0.46	0.0	1.53	2.92
TANDEM DISC	3,40	MAR	2.00	0.417	0.316	3.04	2.08	0.0	6.36	11.48
HERB SPR/DISC	61	MAR	1.00	0.0	0.158	0.01	0.0	6.00	0.17	6.18
SAND FIGHTER	3,51	JUNE	1.00	0.076	0.057	0.56	0.38	0.0	1.00	1.94
LISTER-PLNT6R	3,36	JUNE	1.00	0.151	0.115	1.13	0.76	4.00	2.47	8.36
<b>TOTALS</b>				<b>1.615</b>	<b>1.381</b>	<b>9.72</b>	<b>8.07</b>	<b>10.00</b>	<b>21.89</b>	<b>49.68</b>

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES  
 ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

		PRICE OF COTTON LINT (DOLLARS)				
		0.42	0.48	0.53	0.58	0.64
QUANTITY OF COTTON LINT	LB.					
	240.00	50.08	59.62	69.16	78.70	88.24
	270.00	63.54	74.28	85.01	95.74	106.47
	300.00	77.01	88.93	100.86	112.78	124.71
	330.00	90.47	103.59	116.71	129.82	142.94
360.00	103.93	118.24	132.55	146.86	161.17	

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**COTTON, DRYLAND, (2 X 2 PLANTING PATTERN)**  
**TEXAS ROLLING PLAINS II REGION**  
**1985 PROJECTED COSTS AND RETURNS PER ACRE**

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
<b>1. GROSS RECEIPTS</b>					
COTTON LINT	250.00	LB.	0.53	132.50	_____
COTTONSEED	0.20	TON	90.00	18.00	_____
DEFICIENCY PMT.	250.00	LB.	0.19	47.50	_____
<b>TOTAL PROJECTED RETURNS</b>				<b>\$ 198.00</b>	<b>\$ _____</b>
<b>2. VARIABLE COSTS</b>					
<b>PREHARVEST COSTS</b>					
<b>INPUT USE</b>					
*SEED COTTON	8.00	LB.	0.40	3.20	_____
INSECTICIDE	0.50	APPL	6.00	3.00	_____
MISC. EXPENSE	1.00	ACRE	5.00	5.00	_____
*HERBICIDE	1.00	ACRE	6.00	6.00	_____
FUEL & LUBE--TRACTOR		ACRE		11.32	_____
EQUIPMENT		ACRE		2.10	_____
REPAIRS-----TRACTOR		ACRE		3.65	_____
EQUIPMENT		ACRE		2.01	_____
LABOR-----MACHINERY	2.37	HOUR	5.00	11.87	_____
EQUIPMENT	0.91	HOUR	5.00	4.55	_____
OPERATING CAPITAL	11.49	DOL.	0.140	1.61	_____
<b>SUBTOTAL, PREHARVEST</b>		<b>ACRE</b>		<b>\$ 54.31</b>	<b>\$ _____</b>
<b>HARVEST COSTS</b>					
*GIN, BAG & TIES	250.00	LB.	0.08	21.25	_____
CONTRACT BROKER	0.52	BALE	1.25	0.65	_____
FUEL & LUBE--TRACTOR		ACRE		4.33	_____
REPAIRS-----TRACTOR		ACRE		1.37	_____
EQUIPMENT		ACRE		3.27	_____
LABOR-----MACHINERY	0.88	HOUR	5.00	4.40	_____
EQUIPMENT	0.01	HOUR	5.00	0.05	_____
<b>SUBTOTAL, HARVEST</b>		<b>ACRE</b>		<b>\$ 35.32</b>	<b>\$ _____</b>
<b>TOTAL VARIABLE COSTS</b>		<b>ACRE</b>		<b>\$ 89.63</b>	<b>\$ _____</b>
<b>BREAK-EVEN PRICE, VARIABLE COSTS</b>			<b>\$ 0.10/LB.</b>	<b>COTTON LINT</b>	
<b>3. INCOME ABOVE VARIABLE COSTS</b>		<b>ACRE</b>		<b>\$ 108.37</b>	<b>\$ _____</b>
<b>4. FIXED COSTS</b>					
<b>DEPREC., INTEREST, TAXES &amp; INSUR.</b>					
TRACTOR		ACRE		36.23	_____
EQUIPMENT		ACRE		20.74	_____
LAND---NET SHARE-RENT		ACRE		42.15	_____
CROP INSURANCE	1.00	ACRE	4.50	4.50	_____
<b>TOTAL FIXED COSTS</b>		<b>ACRE</b>		<b>\$ 103.63</b>	<b>\$ _____</b>
<b>5. TOTAL PROJECTED COSTS</b>		<b>ACRE</b>		<b>\$ 193.26</b>	<b>\$ _____</b>
<b>BREAK-EVEN PRICE, TOTAL COSTS</b>			<b>\$ 0.51/LB.</b>	<b>COTTON LINT</b>	
<b>6. NET PROJECTED RETURNS</b>		<b>ACRE</b>		<b>\$ 4.74</b>	<b>\$ _____</b>

