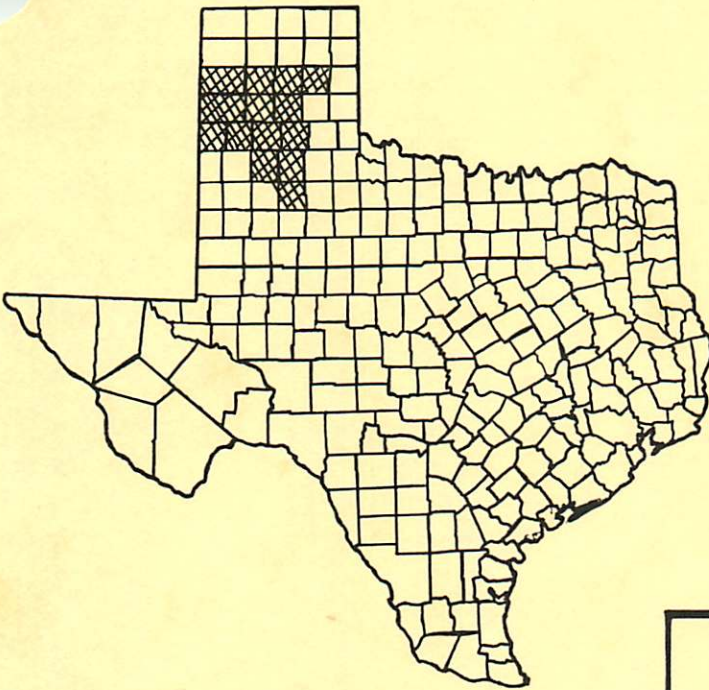


TEXAS HIGH PLAINS II

SOIL RESOURCE AREA 2

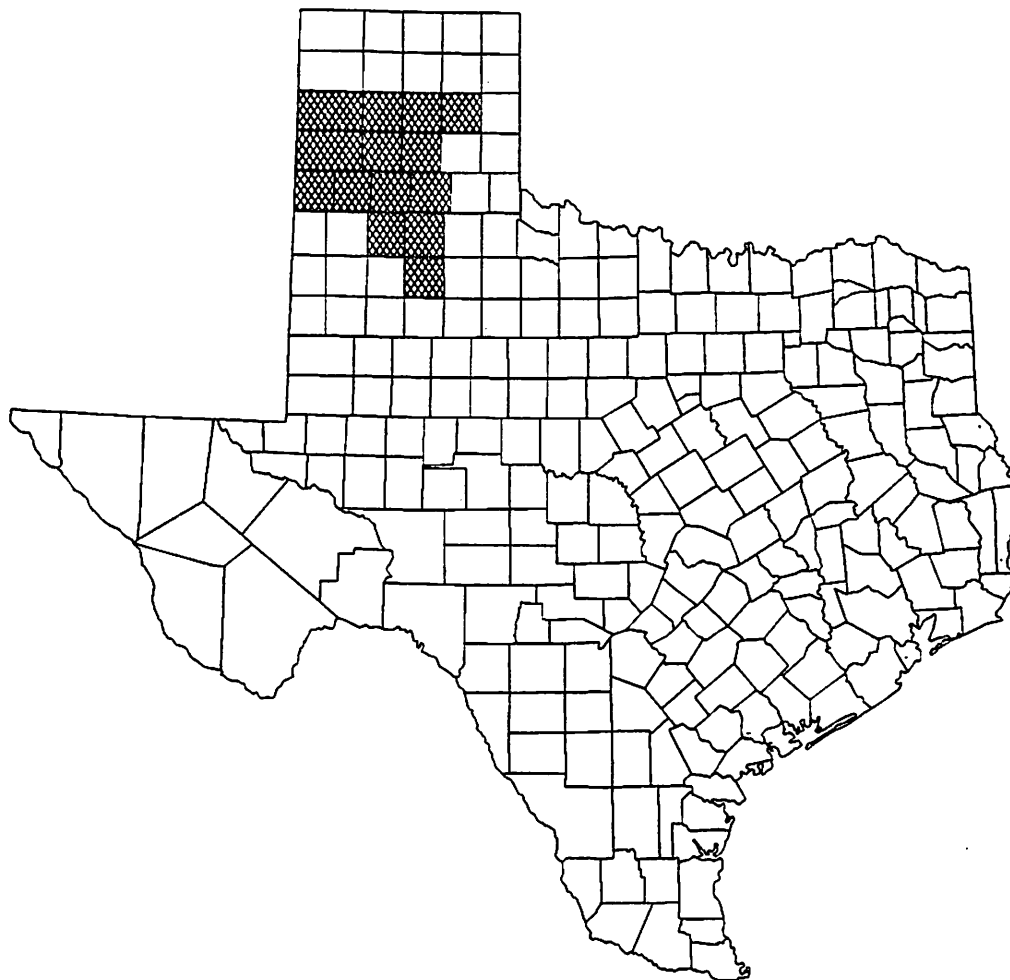


Oldham	Potter	Carson	Gray
Deaf Smith	Randall	Armstrong	
Parmer	Castro	Swisher	Briscoe
		Hale	Floyd
			Crosby

TEXAS CROP ENTERPRISE BUDGETS

TEXAS HIGH PLAINS II REGION

Projected for 1984



Educational programs conducted by the Texas Agricultural Extension Service serve people of all ages regardless of socio-economic level, race, color, sex, religion or national origin.

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.

150 - 1-84, New

ECO 7-2

ALFALFA ESTABL., FURROW IRRIGATED (NATURAL GAS), TEX HIGH PLAINS II REGN
 1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
TOTAL PROJECTED RETURNS				\$ 0.0	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*ALFALFA SEED	15.00	LB.	2.39	35.85	
IRRIGATION WATER	10.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		7.67	
EQUIPMENT		ACRE		1.39	
IRRIGATION		ACRE		23.80	
REPAIRS-----TRACTOR		ACRE		1.99	
EQUIPMENT		ACRE		1.56	
IRRIGATION		ACRE		2.80	
LABOR-----MACHINERY	1.00	HOUR	5.50	5.48	
IRRIGATION	1.00	HOUR	5.50	5.50	
EQUIPMENT	0.63	HOUR	5.50	3.47	
OPERATING CAPITAL	20.34	DOL.	0.120	2.44	
SUBTOTAL, PREHARVEST		ACRE		\$ 91.95	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$
TOTAL VARIABLE COSTS		ACRE		\$ 91.95	\$
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -91.95	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		13.88	
EQUIPMENT		ACRE		5.51	
LAND-CASH RENT	1.00	ACRE	50.00	50.00	
IRR EQUIP (50%)	10.00	ACIN	0.53	5.30	
TOTAL FIXED COSTS		ACRE		\$ 74.70	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 166.64	\$
6. NET PROJECTED RETURNS		ACRE		\$ -166.64	\$

LAND CHARGE USES \$50/ACRE LESS 50% OF IRRIGATION FIXED COSTS.

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 ESTABL., FURROW IRRIGATED (NATURAL GAS), TEX HIGH PLAINS II REGN
