

SOYBEANS, IRRIGATED, (NATURAL GAS), TEXAS HIGH PLAINS II REGION
 1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
SOYBEANS	40.00	BU.	10.00	400.00	
TOTAL PROJECTED RETURNS				\$ 400.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SOYBEAN SEED	60.00	LB.	0.15	9.00	
*HERBICIDE	1.00	ACRE	12.00	12.00	
IRRIGATION WATER	14.00	ACIN			
FUEL & LUBE---TRACTOR		ACRE		24.75	
EQUIPMENT		ACRE		2.62	
IRRIGATION		ACRE		41.30	
REPAIRS-----TRACTOR		ACRE		5.89	
EQUIPMENT		ACRE		2.75	
IRRIGATION		ACRE		6.44	
LABOR-----MACHINERY	3.36	HOUR	5.50	18.46	
IRRIGATION	1.40	HOUR	5.50	7.70	
EQUIPMENT	1.19	HOUR	5.50	6.54	
OPERATING CAPITAL	20.52	DOL.	0.120	2.46	
SUBTOTAL, PREHARVEST		ACRE		\$ 139.92	\$
HARVEST COSTS					
CUSTOM HARVEST	1.00	ACRE	10.00	10.00	
CUST HAUL	40.00	BU.	0.10	4.00	
SUBTOTAL, HARVEST		ACRE		\$ 14.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 153.92	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 3.85/BU.	SOYBEANS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 246.08	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		31.51	
EQUIPMENT		ACRE		13.05	
LAND---NET SHARE-RENT		ACRE		102.37	
IRRIG. EQUIP.	14.00	ACIN	1.06	14.84	
TOTAL FIXED COSTS		ACRE		\$ 161.77	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 315.69	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 7.89/BU.	SOYBEANS	
6. NET PROJECTED RETURNS		ACRE		\$ 84.31	\$

LAND (NET RENT) BASED ON 33% OF GROSS INCOME LESS 33% OF FERT, GAS, CHEM, HARVEST, HAUL AND 50% OF FIXED IRRIG COSTS. GOVT PROGRAM NOT INCL.

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SOYBEANS, IRRIGATED, (NATURAL GAS), TEXAS HIGH PLAINS II REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
SHREDDER 4R	2,57	NOV	1.00	0.277	0.210	2.64	1.52	0.0	3.73	7.89
OFFSET DISC	2,43	NOV	1.00	0.104	0.079	1.24	0.57	0.0	2.10	3.92
TANDEM DISC	2,40	DEC	1.00	0.208	0.158	2.07	1.15	0.0	2.64	5.86
OFFSET DISC	2,42	FEB	1.00	0.208	0.158	2.17	1.15	0.0	3.04	6.35
BOX FLOAT	2,60	MAR	1.00	0.432	0.327	3.96	2.38	0.0	4.39	10.73
TANDEM DISC	2,40	MAR	2.00	0.417	0.316	4.15	2.29	0.0	5.28	11.72
LISTER 8 ROW	2,90	MAR	1.00	0.114	0.086	1.10	0.63	0.0	1.32	3.05
BOX FLOAT	2,60	APR	1.00	0.432	0.327	3.96	2.38	0.0	4.39	10.73
TANDEM DISC	2,40	APR	2.00	0.417	0.316	4.15	2.29	0.0	5.28	11.72
HERB SPR/DISC	61	APR	1.00	0.0	0.158	0.01	0.0	12.00	0.16	12.17
LISTER 8 ROW	2,90	APR	1.00	0.114	0.086	1.10	0.63	0.0	1.32	3.05
ROLLING CULT	2,30	APR	1.00	0.194	0.147	1.97	1.07	0.0	2.30	5.34
LISTER-PLNTR 8R	2,72	MAY	1.00	0.114	0.086	1.17	0.63	9.00	1.62	12.42
ROLLING CULT	2,30	JUNE	1.00	0.194	0.147	1.97	1.07	0.0	2.30	5.34
FURROW OPENER	2,86	JULY	1.00	0.132	0.100	1.29	0.73	0.0	1.43	3.44
TOTALS				3.357	2.701	32.96	18.46	21.00	41.31	113.73

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	MAR	6.00	0.600	0.0	20.46	3.30	0.0	6.36	30.12
WATER APPLICATION	JULY	4.00	0.400	0.0	13.64	2.20	0.0	4.24	20.08
WATER APPLICATION	AUG	4.00	0.400	0.0	13.64	2.20	0.0	4.24	20.08
TOTALS		14.00	1.400	0.0	47.74	7.70	0.0	14.84	70.28

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 SOYBEANS
(DOLLARS)

		8.00	9.00	10.00	11.00	12.00
QUANTITY OF SOYBEANS	BU.					
	32.00	47.76	69.20	90.64	112.08	133.52
	36.00	68.94	93.06	117.18	141.30	165.42
	40.00	90.11	116.91	143.71	170.51	197.31
	44.00	111.28	140.76	170.24	199.72	229.20
	48.00	132.45	164.61	196.77	228.93	261.09

PERMANENT PASTURE ESTABLISHMENT, IRRIGATED, TEXAS HIGH PLAINS II REGN
 1983 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					
INPUT USE					
PREHARVEST COSTS					
*SEED	15.00	LB.	1.00	15.00	
*SEED	5.00	LB.	1.00	5.00	
FERT (N) APPL'D	150.00	LB.	0.14	21.00	
FERT (P) APPL'D	50.00	LB.	0.10	5.00	
IRRIGATION WATER	12.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		12.84	
EQUIPMENT		ACRE		1.08	
IRRIGATION		ACRE		35.40	
REPAIRS-----TRACTOR		ACRE		3.20	
EQUIPMENT		ACRE		2.34	
IRRIGATION		ACRE		5.52	
LABOR-----MACHINERY	1.82	HOUR	5.50	10.01	
IRRIGATION	1.20	HOUR	5.50	6.60	
EQUIPMENT	0.49	HOUR	5.50	2.69	
OPERATING CAPITAL	28.48	DOL.	0.120	3.42	
SUBTOTAL, PREHARVEST		ACRE		\$ 129.10	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$
TOTAL VARIABLE COSTS		ACRE		\$ 129.10	\$
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -129.10	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		17.09	
EQUIPMENT		ACRE		7.01	
LAND-CASH RENT	1.00	ACRE	25.00	25.00	
IRR EQUIP (50%)	12.00	ACIN	0.53	6.36	
TOTAL FIXED COSTS		ACRE		\$ 55.45	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 184.55	\$
6. NET PROJECTED RETURNS		ACRE		\$ -184.55	\$

