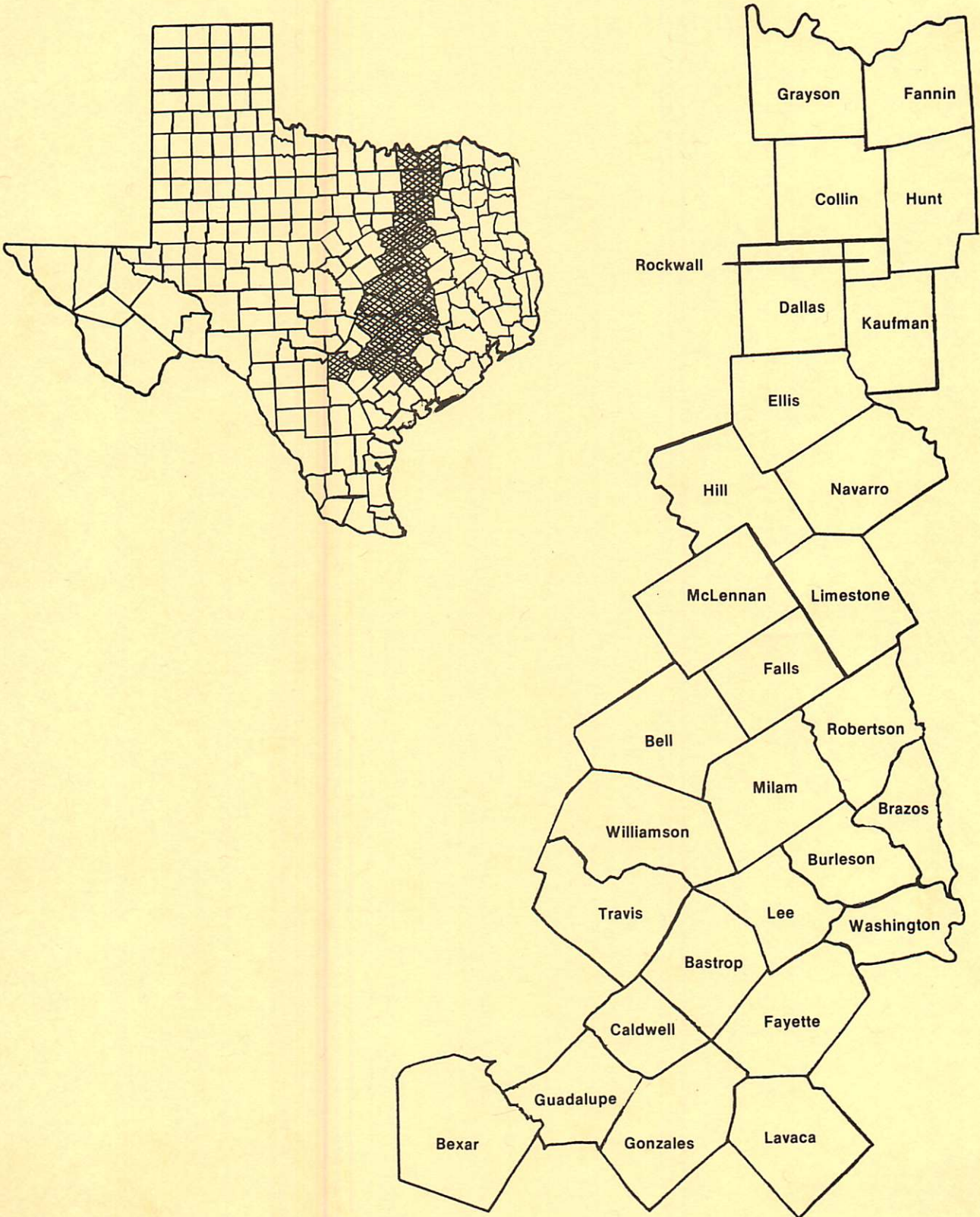


TEXAS BLACKLANDS

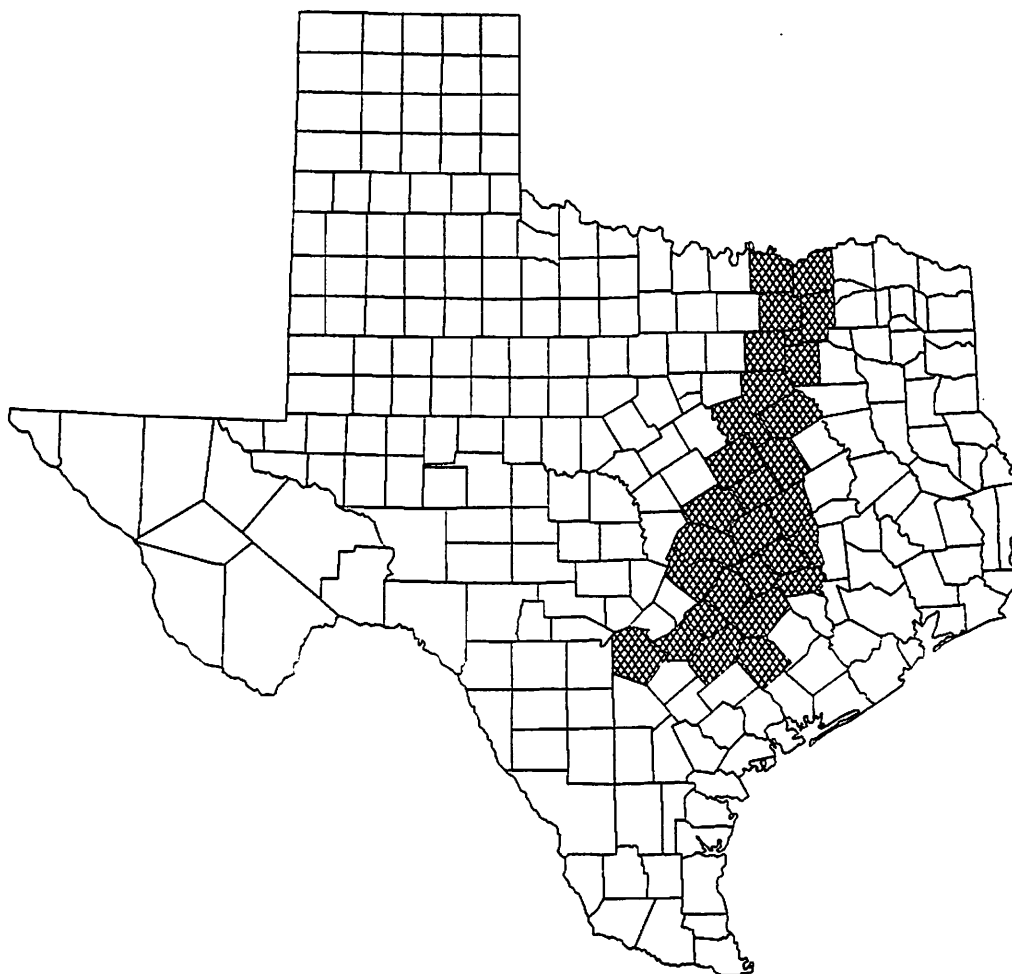
SOIL RESOURCE AREA 15



TEXAS CROP ENTERPRISE BUDGETS

TEXAS BLACKLANDS REGION

Projected for 1985



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COASTAL BERMUDAGRASS ESTABLISHMENT, DRYLAND
TEXAS BLACKLAND REGION
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
COASTAL HAY	2.00	TON	75.00	150.00	_____
TOTAL PROJECTED RETURNS				\$ 150.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*NITROGEN	100.00	LB.	0.22	22.00	_____
*PHOSPHORUS	60.00	LB.	0.24	14.40	_____
FERTILIZER APPLI	2.00	ACRE	2.75	5.50	_____
CUSTOM SPRIGGING	1.00	ACRE	40.00	40.00	_____
*2-4-D	1.00	QT.	2.25	2.25	_____
FUEL & LUBE--TRACTOR		ACRE		4.90	_____
EQUIPMENT		ACRE		1.52	_____
REPAIRS-----TRACTOR		ACRE		1.23	_____
EQUIPMENT		ACRE		1.95	_____
LABOR-----MACHINERY	0.96	HOUR	4.50	4.33	_____
EQUIPMENT	0.63	HOUR	4.00	2.52	_____
OPERATING CAPITAL	49.75	DOL.	0.077	3.83	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 104.43	\$ _____
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		\$ 171.09	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 85.54/TON	COASTAL HAY	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -21.09	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		10.82	_____
EQUIPMENT		ACRE		5.17	_____
LAND-CASH RENT	1.00	ACRE	8.00	8.00	_____
TOTAL FIXED COSTS		ACRE		\$ 24.00	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 195.08	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 97.54/TON	COASTAL HAY	
6. NET PROJECTED RETURNS		ACRE		\$ -45.08	\$ _____

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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COASTAL BERMUDAGRASS ESTABLISHMENT, DRYLAND
 TEXAS BLACKLAND 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	3,44	OCT	1.00	0.283	0.214	2.09	1.27	0.0	4.52	7.88
CHISEL	2,31	OCT	1.00	0.159	0.121	1.47	0.72	0.0	2.79	4.98
DISK	2,35	NOV	1.00	0.153	0.116	1.62	0.69	0.0	2.79	5.10
DISK	2,35	JAN	1.00	0.153	0.116	1.62	0.69	0.0	2.79	5.10
HERBICIDE APPL.	5,39	APR	1.00	0.214	0.162	1.00	0.96	2.25	1.45	5.66
TOTALS				0.963	0.730	7.79	4.33	2.25	14.34	28.71

