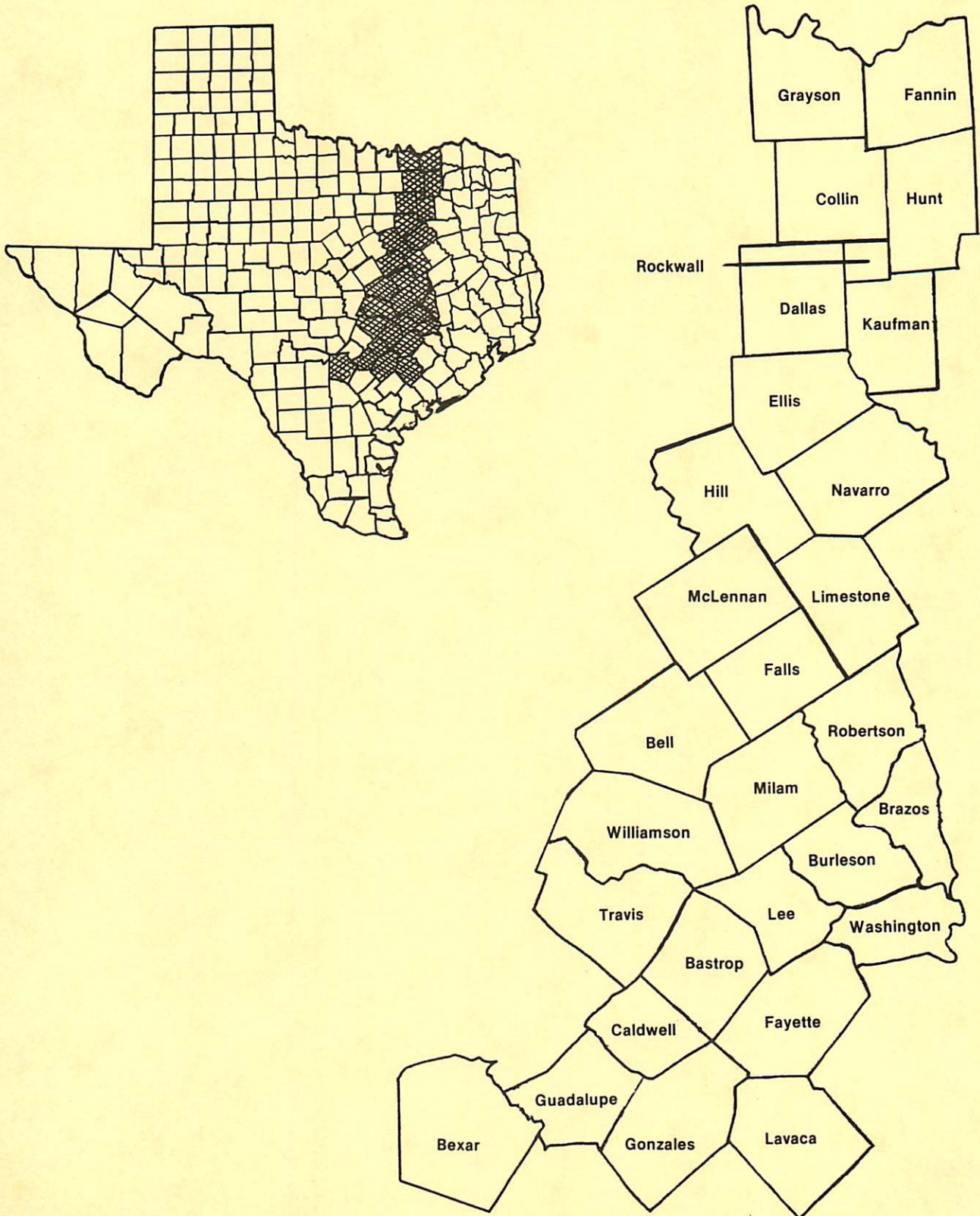


TEXAS BLACKLANDS

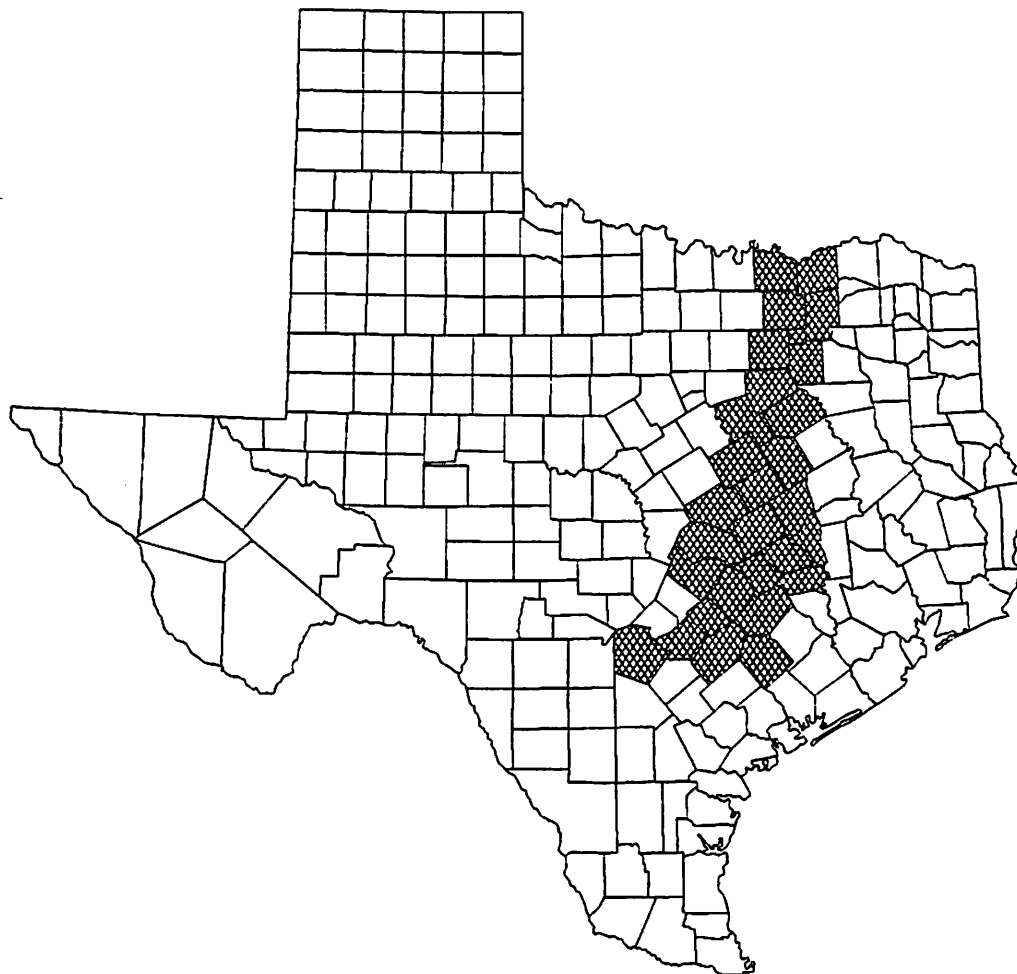
SOIL RESOURCE AREA 15



TEXAS CROP ENTERPRISE BUDGETS

TEXAS BLACKLANDS REGION

Projected for 1984



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COASTAL BERMUDAGRASS ESTABLISHMENT, DRYLAND
 TEXAS BLACKLAND REGION
 1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
COASTAL HAY	2.00	TON	55.00	110.00	
TOTAL PROJECTED RETURNS				\$ 110.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*NITROGEN	100.00	LB.	0.23	23.00	
*PHOSPHORUS	60.00	LB.	0.26	15.60	
FERTILIZER APPLI	2.00	ACRE	2.75	5.50	
CUSTOM SPRIGGING	1.00	ACRE	34.00	34.00	
*2-4-D	1.00	QT.	2.67	2.67	
FUEL & LUBE--TRACTOR		ACRE		5.10	
EQUIPMENT		ACRE		1.39	
REPAIRS-----TRACTOR		ACRE		1.15	
EQUIPMENT		ACRE		1.84	
LABOR-----MACHINERY	0.96	HOURL	4.50	4.33	
EQUIPMENT	0.63	HOURL	4.00	2.52	
OPERATING CAPITAL	50.46	DOL.	0.077	3.88	
SUBTOTAL, PREHARVEST		ACRE		\$ 100.98	\$
HARVEST COSTS					
CUSTOM BALING	66.00	BALE	0.65	42.90	
CUSTOM BALE HAUL	66.00	BALE	0.36	23.76	
SUBTOTAL, HARVEST		ACRE		\$ 66.66	\$
TOTAL VARIABLE COSTS		ACRE		\$ 167.64	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 83.82/TON	COASTAL HAY	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -57.64	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		10.13	
EQUIPMENT		ACRE		4.85	
LAND-CASH RENT	1.00	ACRE	8.00	8.00	
TOTAL FIXED COSTS		ACRE		\$ 22.97	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 190.61	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 95.31/TON	COASTAL HAY	
6. NET PROJECTED RETURNS		ACRE		\$ -80.61	\$

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.