LAND CHARGE BASED ON \$25/ACRE (1/2 ANNUAL RENTAL) LESS 50 PERCENT OF
IRRIGATION FIXED COSTS. NATURAL GAS

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NOT INTENDED TO RECOGNIZE OR PREDICT THE COSTS AND RETURNS FROM ANY
ONE PARTICULAR FARM OR RANCH OPERATION. THESE PROJECTIONS WERE
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PERMANENT PASTURE ESTABLISHMENT, IRRIGATED, TEXAS HIGH PLAINS II REGN
 1983 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
MLBD ROLLOVER	2,46	JULY	1.00	0.571	0.432	6.47	3.14	0.0	7.95	17.56
TANDEM DISC	2,40	JULY	1.00	0.208	0.158	2.07	1.15	0.0	2.64	5.86
TANDEM DISC	2,40	AUG	1.00	0.208	0.158	2.07	1.15	0.0	2.64	5.86
PACKER	2,53	AUG	1.00	0.272	0.206	2.52	1.50	0.0	2.65	6.67
GRAIN DRILL	2,58	AUG	1.00	0.288	0.218	2.54	1.58	20.00	4.23	28.35
PACKER	2,53	AUG	1.00	0.272	0.206	2.52	1.50	0.0	2.65	6.67
TOTALS				1.820	1.379	18.20	10.01	20.00	22.76	70.97

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	NOV	4.00	0.400	0.0	13.64	2.20	0.0	2.12	17.96
WATER APPLICATION	AUG	4.00	0.400	0.0	13.64	2.20	0.0	2.12	17.96
WATER APPLICATION	SEPT	4.00	0.400	0.0	13.64	2.20	0.0	2.12	17.96
TOTALS		12.00	1.200	0.0	40.92	6.60	0.0	6.36	53.88

PERMANENT PASTURE, IRRIGATED, (NATURAL GAS), TEXAS HIGH PLAINS II REGN
 1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
PASTURE	1.00	ACRE	0.0	0.0	
TOTAL PROJECTED RETURNS				\$ 0.0	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
FERT (N) APPL'D	100.00	LB.	0.14	14.00	
FERT (P) APPL'D	40.00	LB.	0.10	4.00	
IRRIGATION WATER	26.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		1.70	
IRRIGATION		ACRE		76.70	
REPAIRS-----TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		0.28	
IRRIGATION		ACRE		11.96	
LABOR-----MACHINERY	0.0	HOUR	5.50	0.0	
IRRIGATION	2.60	HOUR	5.50	14.30	
EQUIPMENT	0.77	HOUR	5.50	4.23	
OPERATING CAPITAL	44.94	DOL.	0.120	5.39	
SUBTOTAL, PREHARVEST		ACRE		\$ 132.56	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$
TOTAL VARIABLE COSTS		ACRE		\$ 132.56	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$132.56/ACRE PASTURE		
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -132.56	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		2.10	
PRORATED ESTABL	184.55	DOL.	0.15	27.68	
LAND-CASH RENT	1.00	ACRE	50.00	50.00	
IRR EQUIP (50%)	26.00	ACIN	0.53	13.78	
TOTAL FIXED COSTS		ACRE		\$ 93.57	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 226.13	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$226.13/ACRE PASTURE		
6. NET PROJECTED RETURNS		ACRE		\$ -226.13	\$

LAND CHARGE BASED ON \$50/ACRE LESS 50 PERCENT OF IRRIGATION FIXED COSTS.
 ESTABLISHMENT COSTS PRORATED OVER 7 YEARS.

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PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 02/22/83.

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PERMANENT PASTURE, IRRIGATED, (NATURAL GAS), TEXAS HIGH PLAINS II REGN
1983 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
TOTALS				0.0	0.0	0.0	0.0	0.0	0.0	0.0

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	MAR	6.00	0.600	0.0	20.46	3.30	0.0	3.18	26.94
WATER APPLICATION	APR	4.00	0.400	0.0	13.64	2.20	0.0	2.12	17.96
WATER APPLICATION	MAY	4.00	0.400	0.0	13.64	2.20	0.0	2.12	17.96
WATER APPLICATION	JUNE	4.00	0.400	0.0	13.64	2.20	0.0	2.12	17.96
WATER APPLICATION	JULY	4.00	0.400	0.0	13.64	2.20	0.0	2.12	17.96
WATER APPLICATION	AUG	4.00	0.400	0.0	13.64	2.20	0.0	2.12	17.96
TOTALS		26.00	2.600	0.0	88.66	14.30	0.0	13.78	116.74

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 PASTURE
(DOLLARS)

		106.05	119.31	132.56	145.82	159.08
QUANTITY OF PASTURE	ACRE					
	0.80	-37.72	-27.12	-16.51	-5.91	4.70
	0.90	-32.12	-20.19	-8.26	3.67	15.61
	1.00	-26.51	-13.26	0.0	13.26	26.51
	1.10	-20.91	-6.33	8.26	22.84	37.42
	1.20	-15.30	0.60	16.51	32.42	48.33

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

SUGAR BEETS, IRRIGATED, (NAT GAS), TEX HIGH PLAINS II REGN
 1983 PROJECTED COSTS AND RETURNS PER ACRE
 HIGH LEVEL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR
			\$/UNIT	VALUE	ESTIMATE
1. GROSS RECEIPTS					
SUGAR BEETS	20.00	TON	36.00	<u>720.00</u>	
TOTAL PROJECTED RETURNS				\$ <u>720.00</u>	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SUGAR BEET SEED	10.00	LB.	2.60	26.00	_____
FERT (N) APPL'D	75.00	LB.	0.14	10.50	_____
INSECTICIDE	1.00	ACRE	28.50	28.50	_____
*HERBICIDE	1.00	ACRE	58.00	58.00	_____
FUNGICIDE	4.00	APPL	8.00	32.00	_____
HOEING LABOR	8.00	HOUR	5.00	40.00	_____
IRRIGATION WATER	30.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		19.84	_____
EQUIPMENT		ACRE		2.62	_____
IRRIGATION		ACRE		71.40	_____
REPAIRS-----TRACTOR		ACRE		3.96	_____
EQUIPMENT		ACRE		3.69	_____
IRRIGATION		ACRE		8.40	_____
LABOR-----MACHINERY	2.24	HOUR	5.50	12.33	_____
IRRIGATION	3.00	HOUR	5.50	16.50	_____
EQUIPMENT	1.19	HOUR	5.50	6.54	_____
OPERATING CAPITAL	119.72	DOL.	0.120	14.37	_____
SUBTOTAL, PREHARVEST		ACRE		\$ <u>354.65</u>	\$ _____
HARVEST COSTS					
CUST HAUL & HARV	20.00	TON	4.50	<u>90.00</u>	_____
SUBTOTAL, HARVEST		ACRE		\$ <u>90.00</u>	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ <u>444.65</u>	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS \$ 22.23/TON SUGAR BEETS					
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ <u>275.35</u>	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		28.48	_____
EQUIPMENT		ACRE		14.47	_____
LAND---NET SHARE-RENT		ACRE		110.10	_____
IRRIG. EQUIP.	30.00	ACIN	1.06	<u>31.80</u>	_____
TOTAL FIXED COSTS		ACRE		\$ <u>184.85</u>	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ <u>629.50</u>	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS \$ 31.48/TON SUGAR BEETS					
6. NET PROJECTED RETURNS		ACRE		\$ <u>90.50</u>	\$ _____