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)				
		60.00	67.50	75.00	82.50	90.00
QUANTITY OF COASTAL HAY	TON					
	1.60	-61.76	-49.76	-37.76	-25.76	-13.76
	1.80	-56.42	-42.92	-29.42	-15.92	-2.42
	2.00	-51.09	-36.09	-21.09	-6.09	8.91
	2.20	-45.75	-29.25	-12.75	3.75	20.25
	2.40	-40.42	-22.42	-4.42	13.58	31.58

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

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COASTAL BERMUDAGRASS HAY, DRYLAND
 TEXAS BLACKLAND REGION
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
COASTAL HAY	6.00	TON	75.00	450.00	_____
TOTAL PROJECTED RETURNS				\$ 450.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*NITROGEN	280.00	LB.	0.22	61.60	_____
*PHOSPHORUS	40.00	LB.	0.24	9.60	_____
FERTILIZER APPLI	3.00	ACRE	2.75	8.25	_____
*2-4-D	0.33	QT.	2.25	0.74	_____
*SEVIN	0.50	LB.	1.95	0.97	_____
FUEL & LUBE--TRACTOR		ACRE		0.32	_____
EQUIPMENT		ACRE		1.78	_____
REPAIRS-----TRACTOR		ACRE		0.07	_____
EQUIPMENT		ACRE		0.67	_____
LABOR-----MACHINERY	0.15	HOUR	4.50	0.69	_____
EQUIPMENT	0.73	HOUR	4.00	2.94	_____
OPERATING CAPITAL	-25.59	DOL.	0.077	-1.97	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 85.67	\$ _____
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		\$ 287.67	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 47.94/TON	COASTAL HAY	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 162.33	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.74	_____
EQUIPMENT		ACRE		2.19	_____
LAND-CASH RENT	1.00	ACRE	10.00	10.00	_____
PRORATED ESTABL.	45.08	DOL.	0.15	6.76	_____
TOTAL FIXED COSTS		ACRE		\$ 19.69	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 307.36	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 51.23/TON	COASTAL HAY	
6. NET PROJECTED RETURNS		ACRE		\$ 142.64	\$ _____

ESTABLISHMENT COST PRORATED OVER 15 YEARS.

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COASTAL BERMUDAGRASS HAY, DRYLAND
 TEXAS BLACKLAND 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
HERBICIDE APPL.	5,39	APR	0.33	0.071	0.053	0.33	0.32	0.74	0.48	1.87
SPRAYER	5,48	SEPT	0.50	0.084	0.063	0.40	0.38	0.97	0.52	2.27
TOTALS				0.154	0.117	0.73	0.69	1.72	1.00	4.14

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 COASTAL HAY	TON	PRICE OF COASTAL HAY (DOLLARS)				
		60.00	67.50	75.00	82.50	90.00
4.80		40.73	76.73	112.73	148.73	184.73
5.40		56.53	97.03	137.53	178.03	218.53
6.00		72.33	117.33	162.33	207.33	252.33
6.60		88.13	137.63	187.13	236.63	286.13
7.20		103.93	157.93	211.93	265.93	319.93

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COASTAL BERMUDAGRASS PASTURE, DRYLAND
 TEXAS BLACKLAND 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					
*NITROGEN	100.00	LB.	0.22	22.00	_____
*PHOSPHORUS	40.00	LB.	0.24	9.60	_____
FERTILIZER APPLI	2.00	ACRE	2.75	5.50	_____
*2-4-D	0.33	QT.	2.25	0.74	_____
*SEVIN	0.50	LB.	1.95	0.97	_____
FUEL & LUBE--TRACTOR		ACRE		0.32	_____
EQUIPMENT		ACRE		1.52	_____
REPAIRS-----TRACTOR		ACRE		0.07	_____
EQUIPMENT		ACRE		0.62	_____
LABOR-----MACHINERY	0.15	HOUR	4.50	0.69	_____
EQUIPMENT	0.63	HOUR	4.00	2.52	_____
OPERATING CAPITAL	18.33	DOL.	0.077	1.41	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 45.98	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 45.98	\$ _____
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -45.98	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.74	_____
EQUIPMENT		ACRE		1.91	_____
LAND-CASH RENT	1.00	ACRE	10.00	10.00	_____
PRORATED ESTABL.	45.08	DOL.	0.15	6.76	_____
TOTAL FIXED COSTS		ACRE		\$ 19.42	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 65.39	\$ _____
6. NET PROJECTED RETURNS		ACRE		\$ -65.39	\$ _____

ESTABLISHMENT COST PRORATED OVER 15 YEARS.

