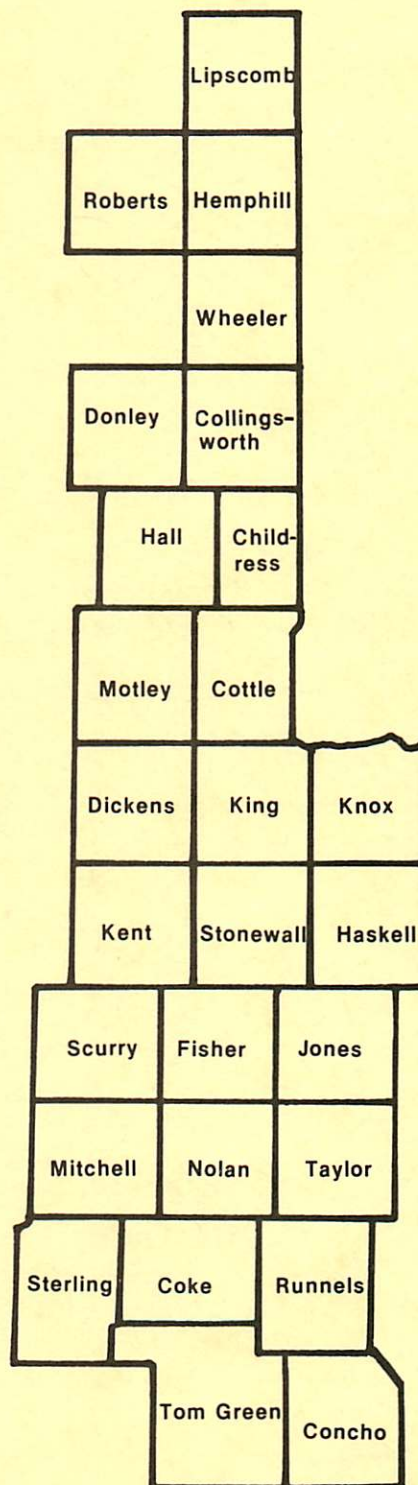
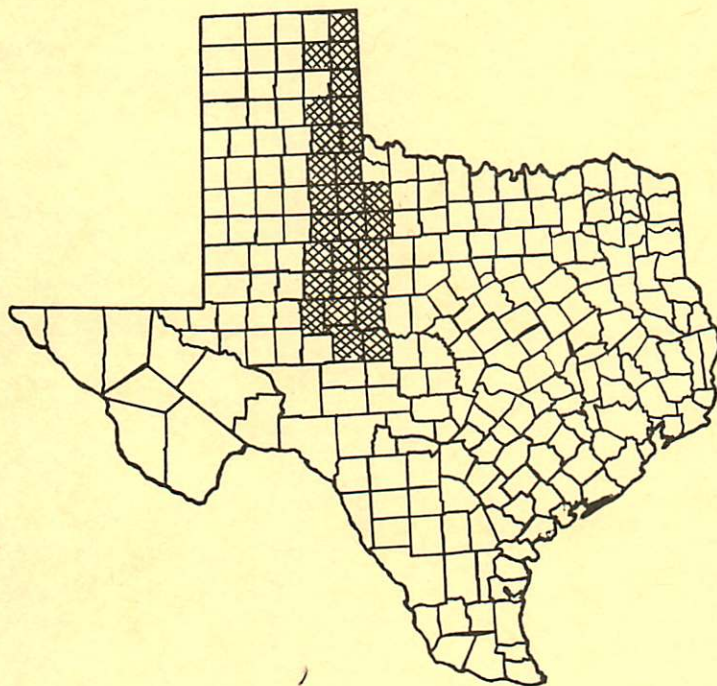