COASTAL BERMUDAGRASS ESTABLISHMENT, DRYLAND
TEXAS BLACKLAND 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	3,44	OCT	1.00	0.283	0.214	2.12	1.27	0.0	4.32	7.71
CHISEL	2,31	OCT	1.00	0.159	0.121	1.48	0.72	0.0	2.59	4.79
DISK	2,35	NOV	1.00	0.153	0.116	1.62	0.69	0.0	2.59	4.90
DISK	2,35	JAN	1.00	0.153	0.116	1.62	0.69	0.0	2.59	4.90
HERBICIDE APPL.	5,39	APR	1.00	0.214	0.162	0.98	0.96	2.67	1.39	6.00
TOTALS				0.963	0.730	7.82	4.33	2.67	13.47	28.29

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 HAY (DOLLARS)				
		44.00	49.50	55.00	60.50	66.00
QUANTITY OF COASTAL HAY	TON					
	1.60	-83.91	-75.11	-66.31	-57.51	-48.71
	1.80	-81.77	-71.87	-61.97	-52.07	-42.17
	2.00	-79.64	-68.64	-57.64	-46.64	-35.64
	2.20	-77.51	-65.41	-53.31	-41.21	-29.11
	2.40	-75.37	-62.17	-48.97	-35.77	-22.57

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

COASTAL BERMUDAGRASS HAY, DRYLAND
TEXAS BLACKLAND REGION
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
COASTAL HAY	6.00	TON	55.00	330.00	
TOTAL PROJECTED RETURNS				\$ 330.00	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*NITROGEN	280.00	LB.	0.23	64.40	
*PHOSPHORUS	40.00	LB.	0.26	10.40	
FERTILIZER APPLI	3.00	ACRE	2.75	8.25	
*2-4-D	0.33	QT.	2.67	0.88	
*INSECT/COAST HL.	0.33	APPL	3.48	1.15	
FUEL & LUBE--TRACTOR		ACRE		0.51	
EQUIPMENT		ACRE		1.62	
REPAIRS-----TRACTOR		ACRE		0.11	
EQUIPMENT		ACRE		0.80	
LABOR-----MACHINERY	0.24	HOUR	4.50	1.07	
EQUIPMENT	0.73	HOUR	4.00	2.94	
OPERATING CAPITAL	6.57	DOL.	0.077	0.51	
SUBTOTAL, PREHARVEST		ACRE		\$ 92.64	\$
HARVEST COSTS					
CUSTOM BALING	200.00	BALE	0.65	130.00	
CUSTOM BALE HAUL	200.00	BALE	0.36	72.00	
SUBTOTAL, HARVEST		ACRE		\$ 202.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 294.64	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 49.11/TON	COASTAL HAY	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 35.36	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		1.10	
EQUIPMENT		ACRE		2.10	
LAND-CASH RENT	1.00	ACRE	10.00	10.00	
PRORATED ESTABL.	80.61	DOL.	0.15	12.09	
TOTAL FIXED COSTS		ACRE		\$ 25.30	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 319.94	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 53.32/TON	COASTAL HAY	
6. NET PROJECTED RETURNS		ACRE		\$ 10.06	\$

ESTABLISHMENT COST PRORATED OVER 15 YEARS.

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COASTAL BERMUDAGRASS HAY, DRYLAND
 TEXAS BLACKLAND 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
HERBICIDE APPL.	5,39	APR	0.33	0.071	0.053	0.32	0.32	0.88	0.46	1.98
SPRAYER	5,48	SEPT	1.00	0.168	0.127	0.79	0.75	1.15	0.99	3.69
TOTALS				0.238	0.180	1.11	1.07	2.03	1.45	5.67

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 HAY (DOLLARS)				
		44.00	49.50	55.00	60.50	66.00
QUANTITY OF COASTAL HAY	TON					
	4.80	-43.04	-16.64	9.76	36.16	62.56
	5.40	-36.84	-7.14	22.56	52.26	81.96
	6.00	-30.64	2.36	35.36	68.36	101.36
	6.60	-24.44	11.86	48.16	84.46	120.76
	7.20	-18.24	21.36	60.96	100.56	140.16