 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	1,44	JULY	1.00	0.132	0.100	1.51	0.72	0.0	2.40	4.63
OFFSET DISC	1,78	AUG	1.00	0.104	0.079	1.30	0.57	0.0	2.55	4.42
TANDEM DISC	1,40	AUG	1.00	0.208	0.158	2.19	1.15	0.0	3.57	6.91
GRAIN DRILL	1,93	AUG	1.00	0.280	0.212	3.32	1.54	35.85	5.30	46.02
PACKER	1,88	AUG	1.00	0.272	0.206	2.67	1.50	0.0	3.89	8.06
TOTALS				0.996	0.755	11.00	5.48	35.85	17.71	70.03

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	NOV	4.00	0.400	0.0	10.64	2.20	0.0	2.12	14.96
WATER APPLICATION	SEPT	6.00	0.600	0.0	15.96	3.30	0.0	3.18	22.44
TOTALS		10.00	1.000	0.0	26.60	5.50	0.0	5.30	37.40

ALFALFA, FURROW IRRIGATED (NATURAL GAS), TEXAS HIGH PLAINS II REGN
 1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR
			\$/UNIT	VALUE	ESTIMATE
1. GROSS RECEIPTS					
HAYALFALFA	7.00	TON	60.00	420.00	
TOTAL PROJECTED RETURNS				\$ 420.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
FERT (P) APPL'D	100.00	LB.	0.10	10.00	
IRRIGATION WATER	40.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		1.70	
IRRIGATION		ACRE		95.20	
REPAIRS-----TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		0.28	
IRRIGATION		ACRE		11.20	
LABOR-----MACHINERY	0.0	ACRE			
IRRIGATION	4.00	ACRE			
EQUIPMENT	0.77	ACRE			
OPERATING CAPITAL	15.55	ACRE			
SUBTOTAL, PREHARVEST		ACRE		\$ 146.48	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$
TOTAL VARIABLE COSTS		ACRE		\$ 146.48	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 20.93/TON	HAYALFALFA	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 273.52	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		2.07	
PRORATED ESTABL	166.64	DOL.	0.20	33.33	
LAND-CASH RENT	1.00	ACRE	50.00	50.00	
IRR EQUIP (50%)	40.00	ACIN	0.53	21.20	
TOTAL FIXED COSTS		ACRE		\$ 106.60	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 253.07	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 36.15/TON	HAYALFALFA	
6. NET PROJECTED RETURNS		ACRE		\$ 166.93	\$