# TEXAS ROLLING PLAINS II

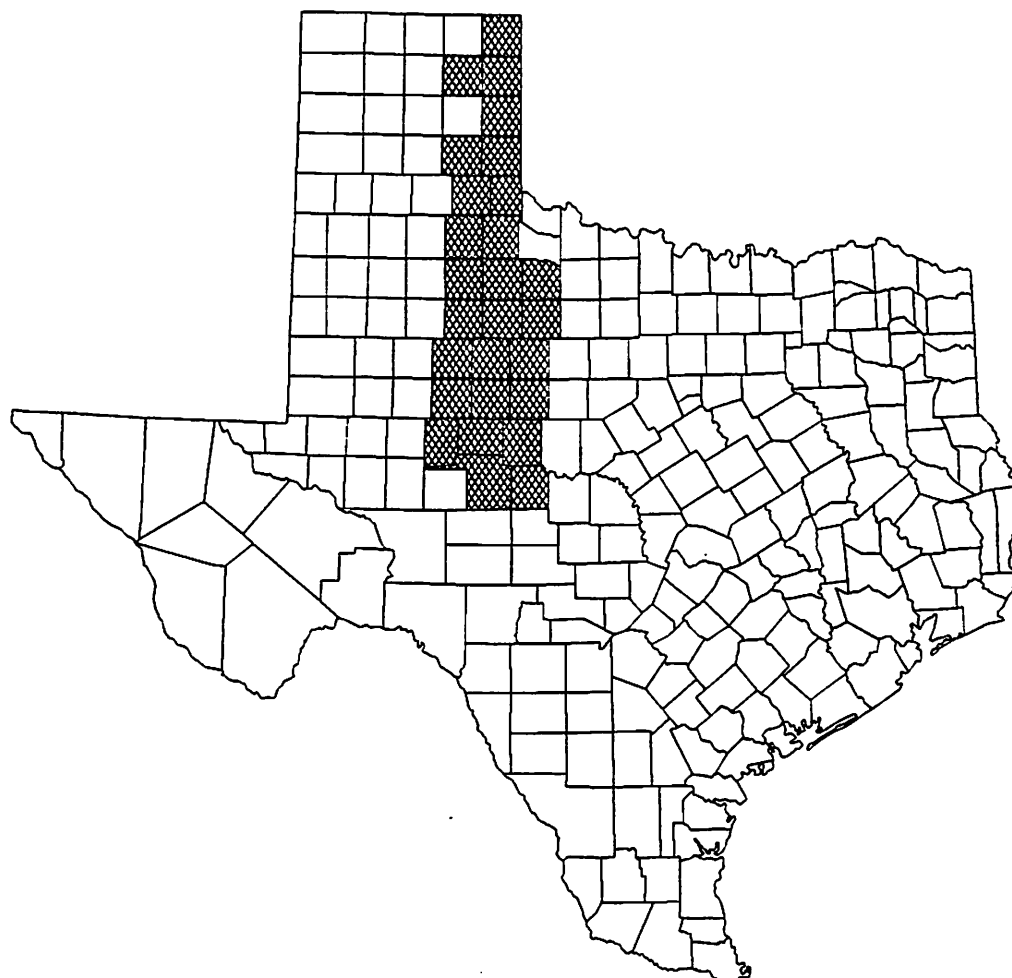
SOIL RESOURCE AREA 6



# TEXAS CROP ENTERPRISE BUDGETS

## TEXAS ROLLING PLAINS II REGION

Projected for 1984



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ALFALFA ESTABLISHMENT, IRRIGATED  
TEXAS ROLLING PLAINS II REGION  
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
ALFALFA HAY	1.00	ACRE	0.0	0.0	
TOTAL PROJECTED RETURNS				\$ 0.0	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*ALFALFA SEED	25.00	LB.	2.00	50.00	
FERT.(N) APPL'D	16.00	LB.	0.27	4.32	
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		2.48	
EQUIPMENT		ACRE		1.94	
IRRIGATION		ACRE		11.50	
REPAIRS-----TRACTOR		ACRE		0.84	
EQUIPMENT		ACRE		0.71	
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	29.22	DOL.	0.130	3.80	
SUBTOTAL, PREHARVEST		ACRE		\$ 95.73	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$
TOTAL VARIABLE COSTS		ACRE		\$ 95.73	\$
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -95.73	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		5.13	
EQUIPMENT		ACRE		5.07	
IRRIGATION		ACRE		8.88	
LAND-CASH RENT	1.00	ACRE	18.00	18.00	
TOTAL FIXED COSTS		ACRE		\$ 37.07	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 132.81	\$
6. NET PROJECTED RETURNS		ACRE		\$ -132.81	\$

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.