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COASTAL BERMUDAGRASS PASTURE, DRYLAND
 TEXAS BLACKLAND 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
HERBICIDE APPL.	5,39	APR	0.33	0.071	0.053	0.33	0.32	0.74	0.48	1.87
SPRAYER	5,48	SEPT	0.50	0.084	0.063	0.40	0.38	0.97	0.52	2.27
TOTALS				0.154	0.117	0.73	0.69	1.72	1.00	4.14

CORN, DRYLAND, TEXAS BLACKLAND REGION
1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
CORN	70.00	BU.	2.80	196.00	_____
DEFICIENCY PMT.	70.00	BU.	0.47	32.90	_____
TOTAL PROJECTED RETURNS				\$ 228.90	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SEED	12.50	LB.	1.38	17.25	_____
*NITROGEN	110.00	LB.	0.22	24.20	_____
*PHOSPHORUS	40.00	LB.	0.24	9.60	_____
*FURADAN	6.67	LB.	1.38	9.20	_____
*ATRAZINE	1.25	LB.	2.35	2.94	_____
*LASSO	1.00	QT.	4.88	4.88	_____
HAND HOEING	1.00	ACRE	5.00	5.00	_____
FUEL & LUBE---TRACTOR		ACRE		12.05	_____
REPAIRS-----TRACTOR		ACRE		3.41	_____
EQUIPMENT		ACRE		3.41	_____
LABOR-----MACHINERY	2.01	HOUR	4.50	9.06	_____
OPERATING CAPITAL	27.23	DOL.	0.077	2.09	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 103.09	\$ _____
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		\$ 127.89	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 1.36/BU.	CORN	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 101.01	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		20.46	_____
EQUIPMENT		ACRE		10.91	_____
LAND---NET SHARE-RENT		ACRE		53.16	_____
TOTAL FIXED COSTS		ACRE		\$ 84.53	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 212.43	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 2.56/BU.	CORN	
6. NET PROJECTED RETURNS		ACRE		\$ 16.47	\$ _____

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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 EXTENSION SERVICE AND APPROVED FOR PUBLICATION.

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CORN, DRYLAND, TEXAS BLACKLAND 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	3,44	AUG	1.00	0.283	0.214	2.09	1.27	0.0	4.52	7.88
DISK	1,35	AUG	1.00	0.153	0.116	1.93	0.69	0.0	2.26	4.88
CHISEL	1,31	AUG	1.00	0.159	0.121	1.79	0.72	0.0	2.25	4.75
DISK	1,35	OCT	1.00	0.153	0.116	1.93	0.69	0.0	2.26	4.88
LISTER/BEDDER	1,41	NOV	0.50	0.080	0.060	0.86	0.36	0.0	1.17	2.39
LISTER/BEDDER	3,41	NOV	0.50	0.080	0.060	0.57	0.36	0.0	1.38	2.30
LISTER/BEDDER	1,41	JAN	1.00	0.159	0.121	1.72	0.72	0.0	2.35	4.78
FERT. APPL.	37	JAN	1.00	0.0	0.138	0.32	0.0	18.40	0.73	19.45
LISTER/BEDDER	1,41	FEB	0.50	0.080	0.060	0.86	0.36	0.0	1.17	2.39
LISTER/BEDDER	3,41	FEB	0.50	0.080	0.060	0.57	0.36	0.0	1.38	2.30
FERT. APPL.	37	MAR	1.00	0.0	0.138	0.32	0.0	15.40	0.73	16.45
PLANTER	3,43	MAR	1.00	0.212	0.161	1.94	0.96	26.45	3.94	33.29
ROLLER	5,55	MAR	1.00	0.119	0.090	0.32	0.54	0.0	0.86	1.71
SPRAYER	5,48	MAR	1.00	0.168	0.127	0.80	0.75	7.82	1.03	10.40
CULTIVATOR	1,33	MAR	1.00	0.143	0.109	1.57	0.64	0.0	2.58	4.79
CULTIVATOR	1,33	APR	0.50	0.072	0.054	0.78	0.32	0.0	1.29	2.40
CULTIVATOR	3,33	APR	0.50	0.072	0.054	0.52	0.32	0.0	1.48	2.32
TOTALS				2.013	1.800	18.87	9.06	68.07	31.37	127.37

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 CORN	PRICE OF CORN (DOLLARS)				
	2.24	2.52	2.80	3.08	3.36
56.00	-2.52	7.98	18.49	28.99	39.50
63.00	9.53	21.35	33.17	44.99	56.80
70.00	21.58	34.71	47.85	60.98	74.11
77.00	33.64	48.08	62.53	76.97	91.42
84.00	45.69	61.45	77.21	92.96	108.72