LAND CHARGE USES \$50/ACRE LESS 50 PERCENT OF IRRIGATION FIXED COSTS.
 ESTABLISHMENT COSTS PRORATED OVER 5 YEARS.

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, FURROW IRRIGATED (NATURAL GAS), TEXAS HIGH PLAINS II REGN
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	FEB	6.00	0.600	0.0	15.96	3.30	0.0	3.18	22.44
WATER APPLICATION	MAR	6.00	0.600	0.0	15.96	3.30	0.0	3.18	22.44
WATER APPLICATION	APR	4.00	0.400	0.0	10.64	2.20	0.0	2.12	14.96
WATER APPLICATION	MAY	6.00	0.600	0.0	15.96	3.30	0.0	3.18	22.44
WATER APPLICATION	JUNE	6.00	0.600	0.0	15.96	3.30	0.0	3.18	22.44
WATER APPLICATION	JULY	6.00	0.600	0.0	15.96	3.30	0.0	3.18	22.44
WATER APPLICATION	AUG	6.00	0.600	0.0	15.96	3.30	0.0	3.18	22.44
TOTALS		40.00	4.000	0.0	106.40	22.00	0.0	21.20	149.60

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 HAYALFALFA
(DOLLARS)

		48.00	54.00	60.00	66.00	72.00
QUANTITY OF HAYALFALFA	TON					
	5.60	122.32	155.92	189.52	223.12	256.72
	6.30	155.92	193.72	231.52	269.32	307.12
	7.00	189.52	231.52	273.52	315.52	357.52
	7.70	223.12	269.32	315.52	361.72	407.92
	8.40	256.72	307.12	357.52	407.92	458.32

CORN FOR GRAIN, SPRINKLER IRRIGATED, (NAT.GAS), TEX HIGH PLAINS II REGN
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
CORN	145.00	BU.	2.95	427.75	_____
DEFICIENCY PMT.	145.00	BU.	0.48	69.60	_____
TOTAL PROJECTED RETURNS				\$ 497.35	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SEED CORN/GRAIN	0.35	BAGS	48.00	16.80	_____
FERT (N) APPL'D	200.00	LB.	0.27	54.00	_____
FERT (P) APPL'D	60.00	LB.	0.25	15.00	_____
*HERBICIDE	1.00	ACRE	12.00	12.00	_____
INSECT. CORN	1.00	ACRE	30.00	30.00	_____
IRRIGATION WATER	24.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		8.91	_____
EQUIPMENT		ACRE		1.70	_____
IRRIGATION		ACRE		70.80	_____
REPAIRS-----TRACTOR		ACRE		2.32	_____
EQUIPMENT		ACRE		1.84	_____
IRRIGATION		ACRE		11.04	_____
LABOR-----MACHINERY	1.16	HOURL	5.50	6.37	_____
IRRIGATION	0.79	HOURL	5.50	4.36	_____
EQUIPMENT	0.77	HOURL	5.50	4.23	_____
OPERATING CAPITAL	40.88	DOL.	0.120	4.91	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 244.28	\$ _____
HARVEST COSTS					
CUSTOM HARVEST	145.00	BU.	0.30	43.50	_____
*CUSTOM HAULING	145.00	BU.	0.10	14.50	_____
CUSTOM DRYING	145.00	BU.	0.12	17.40	_____
SUBTOTAL, HARVEST		ACRE		\$ 75.40	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 319.68	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 1.72/BU.	CORN	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 177.67	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		16.14	_____
EQUIPMENT		ACRE		9.27	_____
LAND---NET SHARE-RENT		ACRE		59.93	_____
IRRIG. EQUIP.	24.00	ACIN	1.61	38.64	_____
TOTAL FIXED COSTS		ACRE		\$ 123.99	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 443.66	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 2.58/BU.	CORN	
6. NET PROJECTED RETURNS		ACRE		\$ 53.69	\$ _____

LAND CHARGE 33% GROSS LESS 33% FERT, CHEM, GAS, HARVEST & 50% OF IRRIG
FIXED COST. PRICE BASED ON LOAN RATE ADJUSTED FOR STORAGE. DEFICIENCY
PAYMENT BASED ON COMPLIANCE WITH GOV'T 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.