LAND CHARGE BASED ON 1/5 OF GROSS LESS 1/5 OF HARVEST, HAULING &
 50% OF IRRIGATION FIXED COSTS. BEETS ARE 14% SUGAR.

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SUGAR BEETS, IRRIGATED, (NAT GAS), TEX HIGH PLAINS II REGN
1983 PROJECTED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. MACH INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
CHISEL	1,79	JAN	2.00	0.263	0.199	3.26	1.45	0.0	4.50	9.20
TANDEM DISC	1,76	JAN	1.00	0.146	0.110	1.75	0.80	0.0	2.67	5.22
HERB SPR/DISC	61	JAN	1.00	0.0	0.158	0.01	0.0	58.00	0.16	58.17
BOX FLOAT	1,95	FEB	1.00	0.222	0.168	2.46	1.22	0.0	3.09	6.77
LISTER 8 ROW	1,90	FEB	1.00	0.114	0.086	1.27	0.63	0.0	1.70	3.60
BED PLNTR 8R	1,74	FEB	1.00	0.152	0.115	1.90	0.83	26.00	2.92	31.66
ROLLING CULTIVAT	1,66	MAR	2.00	0.292	0.222	3.48	1.61	0.0	4.74	9.83
ROLLING CULTIVAT	1,66	APR	2.00	0.292	0.222	3.48	1.61	0.0	4.74	9.83
ROLLING CULTIVAT	1,66	MAY	2.00	0.292	0.222	3.48	1.61	0.0	4.74	9.83
CULTIVATOR 8 ROW	1,69	JUNE	1.00	0.156	0.118	1.79	0.86	0.0	3.11	5.75
OFFSET DISC	1,78	AUG	1.00	0.104	0.079	1.39	0.57	0.0	2.45	4.42
OFFSET DISC	1,78	SEPT	2.00	0.208	0.158	2.79	1.15	0.0	4.90	8.83
TOTALS				2.242	1.856	27.06	12.33	84.00	39.70	163.09

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. IRRIG INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	APR	10.00	1.000	0.0	26.60	5.50	0.0	10.60	42.70
WATER APPLICATION	JUNE	5.00	0.500	0.0	13.30	2.75	0.0	5.30	21.35
WATER APPLICATION	JULY	5.00	0.500	0.0	13.30	2.75	0.0	5.30	21.35
WATER APPLICATION	AUG	5.00	0.500	0.0	13.30	2.75	0.0	5.30	21.35
WATER APPLICATION	SEPT	5.00	0.500	0.0	13.30	2.75	0.0	5.30	21.35
TOTALS		30.00	3.000	0.0	79.80	16.50	0.0	31.80	128.10

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF SUGAR BEETS
(DOLLARS)

		28.80	32.40	36.00	39.60	43.20
QUANTITY OF SUGAR BEETS	TON					
	16.00	-27.71	18.37	64.45	110.53	156.61
	18.00	11.17	63.01	114.85	166.69	218.53
	20.00	50.05	107.65	165.25	222.85	280.45
	22.00	88.93	152.29	215.65	279.01	342.37
	24.00	127.81	196.93	266.05	335.17	404.29

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

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
6	GRAIN SORGHUM		CWT.	64.25	291	SD COTTON-UPLAND		LB.	0.30
8	FEEDER STEERS		CWT.	62.50	319	CUSTOM DRYING		BU.	0.12
13	STEER CALVES		CWT.	67.50	322	CUSTOM HAULING		BU.	0.05
14	HEIFER CALVES		CWT.	60.75	340	CUSTOM BALING		BALE	0.60
17	CULL COWS		CWT.	36.50	363	HOEING LABOR		HOUR	5.00
70	DEFICIENCY PMT.	WHET	BU.	0.65	383	MARKETING		HEAD	5.00
71	DEFICIENCY PMT.	SORG	CWT.	0.36	395	FENCE REPAIR		HEAD	4.00
72	CORN		BU.	2.56	396	WATER FACIL REPR		HEAD	2.50
73	GRAIN SORGHUM		CWT.	4.19	398	CORRAL REPAIR		HEAD	1.55
76	WHEAT		BU.	3.28	400	MISC EXPENSE		DOL.	1.00
82	SUNFLOWER		CWT.	11.00	409	VET & PROCESSING		DOL.	1.00
89	SUGAR BEETS		TON	36.00	410	VET MEDICINE	LIVE	DOL.	1.00
90	DEFICIENCY PMT.	COTT	LB.	0.21	441	GIN,BAG, TIES		CWT.	1.75
91	DEFICIENCY PMT.	CORN	BU.	0.21	451	HAIL INSURANCE		DOL.	0.15
93	COTTON LINT		LB.	0.49	465	IRRIG. EQUIP.	FURR	ACIN	1.06
94	COTTONSEED		TON	90.00	466	IRRIG. EQUIP.	SPRI	ACIN	1.61
98	SOYBEANS		BU.	10.00	467	IRR EQUIP (50%)	FURR	ACIN	0.53
103	SALT & MIN.		LB.	0.07	485	HAULING & MKTG.	STOC	CWT.	1.20
107	COTTONSEED CAKE		LB.	0.10	502	HAYALFALFA		TON	60.00
146	DEATH LOSS		DOL.	400.00	509	HERBICIDE	COTT	ACRE	6.00
153	PASTURE RENT		ACRE	4.00	513	INSECTICIDE	WHET	APPL	5.50
161	CORN SILAGE		TON	16.00	514	CSTM HAUL WHEAT		BU.	0.10
170	HAY		BALE	2.00	516	CUSTOM HAUL	GS	CWT.	0.25
175	SORGHUM HAY		TON	50.00	517	INSECTICIDE	GS	ACRE	8.00
177	RANGE IMPROVEMEN		ACRE	0.40	526	HERBICIDE	SB	ACRE	12.00
179	WHEAT PASTURE		DAYS	0.26	527	CUSTOM HARVEST	SOYB	ACRE	10.00
180	WHEAT GRAZING		DAYS	0.15	530	INSECT. CORN		ACRE	30.00
181	SEED WHEAT		BU.	6.00	531	HERBICIDE	CORN	ACRE	12.00
183	SUGAR BEET SEED		LB.	2.60	534	GRAZING	SORG	LB.	0.40
184	SEED CORN/GRAIN		BAGS	48.00	536	CUST HAUL	SB	BU.	0.10
185	SEED CORN/SILAGE		BAGS	54.00	537	HERBICIDE	SUGB	ACRE	58.00
186	GRAIN SORG. SEED		LB.	0.60	538	CUST HAUL & HARV	SUGB	TON	4.50
187	FORAGE SORG SEED		LB.	0.60	539	INSECTICIDE	SUGB	ACRE	28.50
188	ALFALFA SEED		LB.	2.39	540	FENCE REPAIR	STKR	DAYS	0.05
189	SOYBEAN SEED		LB.	0.15	542	HERBICIDE	GSI	ACRE	9.00
200	SEED		LB.	1.00	543	HERBICIDE	SUNF	ACRE	6.00
201	SUNFLOWER SEED		LB.	2.00	545	INSECTICIDE	SUNF	PINT	1.50
205	FERT (N) APPL'D		LB.	0.14	546	AERIAL SPRAY	SUNF	ACRE	3.00
206	FERT (P) APPL'D		LB.	0.10	548	HAULING	SUNF	CWT.	0.40
211	NITROGEN		LB.	0.17					
239	FUNGICIDE		APPL	8.00					
247	HERBICIDE APPLD	WHET	ACRE	4.00					
250	HERBICIDE	SORG	ACRE	6.00					
251	2-4-D		ACRE	12.00					
268	CUSTOM HARVEST	WHET	BU.	0.10					
269	CUSTOM HARVEST	WHET	ACRE	10.00					
270	CUSTOM HARVEST	SORG	ACRE	8.00					
271	CUSTOM HARVEST	SORG	CWT.	0.35					
272	CUSTOM HARVEST	CORN	BU.	0.25					
275	CUSTOM HARV&HAUL		CWT.	1.25					