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

COTTON, DRYLAND, TEXAS BLACKLAND REGION
1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
COTTON LINT	400.00	LB.	0.55	220.00	_____
COTTONSEED	0.33	TON	100.00	33.00	_____
DEFICIENCY PMT.	400.00	LB.	0.19	76.00	_____
TOTAL PROJECTED RETURNS				\$ 329.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SEED	20.00	LB.	0.51	10.20	_____
*NITROGEN	40.00	LB.	0.22	8.80	_____
*PHOSPHORUS	40.00	LB.	0.24	9.60	_____
*TREFLAN	1.00	QT.	6.00	6.00	_____
*CAPAROL	1.00	LB.	7.20	7.20	_____
*BIDRIN	0.40	LB.	7.20	2.88	_____
*GUTHION	2.00	PINT	2.45	4.90	_____
PYDRIN	1.00	PINT	14.00	14.00	_____
INSECT. APPLI.	2.00	APPL	2.75	5.50	_____
HAND HOEING	1.00	ACRE	10.00	10.00	_____
FUEL & LUBE--TRACTOR		ACRE		14.19	_____
REPAIRS-----TRACTOR		ACRE		4.04	_____
EQUIPMENT		ACRE		5.16	_____
LABOR-----MACHINERY	2.24	HOUR	4.50	10.06	_____
OPERATING CAPITAL	30.19	DOL.	0.077	2.32	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 114.85	\$ _____
HARVEST COSTS					
*DESICCANT	0.75	GAL.	9.50	7.13	_____
STRIP & HAUL	18.00	CWT.	1.55	27.90	_____
GIN, BAG, TIES	18.00	CWT.	2.25	40.50	_____
FUEL & LUBE--TRACTOR		ACRE		0.34	_____
REPAIRS-----TRACTOR		ACRE		0.08	_____
EQUIPMENT		ACRE		0.37	_____
LABOR-----MACHINERY	0.17	HOUR	4.50	0.75	_____
SUBTOTAL, HARVEST		ACRE		\$ 77.08	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 191.93	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.21/LB.	COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 137.07	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		24.50	_____
EQUIPMENT		ACRE		13.42	_____
LAND---NET SHARE-RENT		ACRE		60.70	_____
TOTAL FIXED COSTS		ACRE		\$ 98.62	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 290.55	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.45/LB.	COTTON LINT	
6. NET PROJECTED RETURNS		ACRE		\$ 38.45	\$ _____

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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 EXTENSION SERVICE AND APPROVED FOR PUBLICATION.

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COTTON, DRYLAND, TEXAS BLACKLAND 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	3,44	SEPT	1.00	0.283	0.214	2.09	1.27	0.0	4.52	7.88
DISK	1,35	SEPT	1.00	0.153	0.116	1.93	0.69	0.0	2.26	4.88
CHISEL	1,31	SEPT	1.00	0.159	0.121	1.79	0.72	0.0	2.25	4.75
DISK	1,35	OCT	1.00	0.153	0.116	1.93	0.69	0.0	2.26	4.88
DISK	1,35	DEC	2.00	0.307	0.233	3.85	1.38	6.00	4.52	15.75
SPRAYER	48	DEC	1.00	0.0	0.127	0.37	0.0	0.0	0.23	0.60
LISTER/BEDDER	1,41	JAN	1.00	0.159	0.121	1.72	0.72	0.0	2.35	4.78
FERT. APPL.	37	JAN	1.00	0.0	0.138	0.32	0.0	18.40	0.73	19.45
LISTER/BEDDER	1,41	MAR	0.50	0.080	0.060	0.86	0.36	0.0	1.17	2.39
LISTER/BEDDER	3,41	MAR	0.50	0.080	0.060	0.57	0.36	0.0	1.38	2.30
PLANTER	3,43	APR	1.30	0.276	0.209	2.53	1.24	10.20	5.12	19.08
ROLLER	5,55	APR	1.30	0.155	0.118	0.41	0.70	0.0	1.12	2.23
CULTIVATOR	1,33	APR	0.50	0.072	0.054	0.78	0.32	0.0	1.29	2.40
CULTIVATOR	3,33	APR	0.50	0.072	0.054	0.52	0.32	0.0	1.48	2.32
SPRAYER	48	APR	1.00	0.0	0.127	0.37	0.0	12.53	0.23	13.13
CULTIVATOR	1,33	MAY	1.00	0.143	0.109	1.57	0.64	0.0	2.58	4.79
CULTIVATOR	3,33	MAY	1.00	0.143	0.109	1.04	0.64	0.0	2.95	4.64
SPRAYER	48	MAY	2.00	0.0	0.254	0.75	0.0	2.45	0.45	3.65
SPRAYER	5,48	AUG	1.00	0.168	0.127	0.80	0.75	7.13	1.03	9.71
TOTALS				2.403	2.466	24.19	10.81	56.70	37.92	129.62