CORN FOR GRAIN, SPRINKLER IRRIGATED, (NAT.GAS), TEX HIGH PLAINS II REGN
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 4R	1,57	JAN	1.00	0.277	0.210	2.79	1.52	0.0	4.96	9.27
OFFSET DISC	1,43	MAR	1.00	0.104	0.079	1.30	0.57	0.0	2.55	4.42
CHISEL	1,44	MAR	2.00	0.263	0.199	3.01	1.45	0.0	4.79	9.25
OFFSET DISC	1,43	APR	1.50	0.156	0.118	1.95	0.86	0.0	3.82	6.63
HERB SPR/DISC	61	APR	1.00	0.0	0.158	0.01	0.0	12.00	0.15	12.17
LISTER-PLNT6R	1,36	MAY	1.00	0.151	0.115	1.58	0.83	16.80	3.06	22.27
CULTIVATOR 6R	1,33	MAY	1.00	0.207	0.157	2.15	1.14	0.0	4.01	7.30
TOTALS				1.159	1.036	12.79	6.37	28.80	23.35	71.32

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	MAR	3.00	0.099	0.0	10.23	0.54	0.0	4.83	15.60
WATER APPLICATION	APR	3.00	0.099	0.0	10.23	0.54	0.0	4.83	15.60
WATER APPLICATION	JUNE	4.00	0.132	0.0	13.64	0.73	0.0	6.44	20.81
WATER APPLICATION	JULY	8.00	0.264	0.0	27.28	1.45	0.0	12.88	41.61
WATER APPLICATION	AUG	6.00	0.198	0.0	20.46	1.09	0.0	9.66	31.21
TOTALS		24.00	0.792	0.0	81.84	4.36	0.0	38.64	124.84

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 CORN (DOLLARS)				
		2.36	2.65	2.95	3.24	3.54
QUANTITY OF CORN	BU.					
	116.00	15.35	38.27	61.20	84.13	107.06
	130.50	37.89	63.68	89.47	115.27	141.06
	145.00	60.42	89.08	117.74	146.40	175.06
	159.50	82.96	114.49	146.01	177.54	209.06
	174.00	105.50	139.89	174.28	208.68	243.07

CORN FOR GRAIN, FURROW IRRIGATED, (NAT GAS), TEX HIGH PLAINS II REGN
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
CORN	145.00	BU.	2.95	427.75	
DEFICIENCY PMT.	145.00	BU.	0.48	69.60	
TOTAL PROJECTED RETURNS				\$ 497.35	\$
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*SEED CORN/GRAIN	0.35	BAGS	48.00	16.80	
FERT (N) APPL'D	220.00	LB.	0.27	59.40	
FERT (P) APPL'D	40.00	LB.	0.25	10.00	
*HERBICIDE	1.00	ACRE	12.00	12.00	
INSECT. CORN	1.00	ACRE	30.00	30.00	
IRRIGATION WATER	30.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		12.56	
EQUIPMENT		ACRE		2.47	
IRRIGATION		ACRE		71.40	
REPAIRS-----TRACTOR		ACRE		3.26	
EQUIPMENT		ACRE		2.16	
IRRIGATION		ACRE		8.40	
LABOR-----MACHINERY	1.63	HOUR	5.50	8.98	
IRRIGATION	3.00	HOUR	5.50	16.50	
EQUIPMENT	1.12	HOUR	5.50	6.16	
OPERATING CAPITAL	59.21	DOL.	0.120	7.11	
SUBTOTAL, PREHARVEST		ACRE		\$ 267.20	\$
HARVEST COSTS					
CUSTOM HARVEST	145.00	BU.	0.30	43.50	
CUSTOM HAULING	145.00	BU.	0.10	14.50	
CUSTOM DRYING	145.00	BU.	0.12	17.40	
SUBTOTAL, HARVEST		ACRE		\$ 75.40	\$
TOTAL VARIABLE COSTS		ACRE		\$ 342.60	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 1.88/BU.	CORN	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 154.75	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		22.75	
EQUIPMENT		ACRE		10.22	
LAND---NET SHARE-RENT		ACRE		63.02	
IRRIG. EQUIP.	30.00	ACIN	1.06	31.80	
TOTAL FIXED COSTS		ACRE		\$ 127.80	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 470.40	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 2.76/BU.	CORN	
6. NET PROJECTED RETURNS		ACRE		\$ 26.95	\$

