

KLEINGRASS PASTURE, 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					
*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	_____
FUEL & LUBE--TRACTOR		ACRE		0.41	_____
EQUIPMENT		ACRE		1.39	_____
REPAIRS-----TRACTOR		ACRE		0.09	_____
EQUIPMENT		ACRE		0.42	_____
LABOR-----MACHINERY	0.10	HOUR	4.50	0.46	_____
EQUIPMENT	0.63	HOUR	4.00	2.52	_____
OPERATING CAPITAL	18.49	DOL.	0.077	1.42	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 46.50	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 46.50	\$ _____
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -46.50	\$ _____
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		\$ 71.94	\$ _____
6. NET PROJECTED RETURNS		ACRE		\$ -71.94	\$ _____

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

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

B-1241(C15)

KLEINGRASS 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.	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

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

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
OATS	65.00	BU.	1.70	110.50	_____
SM. GR. PASTURE	2.50	AUM	0.0	0.0	_____
TOTAL PROJECTED RETURNS				\$ 110.50	\$ _____
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*SEED OATS	80.00	LB.	0.14	11.20	_____
*NITROGEN	140.00	LB.	0.23	32.20	_____
*PHOSPHORUS	60.00	LB.	0.26	15.60	_____
FERTILIZER APPLI	2.00	ACRE	2.75	5.50	_____
*INSECT./SM.GRAIN	0.33	APPL	6.00	1.98	_____
FUEL & LUBE--TRACTOR		ACRE		4.63	_____
EQUIPMENT		ACRE		1.54	_____
REPAIRS-----TRACTOR		ACRE		1.03	_____
EQUIPMENT		ACRE		1.93	_____
LABOR-----MACHINERY	0.87	HOURL	4.50	3.89	_____
EQUIPMENT	0.70	HOURL	4.00	2.80	_____
OPERATING CAPITAL	33.47	DOL.	0.077	2.57	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 84.88	\$ _____
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		\$ 103.38	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS \$ 1.59/BU. OATS					
3. INCOME ABOVE VARIABLE COSTS					
		ACRE		\$ 7.12	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		8.36	_____
EQUIPMENT		ACRE		6.45	_____
LAND---NET SHARE-RENT		ACRE		12.77	_____
TOTAL FIXED COSTS		ACRE		\$ 27.57	\$ _____
5. TOTAL PROJECTED COSTS					
		ACRE		\$ 130.95	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS \$ 2.01/BU. OATS					
6. NET PROJECTED RETURNS					
		ACRE		\$ -20.45	\$ _____

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

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OATS, 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	AUG	1.00	0.159	0.121	1.48	0.72	0.0	2.59	4.79
DISK	2,35	AUG	1.00	0.153	0.116	1.62	0.69	0.0	2.59	4.90
DISK	2,35	SEPT	1.00	0.153	0.116	1.62	0.69	0.0	2.59	4.90
DRILL	4,36	SEPT	1.00	0.344	0.260	2.31	1.55	11.20	5.04	20.10
SPRAYER	5,48	OCT	0.33	0.055	0.042	0.26	0.25	1.98	0.33	2.82
TOTALS				0.865	0.655	7.30	3.89	13.18	13.13	37.50

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)				
	1.36	1.53	1.70	1.87	2.04
BU.					
52.00	-31.43	-25.51	-19.59	-13.66	-7.74
58.50	-25.94	-19.28	-12.62	-5.96	0.71
65.00	-20.46	-13.05	-5.65	1.75	9.16
71.50	-14.97	-6.83	1.32	9.46	17.61
78.00	-9.48	-0.60	8.29	17.17	26.05