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

QUANTITY OF COTTON LINT	PRICE OF COTTON LINT (DOLLARS)				
	0.44	0.49	0.55	0.60	0.66
320.00	13.70	26.90	40.10	53.30	66.50
360.00	28.53	43.38	58.23	73.08	87.93
400.00	43.37	59.87	76.37	92.87	109.37
440.00	58.20	76.35	94.50	112.65	130.80
480.00	73.04	92.84	112.64	132.44	152.24

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SORGHUM, DRYLAND, TEXAS BLACKLAND REGION
1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
SORGHUM	38.00	CWT.	4.40	167.20	_____
DEFICIENCY PMT.	38.00	CWT.	0.82	31.16	_____
TOTAL PROJECTED RETURNS				\$ 198.36	\$ _____
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*SEED	7.00	LB.	0.75	5.25	_____
*NITROGEN	80.00	LB.	0.22	17.60	_____
*PHOSPHORUS	40.00	LB.	0.24	9.60	_____
*MILOGARD	1.00	LB.	3.20	3.20	_____
*DIMETHIOATE	0.50	PINT	2.06	1.03	_____
ETHYL PARATHION	1.00	LB.	2.05	2.05	_____
HAND HOEING	1.00	ACRE	5.00	5.00	_____
INSECT. APPLI.	0.60	APPL	2.75	1.65	_____
FUEL & LUBE--TRACTOR		ACRE		13.07	_____
REPAIRS-----TRACTOR		ACRE		3.76	_____
EQUIPMENT		ACRE		3.53	_____
LABOR-----MACHINERY	2.21	HOOR	4.50	9.96	_____
OPERATING CAPITAL	20.38	DOL.	0.077	1.57	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 77.26	\$ _____
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		\$ 101.96	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 1.86/CWT.	SORGHUM	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 96.40	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		21.05	_____
EQUIPMENT		ACRE		10.57	_____
LAND---NET SHARE-RENT		ACRE		46.77	_____
TOTAL FIXED COSTS		ACRE		\$ 78.39	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 180.35	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 3.93/CWT.	SORGHUM	
6. NET PROJECTED RETURNS		ACRE		\$ 18.01	\$ _____

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
 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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SORGHUM, DRYLAND, TEXAS BLACKLAND 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	1,44	AUG	1.00	0.283	0.214	3.13	1.27	0.0	3.79	8.20
DISK	1,35	AUG	1.00	0.153	0.116	1.93	0.69	0.0	2.26	4.88
CHISEL	1,31	AUG	1.00	0.159	0.121	1.79	0.72	0.0	2.25	4.75
DISK	1,35	OCT	1.00	0.153	0.116	1.93	0.69	0.0	2.26	4.88
LISTER/BEDDER	1,41	NOV	0.50	0.080	0.060	0.86	0.36	0.0	1.17	2.39
LISTER/BEDDER	3,41	NOV	0.50	0.080	0.060	0.57	0.36	0.0	1.38	2.30
LISTER/BEDDER	1,41	JAN	1.00	0.159	0.121	1.72	0.72	27.20	2.35	31.98
FERT. APPL.	37	JAN	1.00	0.0	0.138	0.32	0.0	0.0	0.73	1.05
LISTER/BEDDER	1,41	MAR	0.50	0.080	0.060	0.86	0.36	0.0	1.17	2.39
LISTER/BEDDER	3,41	MAR	0.50	0.080	0.060	0.57	0.36	0.0	1.38	2.30
PLANTER	3,43	MAR	1.10	0.234	0.177	2.14	1.05	5.25	4.33	12.77
SPRAYER	5,48	MAR	2.00	0.335	0.254	1.60	1.51	4.23	2.07	9.40
ROLLER	5,55	MAR	1.10	0.131	0.100	0.35	0.59	0.0	0.94	1.89
CULTIVATOR	1,33	APR	0.50	0.072	0.054	0.78	0.32	0.0	1.29	2.40
CULTIVATOR	3,33	APR	0.50	0.072	0.054	0.52	0.32	0.0	1.48	2.32
CULTIVATOR	1,33	MAY	0.50	0.072	0.054	0.78	0.32	0.0	1.29	2.40
CULTIVATOR	3,33	MAY	0.50	0.072	0.054	0.52	0.32	0.0	1.48	2.32
TOTALS				2.213	1.815	20.35	9.96	36.68	31.62	98.61