LAND CHARGE 33% GROSS LESS 33% FERT, CHEM, GAS, HARVEST & 50% OF IRRIG
FIXED COSTS. PRICE BASED ON LOAN RATE ADJUSTED FOR STORAGE. DEFICIENCY
PAYMENT BASED ON COMPLIANCE WITH GOV'T 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.

CORN FOR GRAIN, FURROW IRRIGATED, (NAT GAS), TEX HIGH PLAINS II REGN
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 4R	1,57	NOV	1.00	0.277	0.210	2.79	1.52	0.0	4.96	9.27
OFFSET DISC	1,43	NOV	1.00	0.104	0.079	1.30	0.57	0.0	2.55	4.42
CHISEL	1,44	DEC	1.00	0.132	0.100	1.51	0.72	0.0	2.40	4.63
OFFSET DISC	1,42	FEB	1.00	0.208	0.158	2.29	1.15	0.0	3.96	7.39
TANDEM DISC	1,41	FEB	1.00	0.146	0.110	1.62	0.80	0.0	2.83	5.24
HERB SPR/DISC	61	FEB	1.00	0.0	0.158	0.01	0.0	12.00	0.15	12.17
BOX FLOAT	1,60	MAR	0.50	0.216	0.164	2.10	1.19	0.0	3.17	6.46
LISTER 8 ROW	1,90	MAR	1.00	0.114	0.086	1.17	0.63	0.0	1.83	3.63
RODWEEDER	1,50	APR	1.00	0.091	0.069	0.95	0.50	0.0	1.86	3.31
BED PLNTR 8R	1,74	APR	1.00	0.152	0.115	1.76	0.83	16.80	3.09	22.48
ROLLING CULT	1,30	MAY	1.00	0.194	0.147	2.08	1.07	0.0	3.18	6.33
TOTALS				1.633	1.395	17.58	8.98	28.80	29.97	85.33

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	MAR	8.00	0.800	0.0	21.28	4.40	0.0	8.48	34.16
WATER APPLICATION	JUNE	8.00	0.800	0.0	21.28	4.40	0.0	8.48	34.16
WATER APPLICATION	JULY	8.00	0.800	0.0	21.28	4.40	0.0	8.48	34.16
WATER APPLICATION	AUG	6.00	0.600	0.0	15.96	3.30	0.0	6.36	25.62
TOTALS		30.00	3.000	0.0	79.80	16.50	0.0	31.80	128.10

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 CORN (DOLLARS)				
		2.36	2.65	2.95	3.24	3.54
QUANTITY OF CORN	BU.					
	116.00	-10.66	12.26	35.19	58.12	81.04
	130.50	11.87	37.67	63.46	89.25	115.05
	145.00	34.41	63.07	91.73	120.39	149.05
	159.50	56.95	88.48	120.00	151.53	183.05
	174.00	79.49	113.88	148.27	182.66	217.05

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

CORN FOR SILAGE, FURROW IRRIGATED, (NAT GAS), TEX HIGH PLAINS II REGN
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
CORN SILAGE	18.00	TON	16.00	288.00	
TOTAL PROJECTED RETURNS				\$ 288.00	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*SEED CORN/SILAGE	0.38	BAGS	54.00	20.52	
FERT (N) APPL'D	200.00	LB.	0.27	54.00	
*HERBICIDE	1.00	ACRE	12.00	12.00	
IRRIGATION WATER	22.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		11.78	
EQUIPMENT		ACRE		2.47	
IRRIGATION		ACRE		52.36	
REPAIRS-----TRACTOR		ACRE		3.57	
EQUIPMENT		ACRE		1.82	
IRRIGATION		ACRE		6.16	
LABOR-----MACHINERY	1.84	HOUR	5.50	10.10	
IRRIGATION	2.20	HOUR	5.50	12.10	
EQUIPMENT	1.12	HOUR	5.50	6.16	
OPERATING CAPITAL	11.89	DOL.	0.120	1.43	
SUBTOTAL, PREHARVEST		ACRE		\$ 194.46	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$
TOTAL VARIABLE COSTS		ACRE		\$ 194.46	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 10.80/TON	CORN SILAGE	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 93.54	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		18.58	
EQUIPMENT		ACRE		9.61	
LAND---NET SHARE-RENT		ACRE		44.32	
IRRIG. EQUIP.	22.00	ACIN	1.06	23.32	
TOTAL FIXED COSTS		ACRE		\$ 95.84	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 290.30	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 16.13/TON	CORN SILAGE	
6. NET PROJECTED RETURNS		ACRE		\$ -2.30	\$