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

OAT 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	2.00	TON	55.00	110.00	_____
SM. GR. PASTURE	2.00	AUM	0.0	0.0	_____
TOTAL PROJECTED RETURNS				\$ 110.00	\$ _____
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*SEED OATS	80.00	LB.	0.14	11.20	_____
*NITROGEN	90.00	LB.	0.23	20.70	_____
*PHOSPHORUS	30.00	LB.	0.26	7.80	_____
FERTILIZER APPLI	2.00	ACRE	2.75	5.50	_____
*INSECT./SM.GRAIN	0.33	APPL	4.00	1.32	_____
FUEL & LUBE--TRACTOR		ACRE		5.15	_____
EQUIPMENT		ACRE		1.54	_____
REPAIRS-----TRACTOR		ACRE		0.89	_____
EQUIPMENT		ACRE		1.91	_____
LABOR-----MACHINERY	1.08	HOUR	4.50	4.86	_____
EQUIPMENT	0.70	HOUR	4.00	2.80	_____
OPERATING CAPITAL	23.98	DOL.	0.077	1.84	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 65.52	\$ _____
HARVEST COSTS					
CUSTOM BALING	67.00	BALE	0.65	43.55	_____
CUSTOM BALE HAUL	67.00	BALE	0.36	24.12	_____
SUBTOTAL, HARVEST		ACRE		\$ 67.67	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 133.19	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS \$ 66.59/TON HAY					
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -23.19	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		7.79	_____
EQUIPMENT		ACRE		6.13	_____
LAND---NET SHARE-RENT		ACRE		2.75	_____
TOTAL FIXED COSTS		ACRE		\$ 16.67	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 149.86	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS \$ 74.93/TON HAY					
6. NET PROJECTED RETURNS		ACRE		\$ -39.86	\$ _____

LAND RENT BASED ON 33% OF GROSS INCOME LESS 33% OF FERT., BALING AND HAULING.

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OAT 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
CHISEL	7,30	AUG	1.00	0.233	0.176	1.70	1.05	0.0	2.61	5.35
DISK	7,34	AUG	1.00	0.224	0.170	1.71	1.01	0.0	2.61	5.33
DISK	7,34	SEPT	1.00	0.224	0.170	1.71	1.01	0.0	2.61	5.33
DRILL	8,36	SEPT	1.00	0.344	0.260	2.27	1.55	11.20	4.09	19.11
SPRAYER	5,48	OCT	0.33	0.055	0.042	0.26	0.25	1.32	0.33	2.16
TOTALS				1.080	0.818	7.66	4.86	12.52	12.25	37.29

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 HAY (DOLLARS)				
		44.00	49.50	55.00	60.50	66.00
QUANTITY OF HAY	TON					
	1.60	-43.40	-37.51	-31.61	-25.71	-19.82
	1.80	-42.04	-35.41	-28.77	-22.14	-15.51
	2.00	-40.68	-33.31	-25.94	-18.57	-11.20
	2.20	-39.32	-31.21	-23.10	-15.00	-6.89
	2.40	-37.95	-29.11	-20.27	-11.42	-2.58

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

SMALL GRAIN GRAZING, DRYLAND
TEXAS BLACKLAND REGION
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
SM. GR. PASTURE	7.00	AUM	0.0	0.0	_____
TOTAL PROJECTED RETURNS			\$	0.0	\$ _____
2. VARIABLE COSTS		INPUT USE			
PREHARVEST COSTS					
*SEED OATS	90.00	LB.	0.14	12.60	_____
*RYEGRASS SEED	20.00	LB.	0.29	5.80	_____
*NITROGEN	140.00	LB.	0.23	32.20	_____
*PHOSPHORUS	80.00	LB.	0.26	20.80	_____
FERTILIZER APPLI	2.00	ACRE	2.75	5.50	_____
*INSECT./SM.GRAIN	0.33	APPL	6.00	1.98	_____
FUEL & LUBE--TRACTOR		ACRE		4.63	_____
EQUIPMENT		ACRE		1.23	_____
REPAIRS-----TRACTOR		ACRE		1.03	_____
EQUIPMENT		ACRE		1.88	_____
LABOR-----MACHINERY	0.87	HOUR	4.50	3.89	_____
EQUIPMENT	0.56	HOUR	4.00	2.24	_____
OPERATING CAPITAL	58.65	DOL.	0.077	4.51	_____
SUBTOTAL, PREHARVEST		ACRE	\$	98.29	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE	\$	0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE	\$	98.29	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS		\$ 14.04/AUM	SM. GR. PASTURE		
3. INCOME ABOVE VARIABLE COSTS		ACRE	\$	-98.29	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		8.36	_____
EQUIPMENT		ACRE		6.11	_____
LAND-CASH RENT	1.00	ACRE	15.00	15.00	_____
TOTAL FIXED COSTS		ACRE	\$	29.47	\$ _____
5. TOTAL PROJECTED COSTS		ACRE	\$	127.76	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS		\$ 18.25/AUM	SM. GR. PASTURE		
6. NET PROJECTED RETURNS		ACRE	\$	-127.76	\$ _____

LAND RENT BASED ON RENTAL RATES IN REGION.

