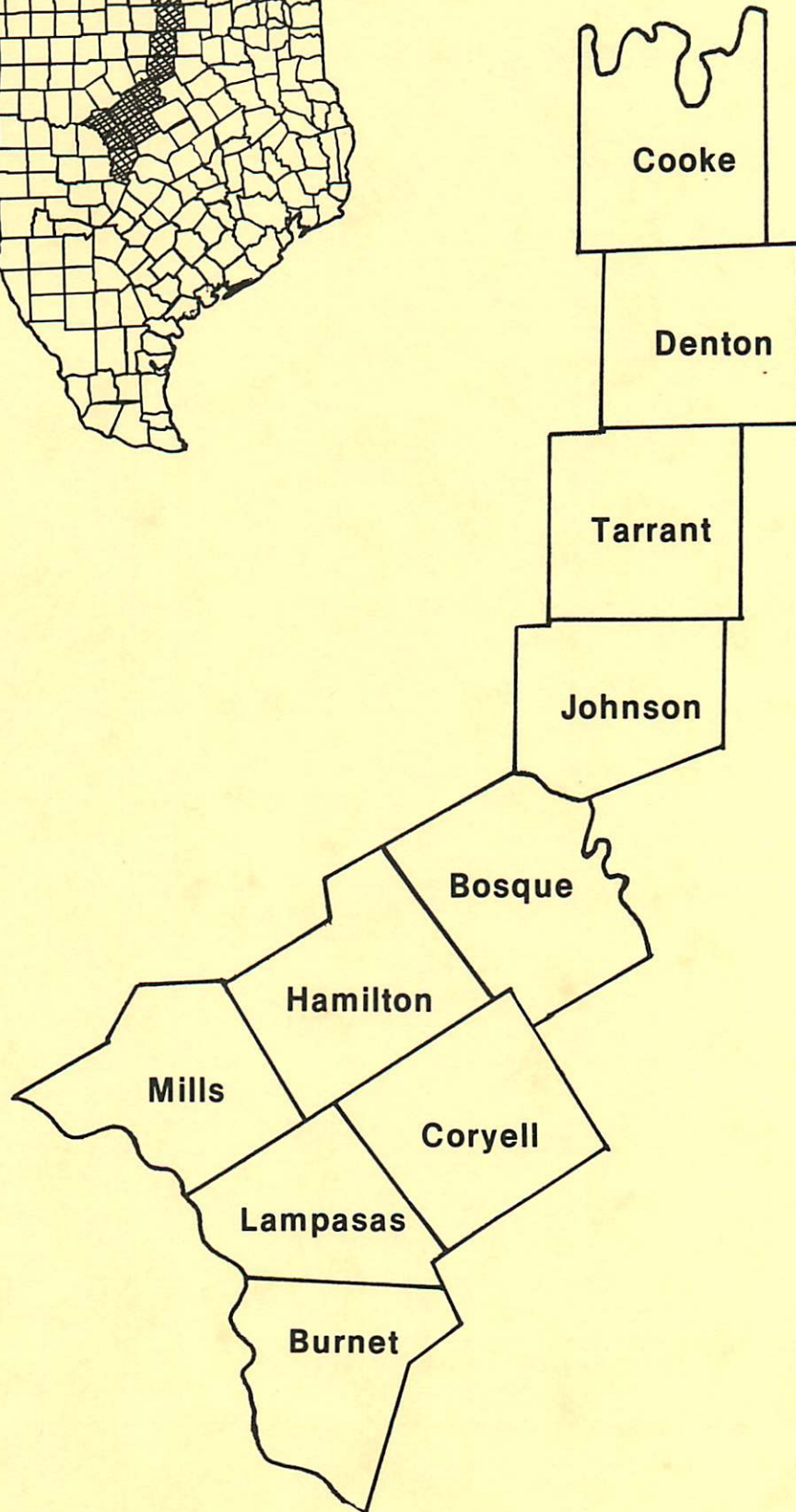
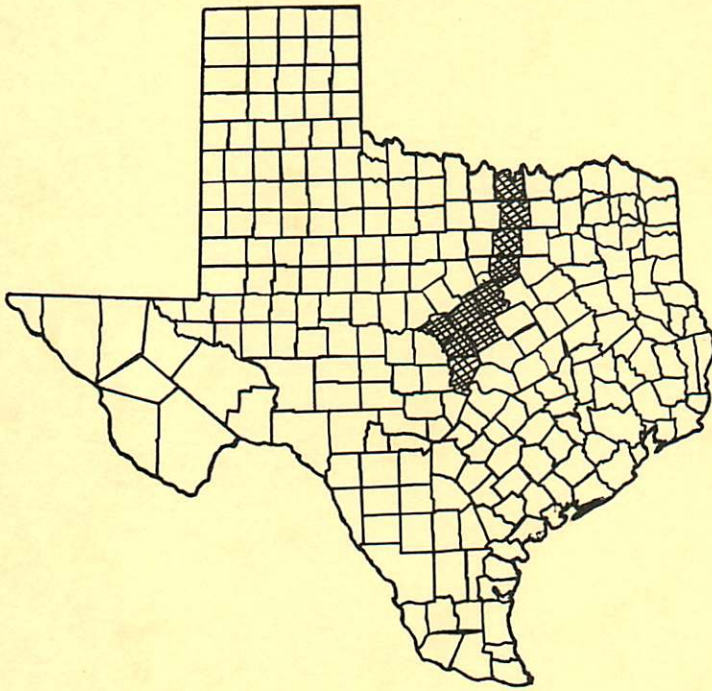


