PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 02/12/82. B-1241(C 2)

SUGAR BEETS, IRRIGATED, (NAT GAS), TEX HIGH PLAINS II REGN
1982 PROJECTED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
SUGAR BEETS	20.00	TON	36.00	720.00	
TOTAL PROJECTED RETURNS				$ 720.00	$_______
2. VARIABLE COSTS	INPUT USE				
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		3.48	_______
EQUIPMENT		ACRE		3.61	_______
IRRIGATION		ACRE		8.40	_______
LABOR--------MACHINERY	2.24	HOUR	5.00	11.21	_______
IRRIGATION	3.00	HOUR	5.00	15.00	_______
EQUIPMENT	1.19	HOUR	5.00	5.95	_______
OPERATING CAPITAL	119.36	DOL.	0.180	21.48	_______
SUBTOTAL, PREHARVEST		ACRE		$ 358.00	$_______
HARVEST COSTS					
CUST HAUL & HARV	20.00	TON	4.50	90.00	
SUBTOTAL, HARVEST		ACRE		$ 90.00	$_______
TOTAL VARIABLE COSTS		ACRE		$ 448.00	$_______
BREAK-EVEN PRICE, VARIABLE COSTS		$ 22.40/TON		SUGAR BEETS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 272.00	$_______
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		31.53	_______
EQUIPMENT		ACRE		16.99	_______
LAND---NET SHARE-RENT		ACRE		110.10	_______
IRRIG. EQUIP.	30.00	ACIN	1.06	31.80	_______
TOTAL FIXED COSTS		ACRE		$ 190.42	$_______
5. TOTAL PROJECTED COSTS		ACRE		$ 638.41	$_______
BREAK-EVEN PRICE, TOTAL COSTS		$ 31.92/TON		SUGAR BEETS	
6. NET PROJECTED RETURNS		ACRE		$ 81.59	$_______

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

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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SUGAR BEETS, IRRIGATED, (NAT GAS), TEX HIGH PLAINS II REGN
1982 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. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
CHISEL	1,79	JAN	2.00	0.263	0.199	3.20	1.32	0.0	5.13	9.64
TANDEM DISC	1,76	JAN	1.00	0.146	0.110	1.72	0.73	0.0	3.05	5.50
HERB SPR/DISC	61	JAN	1.00	0.0	0.158	0.01	0.0	58.00	0.19	58.21
BOX FLOAT	1,95	FEB	1.00	0.222	0.168	2.41	1.11	0.0	3.46	6.98
LISTER 8 ROW	1,90	FEB	1.00	0.114	0.086	1.25	0.57	0.0	1.92	3.73
BED PLNTR 8R	1,74	FEB	1.00	0.152	0.115	1.87	0.76	26.00	3.36	31.99
ROLLING CULTIVAT	1,66	MAR	2.00	0.292	0.222	3.42	1.46	0.0	5.37	10.25
ROLLING CULTIVAT	1,66	APR	2.00	0.292	0.222	3.42	1.46	0.0	5.37	10.25
ROLLING CULTIVAT	1,66	MAY	2.00	0.292	0.222	3.42	1.46	0.0	5.37	10.25
CULTIVATOR 8 ROW	1,69	JUNE	1.00	0.156	0.118	1.75	0.78	0.0	3.59	6.12
OFFSET DISC	1,78	AUG	1.00	0.104	0.079	1.37	0.52	0.0	2.85	4.75
OFFSET DISC	1,78	SEPT	2.00	0.208	0.158	2.74	1.04	0.0	5.71	9.49
TOTALS				2.242	1.856	26.58	11.21	84.00	45.38	167.17

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	APR	10.00	1.000	0.0	26.60	5.00	0.0	10.60	42.20
WATER APPLICATION	JUNE	5.00	0.500	0.0	13.30	2.50	0.0	5.30	21.10
WATER APPLICATION	JULY	5.00	0.500	0.0	13.30	2.50	0.0	5.30	21.10
WATER APPLICATION	AUG	5.00	0.500	0.0	13.30	2.50	0.0	5.30	21.10
WATER APPLICATION	SEPT	5.00	0.500	0.0	13.30	2.50	0.0	5.30	21.10
TOTALS		30.00	3.000	0.0	79.80	15.00	0.0	31.80	126.6