1 = HEAD	6 = BALE	11 = ACIN	15 = DOL.	19 = FEET	23 = CRTN	27 = EACH
2 = BU.	7 = ACRE	12 = LB.	16 = CWT.	20 = APPL	24 = CRAT	28 = GPM
3 = TON	8 = HOUR	13 = PINT	17 = OZ.	21 = SQFT	25 = BAGS	29 = KWH
4 = DOZ.	9 = DAYS	14 = QT.	18 = MILE	22 = LBGN	26 = TREE	30 = MCF
5 = GAL.	10 = AUM					

TABLE . DEFAULT PARAMETER VALUES AND DEFINITIONS
 REGION: 2 DATE: 022283

ROW	PARAMETER DEFINITION	DEFAULT VALUE
1.	PRICE PER GALLON OF GASOLINE	1.0500
2.	PRICE PER GALLON OF L.P. GAS	0.6500
3.	PRICE PER GALLON OF DIESEL	1.1500
4.	PRICE PER KILOWATT HOUR OF ELECTRICITY	0.0400
5.	PRICE PER 1000 CU. FT. OF NATURAL GAS	0.0
6.	NOMINAL INTEREST RATE	0.1200
7.	MACHINERY INSUR. RATE (AVERAGE INVESTMENT)	0.0100
8.	MACHINERY TAX RATE (PURCHASE VALUE)	0.0050
9.	IRRIGATION SYSTEM NUMBER	1.
10.	HOURLY MACHINERY WAGE RATE	5.50
11.	HOURLY OTHER LABOR WAGE RATE	5.50
12.	HOURLY IRRIG./LIVESTOCK WAGE RATE	5.50
13.	DEATH LOSS (PERCENT OF TOTAL RECEIPTS)	0.0
14.	LIVESTOCK INSUR. RATE (AVERAGE INVESTMENT)	0.0100
15.	EQUIPMENT INSUR. RATE (AVERAGE INVESTMENT)	0.0100
16.	LIVESTOCK TAX RATE (AVERAGE VALUE)	0.0050
17.	EQUIPMENT TAX RATE (AVERAGE VALUE)	0.0050
18.	IRRIGATION LABOR MULTIPLIER (HRS/ACIN)	0.0840
19.	FACTOR TO CONVERT MACHINE HRS TO TRACTOR HRS	1.1000
20.	FACTOR TO CONVERT TRACTOR HRS TO LABOR HRS	1.2000
21.	FACTOR TO CONVERT SELF-POWERED MACHINERY HRS TO LABOR HRS	1.2500
22.	LUBRICATION COST MULTIPLE OF MACHINERY FUEL COSTS	0.1000
23.	INFLATION RATE	0.0
24.	LUBRICATION COST MULTIPLE OF EQUIPMENT FUEL COSTS	0.0500