# TEXAS GRAND PRAIRIE

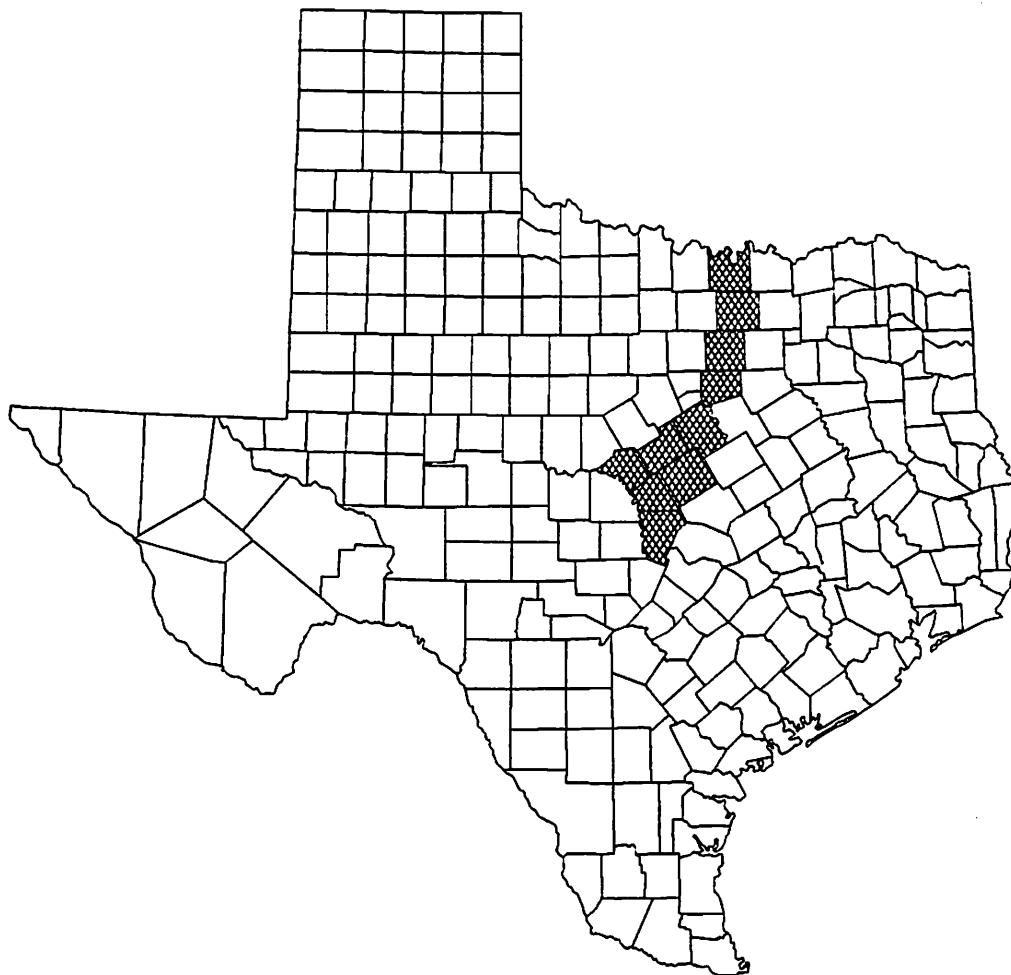
SOIL RESOURCE AREA 14



# TEXAS CROP ENTERPRISE BUDGETS

## TEXAS GRANDE PRAIRIE REGION

Projected for 1984



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

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
COASTAL HAY	1.00	TON	55.00	55.00	_____
TOTAL PROJECTED RETURNS				\$ 55.00	\$ _____
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*NITROGEN	60.00	LB.	0.23	13.80	_____
*PHOSPHORUS	40.00	LB.	0.26	10.40	_____
FERTILIZER APPLI	2.00	ACRE	2.75	5.50	_____
CUSTOM SPRIGGING	1.00	ACRE	40.00	40.00	_____
*HERB, PREMERGE	1.00	ACRE	4.50	4.50	_____
HERBICIDE APPLI.	1.00	ACRE	2.00	2.00	_____
FUEL & LUBE--TRACTOR		ACRE		5.11	_____
EQUIPMENT		ACRE		1.59	_____
REPAIRS-----TRACTOR		ACRE		1.05	_____
EQUIPMENT		ACRE		1.38	_____
LABOR-----MACHINERY	0.75	HOUR	4.50	3.37	_____
EQUIPMENT	0.63	HOUR	4.50	2.83	_____
OPERATING CAPITAL	52.44	DOL.	0.140	7.34	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 98.87	\$ _____
HARVEST COSTS					
CUSTOM BALING	1.00	TON	20.00	20.00	_____
CUSTOM BALE HAUL	1.00	TON	5.00	5.00	_____
SUBTOTAL, HARVEST		ACRE		\$ 25.00	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 123.87	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$123.87/TON	COASTAL HAY	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -68.87	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		12.28	_____
EQUIPMENT		ACRE		5.77	_____
LAND-CASH RENT	1.00	ACRE	8.00	8.00	_____
TOTAL FIXED COSTS		ACRE		\$ 26.05	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 149.91	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$149.91/TON	COASTAL HAY	
6. NET PROJECTED RETURNS		ACRE		\$ -94.91	\$ _____

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 GRANDE PRAIRIE 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	2.27	1.27	0.0	5.80	9.34
CHISEL	2,31	OCT	1.00	0.159	0.121	1.59	0.72	0.0	3.49	5.79
DISK	2,35	NOV	1.00	0.153	0.116	1.72	0.69	0.0	3.48	5.89
DISK	2,35	JAN	1.00	0.153	0.116	1.72	0.69	0.0	3.48	5.89