ALFALFA ESTABLISHMENT, IRRIGATED  
 TEXAS ROLLING PLAINS II REGION  
 1984 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	1.26	0.66	0.0	1.98	3.90
TANDEM DISC	3,40	AUG	1.00	0.208	0.158	1.47	1.04	0.0	2.95	5.46
GRAIN DRILL	2,58	SEPT	0.50	0.140	0.106	0.99	0.70	50.00	2.21	53.90
GRAIN DRILL	58	SEPT	0.50	0.0	0.106	0.0	0.0	0.0	0.73	0.73
TOTALS				0.480	0.470	3.72	2.40	50.00	7.86	63.98

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	8.88	23.33
TOTALS		4.00	0.400	2.682	12.45	2.00	0.0	8.88	23.33

ALFALFA, IRRIGATED  
TEXAS ROLLING PLAINS II REGION  
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR
			\$/UNIT	VALUE	ESTIMATE
1. GROSS RECEIPTS					
ALFALFA HAY	6.00	TON	105.00	630.00	
TOTAL PROJECTED RETURNS				\$ 630.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
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		0.35	
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	-24.00	DOL.	0.130	-3.12	
SUBTOTAL, PREHARVEST		ACRE		\$ 106.24	\$
HARVEST COSTS					
CUSTOM BALING	6.00	TON	25.00	150.00	
SUBTOTAL, HARVEST		ACRE		\$ 150.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 256.24	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 42.71/TON	ALFALFA HAY	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 373.76	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		2.72	
IRRIGATION		ACRE		44.39	
LAND---NET SHARE-RENT		ACRE		148.97	
ESTABLISHMENT 6Y	132.81	DOL.	0.17	22.58	
TOTAL FIXED COSTS		ACRE		\$ 218.66	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 474.90	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 79.15/TON	ALFALFA HAY	
6. NET PROJECTED RETURNS		ACRE		\$ 155.10	\$

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

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EXTENSION SERVICE AND APPROVED FOR PUBLICATION.

ALFALFA, IRRIGATED  
 TEXAS ROLLING PLAINS II REGION  
 1984 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	8.88	23.33
WATER APPLICATION	MAY	4.00	0.400	2.682	12.45	2.00	0.0	8.88	23.33
WATER APPLICATION	JUNE	4.00	0.400	2.682	12.45	2.00	0.0	8.88	23.33
WATER APPLICATION	JULY	4.00	0.400	2.682	12.45	2.00	0.0	8.88	23.33
WATER APPLICATION	AUG	4.00	0.400	2.682	12.45	2.00	0.0	8.88	23.33
TOTALS		20.00	2.000	13.409	62.27	10.00	0.0	44.39	116.66

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 ALFALFA HAY (DOLLARS)				
		84.00	94.50	105.00	115.50	126.00
QUANTITY OF ALFALFA HAY	TON	92.93	126.70	160.47	194.23	228.00
	4.80	116.65	154.64	192.63	230.62	268.60
	5.40	140.37	182.58	224.79	267.00	309.21
	6.00	164.08	210.52	256.95	303.38	349.81
	6.60	187.80	238.45	289.11	339.76	390.41
	7.20					

COASTAL BERMUDA GRASS ESTABLISHMENT, IRRIGATED  
 TEXAS ROLLING PLAINS II REGION  
 1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
TOTAL PROJECTED RETURNS				\$ 0.0	\$ _____
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
SPRIGGING	1.00	ACRE	22.50	22.50	_____
FERT (N) APPL'D	30.00	LB.	0.27	8.10	_____
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		1.46	_____
EQUIPMENT		ACRE		1.62	_____
IRRIGATION		ACRE		23.00	_____
REPAIRS-----TRACTOR		ACRE		0.47	_____
EQUIPMENT		ACRE		0.69	_____
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	49.29	DOL.	0.130	6.41	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 83.77	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 83.77	\$ _____
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -83.77	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		2.97	_____
EQUIPMENT		ACRE		3.35	_____
IRRIGATION		ACRE		17.76	_____
TOTAL FIXED COSTS		ACRE		\$ 24.08	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 107.85	\$ _____
6. NET PROJECTED RETURNS		ACRE		\$ -107.85	\$ _____