LAND CHARGE 33% GROSS LESS 33%, FERT, CHEM, GAS & 50% OF IRRIG.
FIXED COSTS. CROP SOLD STANDING IN FIELD. GOV'T PYMNT. NOT INCL.

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.

CORN FOR SILAGE, FURROW IRRIGATED, (NAT GAS), TEX HIGH PLAINS II REGN
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 4R	2,57	NOV	1.00	0.277	0.210	2.42	1.52	0.0	3.90	7.85
TANDEM DISC	2,40	NOV	1.00	0.208	0.158	1.91	1.15	0.0	2.77	5.83
CHISEL	2,44	DEC	1.00	0.132	0.100	1.33	0.72	0.0	1.89	3.95
OFFSET DISC	2,42	FEB	1.00	0.208	0.158	2.01	1.15	0.0	3.16	6.32
TANDEM DISC	2,40	FEB	1.00	0.208	0.158	1.91	1.15	0.0	2.77	5.83
HERB SPR/DISC	61	FEB	1.00	0.0	0.158	0.01	0.0	12.00	0.15	12.17
BOX FLOAT	2,60	MAR	0.50	0.216	0.164	1.81	1.19	0.0	2.35	5.35
LISTER 6R	2,54	MAR	1.00	0.151	0.115	1.32	0.83	0.0	1.74	3.89
RODWEEDER	2,50	APR	1.00	0.091	0.069	0.83	0.50	0.0	1.52	2.85
LISTER-PLNT6R	2,36	APR	1.00	0.151	0.115	1.37	0.83	20.52	2.49	25.21
ROLLING CULT	2,30	MAY	1.00	0.194	0.147	1.82	1.07	0.0	2.43	5.32
TOTALS				1.837	1.549	16.76	10.10	32.52	25.19	84.57

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	MAR	6.00	0.600	0.0	15.96	3.30	0.0	6.36	25.62
WATER APPLICATION	MAY	4.00	0.400	0.0	10.64	2.20	0.0	4.24	17.08
WATER APPLICATION	JUNE	4.00	0.400	0.0	10.64	2.20	0.0	4.24	17.08
WATER APPLICATION	JULY	4.00	0.400	0.0	10.64	2.20	0.0	4.24	17.08
WATER APPLICATION	AUG	4.00	0.400	0.0	10.64	2.20	0.0	4.24	17.08
TOTALS		22.00	2.200	0.0	58.52	12.10	0.0	23.32	93.94

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 CORN SILAGE
(DOLLARS)

		12.80	14.40	16.00	17.60	19.20
QUANTITY OF CORN SILAGE	TON					
	14.40	-20.25	-4.81	10.63	26.06	41.50
	16.20	-4.81	12.55	29.92	47.29	64.65
	18.00	10.63	29.92	49.22	68.51	87.81
	19.80	26.06	47.29	68.51	89.74	110.96
	21.60	41.50	64.65	87.81	110.96	134.12

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

COTTON, DRYLAND, TEXAS HIGH PLAINS II REGION
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
COTTON LINT	275.00	LB.	0.55	151.25	_____
COTTONSEED	0.22	TON	110.00	24.20	_____
DEFICIENCY PMT.	275.00	LB.	0.18	49.50	_____
TOTAL PROJECTED RETURNS				\$ 224.95	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SD COTTON-UPLAND	15.00	LB.	0.30	4.50	_____
*HERBICIDE	1.00	ACRE	6.00	6.00	_____
HAIL INSURANCE	70.00	DOL.	0.15	10.50	_____
FERT (N) APPL'D	20.00	LB.	0.27	5.40	_____
FERT (P) APPL'D	20.00	LB.	0.25	5.00	_____
FUEL & LUBE--TRACTOR		ACRE		13.68	_____
EQUIPMENT		ACRE		2.16	_____
REPAIRS-----TRACTOR		ACRE		3.87	_____
EQUIPMENT		ACRE		2.26	_____
LABOR-----MACHINERY	2.30	HOUR	5.50	12.64	_____
EQUIPMENT	0.98	HOUR	5.50	5.39	_____
OTHER	2.00	HOUR	5.50	11.00	_____
OPERATING CAPITAL	26.95	DOL.	0.120	3.23	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 85.64	\$ _____
HARVEST COSTS					
GIN,BAG, TIES	12.50	CWT.	1.75	21.88	_____
CUSTOM HARV&HAUL	12.50	CWT.	1.25	15.63	_____
SUBTOTAL, HARVEST		ACRE		\$ 37.50	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 123.14	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.18/LB.	COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 101.81	\$ _____
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		25.11	_____
EQUIPMENT		ACRE		12.76	_____
LAND---NET SHARE-RENT		ACRE		50.77	_____
TOTAL FIXED COSTS		ACRE		\$ 88.63	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 211.77	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.50/LB.	COTTON LINT	
6. NET PROJECTED RETURNS		ACRE		\$ 13.18	\$ _____