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

COASTAL BERMUDAGRASS PASTURE, DRYLAND
 TEXAS BLACKLAND REGION
 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					
*NITROGEN	100.00	LB.	0.23	23.00	
*PHOSPHORUS	40.00	LB.	0.26	10.40	
FERTILIZER APPLI	2.00	ACRE	2.75	5.50	
*2-4-D	0.33	QT.	2.67	0.88	
*INSECT/COAST HL.	0.33	APPL	3.48	1.15	
FUEL & LUBE---TRACTOR		ACRE		0.51	
EQUIPMENT		ACRE		1.39	
REPAIRS-----TRACTOR		ACRE		0.11	
EQUIPMENT		ACRE		0.76	
LABOR-----MACHINERY	0.24	HOUR	4.50	1.07	
EQUIPMENT	0.63	HOUR	4.00	2.52	
OPERATING CAPITAL	19.26	DOL.	0.077	1.48	
SUBTOTAL, PREHARVEST		ACRE	\$	48.77	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE	\$	0.0	\$
TOTAL VARIABLE COSTS		ACRE	\$	48.77	\$
3. INCOME ABOVE VARIABLE COSTS		ACRE	\$	-48.77	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		1.10	
EQUIPMENT		ACRE		1.85	
LAND-CASH RENT	1.00	ACRE	10.00	10.00	
PRORATED ESTABL.	80.61	DOL.	0.15	12.09	
TOTAL FIXED COSTS		ACRE	\$	25.05	\$
5. TOTAL PROJECTED COSTS		ACRE	\$	73.82	\$
6. NET PROJECTED RETURNS		ACRE	\$	-73.82	\$

ESTABLISHMENT COST PRORATED OVER 15 YEARS.

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COASTAL BERMUDAGRASS PASTURE, DRYLAND
TEXAS BLACKLAND 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
HERBICIDE APPL.	5,39	APR	0.33	0.071	0.053	0.32	0.32	0.88	0.46	1.98
SPRAYER	5,48	SEPT	1.00	0.168	0.127	0.79	0.75	1.15	0.99	3.69
TOTALS				0.238	0.180	1.11	1.07	2.03	1.45	5.67

CORN, DRYLAND, TEXAS BLACKLAND REGION
 1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
CORN	70.00	BU.	2.95	206.50	
DEFICIENCY PMT.	70.00	BU.	0.48	33.60	
TOTAL PROJECTED RETURNS				\$ 240.10	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*SEED	12.50	LB.	1.25	15.63	
*NITROGEN	110.00	LB.	0.23	25.30	
*PHOSPHORUS	40.00	LB.	0.26	10.40	
*FURADAN	2.00	PINT	5.55	11.10	
*ATRAZINE	1.25	LB.	2.55	3.19	
*LASSO	1.00	QT.	4.88	4.88	
HAND HOEING	1.00	ACRE	5.00	5.00	
FUEL & LUBE---TRACTOR		ACRE		12.55	
REPAIRS-----TRACTOR		ACRE		3.23	
EQUIPMENT		ACRE		3.23	
LABOR-----MACHINERY	2.01	HOURL	4.50	9.06	
OPERATING CAPITAL	27.34	DOL.	0.077	2.10	
SUBTOTAL, PREHARVEST		ACRE		\$ 105.67	\$
HARVEST COSTS					
CUSTOM HARVEST	1.00	ACRE	15.00	15.00	
HAUL CORN	70.00	BU.	0.14	9.80	
SUBTOTAL, HARVEST		ACRE		\$ 24.80	\$
TOTAL VARIABLE COSTS		ACRE		\$ 130.47	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 1.38/BU.	CORN	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 109.63	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		19.46	
EQUIPMENT		ACRE		10.43	
LAND---NET SHARE-RENT		ACRE		55.60	
TOTAL FIXED COSTS		ACRE		\$ 85.50	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 215.97	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 2.61/BU.	CORN	
6. NET PROJECTED RETURNS		ACRE		\$ 24.13	\$

LAND RENT BASED ON 33% OF GROSS INCOME LESS 33% OF FERTILIZER,
 INSECTICIDE, HARVEST & HAUL. MARKET PRICE BASED ON LOAN RATE.
 DEFICIENCY PAYMENT BASED ON COMPLIANCE WITH FARM SET ASIDE.