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COASTAL BERMUDA GRASS ESTABLISHMENT, IRRIGATED  
TEXAS ROLLING PLAINS II REGION  
1984 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	1.26	0.66	0.0	1.98	3.90
TANDEM DISC	3,41	FEB	1.00	0.146	0.110	1.11	0.73	0.0	2.40	4.24
TOTALS				0.277	0.210	2.37	1.39	0.0	4.38	8.14

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	8.88	23.33
WATER APPLICATION	MAY	4.00	0.400	2.682	12.45	2.00	0.0	8.88	23.33
TOTALS		8.00	0.800	5.364	24.91	4.00	0.0	17.76	46.66

COASTAL BERMUDAGRASS, IRRIGATED  
 TEXAS ROLLING PLAINS II REGION  
 1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
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.	0.27	56.97	
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		0.25	
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	20.67	DOL.	0.130	2.69	
SUBTOTAL, PREHARVEST		ACRE		\$ 134.42	\$
HARVEST COSTS					
CUSTOM BALE HAUL	7.00	TON	28.50	199.50	
SUBTOTAL, HARVEST		ACRE		\$ 199.50	\$
TOTAL VARIABLE COSTS		ACRE		\$ 333.92	\$
BREAK-EVEN PRICE, VARIABLE COSTS		\$ 47.70/TON		COASTAL BERMUDA	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 86.08	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		1.94	
IRRIGATION		ACRE		35.51	
LAND---NET SHARE-RENT		ACRE		50.47	
ESTABLISHMENT 6Y	107.85	DOL.	0.17	18.33	
TOTAL FIXED COSTS		ACRE		\$ 106.27	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 440.19	\$
BREAK-EVEN PRICE, TOTAL COSTS		\$ 62.88/TON		COASTAL BERMUDA	
6. NET PROJECTED RETURNS		ACRE		\$ -20.19	\$

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  
 1984 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	8.88	23.33
WATER APPLICATION	MAY	4.00	0.400	2.682	12.45	2.00	0.0	8.88	23.33
WATER APPLICATION	JUNE	4.00	0.400	2.682	12.45	2.00	0.0	8.88	23.33
WATER APPLICATION	AUG	4.00	0.400	2.682	12.45	2.00	0.0	8.88	23.33
TOTALS		16.00	1.600	10.728	49.82	8.00	0.0	35.51	93.33

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	-38.97	-16.45	6.06	28.57	51.08
	6.30	-29.82	-4.49	20.83	46.16	71.48
	7.00	-20.67	7.47	35.61	63.75	91.89
	7.70	-11.53	19.42	50.38	81.33	112.29
	8.40	-2.38	31.38	65.15	98.92	132.69

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

COTTON, DRYLAND, (SOLID 40" ROWS)  
TEXAS ROLLING PLAINS II REGION  
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
COTTON LINT	300.00	LB.	0.55	165.00	_____
COTTONSEED	0.24	TON	110.00	26.40	_____
DEFICIENCY PMT.	300.00	LB.	0.18	54.00	_____
TOTAL PROJECTED RETURNS				\$ 245.40	\$ _____
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		8.95	_____
EQUIPMENT		ACRE		1.62	_____
REPAIRS-----TRACTOR		ACRE		2.74	_____
EQUIPMENT		ACRE		1.84	_____
LABOR-----MACHINERY	2.18	HOUR	5.00	10.90	_____
EQUIPMENT	0.70	HOUR	5.00	3.50	_____
OPERATING CAPITAL	8.93	DOL.	0.130	1.16	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 51.12	\$ _____
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		4.15	_____
REPAIRS-----TRACTOR		ACRE		1.31	_____
EQUIPMENT		ACRE		3.27	_____
LABOR-----MACHINERY	0.88	HOUR	5.00	4.40	_____
EQUIPMENT	0.01	HOUR	5.00	0.05	_____
SUBTOTAL, HARVEST		ACRE		\$ 39.46	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 90.58	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.03/LB.	COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 154.82	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		30.94	_____
EQUIPMENT		ACRE		18.59	_____
LAND---NET SHARE-RENT		ACRE		52.90	_____
CROP INSURANCE	1.00	ACRE	4.50	4.50	_____
TOTAL FIXED COSTS		ACRE		\$ 106.93	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 197.51	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.39/LB.	COTTON LINT	
6. NET PROJECTED RETURNS		ACRE		\$ 47.89	\$ _____