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SMALL GRAIN GRAZING, 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	AUG	1.00	0.159	0.121	1.48	0.72	0.0	2.59	4.79
DISK	2,35	AUG	1.00	0.153	0.116	1.62	0.69	0.0	2.59	4.90
DISK	2,35	SEPT	1.00	0.153	0.116	1.62	0.69	0.0	2.59	4.90
DRILL	4,36	SEPT	1.00	0.344	0.260	2.31	1.55	18.40	5.04	27.30
SPRAYER	5,48	OCT	0.33	0.055	0.042	0.26	0.25	1.98	0.33	2.82
TOTALS				0.865	0.655	7.30	3.89	20.38	13.13	44.70

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 SM. GR. PASTURE (DOLLARS)				
		11.23	12.64	14.04	15.45	16.85
AUM						
	5.60	-35.38	-27.52	-19.66	-11.79	-3.93
	6.30	-27.52	-18.67	-9.83	-0.98	7.86
QUANTITY OF SM. GR. PASTURE	7.00	-19.66	-9.83	0.0	9.83	19.66
	7.70	-11.79	-0.98	9.83	20.64	31.45
	8.40	-3.93	7.86	19.66	31.45	43.25

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

SUDAN PASTURE, 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					
*FORAGE SORG SEED	50.00	LB.	0.30	15.00	_____
*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	_____
FUEL & LUBE--TRACTOR		ACRE		6.02	_____
EQUIPMENT		ACRE		1.08	_____
REPAIRS-----TRACTOR		ACRE		1.34	_____
EQUIPMENT		ACRE		1.99	_____
LABOR-----MACHINERY	1.09	HOUR	4.50	4.92	_____
EQUIPMENT	0.49	HOUR	4.00	1.96	_____
OPERATING CAPITAL	30.13	DOL.	0.077	2.32	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 71.23	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 71.23	\$ _____
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -71.23	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		11.50	_____
EQUIPMENT		ACRE		6.79	_____
LAND-CASH RENT	1.00	ACRE	15.00	15.00	_____
TOTAL FIXED COSTS		ACRE		\$ 33.29	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 104.52	\$ _____
6. NET PROJECTED RETURNS		ACRE		\$ -104.52	\$ _____

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 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	SEPT	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	MAR	1.00	0.153	0.116	1.62	0.69	0.0	2.59	4.90
DRILL	4,36	MAR	1.00	0.344	0.260	2.31	1.55	15.00	5.04	23.90
SHREDDER	3,44	AUG	1.00	0.283	0.214	2.12	1.27	0.0	4.32	7.71
TOTALS				1.093	0.828	9.15	4.92	15.00	17.12	46.19

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

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
SORGHUM HAY	5.00	TON	55.00	275.00	_____
TOTAL PROJECTED RETURNS				\$ 275.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*FORAGE SORG SEED	50.00	LB.	0.30	15.00	_____
*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	_____
FUEL & LUBE--TRACTOR		ACRE		4.51	_____
EQUIPMENT		ACRE		1.08	_____
REPAIRS-----TRACTOR		ACRE		1.00	_____
EQUIPMENT		ACRE		1.73	_____
LABOR-----MACHINERY	0.81	HOUR	4.50	3.64	_____
EQUIPMENT	0.49	HOUR	4.00	1.96	_____
OPERATING CAPITAL	2.12	DOL.	0.077	0.16	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 67.99	\$ _____
HARVEST COSTS					
CUSTOM BALING	167.00	BALE	0.65	108.55	_____
CUSTOM BALE HAUL	167.00	BALE	0.36	60.12	_____
SUBTOTAL, HARVEST		ACRE		\$ 168.67	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 236.66	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 47.33/TON	SORGHUM HAY	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 38.34	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		8.10	_____
EQUIPMENT		ACRE		5.87	_____
LAND-CASH RENT	1.00	ACRE	15.00	15.00	_____
TOTAL FIXED COSTS		ACRE		\$ 28.97	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 265.63	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 53.13/TON	SORGHUM HAY	
6. NET PROJECTED RETURNS		ACRE		\$ 9.37	\$ _____