LISTING OF ECONOMIC AND ENGINEERING DATA FOR MACHINERY IN REGION 2

DATE:022283

OUT4

MACHINE	1 CODE NO.	2 WIDTH (FT)	3 LIST PRICE	4 SPEED (MPH)	5 FIELD EFF.	6 RC1	7 AGE (HRS)	8 RC3	9 ANNUAL HRS	10 YEARS OWNED	11 RFV1	12 RFV2	13 PURCH PRICE	14 FUEL TYPE	15 LIFE (HRS)	16 HP
TRACTOR	1.	150.0	44350.	4.5	0.88	1.20	0.	1.60	500.	7.	0.68	0.92	40100.	3.	12000.	150.
TRACTOR	2.	125.0	39550.	4.5	0.88	1.20	0.	1.60	600.	7.	0.68	0.92	35600.	3.	12000.	125.
TRACTOR	3.	100.0	32600.	4.5	0.88	1.20	0.	1.60	500.	7.	0.68	0.92	29340.	3.	12000.	100.
TRACTOR	4.	75.0	21100.	4.5	0.88	1.20	0.	1.60	300.	7.	0.68	0.92	18890.	3.	12000.	75.
TRACTOR	5.	40.0	12100.	4.5	0.88	1.20	0.	1.60	300.	7.	0.68	0.92	10890.	3.	12000.	40.
TRACTOR 4 WH DR	6.	225.0	66000.	4.5	0.88	1.20	0.	1.60	600.	7.	0.68	0.92	59400.	3.	12000.	225.
PICKUP TRUCK	10.	0.5	8500.	30.0	0.88	0.80	0.	1.60	700.	3.	0.60	0.88	7650.	1.	2800.	30.
PICKUP 4 WH DR.	11.	0.5	8300.	30.0	0.88	0.80	0.	1.60	700.	3.	0.60	0.88	7000.	1.	4000.	1.
COTTON STRIPR SP	14.	6.6	45000.	2.8	0.87	0.60	0.	1.60	300.	7.	0.60	0.88	40000.	3.	2100.	105.
COMBINE	17.	24.0	78185.	3.0	0.65	0.33	0.	1.80	200.	7.	0.64	0.92	65000.	3.	2000.	185.
SWATHER S.P.	23.	14.0	26000.	5.0	0.77	1.00	0.	1.30	300.	5.	0.66	0.88	25000.	3.	1500.	100.
ROLLING CULT	30.	20.0	3500.	3.5	0.80	1.00	0.	1.80	200.	7.	0.60	0.88	3200.	0.	2000.	0.
ROLLING CULT	31.	26.8	4500.	3.5	0.80	1.00	0.	1.80	200.	7.	0.60	0.88	4500.	0.	2000.	0.
FLEX ROT HDE	32.	20.0	2500.	8.0	0.80	1.00	0.	1.80	100.	7.	0.60	0.88	2300.	0.	2000.	0.
CULTIVATOR 6R	33.	20.0	4000.	3.5	0.75	1.00	0.	1.80	100.	7.	0.60	0.88	3800.	0.	2000.	0.
CULTIVATOR 8R	34.	26.8	5200.	3.5	0.75	1.00	0.	1.80	100.	7.	0.60	0.88	4700.	0.	2000.	0.
LISTER-PLNTR	36.	20.0	4500.	4.5	0.80	1.00	0.	1.80	100.	7.	0.60	0.88	4200.	0.	2000.	0.
LISTER-PLNTR	37.	26.8	5250.	4.5	0.80	1.00	0.	1.80	150.	7.	0.60	0.88	4750.	0.	2000.	0.
BED PLANTER 6R	38.	20.0	3540.	4.5	0.80	0.80	0.	1.60	100.	7.	0.60	0.88	3200.	0.	1200.	0.
BED PLANTER 8R	39.	26.8	4500.	4.5	0.80	0.80	0.	1.60	100.	7.	0.60	0.88	4050.	0.	1200.	0.
TANDEM DISC	40.	14.0	4500.	4.5	0.83	0.65	0.	1.80	200.	7.	0.60	0.88	4250.	0.	2000.	0.
TANDEM DISC	41.	20.0	7500.	4.5	0.83	0.65	0.	1.80	200.	7.	0.60	0.88	7200.	0.	2000.	0.
OFFSET DISC	42.	14.0	7000.	4.5	0.83	0.65	0.	1.80	200.	7.	0.60	0.88	6700.	0.	2000.	0.
OFFSET DISC	43.	28.0	15000.	4.5	0.83	0.65	0.	1.80	200.	7.	0.60	0.88	14000.	0.	2000.	0.
CHISEL	44.	23.0	6200.	4.5	0.80	1.00	0.	1.80	200.	7.	0.60	0.88	5700.	0.	2000.	0.
CHISEL	45.	41.0	11500.	4.5	0.80	1.00	0.	1.80	200.	7.	0.60	0.88	11000.	0.	2000.	0.
MLBD ROLLOVER	46.	5.3	6500.	4.5	0.80	1.00	0.	1.30	200.	7.	0.60	0.88	5900.	0.	2000.	0.
MOLDBOARD 6B	47.	8.0	5000.	4.5	0.80	1.00	0.	1.30	100.	7.	0.60	0.88	4500.	0.	2000.	0.
MOLDBOARD 12B	48.	16.0	11000.	4.5	0.80	1.00	0.	1.30	150.	7.	0.60	0.88	10500.	0.	2000.	0.
ONEWAY	49.	16.0	3200.	5.0	0.80	0.65	0.	1.80	150.	7.	0.60	0.88	3000.	0.	2000.	0.
RODWEEDER	50.	30.0	4800.	5.0	0.80	1.00	0.	1.80	100.	7.	0.60	0.88	4400.	0.	2000.	0.