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  
 1984 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	1.37	2.79	0.0	4.65	8.80
TANDEM DISC	3,40	DEC	1.00	0.208	0.158	1.47	1.04	0.0	2.95	5.46
MOLDBOARD 6B	2,47	DEC	0.30	0.113	0.086	1.05	0.57	0.0	1.99	3.61
CHISEL	2,44	JAN	0.70	0.092	0.070	0.88	0.46	0.0	1.38	2.73
TANDEM DISC	3,40	MAR	2.00	0.417	0.316	2.93	2.08	0.0	5.90	10.92
HERB SPR/DISC	61	MAR	1.00	0.0	0.158	0.01	0.0	6.00	0.16	6.17
LISTER-PLNT6R	3,36	APR	1.00	0.151	0.115	1.09	0.76	0.0	2.30	4.15
LISTER-PLNT6R	3,36	JUNE	1.00	0.151	0.115	1.09	0.76	6.40	2.30	10.55
SAND FIGHTER	3,51	JUNE	1.00	0.076	0.057	0.54	0.38	0.0	0.93	1.85
CULTIVATOR 6R	3,33	JUNE	2.00	0.415	0.314	2.85	2.07	0.0	6.82	11.74
COTTON STR/BSK	3,64	NOV	1.00	0.880	0.666	8.67	4.40	0.0	15.21	28.28
TOTALS				3.060	2.476	21.95	15.30	12.40	44.60	94.26

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF COTTON LINT  
 (DOLLARS)

QUANTITY OF COTTON LINT	LB.	PRICE OF COTTON LINT (DOLLARS)				
		0.44	0.49	0.55	0.60	0.66
240.00		49.25	59.15	69.05	78.95	88.85
270.00		63.21	74.35	85.49	96.62	107.76
300.00		77.17	89.54	101.92	114.29	126.67
330.00		91.13	104.74	118.35	131.97	145.58
360.00		105.09	119.94	134.79	149.64	164.49

COTTON, DRYLAND, NARROW ROW  
TEXAS ROLLING PLAINS II REGION  
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
COTTON LINT	300.00	LB.	0.55	165.00	_____
COTTONSEED	0.24	TON	110.00	26.40	_____
DEFICIENCY PMT.	300.00	LB.	0.18	54.00	_____
TOTAL PROJECTED RETURNS				\$ 245.40	\$ _____
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*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		5.57	_____
EQUIPMENT		ACRE		1.62	_____
REPAIRS-----TRACTOR		ACRE		1.68	_____
EQUIPMENT		ACRE		1.26	_____
LABOR-----MACHINERY	1.46	HOUR	5.00	7.32	_____
EQUIPMENT	0.70	HOUR	5.00	3.50	_____
OPERATING CAPITAL	5.46	DOL.	0.130	0.71	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 37.25	\$ _____
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		0.71	_____
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		\$ 46.24	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 83.49	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.01/LB.	COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 161.91	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		15.28	_____
EQUIPMENT		ACRE		9.91	_____
LAND---NET SHARE-RENT		ACRE		54.63	_____
CROP INSURANCE	1.00	ACRE	4.50	4.50	_____
TOTAL FIXED COSTS		ACRE		\$ 84.32	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 167.81	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.29/LB.	COTTON LINT	
6. NET PROJECTED RETURNS		ACRE		\$ 77.59	\$ _____

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.

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.