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CORN, DRYLAND, TEXAS BLACKLAND 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	3,44	AUG	1.00	0.283	0.214	2.12	1.27	0.0	4.32	7.71
DISK	1,35	AUG	1.00	0.153	0.116	1.94	0.69	0.0	2.14	4.77
CHISEL	1,31	AUG	1.00	0.159	0.121	1.81	0.72	0.0	2.13	4.66
DISK	1,35	OCT	1.00	0.153	0.116	1.94	0.69	0.0	2.14	4.77
LISTER/BEDDER	1,41	NOV	0.50	0.080	0.060	0.87	0.36	0.0	1.11	2.34
LISTER/BEDDER	3,41	NOV	0.50	0.080	0.060	0.58	0.36	0.0	1.32	2.25
LISTER/BEDDER	1,41	JAN	1.00	0.159	0.121	1.75	0.72	0.0	2.22	4.68
FERT. APPL.	37	JAN	1.00	0.0	0.138	0.30	0.0	19.60	0.73	20.63
LISTER/BEDDER	1,41	FEB	0.50	0.080	0.060	0.87	0.36	0.0	1.11	2.34
LISTER/BEDDER	3,41	FEB	0.50	0.080	0.060	0.58	0.36	0.0	1.32	2.25
FERT. APPL.	37	MAR	1.00	0.0	0.138	0.30	0.0	16.10	0.73	17.13
PLANTER	3,43	MAR	1.00	0.212	0.161	1.95	0.96	26.72	3.76	33.39
ROLLER	5,55	MAR	1.00	0.119	0.090	0.33	0.54	0.0	0.81	1.67
SPRAYER	5,48	MAR	1.00	0.168	0.127	0.79	0.75	8.07	0.99	10.61
CULTIVATOR	1,33	MAR	1.00	0.143	0.109	1.59	0.64	0.0	2.44	4.67
CULTIVATOR	1,33	APR	0.50	0.072	0.054	0.79	0.32	0.0	1.22	2.34
CULTIVATOR	3,33	APR	0.50	0.072	0.054	0.53	0.32	0.0	1.41	2.26
TOTALS				2.013	1.800	19.01	9.06	70.49	29.90	128.46

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.					
	56.00	1.03	12.10	23.17	34.24	45.30
	63.00	13.69	26.15	38.60	51.05	63.50
	70.00	26.36	40.19	54.03	67.86	81.70
	77.00	39.02	54.24	69.46	84.68	99.90
	84.00	51.68	68.29	84.89	101.49	118.09

COTTON, DRYLAND, TEXAS BLACKLAND 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	0.33	TON	110.00	36.30	_____
DEFICIENCY PMT.	400.00	LB.	0.18	72.00	_____
TOTAL PROJECTED RETURNS				\$ 328.30	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SEED	20.00	LB.	0.51	10.20	_____
*NITROGEN	40.00	LB.	0.23	9.20	_____
*PHOSPHORUS	40.00	LB.	0.26	10.40	_____
*TREFLAN	1.00	QT.	6.25	6.25	_____
*CAPAROL	1.00	LB.	5.00	5.00	_____
*BIDRIN	0.40	LB.	6.90	2.76	_____
*GUTHION	1.00	PINT	2.40	2.40	_____
DIPEL	0.50	LB.	7.35	3.68	_____
IMIDAN	0.50	LB.	2.60	1.30	_____
INSECT. APPLI.	1.00	APPL	2.75	2.75	_____
HAND HOEING	1.00	ACRE	10.00	10.00	_____
FUEL & LUBE--TRACTOR		ACRE		16.57	_____
REPAIRS-----TRACTOR		ACRE		4.22	_____
EQUIPMENT		ACRE		5.24	_____
LABOR-----MACHINERY	3.07	HOUR	4.50	13.83	_____
OPERATING CAPITAL	28.43	DOL.	0.077	2.19	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 105.99	\$ _____
HARVEST COSTS					
*DESICCANT	0.75	GAL.	10.50	7.88	_____
STRIP & HAUL	18.00	CWT.	1.55	27.90	_____
GIN, BAG, TIES	18.00	CWT.	2.25	40.50	_____
FUEL & LUBE--TRACTOR		ACRE		0.36	_____
REPAIRS-----TRACTOR		ACRE		0.08	_____
EQUIPMENT		ACRE		0.35	_____
LABOR-----MACHINERY	0.17	HOUR	4.50	0.75	_____
SUBTOTAL, HARVEST		ACRE		\$ 77.82	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 183.81	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.19/LB.	COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 144.49	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		27.18	_____
EQUIPMENT		ACRE		13.00	_____
LAND---NET SHARE-RENT		ACRE		63.83	_____
TOTAL FIXED COSTS		ACRE		\$ 104.00	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 287.81	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.45/LB.	COTTON LINT	
6. NET PROJECTED RETURNS		ACRE		\$ 40.49	\$ _____

LAND RENT IS BASED ON 25% OF GROSS INCOME LESS 25% OF FERTILIZER.
MARKET PRICE BASED ON LOAN RATE. DEFICIENCY PAYMENT BASED ON
COMPLIANCE WITH FARM SET ASIDE PROGRAM.