<b>TOTALS</b>				<b>0.749</b>	<b>0.568</b>	<b>7.31</b>	<b>3.37</b>	<b>0.0</b>	<b>16.24</b>	<b>26.92</b>

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

		PRICE OF COASTAL HAY (DOLLARS)				
		44.00	49.50	55.00	60.50	66.00
QUANTITY OF COASTAL HAY	TON					
	0.80	-83.67	-79.27	-74.87	-70.47	-66.07
	0.90	-81.77	-76.82	-71.87	-66.92	-61.97
	1.00	-79.87	-74.37	-68.87	-63.37	-57.87
	1.10	-77.97	-71.92	-65.87	-59.82	-53.77
	1.20	-76.07	-69.47	-62.87	-56.27	-49.67

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

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

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
COASTAL HAY	4.00	TON	55.00	220.00	_____
TOTAL PROJECTED RETURNS				\$ 220.00	\$ _____
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*NITROGEN	150.00	LB.	0.23	34.50	_____
*PHOSPHORUS	50.00	LB.	0.26	13.00	_____
FERTILIZER APPLI	2.00	ACRE	2.75	5.50	_____
*HERB., PREMERGE	1.00	ACRE	2.50	2.50	_____
HERBICIDE APPL.	1.00	APPL	2.50	2.50	_____
FUEL & LUBE--TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		1.85	_____
REPAIRS-----TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		0.26	_____
LABOR-----MACHINERY	0.0	HOURL	4.50	0.0	_____
EQUIPMENT	0.73	HOURL	4.50	3.31	_____
OPERATING CAPITAL	-5.69	DOL.	0.140	-0.80	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 62.63	\$ _____
HARVEST COSTS					
CUSTOM BALING	4.00	TON	20.00	80.00	_____
CUSTOM BALE HAUL	4.00	TON	5.00	20.00	_____
SUBTOTAL, HARVEST		ACRE		\$ 100.00	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 162.63	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 40.66/TON		COASTAL HAY
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 57.37	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		2.11	_____
LAND-CASH RENT	1.00	ACRE	10.00	10.00	_____
PRORATED ESTABL.	94.91	DOL.	0.15	14.24	_____
TOTAL FIXED COSTS		ACRE		\$ 26.34	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 188.97	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 47.24/TON		COASTAL HAY
6. NET PROJECTED RETURNS		ACRE		\$ 31.03	\$ _____