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)

QUANTITY OF SUGAR BEETS	TON	28.80	32.40	36.00	39.60	43.20
	16.00	-31.05	15.03	61.11	107.18	153.26
	18.00	7.83	59.67	111.50	163.34	215.18
	20.00	46.71	104.31	161.90	219.50	277.10
	22.00	85.59	148.94	212.30	275.66	339.02
	24.00	124.47	193.58	262.70	331.82	400.94

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

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LISTING OF THE NAME SET AND PRICE VECTOR   REGION NUMBER: 2   DATE: 021282

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
[illegible]	STOCKER STEERS		CWT.	70.00	395	FENCE REPAIR		HEAD	4.00
8	FEEDER STEERS		CWT.	65.00	396	WATER FACIL REPR		HEAD	2.50
13	STEER CALVES		CWT.	72.50	398	CORRAL REPAIR		HEAD	1.55
14	HEIFER CALVES		CWT.	62.50	400	MISC EXPENSE		DOL.	1.00
17	CULL COWS		CWT.	46.00	409	VET & PROCESSING		DOL.	1.00
72	CORN		BU.	2.90	410	VET MEDICINE	LIVE	DOL.	1.00
73	GRAIN SORGHUM		CWT.	4.80	441	GIN,BAG, TIES		CWT.	1.75
76	WHEAT		BU.	3.90	451	HAIL INSURANCE		DOL.	0.15
82	SUNFLOWER		CWT.	11.00	465	IRRIG. EQUIP.	FURR	ACIN	1.06
89	SUGAR BEETS		TON	36.00	466	IRRIG. EQUIP.	SPRI	ACIN	1.61
93	COTTON LINT		LB.	0.58	467	IRR EQUIP (50%)	FURR	ACIN	0.53
94	COTTONSEED		TON	90.00	485	HAULING & MKTG.	STOC	CWT.	1.20
98	SOYBEANS		BU.	10.00	502	HAYALFALFA		TON	60.00
103	SALT & MIN.		LB.	0.07	509	HERBICIDE	COTT	ACRE	6.00
107	COTTONSEED CAKE		LB.	0.10	513	INSECTICIDE	WHET	APPL	5.50
146	DEATH LOSS		DOL.	400.00	514	CSTM HAUL WHEAT		BU.	0.10
153	PASTURE RENT		ACRE	4.00	516	CUSTOM HAUL	GS	CWT.	0.25
161	CORN SILAGE		TON	16.00	517	INSECTICIDE	GS	ACRE	8.00
170	HAY		BALE	2.00	526	HERBICIDE	SB	ACRE	12.00
175	SORGHUM HAY		TON	50.00	527	CUSTOM HARVEST	SOYB	ACRE	10.00
177	RANGE IMPROVEMEN		ACRE	0.40	530	INSECT. CORN		ACRE	30.00
179	WHEAT PASTURE		DAYS	0.23	531	HERBICIDE	CORN	ACRE	12.00
180	WHEAT GRAZING		DAYS	0.07	534	GRAZING	SORG	LB.	0.40
181	SEED WHEAT		BU.	6.00	536	CUST HAUL	SB	BU.	0.10
183	SUGAR BEET SEED		LB.	2.60	537	HERBICIDE	SUGB	ACRE	58.00
18[illegible]	[illegible]EED CORN/GRAIN		BAGS	48.00	538	CUST HAUL & HARV	SUGB	TON	4.50
18[illegible]	[illegible]EED CORN/SILAGE		BAGS	54.00	539	INSECTICIDE	SUGB	ACRE	28.50
186	GRAIN SORG. SEED		LB.	0.60	540	FENCE REPAIR	STKR	DAYS	0.05
187	FORAGE SORG SEED		LB.	0.60	542	HERBICIDE	GSI	ACRE	15.00
188	ALFALFA SEED		LB.	2.39	543	HERBICIDE	SUNF	ACRE	6.00
189	SOYBEAN SEED		LB.	0.15	545	INSECTICIDE	SUNF	PINT	1.50
200	SEED		LB.	1.00	546	AERIAL SPRAY	SUNF	ACRE	3.00
201	SUNFLOWER SEED		LB.	2.00	548	HAULING	SUNF	CWT.	0.40
205	FERT (N) APPL'D		LB.	0.14					
206	FERT (P) APPL'D		LB.	0.10					
211	NITROGEN		LB.	0.17					
239	FUNGICIDE		APPL	8.00					
250	HERBICIDE	SORG	ACRE	6.00					
251	2-4-D		ACRE	12.00					
269	CUST HARV WHEAT		ACRE	8.00					
270	CUST HARV SORG D		ACRE	8.00					
271	CUST HARV SORG I		CWT.	0.35					
272	CUST HARV CORN		BU.	0.25					
275	CUSTOM HARV&HAUL		CWT.	1.25					
291	SD COTTON-UPLAND		LB.	0.30					
319	CUSTOM DRYING		BU.	0.12					
322	CUSTOM HAULING		BU.	0.05					
340	CUSTOM BALING		BALE	0.60					
363	HOEING LABOR		HOUR	5.00					
383	MARKETING		HEAD	5.00					