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

CWT.	PRICE OF SORGHUM (DOLLARS)				
	3.52	3.96	4.40	4.84	5.28
30.40	8.43	17.40	26.36	35.32	44.28
34.20	17.83	27.91	37.99	48.07	58.16
38.00	27.22	38.43	49.63	60.83	72.03
41.80	36.62	48.94	61.26	73.59	85.91
45.60	46.01	59.46	72.90	86.34	99.78

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KLEINGRASS ESTABLISHMENT, DRYLAND
 TEXAS BLACKLAND 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					
*KLEINGRASS SEED	2.00	LB.	5.50	11.00	_____
*NITROGEN	90.00	LB.	0.22	19.80	_____
*PHOSPHORUS	40.00	LB.	0.24	9.60	_____
FERTILIZER APPLI	2.00	ACRE	2.75	5.50	_____
*2-4-D	1.00	QT.	2.25	2.25	_____
FUEL & LUBE--TRACTOR		ACRE		4.45	_____
EQUIPMENT		ACRE		1.01	_____
REPAIRS-----TRACTOR		ACRE		1.11	_____
EQUIPMENT		ACRE		1.65	_____
LABOR-----MACHINERY	0.90	HOUR	4.50	4.04	_____
EQUIPMENT	0.42	HOUR	4.00	1.68	_____
OPERATING CAPITAL	25.95	DOL.	0.077	2.00	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 64.09	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 64.09	\$ _____
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -64.09	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		9.05	_____
EQUIPMENT		ACRE		4.26	_____
LAND-CASH RENT	1.00	ACRE	8.00	8.00	_____
TOTAL FIXED COSTS		ACRE		\$ 21.31	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 85.40	\$ _____
6. NET PROJECTED RETURNS		ACRE		\$ -85.40	\$ _____

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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KLEINGRASS ESTABLISHMENT, DRYLAND
 TEXAS BLACKLAND 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	2,31	NOV	1.00	0.159	0.121	1.47	0.72	0.0	2.79	4.98
DISK	2,35	DEC	1.00	0.153	0.116	1.62	0.69	0.0	2.79	5.10
DISK	2,35	APR	1.00	0.153	0.116	1.62	0.69	11.00	2.79	16.10
ROLLER	5,55	APR	1.00	0.119	0.090	0.32	0.54	0.0	0.86	1.71
HERBICIDE APPL.	4,38	MAY	1.00	0.313	0.237	2.00	1.41	2.25	2.98	8.63
TOTALS				0.898	0.680	7.02	4.04	13.25	12.20	36.52

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KLEINGRASS HAY, DRYLAND
 TEXAS BLACKLAND REGION
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
HAY	5.00	TON	75.00	375.00	_____
TOTAL PROJECTED RETURNS				\$ 375.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*NITROGEN	180.00	LB.	0.22	39.60	_____
*PHOSPHORUS	60.00	LB.	0.24	14.40	_____
FERTILIZER APPLI	3.00	ACRE	2.75	8.25	_____
*2-4-D	0.33	QT.	2.25	0.74	_____
FUEL & LUBE--TRACTOR		ACRE		0.40	_____
EQUIPMENT		ACRE		1.52	_____
REPAIRS-----TRACTOR		ACRE		0.09	_____
EQUIPMENT		ACRE		0.45	_____
LABOR-----MACHINERY	0.10	HOUR	4.50	0.46	_____
EQUIPMENT	0.63	HOUR	4.00	2.52	_____
OPERATING CAPITAL	-24.30	DOL.	0.077	-1.87	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 66.57	\$ _____
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		\$ 234.23	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 46.85/TON		HAY
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 140.77	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.74	_____
EQUIPMENT		ACRE		1.90	_____
LAND-CASH RENT	1.00	ACRE	10.00	10.00	_____
PRORATED ESTABL.	85.40	DOL.	0.15	12.81	_____
TOTAL FIXED COSTS		ACRE		\$ 25.45	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 259.68	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 51.94/TON		HAY
6. NET PROJECTED RETURNS		ACRE		\$ 115.32	\$ _____

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

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KLEINGRASS HAY, DRYLAND
 TEXAS BLACKLAND 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
HERBICIDE APPL.	4,38	APR	0.33	0.103	0.078	0.66	0.46	0.74	0.98	2.85
TOTALS				0.103	0.078	0.66	0.46	0.74	0.98	2.85

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 HAY	TON	PRICE OF HAY (DOLLARS)				
		60.00	67.50	75.00	82.50	90.00
4.00		39.30	69.30	99.30	129.30	159.30
4.50		52.53	86.28	120.03	153.78	187.53
5.00		65.77	103.27	140.77	178.27	215.77
5.50		79.00	120.25	161.50	202.75	244.00
6.00		92.24	137.24	182.24	227.24	272.24