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COTTON, DRYLAND, TEXAS BLACKLAND 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	3,44	SEPT	1.00	0.283	0.214	2.12	1.27	0.0	4.32	7.71
DISK	1,35	SEPT	1.00	0.153	0.116	1.94	0.69	0.0	2.14	4.77
CHISEL	1,31	SEPT	1.00	0.159	0.121	1.81	0.72	0.0	2.13	4.66
DISK	1,35	OCT	1.00	0.153	0.116	1.94	0.69	0.0	2.14	4.77
DISK	1,35	DEC	2.00	0.307	0.233	3.87	1.38	6.25	4.29	15.79
SPRAYER	5,48	DEC	1.00	0.168	0.127	0.79	0.75	0.0	0.99	2.54
LISTER/BEDDER	1,41	JAN	1.00	0.159	0.121	1.75	0.72	0.0	2.22	4.68
FERT. APPL.	37	JAN	1.00	0.0	0.138	0.30	0.0	19.60	0.73	20.63
LISTER/BEDDER	1,41	MAR	0.50	0.080	0.060	0.87	0.36	0.0	1.11	2.34
LISTER/BEDDER	3,41	MAR	0.50	0.080	0.060	0.58	0.36	0.0	1.32	2.25
PLANTER	3,43	APR	1.30	0.276	0.209	2.53	1.24	10.20	4.89	18.87
ROLLER	5,55	APR	1.30	0.155	0.118	0.42	0.70	0.0	1.05	2.17
CULTIVATOR	1,33	APR	0.50	0.072	0.054	0.79	0.32	0.0	1.22	2.34
CULTIVATOR	3,33	APR	0.50	0.072	0.054	0.53	0.32	0.0	1.41	2.26
SPRAYER	5,48	APR	3.00	0.503	0.381	2.37	2.26	7.76	2.98	15.37
CULTIVATOR	1,33	MAY	1.00	0.143	0.109	1.59	0.64	0.0	2.44	4.67
CULTIVATOR	3,33	MAY	1.00	0.143	0.109	1.06	0.64	0.0	2.81	4.51
SPRAYER	5,48	MAY	1.00	0.168	0.127	0.79	0.75	2.40	0.99	4.94
SPRAYER	5,48	AUG	1.00	0.168	0.127	0.79	0.75	7.88	0.99	10.41
TOTALS				3.241	2.593	26.83	14.58	54.08	40.17	135.67

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	18.25	31.45	44.65	57.85	71.05
	360.00	32.96	47.81	62.66	77.51	92.36
	400.00	47.66	64.16	80.66	97.16	113.66
	440.00	62.37	80.52	98.67	116.82	134.97
	480.00	77.08	96.88	116.68	136.48	156.28

SORGHUM, DRYLAND, TEXAS BLACKLAND REGION
 1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
SORGHUM	38.00	CWT.	4.80	182.40	_____
DEFICIENCY PMT.	38.00	CWT.	0.82	31.16	_____
TOTAL PROJECTED RETURNS				\$ 213.56	\$ _____
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*SEED	7.00	LB.	0.95	6.65	_____
*NITROGEN	80.00	LB.	0.23	18.40	_____
*PHOSPHORUS	40.00	LB.	0.26	10.40	_____
*MILOGARD	1.00	LB.	3.60	3.60	_____
*DIMETHIOATE	0.50	PINT	2.06	1.03	_____
ETHYL PARATHION	1.00	LB.	2.25	2.25	_____
HAND HOEING	1.00	ACRE	5.00	5.00	_____
INSECT. APPLI.	0.60	APPL	2.75	1.65	_____
FUEL & LUBE--TRACTOR		ACRE		13.61	_____
REPAIRS-----TRACTOR		ACRE		3.56	_____
EQUIPMENT		ACRE		3.34	_____
LABOR-----MACHINERY	2.21	HOOR	4.50	9.96	_____
OPERATING CAPITAL	21.05	DOL.	0.077	1.62	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 81.08	\$ _____
HARVEST COSTS					
CUSTOM HARVEST	38.00	CWT.	0.45	17.10	_____
HAULING	38.00	CWT.	0.20	7.60	_____
SUBTOTAL, HARVEST		ACRE		\$ 24.70	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 105.78	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 1.96/CWT.	SORGHUM	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 107.78	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		20.00	_____
EQUIPMENT		ACRE		10.07	_____
LAND---NET SHARE-RENT		ACRE		51.19	_____
TOTAL FIXED COSTS		ACRE		\$ 81.26	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 187.04	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 4.10/CWT.	SORGHUM	
6. NET PROJECTED RETURNS		ACRE		\$ 26.52	\$ _____