COTTON, DRYLAND, NARROW ROW  
 TEXAS ROLLING PLAINS II REGION  
 1984 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	1.37	2.79	0.0	4.65	8.80
TANDEM DISC	3,40	DEC	1.00	0.208	0.158	1.47	1.04	0.0	2.95	5.46
MOLDBOARD 6B	2,47	DEC	0.30	0.113	0.086	1.05	0.57	0.0	1.99	3.61
CHISEL	2,44	JAN	0.70	0.092	0.070	0.88	0.46	0.0	1.38	2.73
TANDEM DISC	3,40	MAR	2.00	0.417	0.316	2.93	2.08	0.0	5.90	10.92
HERB SPR/DISC	61	MAR	1.00	0.0	0.158	0.01	0.0	6.00	0.16	6.17
SAND FIGHTER	3,51	JUNE	1.00	0.076	0.057	0.54	0.38	0.0	0.93	1.85
LISTER-PLNT6R	3,36	JUNE	1.00	0.151	0.115	1.09	0.76	4.00	2.30	8.15
TOTALS				1.615	1.381	9.34	8.07	10.00	20.26	47.68

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)

QUANTITY OF COTTON LINT	LB.	PRICE OF COTTON LINT (DOLLARS)				
		0.44	0.49	0.55	0.60	0.66
240.00		54.62	64.52	74.42	84.32	94.22
270.00		68.58	79.71	90.85	101.99	113.13
300.00		82.53	94.91	107.28	119.66	132.03
330.00		96.49	110.11	123.72	137.33	150.94
360.00		110.45	125.30	140.15	155.00	169.85

COTTON, DRYLAND, (2 X 2 PLANTING PATTERN)  
 TEXAS ROLLING PLAINS II REGION  
 1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
COTTON LINT	250.00	LB.	0.55	137.50	_____
COTTONSEED	0.20	TON	110.00	22.00	_____
DEFICIENCY PMT.	250.00	LB.	0.18	45.00	_____
TOTAL PROJECTED RETURNS				\$ 204.50	\$ _____
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*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		10.85	_____
EQUIPMENT		ACRE		2.10	_____
REPAIRS-----TRACTOR		ACRE		3.41	_____
EQUIPMENT		ACRE		1.97	_____
LABOR-----MACHINERY	2.37	HOUR	5.00	11.87	_____
EQUIPMENT	0.91	HOUR	5.00	4.55	_____
OPERATING CAPITAL	10.59	DOL.	0.130	1.38	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 53.33	\$ _____
HARVEST COSTS					
*GIN, BAG & TIES	250.00	LB.	0.08	21.25	_____
CONTRACT BROKER	0.52	BALE	1.25	0.65	_____
FUEL & LUBE---TRACTOR		ACRE		4.15	_____
REPAIRS-----TRACTOR		ACRE		1.31	_____
EQUIPMENT		ACRE		3.27	_____
LABOR-----MACHINERY	0.88	HOUR	5.00	4.40	_____
EQUIPMENT	0.01	HOUR	5.00	0.05	_____
SUBTOTAL, HARVEST		ACRE		\$ 35.08	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 88.40	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.09/LB.	COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 116.10	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		32.82	_____
EQUIPMENT		ACRE		19.68	_____
LAND---NET SHARE-RENT		ACRE		43.77	_____
CROP INSURANCE	1.00	ACRE	4.50	4.50	_____
TOTAL FIXED COSTS		ACRE		\$ 100.78	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 189.18	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.49/LB.	COTTON LINT	
6. NET PROJECTED RETURNS		ACRE		\$ 15.32	\$ _____

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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PROJECTIONS FOR PLANNING PURPOSES ONLY  
NOT TO BE USED WITHOUT UPDATING AFTER 01/23/84.