LISTING OF ECONOMIC AND ENGINEERING DATA FOR MACHINERY IN REGION 2

DATE:022283

OUT4

MACHINE	1 CODE NO.	2 WIDTH (FT)	3 LIST PRICE	4 SPEED (MPH)	5 FIELD EFF.	6 RC1	7 AGE (HRS)	8 RC3	9 ANNUAL HRS	10 YEARS OWNED	11 RFV1	12 RFV2	13 PURCH PRICE	14 FUEL TYPE	15 LIFE (HRS)	16 HP
SAND FIGHTER	51.	22.5	1000.	6.0	0.80	1.00	0.	1.80	100.	7.	0.60	0.88	800.	0.	750.	0.
HARROW	52.	16.0	2000.	4.5	0.80	0.65	0.	1.80	120.	7.	0.60	0.88	1750.	0.	2000.	0.
PACKER	53.	8.3	550.	5.0	0.80	0.80	0.	1.80	200.	7.	0.60	0.88	450.	0.	2000.	0.
LISTER 6R	54.	20.0	1500.	4.5	0.80	1.00	0.	1.80	150.	7.	0.60	0.88	1400.	0.	2000.	0.
LISTER 8R	55.	26.8	2500.	4.5	0.80	1.00	0.	1.80	150.	7.	0.60	0.88	2200.	0.	2000.	0.
SHREDDER 2R	56.	6.6	1200.	3.7	0.80	0.60	0.	1.80	125.	7.	0.60	0.88	1100.	0.	2000.	0.
SHREDDER 4R	57.	13.3	3500.	3.7	0.80	0.60	0.	1.80	125.	7.	0.60	0.88	3300.	0.	2000.	0.
GRAIN DRILL	58.	13.5	3400.	4.0	0.70	0.75	0.	1.80	120.	7.	0.60	0.88	4000.	0.	1000.	40.
GR DRILL/FERT	59.	13.5	4400.	4.0	0.70	0.75	0.	1.80	120.	7.	0.60	0.88	4000.	0.	1000.	0.
BOX FLOAT	60.	7.0	575.	5.0	0.80	0.60	0.	1.80	100.	7.	0.60	0.88	500.	0.	2500.	0.
HERB SPR/DISC	61.	14.0	650.	4.5	0.83	0.65	0.	1.80	100.	7.	0.60	0.88	500.	0.	2000.	0.
COTTON TR 3BL	62.	8.6	2400.	10.0	0.82	1.00	0.	1.80	150.	7.	0.60	0.88	1600.	0.	2000.	0.
COTTON TR 5BL	63.	8.6	4000.	10.0	0.82	1.00	0.	1.80	150.	7.	0.60	0.88	2700.	0.	2000.	0.
COTTON STR/BSK	64.	8.6	12500.	2.8	0.87	0.80	0.	1.60	300.	5.	0.60	0.88	12000.	0.	1500.	0.
ROLLING CULT HLM	65.	20.0	3500.	3.5	0.80	1.00	0.	1.80	200.	7.	0.60	0.88	3200.	0.	2000.	0.
ROLLING CULTIVAT	66.	26.5	4500.	3.5	0.80	1.00	0.	1.80	200.	7.	0.60	0.88	4500.	0.	2000.	0.
GRAIN DRILL HLM	67.	48.0	9000.	3.5	0.70	0.60	0.	1.30	200.	7.	0.60	0.88	6000.	0.	2000.	0.
CULTIVATOR 6R HLM	68.	20.0	4000.	3.5	0.75	1.00	0.	1.80	100.	7.	0.60	0.88	3800.	0.	2000.	0.
CULTIVATOR 8 ROW	69.	26.8	5200.	3.5	0.75	1.00	0.	1.80	100.	7.	0.60	0.88	4700.	0.	2000.	0.
GRAIN DRILL HLM	70.	20.0	5500.	3.5	0.85	0.60	0.	1.30	150.	7.	0.60	0.88	3800.	0.	1500.	0.
LIST-PLNTR 6R HLM	71.	20.0	4500.	4.5	0.80	0.80	0.	1.60	100.	7.	0.60	0.88	3200.	0.	1200.	0.
LISTER-PLNTR 8R	72.	26.8	5250.	4.5	0.80	1.00	0.	1.80	150.	7.	0.60	0.88	4750.	0.	2000.	0.
BED PLNTR 6R HLM	73.	20.0	3540.	4.5	0.80	0.80	0.	1.30	200.	7.	0.60	0.88	2350.	0.	1500.	0.
BED PLNTR 8R	74.	26.8	4500.	4.5	0.80	0.80	0.	1.30	100.	7.	0.60	0.88	4250.	0.	1200.	0.
TANDEM DISC HLM	75.	14.0	4500.	4.5	0.83	0.65	0.	1.80	200.	7.	0.60	0.88	4250.	0.	2000.	0.
TANDEM DISC	76.	20.0	7500.	4.5	0.83	0.65	0.	1.80	200.	7.	0.60	0.88	7200.	0.	2000.	0.
OFFSET DISC HLM	77.	14.0	7000.	4.5	0.83	0.65	0.	1.80	200.	7.	0.60	0.88	6700.	0.	2000.	0.
OFFSET DISC	78.	28.0	15000.	4.5	0.83	0.65	0.	1.80	200.	7.	0.60	0.88	14000.	0.	2000.	0.
CHISEL	79.	23.0	6200.	4.5	0.80	1.00	0.	1.80	200.	7.	0.60	0.88	5700.	0.	2000.	0.
CHISEL HLM	80.	41.0	11500.	4.5	0.80	1.00	0.	1.80	200.	7.	0.60	0.88	11000.	0.	2000.	0.
SWEEP	81.	35.0	10000.	4.5	0.75	0.60	0.	1.30	200.	7.	0.60	0.88	8000.	0.	2000.	0.
MOLDBOARD 6B HLM	82.	8.0	5000.	4.5	0.80	1.00	0.	1.30	100.	7.	0.60	0.88	4500.	0.	2000.	0.
MOLDBOARD 12B HLM	83.	16.0	11000.	4.5	0.80	1.00	0.	1.30	150.	7.	0.60	0.88	10500.	0.	2000.	0.
ONEWAY	84.	16.0	3200.	5.0	0.80	0.65	0.	1.80	150.	7.	0.60	0.88	3000.	0.	2000.	0.
RODWEEDER HLM	85.	20.0	3800.	5.0	0.75	0.60	0.	1.30	200.	7.	0.60	0.88	2400.	0.	2000.	0.
FURROW OPENER	86.	20.0	1800.	5.5	0.75	0.60	0.	1.30	120.	7.	0.60	0.88	1200.	0.	1200.	0.
RODWEEDER HLM	87.	40.0	6200.	5.0	0.75	0.60	0.	1.30	200.	7.	0.60	0.88	4800.	0.	2000.	0.
PACKER	88.	8.3	550.	6.0	0.80	0.80	0.	1.80	200.	7.	0.60	0.88	450.	0.	2000.	0.
LISTER 6R HLM	89.	20.0	1590.	4.5	0.80	1.00	0.	1.80	150.	7.	0.60	0.88	1400.	0.	2000.	0.
LISTER 8 ROW	90.	26.8	2500.	4.5	0.80	1.00	0.	1.80	150.	7.	0.60	0.88	2200.	0.	2000.	0.
SHREDDER 2 ROW	91.	6.6	1200.	3.7	0.80	0.60	0.	1.80	125.	7.	0.60	0.88	1100.	0.	2000.	0.
SHREDDER 4 ROW	92.	13.3	3500.	3.7	0.80	0.60	0.	1.80	125.	7.	0.60	0.88	3300.	0.	2000.	0.
GRAIN DRILL	93.	13.5	4400.	4.0	0.72	0.75	0.	1.80	120.	7.	0.60	0.88	4000.	0.	1000.	0.
GR DRILL/FERTHLM	94.	13.5	4400.	4.0	0.72	0.75	0.	1.30	120.	7.	0.60	0.88	2700.	0.	1200.	0.
BOX FLOAT	95.	14.0	1100.	5.0	0.70	0.60	0.	1.30	100.	7.	0.60	0.88	800.	0.	1000.	0.
HERB SPR/DISCHLM	96.	16.0	650.	4.5	0.83	0.65	0.	1.80	100.	7.	0.60	0.88	500.	0.	2000.	0.
COTTON TR 3B HLM	97.	8.6	2400.	10.0	0.82	1.00	0.	1.80	150.	7.	0.60	0.88	1600.	0.	2000.	0.
COTTON TR 5B HLM	98.	8.6	4000.	10.0	0.82	1.00	0.	1.80	150.	7.	0.60	0.88	2700.	0.	2000.	0.
COTTON ST/BSK HLM	99.	8.6	12500.	2.8	0.87	0.60	0.	1.60	300.	5.	0.60	0.88	12000.	0.	1500.	0.