ESTABLISHMENT COST PRORATED OVER 15 YEARS.

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COASTAL BERMUDAGRASS HAY, DRYLAND  
 TEXAS GRANDE PRAIRIE 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

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					
	3.20	-1.83	15.77	33.37	50.97	68.57
	3.60	5.77	25.57	45.37	65.17	84.97
	4.00	13.37	35.37	57.37	79.37	101.37
	4.40	20.97	45.17	69.37	93.57	117.77
	4.80	28.57	54.97	81.37	107.77	134.17

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

COASTAL BERMUDAGRASS PASTURE, DRYLAND  
 TEXAS GRANDE PRAIRIE 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					
*NITROGEN	50.00	LB.	0.23	11.50	_____
*PHOSPHORUS	50.00	LB.	0.26	13.00	_____
FERTILIZER APPLI	2.00	ACRE	2.75	5.50	_____
*HERB, POSTEMERGE	1.00	ACRE	2.50	2.50	_____
HERBICIDE APPL.	1.00	APPL	2.50	2.50	_____
FUEL & LUBE--TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		1.85	_____
REPAIRS-----TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		0.26	_____
LABOR-----MACHINERY	0.0	HOUR	4.50	0.0	_____
EQUIPMENT	0.73	HOUR	4.50	3.31	_____
OPERATING CAPITAL	13.48	DOL.	0.140	1.89	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 42.31	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 42.31	\$ _____
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -42.31	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		2.11	_____
LAND-CASH RENT	1.00	ACRE	10.00	10.00	_____
PRORATED ESTABL.	94.91	DOL.	0.15	14.24	_____
TOTAL FIXED COSTS		ACRE		\$ 26.34	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 68.66	\$ _____
6. NET PROJECTED RETURNS		ACRE		\$ -68.66	\$ _____

ESTABLISHMENT COST PRORATED OVER 15 YEARS.

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

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
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.	1.14	14.25	_____
*NITROGEN	110.00	LB.	0.23	25.30	_____
*PHOSPHORUS	60.00	LB.	0.26	15.60	_____
*FURADAN	2.00	PINT	5.16	10.32	_____
*ATRAZINE	1.25	LB.	2.50	3.13	_____
*LASSO	2.00	QT.	5.00	10.00	_____
*POTASSIUM	30.00	LB.	0.23	6.90	_____
FUEL & LUBE---TRACTOR		ACRE		12.39	_____
REPAIRS-----TRACTOR		ACRE		2.88	_____
EQUIPMENT		ACRE		3.12	_____
LABOR-----MACHINERY	1.85	HOUR	4.50	8.34	_____
OPERATING CAPITAL	35.27	DOL.	0.140	4.94	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 117.17	\$ _____
HARVEST COSTS					
CUSTOM HARVEST	1.00	ACRE	15.00	15.00	_____
HAULING	70.00	BU.	0.14	9.80	_____
SUBTOTAL, HARVEST		ACRE		\$ 24.80	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 141.97	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 1.55/BU.	CORN	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 98.13	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		24.14	_____
EQUIPMENT		ACRE		13.06	_____
LAND---NET SHARE-RENT		ACRE		51.87	_____
TOTAL FIXED COSTS		ACRE		\$ 89.07	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 231.04	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 2.82/BU.	CORN	
6. NET PROJECTED RETURNS		ACRE		\$ 9.06	\$ _____

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

PROJECTIONS FOR PLANNING PURPOSES ONLY  
 NOT TO BE USED WITHOUT UPDATING AFTER 01/20/84.