LAND (NET RENT) BASED ON 1/4 OF GROSS LESS 1/4 OF INSECT, GINNING, BAGS, TIES, AND CROP INSURANCE. PRICE BASED ON LOAN RATE ADJUSTED FOR QUALITY. DEFICIENCY PAYMENT BASED ON COMPLIANCE WITH GOVT SET ASIDE PROGRAM.

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COTTON, DRYLAND, (2 X 2 PLANTING PATTERN)  
 TEXAS ROLLING PLAINS II REGION  
 1985 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
SHREDDER 2R	5,56	DEC	1.00	0.557	0.422	1.42	2.79	0.0	5.00	9.21
TANDEM DISC	3,40	DEC	1.00	0.208	0.158	1.52	1.04	0.0	3.18	5.74
MOLDBOARD 6B	2,47	JAN	0.30	0.113	0.086	1.09	0.57	0.0	2.19	3.85
CHISEL	2,44	JAN	0.70	0.092	0.070	0.92	0.46	0.0	1.53	2.92
TANDEM DISC	2,40	MAR	1.00	0.208	0.158	1.90	1.04	0.0	3.22	6.16
HERB SPR/DISC	61	MAR	1.00	0.0	0.158	0.01	0.0	6.00	0.17	6.18
LISTER 6R	3,54	APR	1.00	0.151	0.115	1.03	0.76	0.0	2.01	3.80
LISTER-PLNT6R	3,36	MAY	1.00	0.151	0.115	1.13	0.76	3.20	2.47	7.56
SAND FIGHTER	3,51	JUNE	1.00	0.076	0.057	0.56	0.38	0.0	1.00	1.94
ROLLING CULT	3,30	JUNE	1.00	0.194	0.147	1.45	0.97	0.0	2.80	5.23
CULTIVATOR 6R	2,33	JUNE	1.00	0.207	0.157	1.85	1.04	0.0	3.70	6.59
CULTIVATOR 6R	2,33	JULY	1.00	0.207	0.157	1.85	1.04	0.0	3.70	6.59
CULTIVATOR 6R	2,33	AUG	1.00	0.207	0.157	1.85	1.04	0.0	3.70	6.59
COTTON STR/BSK	3,64	NOV	1.00	0.880	0.666	8.91	4.40	21.25	16.26	50.82
TOTALS				3.254	2.623	25.52	16.27	30.45	50.92	123.16

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES  
 ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

		PRICE OF COTTON LINT (DOLLARS)				
		0.42	0.48	0.53	0.58	0.64
QUANTITY OF COTTON LINT	LB.					
	200.00	23.90	31.85	39.80	47.75	55.70
	225.00	35.12	44.07	53.01	61.96	70.90
	250.00	46.34	56.28	66.22	76.16	86.09
	275.00	57.56	68.50	79.43	90.36	101.29
	300.00	68.78	80.71	92.63	104.56	116.48