TEXAS ENTERPRISE BUDGETS

TEXAS HIGH PLAINS II REGION

Projected for 1983

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COW-CALF BUDGET TEXAS HIGH PLAINS II REGION
1983 PROJECTED COSTS AND RETURNS PER HEAD
300 COW HERD, JAN-FEB-MAR CALVING

INVESTMENT REQUIREMENTS				PROJECTED		YOUR
	NUMBER	UNIT	SIZE	\$/UNIT	VALUE	ESTIMATE
BEEF COW RAISED	1.00	HEAD	1.00	460.00	460.00	
BEEF BULL PURCH.	0.04	HEAD	1.00	1110.00	44.40	
BEEF HEIFER RAI.	0.23	HEAD	1.00	400.00	92.00	
HORSE	0.01	HEAD	1.00	1060.31	10.60	
TOTAL LIVESTOCK INVESTMENT					\$ 607.00	\$
PRODUCTION				PROJECTED		
	NUMBER	WGT. EACH	TOTAL UNITS	\$/UNIT	RETURN	
STEER CALVES	0.43	4.50	1.9 CWT.	67.50	130.61	
HEIFER CALVES	0.23	4.25	1.0 CWT.	60.75	59.38	
CULL COWS	0.19	10.00	1.9 CWT.	36.50	69.35	
TOTAL PROJECTED RETURNS					\$ 259.35	\$
OPERATING INPUTS				PROJECTED		
	INPUT	USE	UNIT	\$/UNIT	COST	
COTTONSEED CAKE	150.00		LB.	0.10	15.00	
HAY	15.00		BALE	2.00	30.00	
VET MEDICINE	5.00		DOL.	1.00	5.00	
RANGE IMPROVEMEN	15.00		ACRE	0.40	6.00	
SALT & MIN.	30.00		LB.	0.07	2.10	
MISC EXPENSE	3.00		DOL.	1.00	3.00	
MARKETING	1.00		HEAD	5.00	5.00	
FENCE REPAIR	1.00		HEAD	4.00	4.00	
WATER FACIL REPR	1.00		HEAD	2.50	2.50	
CORRAL REPAIR	1.00		HEAD	1.55	1.55	
EQUIPMENT FUEL AND LUBE					4.28	
EQUIPMENT REPAIR					1.06	
TOTAL OPERATING COST					\$ 79.49	\$
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 179.85	\$
CAPITAL INVESTMENT				QUANTITY INVESTED	UNIT	RATE OF RETURN
ANNUAL OPERATING CAPITAL	50.69		DOL.	0.180		PROJECTED COST
EQUIPMENT INVESTMENT	64.49		DOL.	0.180		9.12
LIVESTOCK INVESTMENT	607.00		DOL.	0.180		11.61
TOTAL CAPITAL COST						109.26
						\$ 129.99
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 49.86	\$
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)					PROJECTED COST	
EQUIPMENT					11.30	
LIVESTOCK					32.76	
TOTAL OWNERSHIP COST					\$ 44.06	\$
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT					\$ 5.80	\$
OPERATOR LABOR COSTS				LABOR USE	UNIT	RATE OF RETURN
EQUIPMENT	2.00		HOUR	5.50		PROJECTED COST
LIVESTOCK	6.40		HOUR	5.50		10.98
TOTAL LABOR COST						35.20
						\$ 46.18
RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT					\$ -40.38	\$
LAND COSTS				INPUT USE	UNIT	RATE OF RETURN
PASTURE RENT	15.00		ACRE	4.00		PROJECTED COST
TOTAL LAND COST						60.00
						\$ 60.00
RESIDUAL RETURNS TO MANAGEMENT AND PROFIT					\$ -100.38	\$
TOTAL PROJECTED COST OF PRODUCTION					\$ 359.73	\$
NATIVE RANGE, NO CREEP FEED, 86% CALF CROP, 20% REPLACEMENT RATE, 1% DEATH LOSS ON COWS, STOCKING RATE 15 ACRES/COW, 7 SECTION RANCH						

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.

COW-CALF BUDGET TEXAS HIGH PLAINS II REGION
1983 PROJECTED COSTS AND RETURNS PER HEAD
300 COW HERD, JAN-FEB-MAR CALVING

	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC	TOTAL
AVER. ANNUAL CAPITAL	3.42	5.13	5.81	6.90	7.79	8.84	9.56	10.32	-9.99	0.41	-0.79	1.70	50.69
(DOLLARS)													
LABOR REQUIREMENTS													TOTAL
MACHINERY LABOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EQUIPMENT LABOR	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	2.00
LIVESTOCK LABOR	0.55	0.55	0.50	0.50	0.50	0.65	0.65	0.50	0.50	0.50	0.50	0.50	6.40
TOTAL LABOR	0.72	0.72	0.67	0.67	0.67	0.82	0.82	0.67	0.67	0.67	0.67	0.67	8.40
(HOURS)													

EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR

EQUIPMENT	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL OWN.	TOTAL OPER.	HOURS LABOR	ALLOC (%)
HAYRACK-FEEDER	1	40.00	39.80	2.20	1.10	2.00	0.0	0.0	82.80	2.00	0.67	0.010
STOCK TRAILER	2	280.00	277.20	15.40	7.70	11.20	0.0	0.0	580.30	11.20	0.67	0.010
STOCK SPRAYER	4	250.00	247.60	13.75	6.67	12.50	0.0	0.0	518.12	12.50	0.67	0.010
TACK	5	45.00	44.65	2.48	1.24	4.50	0.0	0.0	93.26	4.50	0.67	0.010
PENS & EQUIPMENT	6	125.00	238.25	13.13	6.56	6.25	0.0	0.0	380.94	6.25	3.00	0.010
PICKUP TRUCK	10	1057.14	1139.14	63.29	31.64	252.00	1470.00	73.50	2291.21	1795.50	700.00	0.003
BEEF COW RAISED	51	20.00	82.80	4.60	2.30	0.0	0.0	0.0	109.70	0.0	0.0	1.000
BEEF BULL PURCH.	54	60.00	199.80	11.10	5.55	0.0	0.0	0.0	276.45	0.0	0.0	0.040
BEEF HEIFER RAI.	55	0.0	72.00	4.00	2.00	0.0	0.0	0.0	78.00	0.0	0.0	0.230
HORSE	95	125.63	190.86	10.60	5.30	0.0	0.0	0.0	332.39	0.0	0.0	0.010