B-1241(C14)

CORN, DRYLAND, TEXAS GRANDE PRAIRIE 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
DISK	1,35	OCT	1.00	0.153	0.116	2.06	0.69	0.0	2.88	5.63
LISTER/BEDDER	1,41	NOV	0.50	0.080	0.060	0.94	0.36	0.0	1.49	2.79
LISTER/BEDDER	3,41	NOV	0.50	0.080	0.060	0.62	0.36	0.0	1.77	2.75
FERT. APPL.	37	DEC	1.00	0.0	0.138	0.30	0.0	36.30	0.98	37.58
LISTER/BEDDER	1,41	FEB	0.50	0.080	0.060	0.94	0.36	0.0	1.49	2.79
LISTER/BEDDER	3,41	FEB	0.50	0.080	0.060	0.62	0.36	0.0	1.77	2.75
FERT. APPL.	37	MAR	1.00	0.0	0.138	0.30	0.0	11.50	0.98	12.78
PLANTER	3,43	MAR	1.00	0.212	0.161	2.06	0.96	24.57	5.06	32.65
ROLLER	5,55	MAR	1.00	0.119	0.090	0.35	0.54	0.0	1.09	1.97
SPRAYER	5,48	MAR	1.00	0.168	0.127	0.83	0.75	13.13	1.33	16.03
CULTIVATOR	1,33	MAR	1.00	0.143	0.109	1.70	0.64	0.0	3.28	5.63
CULTIVATOR	1,33	APR	0.50	0.072	0.054	0.85	0.32	0.0	1.64	2.81
CULTIVATOR	3,33	APR	0.50	0.072	0.054	0.57	0.32	0.0	1.89	2.78
SHREDDER	3,44	AUG	1.00	0.283	0.214	2.27	1.27	0.0	5.80	9.34
DISK	1,35	AUG	1.00	0.153	0.116	2.06	0.69	0.0	2.88	5.63
CHISEL	1,31	AUG	1.00	0.159	0.121	1.94	0.72	0.0	2.87	5.52
<b>TOTALS</b>				<b>1.853</b>	<b>1.680</b>	<b>18.40</b>	<b>8.34</b>	<b>85.49</b>	<b>37.20</b>	<b>149.43</b>

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

QUANTITY OF CORN	PRICE OF CORN (DOLLARS)				
	2.36	2.65	2.95	3.24	3.54
BU.					
56.00	-6.73	4.33	15.40	26.47	37.54
63.00	5.93	18.38	30.83	43.28	55.74
70.00	18.59	32.43	46.26	60.10	73.93
77.00	31.25	46.47	61.69	76.91	92.13
84.00	43.92	60.52	77.12	93.73	110.33

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

COTTON, DRYLAND, TEXAS GRANDE PRAIRIE REGION  
 1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
<b>1. GROSS RECEIPTS</b>					
COTTON LINT	250.00	LB.	0.55	137.50	_____
COTTONSEED	0.20	TON	110.00	22.00	_____
DEFICIENCY PMT.	250.00	LB.	0.18	45.00	_____
TOTAL PROJECTED RETURNS				\$ 204.50	\$ _____
<b>2. VARIABLE COSTS</b>					
INPUT USE					
<b>PREHARVEST COSTS</b>					
*SEED	12.00	LB.	0.46	5.52	_____
*NITROGEN	14.00	LB.	0.23	3.22	_____
*PHOSPHORUS	40.00	LB.	0.26	10.40	_____
*TREFLAN	1.00	QT.	7.74	7.74	_____
*CAPAROL	1.00	LB.	4.96	4.96	_____
*BIDRIN	0.20	LB.	5.60	1.12	_____
*GUTHION	1.00	PINT	3.00	3.00	_____
INSECT. APPLI.	2.00	APPL	2.75	5.50	_____
FUEL & LUBE--TRACTOR		ACRE		15.84	_____
REPAIRS-----TRACTOR		ACRE		3.70	_____
EQUIPMENT		ACRE		4.41	_____
LABOR-----MACHINERY	2.61	HOUR	4.50	11.74	_____
OPERATING CAPITAL	31.52	DOL.	0.140	4.41	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 81.57	\$ _____
<b>HARVEST COSTS</b>					
*DESICCANT	0.75	GAL.	10.50	7.88	_____
STRIP & HAUL	11.25	CWT.	1.55	17.44	_____
GIN, BAG, TIES	11.25	CWT.	2.40	27.00	_____
FUEL & LUBE--TRACTOR		ACRE		0.40	_____
REPAIRS-----TRACTOR		ACRE		0.08	_____
EQUIPMENT		ACRE		0.35	_____
LABOR-----MACHINERY	0.17	HOUR	4.50	0.75	_____
SUBTOTAL, HARVEST		ACRE		\$ 53.89	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 135.47	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS \$ 0.27/LB. COTTON LINT					
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 69.03	\$ _____
<b>4. FIXED COSTS</b>					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		30.98	_____
EQUIPMENT		ACRE		14.75	_____
LAND---NET SHARE-RENT		ACRE		38.56	_____
TOTAL FIXED COSTS		ACRE		\$ 84.29	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 219.76	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS \$ 0.61/LB. COTTON LINT					
6. NET PROJECTED RETURNS		ACRE		\$ -15.26	\$ _____