LAND RENT BASED ON 33% OF GROSS INCOME LESS 33% OF FERTILIZER,
 INSECTICIDE, HARVEST & HAUL. MARKET PRICE BASED ON LOAN RATE.
 DEFICIENCY PAYMENT BASED ON COMPLIANCE WITH FARM SET ASIDE.

INFORMATION PRESENTED IS PREPARED SOLELY AS A GENERAL GUIDE AND IS
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 EXTENSION SERVICE AND APPROVED FOR PUBLICATION.

SORGHUM, DRYLAND, TEXAS BLACKLAND 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	1,44	AUG	1.00	0.283	0.214	3.17	1.27	0.0	3.58	8.02
DISK	1,35	AUG	1.00	0.153	0.116	1.94	0.69	0.0	2.14	4.77
CHISEL	1,31	AUG	1.00	0.159	0.121	1.81	0.72	0.0	2.13	4.66
DISK	1,35	DCT	1.00	0.153	0.116	1.94	0.69	0.0	2.14	4.77
LISTER/BEDDER	1,41	NOV	0.50	0.080	0.060	0.87	0.36	0.0	1.11	2.34
LISTER/BEDDER	3,41	NOV	0.50	0.080	0.060	0.58	0.36	0.0	1.32	2.25
LISTER/BEDDER	1,41	JAN	1.00	0.159	0.121	1.75	0.72	28.80	2.22	33.48
FERT. APPL.	37	JAN	1.00	0.0	0.138	0.30	0.0	0.0	0.73	1.03
LISTER/BEDDER	1,41	MAR	0.50	0.080	0.060	0.87	0.36	0.0	1.11	2.34
LISTER/BEDDER	3,41	MAR	0.50	0.080	0.060	0.58	0.36	0.0	1.32	2.25
PLANTER	3,43	MAR	1.10	0.234	0.177	2.14	1.05	6.65	4.14	13.98
SPRAYER	5,48	MAR	2.00	0.335	0.254	1.58	1.51	4.63	1.99	9.71
ROLLER	5,55	MAR	1.10	0.131	0.100	0.36	0.59	0.0	0.89	1.84
CULTIVATOR	1,33	APR	0.50	0.072	0.054	0.79	0.32	0.0	1.22	2.34
CULTIVATOR	3,33	APR	0.50	0.072	0.054	0.53	0.32	0.0	1.41	2.26
CULTIVATOR	1,33	MAY	0.50	0.072	0.054	0.79	0.32	0.0	1.22	2.34
CULTIVATOR	3,33	MAY	0.50	0.072	0.054	0.53	0.32	0.0	1.41	2.26
TOTALS				2.213	1.815	20.52	9.96	40.08	30.07	100.62

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 SORGHUM (DOLLARS)				
		3.84	4.32	4.80	5.28	5.76
QUANTITY OF SORGHUM	CWT.					
	30.40	11.73	21.51	31.28	41.06	50.84
	34.20	21.94	32.94	43.94	54.93	65.93
	38.00	32.15	44.37	56.59	68.81	81.03
	41.80	42.36	55.80	69.24	82.69	96.13
	45.60	52.57	67.23	81.90	96.56	111.23