1 [illegible]EAD	6 = BALE	11 = ACIN	15 = DOL.	19 = FEET	23 = CRTN	27 = EACH
2 [illegible]U.	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: 021282

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	0.1800
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	5.00
11.	HOURLY OTHER LABOR WAGE RATE	5.00
12.	HOURLY IRRIG./LIVESTOCK WAGE RATE	5.00
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:021582

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	39030.	4.5	0.88	1.20	0.	1.60	500.	7.	0.68	0.92	35130.	3.	12000.	150.
TRACTOR	2.	125.0	32330.	4.5	0.88	1.20	0.	1.60	600.	7.	0.68	0.92	29100.	3.	12000.	125.
TRACTOR	3.	100.0	27940.	4.5	0.88	1.20	0.	1.60	500.	7.	0.68	0.92	25150.	3.	12000.	100.
TRACTOR	4.	75.0	18370.	4.5	0.88	1.20	0.	1.60	300.	7.	0.68	0.92	16530.	3.	12000.	75.
TRACTOR	5.	40.0	11200.	4.5	0.88	1.20	0.	1.60	300.	7.	0.68	0.92	10080.	3.	12000.	40.
TRACTOR 4 WH DR	6.	225.0	57650.	4.5	0.88	1.20	0.	1.60	600.	7.	0.68	0.92	51885.	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	0.67	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.	165.
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.	26.6	4500.	3.5	0.80	1.00	0.	1.80	200.	7.	0.60	0.88	4500.	0.	2000.	0.
FLEX ROT HOE	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	3600.	0.	2000.	0.
CULTIVATOR 8R	34.	26.6	5200.	3.5	0.75	1.00	0.	1.80	100.	7.	0.60	0.88	4700.	0.	2000.	0.
LISTER-PLNT6R	36.	20.0	4500.	4.5	0.80	1.00	0.	1.80	100.	7.	0.60	0.88	4200.	0.	2000.	0.
LISTER-PLNT8R	37.	26.6	5250.	4.5	0.80	1.00	0.	1.80	150.	7.	0.60	0.88	4750.	0.	2000.	0.
BED PLANTER6R	38.	20.0	3540.	4.5	0.60	0.80	0.	1.60	100.	7.	0.60	0.88	3200.	0.	1200.	0.
BED PLANTER8R	39.	26.6	4500.	4.5	0.60	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:021582