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

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COTTON, DRYLAND, TEXAS GRANDE PRAIRIE 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
DISK	1,35	DEC	2.00	0.307	0.233	4.12	1.38	7.74	5.76	19.00
SPRAYER	5,48	DEC	1.00	0.168	0.127	0.83	0.75	0.0	1.33	2.91
FERT. APPL.	37	DEC	1.00	0.0	0.138	0.30	0.0	13.62	0.98	14.90
LISTER/BEDDER	1,41	JAN	1.00	0.159	0.121	1.87	0.72	0.0	2.98	5.57
LISTER/BEDDER	1,41	APR	0.50	0.080	0.060	0.94	0.36	0.0	1.49	2.79
LISTER/BEDDER	3,41	APR	0.50	0.080	0.060	0.62	0.36	0.0	1.77	2.75
PLANTER	3,43	APR	1.30	0.276	0.209	2.68	1.24	5.52	6.58	16.02
ROLLER	5,55	APR	1.30	0.155	0.118	0.46	0.70	0.0	1.41	2.57
SPRAYER	5,48	APR	2.00	0.335	0.254	1.65	1.51	6.08	2.66	11.90
CULTIVATOR	1,33	MAY	1.00	0.143	0.109	1.70	0.64	0.0	3.28	5.63
SPRAYER	5,48	MAY	1.00	0.168	0.127	0.83	0.75	3.00	1.33	5.91
CULTIVATOR	1,33	JUNE	1.00	0.143	0.109	1.70	0.64	0.0	3.28	5.63
SPRAYER	5,48	AUG	1.00	0.168	0.127	0.83	0.75	7.88	1.33	10.78
SHREDDER	3,44	OCT	1.00	0.283	0.214	2.27	1.27	0.0	5.80	9.34
DISK	1,35	OCT	1.00	0.153	0.116	2.06	0.69	0.0	2.88	5.63
CHISEL	1,31	OCT	1.00	0.159	0.121	1.94	0.72	0.0	2.87	5.52
<b>TOTALS</b>				<b>2.776</b>	<b>2.241</b>	<b>24.79</b>	<b>12.49</b>	<b>43.83</b>	<b>45.73</b>	<b>126.85</b>

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

LB.	PRICE OF COTTON LINT (DOLLARS)				
	0.44	0.49	0.55	0.60	0.66
200.00	-7.60	0.65	8.90	17.15	25.40
225.00	1.12	10.40	19.69	28.97	38.25
250.00	9.84	20.15	30.47	40.78	51.09
275.00	18.56	29.90	41.25	52.59	63.94
300.00	27.28	39.65	52.03	64.40	76.78