LAND (NET RENT) BASED ON 1/4 OF GROSS LESS 1/4 OF GINNING, BAGGING AND TIES. 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, TEXAS HIGH 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	3,56	DEC	1.00	0.557	0.422	3.77	3.07	0.0	6.52	13.35
TANDEM DISC	2,40	DEC	1.50	0.312	0.237	2.87	1.72	0.0	4.16	8.75
MOLDBOARD 6B	1,47	FEB	1.50	0.567	0.430	6.28	3.12	0.0	11.73	21.13
PACKER	53	FEB	1.50	0.0	0.309	0.05	0.0	0.0	0.14	0.19
TANDEM DISC	2,40	MAR	1.00	0.208	0.158	1.91	1.15	0.0	2.77	5.83
HERB SPR/DISC	61	MAR	1.00	0.0	0.158	0.01	0.0	6.00	0.15	6.17
LISTER-PLNT6R	2,36	MAY	1.25	0.189	0.143	1.72	1.04	4.50	3.11	10.37
SAND FIGHTER	5,51	JUNE	2.00	0.151	0.115	0.52	0.83	0.0	1.21	2.56
CULTIVATOR 8R	3,34	JUNE	2.00	0.312	0.236	2.33	1.72	0.0	5.43	9.48
TOTALS				2.298	2.208	19.46	12.64	10.50	35.23	77.83

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.					
	220.00	5.56	14.63	23.71	32.78	41.86
	247.50	16.96	27.17	37.37	47.58	57.79
	275.00	28.36	39.70	51.04	62.39	73.73
	302.50	39.75	52.23	64.71	77.19	89.67
	330.00	51.15	64.77	78.38	91.99	105.60

COTTON, FURROW IRRIGATED (NATURAL GAS)
 TEXAS HIGH PLAINS II REGION
 1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
COTTON LINT	400.00	LB.	0.55	220.00	_____
COTTONSEED	0.32	TON	110.00	35.20	_____
DEFICIENCY PMT.	400.00	LB.	0.18	72.00	_____
TOTAL PROJECTED RETURNS				\$ 327.20	\$ _____
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*SD COTTON-UPLAND	20.00	LB.	0.30	6.00	_____
FERT (N) APPL'D	40.00	LB.	0.27	10.80	_____
FERT (P) APPL'D	20.00	LB.	0.25	5.00	_____
*HERBICIDE	1.00	ACRE	6.00	6.00	_____
HAIL INSURANCE	125.00	DOL.	0.15	18.75	_____
IRRIGATION WATER	12.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		11.99	_____
EQUIPMENT		ACRE		2.16	_____
IRRIGATION		ACRE		35.40	_____
REPAIRS-----TRACTOR		ACRE		3.31	_____
EQUIPMENT		ACRE		2.63	_____
IRRIGATION		ACRE		5.52	_____
LABOR-----MACHINERY	1.90	HOUR	5.50	10.45	_____
IRRIGATION	1.20	HOUR	5.50	6.60	_____
EQUIPMENT	0.98	HOUR	5.50	5.39	_____
OTHER	3.00	HOUR	5.50	16.50	_____
OPERATING CAPITAL	49.17	DOL.	0.120	5.90	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 152.40	\$ _____
HARVEST COSTS					
GIN,BAG, TIES	18.00	CWT.	1.75	31.50	_____
CUSTOM HARV&HAUL	18.00	CWT.	1.25	22.50	_____
SUBTOTAL, HARVEST		ACRE		\$ 54.00	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 206.40	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.25/LB.	COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 120.80	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		21.89	_____
EQUIPMENT		ACRE		11.21	_____
LAND---NET SHARE-RENT		ACRE		63.61	_____
IRRIG. EQUIP.	12.00	ACIN	1.06	12.72	_____
TOTAL FIXED COSTS		ACRE		\$ 109.43	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 315.82	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.52/LB.	COTTON LINT	
6. NET PROJECTED RETURNS		ACRE		\$ 11.38	\$ _____