**COTTON, IRRIGATED**  
 TEXAS ROLLING PLAINS II REGION  
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
<b>1. GROSS RECEIPTS</b>					
COTTON LINT	525.00	LB.	0.53	278.25	_____
COTTONSEED	0.42	TON	90.00	37.80	_____
DEFICIENCY PMT.	525.00	LB.	0.19	99.75	_____
<b>TOTAL PROJECTED RETURNS</b>				<b>\$ 415.80</b>	<b>\$ _____</b>
<b>2. VARIABLE COSTS</b>					
<b>PREHARVEST COSTS</b>					
*SEED COTTON	20.00	LB.	0.40	8.00	_____
FERT (N) APPL'D	20.00	LB.	0.29	5.80	_____
FERT (P) APPL'D	20.00	LB.	0.23	4.60	_____
MISC. EXPENSE	1.00	ACRE	5.00	5.00	_____
*HERBICIDE	1.00	ACRE	6.00	6.00	_____
GLEAN	4.00	OZ.	14.50	58.00	_____
IRRIGATION WATER	14.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		11.60	_____
EQUIPMENT		ACRE		2.26	_____
IRRIGATION		ACRE		40.25	_____
REPAIRS-----TRACTOR		ACRE		3.71	_____
EQUIPMENT		ACRE		2.18	_____
IRRIGATION		ACRE		3.34	_____
LABOR-----MACHINERY	2.47	HOUR	5.00	12.35	_____
IRRIGATION	1.40	HOUR	5.00	7.00	_____
EQUIPMENT	0.98	HOUR	5.00	4.90	_____
OTHER	2.00	HOUR	5.00	10.00	_____
OPERATING CAPITAL	44.31	DOL.	0.140	6.20	_____
<b>SUBTOTAL, PREHARVEST</b>		<b>ACRE</b>		<b>\$ 191.20</b>	<b>\$ _____</b>
<b>HARVEST COSTS</b>					
*GIN,BAG & TIES	525.00	LB.	0.08	44.62	_____
CONTRACT BROKER	1.09	BALE	1.25	1.36	_____
FUEL & LUBE--TRACTOR		ACRE		4.33	_____
REPAIRS-----TRACTOR		ACRE		1.37	_____
EQUIPMENT		ACRE		3.27	_____
LABOR-----MACHINERY	0.88	HOUR	5.00	4.40	_____
EQUIPMENT	0.01	HOUR	5.00	0.05	_____
<b>SUBTOTAL, HARVEST</b>		<b>ACRE</b>		<b>\$ 59.40</b>	<b>\$ _____</b>
<b>TOTAL VARIABLE COSTS</b>		<b>ACRE</b>		<b>\$ 250.60</b>	<b>\$ _____</b>
<b>BREAK-EVEN PRICE, VARIABLE COSTS</b>			<b>\$ 0.22/LB.</b>	<b>COTTON LINT</b>	
<b>3. INCOME ABOVE VARIABLE COSTS</b>		<b>ACRE</b>		<b>\$ 165.20</b>	<b>\$ _____</b>
<b>4. FIXED COSTS</b>					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		37.33	_____
EQUIPMENT		ACRE		21.46	_____
IRRIGATION		ACRE		32.19	_____
LAND---NET SHARE-RENT		ACRE		74.23	_____
CROP INSURANCE	1.00	ACRE	4.50	4.50	_____
<b>TOTAL FIXED COSTS</b>		<b>ACRE</b>		<b>\$ 169.71</b>	<b>\$ _____</b>
<b>5. TOTAL PROJECTED COSTS</b>		<b>ACRE</b>		<b>\$ 420.31</b>	<b>\$ _____</b>
<b>BREAK-EVEN PRICE, TOTAL COSTS</b>			<b>\$ 0.54/LB.</b>	<b>COTTON LINT</b>	
<b>6. NET PROJECTED RETURNS</b>		<b>ACRE</b>		<b>\$ -4.51</b>	<b>\$ _____</b>

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