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

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

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
GRAIN SORGHUM	28.50	CWT.	4.75	135.37	_____
DEFICIENCY PMT.	28.50	CWT.	0.82	23.37	_____
TOTAL PROJECTED RETURNS				\$ 158.74	\$ _____
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*SEED	5.00	LB.	0.70	3.50	_____
*NITROGEN	80.00	LB.	0.23	18.40	_____
*PHOSPHORUS	40.00	LB.	0.26	10.40	_____
*MILOCEP	1.00	LB.	3.50	3.50	_____
*FURADAN	1.00	PINT	5.16	5.16	_____
*POTASSIUM	20.00	LB.	0.23	4.60	_____
MIDGE/APHID CONT	1.00	APPL	2.50	2.50	_____
FUEL & LUBE--TRACTOR		ACRE		12.51	_____
REPAIRS-----TRACTOR		ACRE		2.96	_____
EQUIPMENT		ACRE		3.12	_____
LABOR-----MACHINERY	1.91	HR	4.50	8.60	_____
OPERATING CAPITAL	25.15	DOL.	0.140	3.52	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 78.77	\$ _____
HARVEST COSTS					
CUSTOM HARVEST	28.50	CWT.	0.45	12.82	_____
HAULING	28.50	CWT.	0.20	5.70	_____
SUBTOTAL, HARVEST		ACRE		\$ 18.52	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 97.29	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 2.59/CWT.		GRAIN SORGHUM
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 61.45	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		22.80	_____
EQUIPMENT		ACRE		11.09	_____
LAND---NET SHARE-RENT		ACRE		32.72	_____
TOTAL FIXED COSTS		ACRE		\$ 66.62	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 163.91	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 4.93/CWT.		GRAIN SORGHUM
6. NET PROJECTED RETURNS		ACRE		\$ -5.16	\$ _____

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

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

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH		APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
						OPER COSTS	LABOR COSTS			
SHREDDER	1,44	AUG	1.00	0.283	0.214	3.40	1.27	0.0	4.81	9.48
DISK	1,35	AUG	1.00	0.153	0.116	2.06	0.69	0.0	2.88	5.63
CHISEL	1,31	AUG	1.00	0.159	0.121	1.94	0.72	0.0	2.87	5.52
DISK	1,35	OCT	1.00	0.153	0.116	2.06	0.69	0.0	2.88	5.63
LISTER/BEDDER	1,41	DEC	0.50	0.080	0.060	0.94	0.36	33.40	1.49	36.19
LISTER/BEDDER	3,41	DEC	0.50	0.080	0.060	0.62	0.36	0.0	1.77	2.75
FERT. APPL.	37	DEC	1.00	0.0	0.138	0.30	0.0	0.0	0.98	1.28
LISTER/BEDDER	1,41	MAR	0.50	0.080	0.060	0.94	0.36	0.0	1.49	2.79
LISTER/BEDDER	3,41	MAR	0.50	0.080	0.060	0.62	0.36	0.0	1.77	2.75
PLANTER	3,43	MAR	1.10	0.234	0.177	2.27	1.05	3.50	5.56	12.39
SPRAYER	5,48	MAR	2.00	0.335	0.254	1.65	1.51	8.66	2.66	14.48
ROLLER	5,55	MAR	1.10	0.131	0.100	0.39	0.59	0.0	1.19	2.17
CULTIVATOR	1,33	MAY	0.50	0.072	0.054	0.85	0.32	0.0	1.64	2.81
CULTIVATOR	3,33	MAY	0.50	0.072	0.054	0.57	0.32	0.0	1.89	2.78
TOTALS				1.911	1.585	18.59	8.60	45.56	33.89	106.64

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 GRAIN SORGHUM (DOLLARS)				
	3.80	4.27	4.75	5.22	5.70
22.80	-4.57	2.68	9.94	17.20	24.45
25.65	3.01	11.17	19.34	27.50	35.66
28.50	10.59	19.66	28.73	37.80	46.87
31.35	18.17	28.15	38.12	48.10	58.08
34.20	25.75	36.64	47.52	58.40	69.29

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

KLEINGRASS ESTABLISHMENT, DRYLAND  
TEXAS GRANDE PRAIRIE 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	60.00	LB.	0.23	13.80	_____
*PHOSPHORUS	40.00	LB.	0.26	10.40	_____
FERTILIZER APPLI	2.00	ACRE	2.75	5.50	_____
*HERB. POSTEMERGE	1.00	ACRE	2.50	2.50	_____
HERBICIDE APPL.	1.00	APPL	2.50	2.50	_____
FUEL & LUBE--TRACTOR		ACRE		3.72	_____
EQUIPMENT		ACRE		1.06	_____
REPAIRS-----TRACTOR		ACRE		0.77	_____
EQUIPMENT		ACRE		1.06	_____
LABOR-----MACHINERY	0.59	HOUR	4.50	2.63	_____
EQUIPMENT	0.42	HOUR	4.50	1.89	_____
OPERATING CAPITAL	26.14	DOL.	0.140	3.66	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 60.48	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 60.48	\$ _____
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -60.48	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		8.45	_____
EQUIPMENT		ACRE		4.28	_____
LAND-CASH RENT	1.00	ACRE	8.00	8.00	_____
TOTAL FIXED COSTS		ACRE		\$ 20.73	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 81.21	\$ _____
6. NET PROJECTED RETURNS		ACRE		\$ -81.21	\$ _____

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PROJECTIONS FOR PLANNING PURPOSES ONLY  
 NOT TO BE USED WITHOUT UPDATING AFTER 01/20/84.