LAND CHARGE BASED ON 1/4 OF GROSS INCOME LESS 1/4 OF FERTILIZER, GINNING & 50% OF IRRIG FIXED COSTS. 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, FURROW IRRIGATED (NATURAL GAS)
TEXAS HIGH 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 4R	2,57	DEC	1.00	0.277	0.210	2.42	1.52	0.0	3.90	7.85
TANDEM DISC	1,41	DEC	1.00	0.146	0.110	1.62	0.80	0.0	2.83	5.24
MOLDBOARD 6B	1,47	JAN	0.50	0.189	0.143	2.09	1.04	0.0	3.91	7.04
PACKER	53	JAN	0.50	0.0	0.103	0.02	0.0	0.0	0.05	0.06
CHISEL	1,44	JAN	0.50	0.066	0.050	0.75	0.36	0.0	1.20	2.31
TANDEM DISC	1,41	FEB	1.00	0.146	0.110	1.62	0.80	0.0	2.83	5.24
HERB SPR/DISC	61	MAR	1.00	0.0	0.158	0.01	0.0	6.00	0.15	6.17
TANDEM DISC	1,41	MAR	1.00	0.146	0.110	1.62	0.80	0.0	2.83	5.24
LISTER 8R	1,55	APR	1.00	0.114	0.086	1.17	0.63	0.0	1.83	3.63
ROLLING CULT	3,31	MAY	1.00	0.146	0.111	1.15	0.80	0.0	2.02	3.98
BED PLANTER8R	2,39	MAY	1.50	0.227	0.172	2.27	1.25	6.00	3.68	13.21
SAND FIGHTER	5,51	JUNE	2.00	0.151	0.115	0.52	0.83	0.0	1.21	2.56
ROLLING CULT	3,31	JUNE	2.00	0.292	0.222	2.31	1.61	0.0	4.03	7.95
TOTALS				1.900	1.700	17.57	10.45	12.00	30.46	70.48

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	7.00	0.700	0.0	23.87	3.85	0.0	7.42	35.14
WATER APPLICATION	JULY	5.00	0.500	0.0	17.05	2.75	0.0	5.30	25.10
TOTALS		12.00	1.200	0.0	40.92	6.60	0.0	12.72	60.24

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.					
	320.00	-9.07	4.13	17.33	30.53	43.73
	360.00	7.56	22.41	37.26	52.11	66.96
	400.00	24.19	40.69	57.19	73.69	90.19
	440.00	40.82	58.97	77.12	95.27	113.42
	480.00	57.44	77.24	97.04	116.84	136.64

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

FORAGE SORGHUM, DRYLAND, TEXAS HIGH PLAINS II REGION
 1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR
			\$/UNIT	VALUE	ESTIMATE
1. GROSS RECEIPTS					
GRAZING	100.00	LB.	0.40	40.00	
TOTAL PROJECTED RETURNS				\$ 40.00	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*FORAGE SORG SEED	5.00	LB.	0.60	3.00	
FUEL & LUBE--TRACTOR		ACRE		4.37	
EQUIPMENT		ACRE		1.08	
REPAIRS-----TRACTOR		ACRE		1.48	
EQUIPMENT		ACRE		1.30	
LABOR-----MACHINERY	0.76	HOUR	5.50	4.18	
EQUIPMENT	0.49	HOUR	5.50	2.69	
OPERATING CAPITAL	2.73	DOL.	0.120	0.33	
SUBTOTAL, PREHARVEST		ACRE		\$ 18.42	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$
TOTAL VARIABLE COSTS		ACRE		\$ 18.42	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.18/LB.	GRAZING	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 21.58	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		7.68	
EQUIPMENT		ACRE		4.60	
LAND---NET SHARE-RENT		ACRE		13.20	
TOTAL FIXED COSTS		ACRE		\$ 25.48	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 43.90	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.44/LB.	GRAZING	
6. NET PROJECTED RETURNS		ACRE		\$ -3.90	\$

LAND CHARGE BASED ON 33% OF GROSS INCOME.

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.