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SUDAN 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
DISK	2,35	NOV	1.00	0.153	0.116	1.62	0.69	0.0	2.59	4.90
DISK	2,35	MAR	1.00	0.153	0.116	1.62	0.69	0.0	2.59	4.90
DRILL	4,36	MAR	1.00	0.344	0.260	2.31	1.55	15.00	5.04	23.90
CHISEL	2,31	SEPT	1.00	0.159	0.121	1.48	0.72	0.0	2.59	4.79
TOTALS				0.810	0.614	7.04	3.64	15.00	12.80	38.48

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 HAY (DOLLARS)				
		44.00	49.50	55.00	60.50	66.00
QUANTITY OF SORGHUM HAY	TON					
	4.00	-26.92	-4.92	17.08	39.08	61.08
	4.50	-21.79	2.96	27.71	52.46	77.21
	5.00	-16.66	10.84	38.34	65.84	93.34
	5.50	-11.52	18.73	48.98	79.23	109.48
	6.00	-6.39	26.61	59.61	92.61	125.61

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

HARD WINTER WHEAT, DRYLAND, TEXAS BLACKLAND REGION
 1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
WHEAT	35.00	BU.	3.30	115.50	_____
DEFICIENCY PMT.	35.00	BU.	1.15	40.25	_____
TOTAL PROJECTED RETURNS				\$ 155.75	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*SEED	100.00	LB.	0.20	20.00	_____
NITROGEN	80.00	LB.	0.23	18.40	_____
PHOSPHORUS	50.00	LB.	0.26	13.00	_____
FERTILIZER APPLI	2.00	ACRE	2.75	5.50	_____
RHONOX	0.67	PINT	2.24	1.50	_____
FUEL & LUBE---TRACTOR		ACRE		6.05	_____
REPAIRS-----TRACTOR		ACRE		1.55	_____
EQUIPMENT		ACRE		1.60	_____
LABOR-----MACHINERY	1.10	HR	4.50	4.94	_____
OPERATING CAPITAL	28.27	DOL.	0.077	2.17	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 74.72	\$ _____
HARVEST COSTS					
CUST HARV WHEAT	1.00	ACRE	12.00	12.00	_____
HAUL WHEAT	35.00	BU.	0.12	4.20	_____
SUBTOTAL, HARVEST		ACRE		\$ 16.20	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 90.92	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 1.45/BU.	WHEAT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 64.83	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		9.43	_____
EQUIPMENT		ACRE		5.55	_____
LAND---NET SHARE-RENT		ACRE		33.87	_____
TOTAL FIXED COSTS		ACRE		\$ 48.86	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 139.78	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 2.84/BU.	WHEAT	
6. NET PROJECTED RETURNS		ACRE		\$ 15.97	\$ _____

LAND RENT IS BASED ON 33% OF GROSS INCOME LESS 33% OF FERTILIZER, HARVEST & HAUL. MARKET PRICE BASED ON LOAN RATE. 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.