B-1241(C14)

KLEINGRASS ESTABLISHMENT, DRYLAND  
 TEXAS GRANDE PRAIRIE 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	1.59	0.72	0.0	3.49	5.79
DISK	2,35	DEC	1.00	0.153	0.116	1.72	0.69	0.0	3.48	5.89
DISK	2,35	APR	1.00	0.153	0.116	1.72	0.69	11.00	3.48	16.89
ROLLER	5,55	APR	1.00	0.119	0.090	0.35	0.54	0.0	1.09	1.97
<b>TOTALS</b>				<b>0.586</b>	<b>0.444</b>	<b>5.39</b>	<b>2.63</b>	<b>11.00</b>	<b>11.53</b>	<b>30.55</b>



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

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
HAY	4.00	TON	55.00	220.00	_____
TOTAL PROJECTED RETURNS				\$ 220.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*NITROGEN	150.00	LB.	0.23	34.50	_____
*PHOSPHORUS	40.00	LB.	0.26	10.40	_____
FERTILIZER APPLI	2.00	ACRE	2.75	5.50	_____
*HERB, POSTEMERGE	1.00	ACRE	2.50	2.50	_____
HERBICIDE APPL.	1.00	APPL	2.50	2.50	_____
FUEL & LUBE--TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		1.59	_____
REPAIRS-----TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		0.23	_____
LABOR-----MACHINERY	0.0	HOUR	4.50	0.0	_____
EQUIPMENT	0.63	HOUR	4.50	2.83	_____
OPERATING CAPITAL	-1.86	DOL.	0.140	-0.26	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 59.79	\$ _____
HARVEST COSTS					
CUSTOM BALING	4.00	TON	20.00	80.00	_____
CUSTOM BALE HAUL	4.00	TON	5.00	20.00	_____
SUBTOTAL, HARVEST		ACRE		\$ 100.00	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 159.79	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 39.95/TON		HAY
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 60.21	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		1.81	_____
LAND-CASH RENT	1.00	ACRE	10.00	10.00	_____
PRORATED ESTABL.	81.21	DOL.	0.15	12.18	_____
TOTAL FIXED COSTS		ACRE		\$ 23.99	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 183.78	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 45.94/TON		HAY
6. NET PROJECTED RETURNS		ACRE		\$ 36.22	\$ _____

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

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KLEINGRASS HAY, DRYLAND  
 TEXAS GRANDE PRAIRIE 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

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					
	3.20	1.01	18.61	36.21	53.81	71.41
	3.60	8.61	28.41	48.21	68.01	87.81
	4.00	16.21	38.21	60.21	82.21	104.21
	4.40	23.81	48.01	72.21	96.41	120.61
	4.80	31.41	57.81	84.21	110.61	137.01

KLEINGRASS PASTURE, DRYLAND  
TEXAS GRANDE PRAIRIE 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					
*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	_____
*HERB, POSTEMERGE	1.00	ACRE	2.50	2.50	_____
HERBICIDE APPL.	1.00	APPL	2.50	2.50	_____
FUEL & LUBE--TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		1.59	_____
REPAIRS-----TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		0.23	_____
LABOR-----MACHINERY	0.0	HOUR	4.50	0.0	_____
EQUIPMENT	0.63	HOUR	4.50	2.83	_____
OPERATING CAPITAL	21.14	DOL.	0.140	2.96	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 51.51	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 51.51	\$ _____
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -51.51	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		1.81	_____
LAND-CASH RENT	1.00	ACRE	10.00	10.00	_____
PRORATED ESTABL.	81.21	DOL.	0.15	12.18	_____
TOTAL FIXED COSTS		ACRE		\$ 23.99	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 75.50	\$ _____
6. NET PROJECTED RETURNS		ACRE		\$ -75.50	\$ _____

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

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