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COTTON, DRYLAND, (2 X 2 PLANTING PATTERN)  
TEXAS ROLLING PLAINS II REGION  
1984 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	1.37	2.79	0.0	4.65	8.80
TANDEM DISC	3,40	DEC	1.00	0.208	0.158	1.47	1.04	0.0	2.95	5.46
MOLDBOARD 6B	2,47	JAN	0.30	0.113	0.086	1.05	0.57	0.0	1.99	3.61
CHISEL	2,44	JAN	0.70	0.092	0.070	0.88	0.46	0.0	1.38	2.73
TANDEM DISC	2,40	MAR	1.00	0.208	0.158	1.81	1.04	0.0	2.90	5.74
HERB SPR/DISC	61	MAR	1.00	0.0	0.158	0.01	0.0	6.00	0.16	6.17
LISTER 6R	3,54	APR	1.00	0.151	0.115	0.99	0.76	0.0	1.86	3.61
LISTER-PLNT6R	3,36	MAY	1.00	0.151	0.115	1.09	0.76	3.20	2.30	7.35
SAND FIGHTER	3,51	JUNE	1.00	0.076	0.057	0.54	0.38	0.0	0.93	1.85
ROLLING CULT	3,30	JUNE	1.00	0.194	0.147	1.40	0.97	0.0	2.59	4.97
CULTIVATOR 6R	2,33	JUNE	1.00	0.207	0.157	1.76	1.04	0.0	3.36	6.16
CULTIVATOR 6R	2,33	JULY	1.00	0.207	0.157	1.76	1.04	0.0	3.36	6.16
CULTIVATOR 6R	2,33	AUG	1.00	0.207	0.157	1.76	1.04	0.0	3.36	6.16
COTTON STR/BSK	3,64	NOV	1.00	0.880	0.666	8.67	4.40	21.25	15.21	49.53
TOTALS				3.254	2.623	24.57	16.27	30.45	46.99	118.28

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)

		0.44	0.49	0.55	0.60	0.66
QUANTITY OF COTTON LINT	LB.					
	200.00	28.43	36.68	44.93	53.18	61.43
	225.00	40.06	49.34	58.63	67.91	77.19
	250.00	51.70	62.01	72.32	82.63	92.95
	275.00	63.33	74.67	86.02	97.36	108.70
	300.00	74.96	87.34	99.71	112.09	124.46

COTTON, IRRIGATED  
 TEXAS ROLLING PLAINS II REGION  
 1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
COTTON LINT	525.00	LB.	0.55	288.75	
COTTONSEED	0.42	TON	110.00	46.20	
DEFICIENCY PMT.	525.00	LB.	0.18	94.50	
TOTAL PROJECTED RETURNS				\$ 429.45	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*SEED COTTON	20.00	LB.	0.40	8.00	
FERT (N) APPL'D	20.00	LB.	0.27	5.40	
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	
INSECTICIDE	4.00	APPL	6.00	24.00	
IRRIGATION WATER	14.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		11.11	
EQUIPMENT		ACRE		2.26	
IRRIGATION		ACRE		40.25	
REPAIRS-----TRACTOR		ACRE		3.48	
EQUIPMENT		ACRE		2.13	
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	33.73	DOL.	0.130	4.39	
SUBTOTAL, PREHARVEST		ACRE		\$ 154.22	\$
HARVEST COSTS					
*GIN,BAG & TIES	525.00	LB.	0.08	44.62	
CONTRACT BROKER	1.09	BALE	1.25	1.36	
FUEL & LUBE--TRACTOR		ACRE		4.15	
REPAIRS-----TRACTOR		ACRE		1.31	
EQUIPMENT		ACRE		3.27	
LABOR-----MACHINERY	0.88	HOUR	5.00	4.40	
EQUIPMENT	0.01	HOUR	5.00	0.05	
SUBTOTAL, HARVEST		ACRE		\$ 59.17	\$
TOTAL VARIABLE COSTS		ACRE		\$ 213.38	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.14/LB.	COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 216.07	\$
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		33.90	
EQUIPMENT		ACRE		20.35	
IRRIGATION		ACRE		31.07	
LAND---NET SHARE-RENT		ACRE		86.24	
CROP INSURANCE	1.00	ACRE	4.50	4.50	
TOTAL FIXED COSTS		ACRE		\$ 176.06	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 389.45	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.47/LB.	COTTON LINT	
6. NET PROJECTED RETURNS		ACRE		\$ 40.00	\$

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

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