HARD WINTER WHEAT, 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
CHISEL	1,31	SEPT	1.00	0.159	0.121	1.81	0.72	0.0	2.13	4.66
DRILL	5,36	OCT	1.00	0.344	0.260	1.53	1.55	20.00	4.26	27.34
TOTALS				1.099	0.832	9.20	4.94	20.00	14.99	49.13

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 WHEAT	PRICE OF WHEAT (DOLLARS)				
	2.64	2.97	3.30	3.63	3.96
BU.					
28.00	-1.73	4.46	10.65	16.84	23.03
31.50	6.87	13.84	20.80	27.77	34.73
35.00	15.48	23.22	30.95	38.69	46.43
38.50	24.08	32.60	41.11	49.62	58.13
42.00	32.69	41.98	51.26	60.55	69.83

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

CORN FOLLOWING COTTON, TEXAS BLACKLAND REGION
 CONSERVATION TILLAGE
 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	16.00	LB.	1.25	20.00	_____
*NITROGEN	30.00	LB.	0.23	6.90	_____
*PHOSPHORUS	60.00	LB.	0.26	15.60	_____
*NITROGEN (LIQ)	96.00	LB.	0.26	24.96	_____
FERTILIZER APPLI	3.00	ACRE	2.75	8.25	_____
*BICEP	0.40	GAL.	20.80	8.32	_____
*POTASSIUM	30.00	LB.	0.24	7.20	_____
*FURADAN	7.00	LB.	1.50	10.50	_____
FUEL & LUBE--TRACTOR		ACRE		5.06	_____
REPAIRS-----TRACTOR		ACRE		1.14	_____
EQUIPMENT		ACRE		2.35	_____
LABOR-----MACHINERY	0.81	HOUR	4.50	3.65	_____
OPERATING CAPITAL	46.34	DOL.	0.077	3.56	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 117.50	\$ _____
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		\$ 142.30	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 1.55/BU.	CORN	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 97.80	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		9.90	_____
EQUIPMENT		ACRE		4.08	_____
LAND---NET SHARE-RENT		ACRE		46.82	_____
TOTAL FIXED COSTS		ACRE		\$ 60.80	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 203.10	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 2.42/BU.	CORN	
6. NET PROJECTED RETURNS		ACRE		\$ 37.00	\$ _____

LAND RENT BASED ON 33% OF GROSS INCOME LESS 33% OF FERT., INSECT., HARVEST/HAUL.
 GOVERNMENT PAYMENT NOT INCLUDED.
 ONE 50 LB. BAG OF SEED CORN CONTAINS 80000 KERNELS.

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CORN FOLLOWING COTTON, TEXAS BLACKLAND REGION
 CONSERVATION TILLAGE
 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
DISK	34	OCT	1.00	0.0	0.170	0.31	0.0	0.0	0.60	0.91
SWEEP CULTIVATOR	2,32	NOV	1.00	0.131	0.099	1.33	0.59	0.0	1.93	3.86
ROLLING CULTIV.	2,47	DEC	1.00	0.085	0.064	0.86	0.38	0.0	1.24	2.48
PLANTER	2,42	FEB	1.00	0.181	0.137	2.59	0.82	38.82	3.96	46.19
SWEEP CULTIVATOR	2,32	MAR	1.00	0.131	0.099	1.33	0.59	0.0	1.93	3.86
TOTALS				0.811	0.785	8.55	3.65	38.82	13.98	65.00

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	-2.02	9.05	20.12	31.19	42.25
63.00	10.64	23.10	35.55	48.00	60.45
70.00	23.31	37.14	50.98	64.81	78.65
77.00	35.97	51.19	66.41	81.63	96.85
84.00	48.63	65.23	81.84	98.44	115.04