KLEINGRASS ESTABLISHMENT, DRYLAND
 TEXAS BLACKLAND REGION
 1984 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	INPUT USE				
PREHARVEST COSTS					
*KLEINGRASS SEED	2.00	LB.	5.50	11.00	_____
*NITROGEN	90.00	LB.	0.23	20.70	_____
*PHOSPHORUS	40.00	LB.	0.26	10.40	_____
FERTILIZER APPLI	2.00	ACRE	2.75	5.50	_____
*2-4-D	1.00	QT.	2.67	2.67	_____
FUEL & LUBE--TRACTOR		ACRE		4.64	_____
EQUIPMENT		ACRE		0.93	_____
REPAIRS-----TRACTOR		ACRE		1.03	_____
EQUIPMENT		ACRE		1.56	_____
LABOR-----MACHINERY	0.90	HOURL	4.50	4.04	_____
EQUIPMENT	0.42	HOURL	4.00	1.68	_____
OPERATING CAPITAL	26.84	DOL.	0.077	2.06	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 66.21	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 66.21	\$ _____
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -66.21	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		8.44	_____
EQUIPMENT		ACRE		3.99	_____
LAND-CASH RENT	1.00	ACRE	8.00	8.00	_____
TOTAL FIXED COSTS		ACRE		\$ 20.43	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 86.64	\$ _____
6. NET PROJECTED RETURNS		ACRE		\$ -86.64	\$ _____

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PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 01/16/84.

B-1241(C15)

KLEINGRASS ESTABLISHMENT, DRYLAND
TEXAS BLACKLAND 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	2,31	NOV	1.00	0.159	0.121	1.48	0.72	0.0	2.59	4.79
DISK	2,35	DEC	1.00	0.153	0.116	1.62	0.69	0.0	2.59	4.90
DISK	2,35	APR	1.00	0.153	0.116	1.62	0.69	11.00	2.59	15.90
ROLLER	5,55	APR	1.00	0.119	0.090	0.33	0.54	0.0	0.81	1.67
HERBICIDE APPL.	4,38	MAY	1.00	0.313	0.237	2.00	1.41	2.67	2.86	8.93
TOTALS				0.898	0.680	7.05	4.04	13.67	11.43	36.19

KLEINGRASS HAY, DRYLAND
 TEXAS BLACKLAND REGION
 1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
HAY	5.00	TON	55.00	275.00	
TOTAL PROJECTED RETURNS				\$ 275.00	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*NITROGEN	180.00	LB.	0.23	41.40	
*PHOSPHORUS	60.00	LB.	0.26	15.60	
FERTILIZER APPLI	3.00	ACRE	2.75	8.25	
*2-4-D	0.33	QT.	2.67	0.88	
FUEL & LUBE--TRACTOR		ACRE		0.41	
EQUIPMENT		ACRE		1.39	
REPAIRS-----TRACTOR		ACRE		0.09	
EQUIPMENT		ACRE		0.42	
LABOR-----MACHINERY	0.10	HOURL	4.50	0.46	
EQUIPMENT	0.63	HOURL	4.00	2.52	
OPERATING CAPITAL	3.86	DOL.	0.077	0.30	
SUBTOTAL, PREHARVEST		ACRE		\$ 71.72	\$
HARVEST COSTS					
CUSTOM BALING	166.00	BALE	0.65	107.90	
CUSTOM BALE HAUL	166.00	BALE	0.36	59.76	
SUBTOTAL, HARVEST		ACRE		\$ 167.66	\$
TOTAL VARIABLE COSTS		ACRE		\$ 239.38	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 47.88/TON	HAY	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 35.62	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.71	
EQUIPMENT		ACRE		1.74	
LAND-CASH RENT	1.00	ACRE	10.00	10.00	
PRORATED ESTABL.	86.64	DOL.	0.15	13.00	
TOTAL FIXED COSTS		ACRE		\$ 25.44	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 264.83	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 52.97/TON	HAY	
6. NET PROJECTED RETURNS		ACRE		\$ 10.17	\$

LAND RENT BASED ON RENTAL RATES IN REGION.
 ESTABLISHMENT COST PRORATED OVER 15 YEARS.

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KLEINGRASS HAY, DRYLAND
TEXAS BLACKLAND 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
HERBICIDE APPL.	4,38	APR	0.33	0.103	0.078	0.66	0.46	0.88	0.94	2.95
TOTALS				0.103	0.078	0.66	0.46	0.88	0.94	2.95

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 HAY (DOLLARS)				
		44.00	49.50	55.00	60.50	66.00
QUANTITY OF HAY	TON					
	4.00	-29.85	-7.85	14.15	36.15	58.15
	4.50	-24.62	0.13	24.88	49.63	74.38
	5.00	-19.38	8.12	35.62	63.12	90.62
	5.50	-14.15	16.10	46.35	76.60	106.85
	6.00	-8.92	24.08	57.08	90.08	123.08

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