SELECTED EQUIPMENT COMPLEMENT INFORMATION

EQUIPMENT	1 CODE NO.	2 SIZE	3 UNIT	4 TYPE	5 LIST PRICE	6 PURCH PRICE	7 LIFE (YRS)	8 SALV. [%LP]	9 REPAIR [%LP]	10 FUEL USE	11 ANNUAL LABOR	12 ANNUAL USE	13 XXXXXX	14 XXXXXX	15 EFF.
HAYRACK-FEEDER	1.	16.	FEET	2.	400.	400.	10.	0.0	0.05	0.0	0.7	0.0	0.0	0.0	0.0
STOCK TRAILER	2.	24.	FEET	2.	2800.	2800.	10.	0.0	0.04	0.0	0.7	0.0	0.0	0.0	0.0
STOCK SPRAYER	4.	150.	GAL.	2.	1250.	2500.	10.	0.0	0.10	0.0	0.7	0.0	0.0	0.0	0.0
TACK	5.	1.	DOL.	2.	450.	450.	10.	0.0	0.10	0.0	0.7	0.0	0.0	0.0	0.0
PENS & EQUIPMENT	6.	7500.	FEET	2.	2500.	2500.	20.	0.0	0.05	0.0	3.0	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.	TON	2.	10500.	9500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
BEEF COW RAISED	51.	1.	HEAD	1.	500.	500.	5.	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BEEF BULL PURCH.	54.	1.	HEAD	1.	1200.	1200.	4.	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BEEF HEIFER RAI.	55.	1.	HEAD	1.	400.	400.	2.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HORSE	95.	1.	HEAD	1.	1500.	1500.	8.	0.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0

STOCKER CALF BUDGET TEXAS HIGH PLAINS II REGION
1983 PROJECTED COSTS AND RETURNS PER HEAD
PURCHASE NOV 1, SELL MARCH 10

PRODUCTION	NUMBER	WGT. EACH	TOTAL UNITS	UNIT	PROJECTED		YOUR ESTIMATE
					\$/UNIT	RETURN	
FEEDER STEERS	1.00	6.00		6.0 CWT.	62.50	375.00	
TOTAL PROJECTED RETURNS						\$ 375.00	\$
OPERATING INPUTS					PROJECTED		
		INPUT	USE	UNIT	\$/UNIT	COST	
STOCKER STEERS		4.00		CWT.	64.25	257.00	
DEATH LOSS		0.03		DOL.	400.00	12.00	
WHEAT PASTURE		130.00		DAYS	0.26	33.80	
HAY		4.00		BALE	2.00	8.00	
VET & PROCESSING		5.00		DOL.	1.00	5.00	
SALT & MIN.		12.00		LB.	0.07	0.84	
MISC EXPENSE		4.00		DOL.	1.00	4.00	
HAULING & MKTG.		6.00		CWT.	1.20	7.20	
FENCE REPAIR		130.00		DAYS	0.05	6.50	
TOTAL OPERATING COST						\$ 334.34	\$
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT						\$ 40.66	\$
CAPITAL INVESTMENT					QUANTITY	UNIT	RATE OF
					INVESTED		RETURN
ANNUAL OPERATING CAPITAL		99.70		DOL.	0.180	17.95	
TOTAL CAPITAL COST						\$ 17.95	\$
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT						\$ 22.71	\$
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)					PROJECTED		
					COST		
TOTAL OWNERSHIP COST						\$ 0.0	\$
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT						\$ 22.71	\$
OPERATOR LABOR COSTS					LABOR	USE	UNIT
							RATE OF
							RETURN
TOTAL LABOR COST						\$ 0.0	\$
RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT						\$ 22.71	\$
RESIDUAL RETURNS TO MANAGEMENT AND PROFIT						\$ 22.71	\$
TOTAL PROJECTED COST OF PRODUCTION						\$ 352.29	\$

PRIMARILY GRAZING OF DRYLAND WHEAT PASTURE, STOCKING RATE OF 3 AC/HEAD,
130 DAYS GRAZING, 3% DEATH LOSS AND SHRINK, 1.5 LBS. GAIN/DAY.

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AND DEVELOPED BY STAFF MEMBERS OF THE TEXAS AGRICULTURAL EXTENSION SERVICE AND APPROVED FOR PUBLICATION.

[illegible]

LISTING OF ECONOMIC AND ENGINEERING DATA FOR EQUIPMENT IN REGION 2

DATE: 101882

LUT4

EQUIPMENT NAME	1 CODE	2 SIZE	3 UNIT	4 TYPE	5 LIST PRICE	6 PURCH. PRICE	7 LIFE (YRS)	8 SALV. (%LP)	9 REPAIR (%LP)	10 FUEL USE	11 ANNUAL LABOR	12 ANNUAL USE	13 XXXXXX	14 XXXXXX	15 EFF.
HAYRACK-FEEDER	1.	16.	19.	2.	400.	400.	10.	0.0	0.05	0.0	0.7	0.0	0.0	0.0	0.0
STOCK TRAILER	2.	24.	19.	2.	2800.	2800.	10.	0.0	0.04	0.0	0.7	0.0	0.0	0.0	0.0
GRAIN TRAILER	3.	14.	19.	2.	500.	500.	10.	0.0	0.04	0.0	0.7	0.0	0.0	0.0	0.0
STOCK SPRAYER	4.	150.	5.	2.	1250.	2500.	10.	0.0	0.10	0.0	0.7	0.0	0.0	0.0	0.0
TACK	5.	1.	15.	2.	450.	450.	10.	0.0	0.10	0.0	0.7	0.0	0.0	0.0	0.0
PENS & EQUIPMENT	6.	7500.	19.	2.	2500.	2500.	20.	0.0	0.05	0.0	3.0	0.0	0.0	0.0	0.0
FARROWING HOUSE	7.	491.	21.	2.	45550.	45550.	10.	0.0	0.01	0.0	30.0	0.0	0.0	0.0	0.0
NURSERY	8.	171.	21.	2.	34500.	34500.	10.	0.0	0.01	0.0	23.0	0.0	0.0	0.0	0.0
FINISHING FLOOR	9.	1280.	21.	2.	81820.	81820.	10.	0.0	0.01	0.0	38.0	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.	3.	2.	10500.	8500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
MILL & STORAGE	11.	1.	15.	2.	2500.	2500.	10.	0.0	0.01	0.0	8.0	0.0	0.0	0.0	0.0
WATER SYSTEM	12.	1.	15.	2.	1867.	1867.	10.	0.0	0.01	0.0	8.0	0.0	0.0	0.0	0.0
BEEF COW RAISED	51.	1.	1.	1.	500.	500.	5.	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BEEF BULL PURCH.	54.	1.	1.	1.	1200.	1200.	4.	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BEEF HEIFER RAI.	55.	1.	1.	1.	400.	400.	2.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SOW PURCHASED	72.	1.	1.	1.	150.	150.	2.	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BOAR PURCHASED	74.	0.	1.	1.	500.	500.	2.	0.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HORSE	95.	1.	1.	1.	1500.	1500.	8.	0.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0