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

COTTON FOLLOWING CORN, TEXAS BLACKLAND REGION
CONSERVATION TILLAGE
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED		PROJECTED		YOUR ESTIMATE
	YIELD	UNIT	\$/UNIT	VALUE	
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					
INPUT USE					
PREHARVEST COSTS					
*SEED	18.00	LB.	0.51	9.18	_____
*NITROGEN	24.00	LB.	0.23	5.52	_____
*PHOSPHORUS	48.00	LB.	0.26	12.48	_____
*TREFLAN	1.00	QT.	6.25	6.25	_____
*CAPAROL	1.00	LB.	5.00	5.00	_____
*BIDRIN	0.38	LB.	6.90	2.59	_____
*CYGON	4.00	OZ.	0.22	0.88	_____
*GALECRON	3.00	APPL	1.67	5.01	_____
INSECT. APPLI.	3.00	APPL	2.75	8.25	_____
*NITROGEN (LIQ)	32.00	LB.	0.26	8.32	_____
*POTASSIUM	24.00	LB.	0.24	5.76	_____
*ROUNDUP	0.03	GAL.	68.60	2.06	_____
*DUAL	1.00	PINT	5.71	5.71	_____
FERTILIZER APPLI	2.00	ACRE	2.75	5.50	_____
FUEL & LUBE--TRACTOR		ACRE		10.51	_____
REPAIRS-----TRACTOR		ACRE		2.37	_____
EQUIPMENT		ACRE		4.46	_____
LABOR-----MACHINERY	1.74	HOUR	4.50	7.81	_____
OPERATING CAPITAL	38.09	DOL.	0.077	2.93	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 110.59	\$ _____
HARVEST COSTS					
*DESICCANT	0.50	GAL.	10.50	5.25	_____
STRIP & HAUL	18.00	CWT.	1.55	27.90	_____
GIN, BAG, TIES	18.00	CWT.	2.25	40.50	_____
*ARSENIC ACID	0.50	GAL.	10.50	5.25	_____
FUEL & LUBE--TRACTOR		ACRE		1.80	_____
REPAIRS-----TRACTOR		ACRE		0.40	_____
EQUIPMENT		ACRE		0.71	_____
LABOR-----MACHINERY	0.34	HOUR	4.50	1.51	_____
SUBTOTAL, HARVEST		ACRE		\$ 83.31	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 193.90	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.21/LB.	COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 134.40	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		25.13	_____
EQUIPMENT		ACRE		5.39	_____
LAND---NET SHARE-RENT		ACRE		58.37	_____
TOTAL FIXED COSTS		ACRE		\$ 88.90	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 282.80	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.44/LB.	COTTON LINT	
6. NET PROJECTED RETURNS		ACRE		\$ 45.50	\$ _____

LAND RENT IS BASED ON 25% OF GROSS INCOME LESS 25% OF FERTILIZER, INSECTICIDE, GIN-BAG-TIES

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COTTON FOLLOWING CORN, TEXAS BLACKLAND REGION
 CONSERVATION TILLAGE
 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
ROLLING CULTIV.	2,47	NOV	1.00	0.085	0.064	0.86	0.38	0.0	1.24	2.48
SPRAYER	3,48	NOV	1.00	0.168	0.127	1.45	0.75	6.25	2.23	10.69
ROLLING CULTIV.	2,47	FEB	1.00	0.085	0.064	0.86	0.38	0.0	1.24	2.48
PLANTER	2,42	APR	1.00	0.181	0.137	2.59	0.82	9.18	3.96	16.55
SPRAYER	3,48	APR	1.00	0.168	0.127	1.45	0.75	10.71	2.23	15.15
SWEEP CULTIVATOR	2,32	MAY	2.00	0.262	0.198	2.67	1.18	0.0	3.87	7.72
ROPE WICK	51	MAY	1.00	0.0	0.064	0.06	0.0	1.37	0.05	1.48
SPRAYER	3,48	MAY	3.00	0.503	0.381	4.36	2.26	3.47	6.69	16.78
SWEEP CULTIVATOR	2,32	JUNE	1.00	0.131	0.099	1.33	0.59	0.0	1.93	3.86
ROPE WICK	51	JUNE	1.00	0.0	0.064	0.06	0.0	0.69	0.05	0.80
DISK	2,35	SEPT	1.00	0.153	0.116	1.62	0.69	0.0	2.59	4.90
SPRAYER	3,48	SEPT	2.00	0.335	0.254	2.91	1.51	10.50	4.46	19.37
TOTALS				2.071	1.698	20.25	9.32	42.17	30.53	102.26

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF COTTON LINT
 (DOLLARS)

	0.44	0.49	0.55	0.60	0.66
LB.					
320.00	14.14	27.34	40.54	53.74	66.94
360.00	28.58	43.43	58.28	73.13	87.98
400.00	43.03	59.53	76.03	92.53	109.02
440.00	57.47	75.62	93.77	111.92	130.07
480.00	71.92	91.72	111.51	131.31	151.11