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KLEINGRASS PASTURE, DRYLAND
 TEXAS BLACKLAND 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					
INPUT USE					
PREHARVEST COSTS					
*NITROGEN	100.00	LB.	0.22	22.00	_____
*PHOSPHORUS	40.00	LB.	0.24	9.60	_____
FERTILIZER APPLI	2.00	ACRE	2.75	5.50	_____
*2-4-D	0.33	QT.	2.25	0.74	_____
FUEL & LUBE--TRACTOR		ACRE		0.40	_____
EQUIPMENT		ACRE		1.52	_____
REPAIRS-----TRACTOR		ACRE		0.09	_____
EQUIPMENT		ACRE		0.45	_____
LABOR-----MACHINERY	0.10	HOUR	4.50	0.46	_____
EQUIPMENT	0.63	HOUR	4.00	2.52	_____
OPERATING CAPITAL	17.67	DOL.	0.077	1.36	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 44.65	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 44.65	\$ _____
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -44.65	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.74	_____
EQUIPMENT		ACRE		1.90	_____
LAND-CASH RENT	1.00	ACRE	10.00	10.00	_____
PRORATED ESTABL.	85.40	DOL.	0.15	12.81	_____
TOTAL FIXED COSTS		ACRE		\$ 25.45	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 70.10	\$ _____
6. NET PROJECTED RETURNS		ACRE		\$ -70.10	\$ _____

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

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KLEINGRASS PASTURE, DRYLAND
 TEXAS BLACKLAND 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
HERBICIDE APPL.	4,38	APR	0.33	0.103	0.078	0.66	0.46	0.74	0.98	2.85
TOTALS				0.103	0.078	0.66	0.46	0.74	0.98	2.85

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OATS, DRYLAND, TEXAS BLACKLAND REGION
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
OATS	65.00	BU.	1.80	117.00	_____
SM. GR. PASTURE	2.50	AUM	0.0	0.0	_____
TOTAL PROJECTED RETURNS				\$ 117.00	\$ _____
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*SEED OATS	80.00	LB.	0.13	10.40	_____
*NITROGEN	140.00	LB.	0.22	30.80	_____
*PHOSPHORUS	60.00	LB.	0.24	14.40	_____
FERTILIZER APPLI	2.00	ACRE	2.75	5.50	_____
*SEVIN	0.50	LB.	1.95	0.97	_____
FUEL & LUBE--TRACTOR		ACRE		4.50	_____
EQUIPMENT		ACRE		1.69	_____
REPAIRS-----TRACTOR		ACRE		1.12	_____
EQUIPMENT		ACRE		2.10	_____
LABOR-----MACHINERY	0.89	HOUR	4.50	4.02	_____
EQUIPMENT	0.70	HOUR	4.00	2.80	_____
OPERATING CAPITAL	30.86	DOL.	0.077	2.37	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 80.68	\$ _____
HARVEST COSTS					
CUSTOM COMBINING	1.00	ACRE	12.00	12.00	_____
CUSTOM HAULING	65.00	BU.	0.10	6.50	_____
SUBTOTAL, HARVEST		ACRE		\$ 18.50	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 99.18	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 1.53/BU.	OATS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 17.82	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		9.11	_____
EQUIPMENT		ACRE		6.86	_____
LAND---NET SHARE-RENT		ACRE		15.77	_____
TOTAL FIXED COSTS		ACRE		\$ 31.74	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 130.92	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 2.01/BU.	OATS	
6. NET PROJECTED RETURNS		ACRE		\$ -13.92	\$ _____

LAND RENT BASED ON 33% OF GROSS INCOME LESS 33% OF FERT., HARVEST AND HAUL.

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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OATS, DRYLAND, TEXAS BLACKLAND 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	2,31	AUG	1.00	0.159	0.121	1.47	0.72	0.0	2.79	4.98
DISK	2,35	AUG	1.00	0.153	0.116	1.62	0.69	0.0	2.79	5.10
DISK	2,35	SEPT	1.00	0.153	0.116	1.62	0.69	0.0	2.79	5.10
DRILL	4,36	SEPT	1.00	0.344	0.260	2.29	1.55	10.40	5.24	19.48
SPRAYER	5,48	OCT	0.50	0.084	0.063	0.40	0.38	0.97	0.52	2.27
TOTALS				0.894	0.677	7.40	4.02	11.37	14.12	36.92

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 OATS	PRICE OF OATS (DOLLARS)				
	1.44	1.62	1.80	1.98	2.16
BU.					
52.00	-25.30	-19.03	-12.76	-6.49	-0.22
58.50	-19.46	-12.41	-5.35	1.70	8.76
65.00	-13.63	-5.79	2.05	9.89	17.73
71.50	-7.79	0.83	9.45	18.08	26.70
78.00	-1.96	7.45	16.86	26.26	35.67

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