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.	8.0	0.80	1.00	0.	1.80	100.	7.	0.60	0.88	900.	0.	750.	0.
HARROW	52.	16.0	2000.	4.5	0.80	0.65	0.	1.30	120.	7.	0.60	0.88	1750.	0.	2000.	0.
PACKER	53.	8.3	550.	6.0	0.80	0.80	0.	1.80	200.	7.	0.60	0.88	450.	0.	2000.	0.
LISTER 6R	54.	20.0	1590.	4.5	0.80	1.00	0.	1.80	150.	7.	0.60	0.88	1400.	0.	2000.	0.
LISTER 8R	55.	26.6	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.	0.
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.	6.0	0.60	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.	6.6	2400.	10.0	0.82	1.00	0.	1.80	150.	7.	0.60	0.88	1600.	0.	2000.	0.
COTTON TR 5BL	63.	6.6	4000.	10.0	0.82	1.00	0.	1.80	150.	7.	0.60	0.88	2700.	0.	2000.	0.
COTTON STR/BSK	64.	6.6	12500.	2.8	0.67	0.60	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.	26.6	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.
CULTIVATOR6R HLM	68.	20.0	4000.	3.5	0.75	1.00	0.	1.80	100.	7.	0.60	0.88	3600.	0.	2000.	0.
CULTIVATOR 8 ROW	69.	26.6	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	0.65	0.60	0.	1.30	150.	7.	0.60	0.88	3800.	0.	1500.	0.
LIST-PLNTR6R 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.	26.6	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	0.60	0.60	0.	1.30	200.	7.	0.60	0.88	2350.	0.	1500.	0.
BED PLNTR 8R	74.	26.6	4500.	4.5	0.60	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.
MOLDBOARD12B 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	3600.	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.	3.3	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.	26.6	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.	6.6	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.	6.6	4000.	10.0	0.82	1.00	0.	1.80	150.	7.	0.60	0.88	2700.	0.	2000.	0.
COTTON ST/BSKHLM	99.	6.6	12500.	2.8	0.67	0.60	0.	1.60	300.	5.	0.60	0.88	12000.	0.	1500.	0.

B-1241 (L 2)

TEXAS AGRICULTURAL EXTENSION SERVICE . THE TEXAS A&M UNIVERSITY SYSTEM
Daniel C. Pfannstiel, Director . College Station, Texas

TEXAS ENTERPRISE BUDGETS

TEXAS HIGH PLAINS II REGION

Projected for 1982

Cooperative Extension Work in Agriculture and Home Economics, The Texas A&M University System and the United States Department of Agriculture cooperating. Distributed in furtherance of the Acts of Congress of May 8, 1914, as amended, and June 30, 1914.
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PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 01/27/82.

COW-CALF BUDGET TEXAS HIGH PLAINS II REGION
1982 PROJECTED COSTS AND RETURNS PER HEAD
300 COW HERD, JAN-FEB-MAR CALVING

INVESTMENT REQUIREMENTS	NUMBER	UNIT	SIZE	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
BEEF COW RAISED	1.00	HEAD	1.00	500.00	500.00	______
BEEF BULL PURCH.	0.04	HEAD	1.00	975.00	39.00	______
BEEF HEIFER RAI.	0.13	HEAD	1.00	400.00	50.00	______
HORSE	0.01	HEAD	1.00	424.12	4.24	______
TOTAL LIVESTOCK INVESTMENT					$ 593.24	$ ______

PRODUCTION	NUMBER	WGT. EACH	TOTAL UNITS	UNIT	PROJECTED $/UNIT	PROJECTED RETURN	YOUR ESTIMATE
STEER CALVES	0.43	4.50	1.9	CWT.	72.50	140.29	______
HEIFER CALVES	0.31	4.25	1.3	CWT.	62.50	82.34	______
CULL COWS	0.11	10.00	1.1	CWT.	46.00	50.60	______
TOTAL PROJECTED RETURNS						$ 273.23	$ ______

OPERATING INPUTS	INPUT USE	UNIT	PROJECTED $/UNIT	PROJECTED COST	YOUR ESTIMATE
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				0.95	______
TOTAL OPERATING COST				$ 79.38	$ ______

RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT $ 193.85 $ ______

CAPITAL INVESTMENT	QUANTITY INVESTED	UNIT	RATE OF RETURN	PROJECTED COST	YOUR ESTIMATE
ANNUAL OPERATING CAPITAL	48.14	DOL.	0.180	8.66	______
EQUIPMENT INVESTMENT	63.84	DOL.	0.180	11.49	______
LIVESTOCK INVESTMENT	593.24	DOL.	0.180	106.78	______
TOTAL CAPITAL COST				$ 126.94	$ ______

RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT $ 66.91 $ ______

OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)	PROJECTED COST	YOUR ESTIMATE
EQUIPMENT	11.21	______
LIVESTOCK	15.40	______
TOTAL OWNERSHIP COST	$ 26.61	$ ______

RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT $ 40.30 $ ______

OPERATOR LABOR COSTS	LABOR USE	UNIT	RATE OF RETURN	PROJECTED COST	YOUR ESTIMATE
EQUIPMENT	2.00	HOUR	5.00	10.02	______
LIVESTOCK	6.40	HOUR	5.00	32.00	______
TOTAL LABOR COST				$ 42.02	$ ______

RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT $ -1.72 $ ______

LAND COSTS	INPUT USE	UNIT	RATE OF RETURN	PROJECTED COST	YOUR ESTIMATE
PASTURE RENT	15.00	ACRE	4.00	60.00	______
TOTAL LAND COST				$ 60.00	$ ______

RESIDUAL RETURNS TO MANAGEMENT AND PROFIT $ -61.72 $ ______

TOTAL PROJECTED COST OF PRODUCTION $ 334.95 $ ______

NATIVE RANGE, NO CREEP FEED, 86% CALF CROP, 12% REPLACEMENT RATE, 1% DEATH LOSS ON COWS, STOCKING RATE 15 ACRES/COW, 7 SECTION RANCH

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COW-CALF BUDGET TEXAS HIGH PLAINS II REGION
1982 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	
							(DOLLARS)						TOTAL
AVER. ANNUAL CAPITAL	3.41	5.13	5.81	6.56	7.45	8.50	9.22	10.31	-11.15	0.41	0.79	1.69	48.14
LABOR REQUIREMENTS							(HOURS)						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

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	39.60	2.20	1.10	2.00	0.0	0.0	82.90	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
GRAIN TRAILER	3	50.00	49.50	2.75	1.37	2.00	0.0	0.0	103.62	2.00	0.67	0.010
STOCK SPRAYER	4	250.00	247.50	13.75	6.87	12.50	0.0	0.0	518.12	12.50	0.67	0.010
TACK	5	45.00	44.55	2.48	1.24	4.50	0.0	0.0	93.26	4.50	0.67	0.010
PENS & EQUIPMENT	6	125.00	236.25	13.13	6.56	6.25	0.0	0.0	380.94	6.25	3.00	0.010
PICKUP TRUCK	10	850.00	918.00	51.00	25.50	204.00	1470.00	73.50	1844.50	1747.50	700.00	0.003
BEEF COW RAISED	51	0.0	90.00	5.00	2.50	0.0	0.0	0.0	97.50	0.0	0.0	1.000
BEEF BULL PURCH.	54	150.00	175.50	9.75	4.87	0.0	0.0	0.0	340.12	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	0.125
HORSE	95	50.25	76.34	4.24	2.12	0.0	0.0	0.0	132.95	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
GRAIN TRAILER	3.	14.	FEET	2.	500.	500.	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.		2.	8500.	7650.	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.	8.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BEEF BULL PURCH.	54.	1.	HEAD	1.	1200.	1200.	4.	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BEEF HEIFER RAI.	55.	1.	HEAD	1.	400.	400.	10.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HORSE	95.	1.	HEAD	1.	600.	600.	8.	0.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PROJECTIONS FOR PLANNING PURPOSES ONLY
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STOCKER CALF BUDGET TEXAS HIGH PLAINS II REGION
1982 PROJECTED COSTS AND RETURNS PER HEAD
PURCHASE NOV 1, SELL MARCH 10

PRODUCTION	NUMBER	WGT. EACH	TOTAL UNITS	UNIT	PROJECTED $/UNIT	PROJECTED RETURN	YOUR ESTIMATE
FEEDER STEERS	1.00	6.00	6.0	CWT.	65.00	390.00	
TOTAL PROJECTED RETURNS						$ 390.00	$

OPERATING INPUTS	INPUT USE	UNIT	PROJECTED $/UNIT	PROJECTED COST	YOUR ESTIMATE
STOCKER STEERS	4.00	CWT.	70.00	280.00	
DEATH LOSS	0.03	DOL.	400.00	12.00	
WHEAT PASTURE	130.00	DAYS	0.23	29.90	
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				$ 353.44	$

RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT	$ 36.56	$

CAPITAL INVESTMENT	QUANTITY INVESTED	UNIT	RATE OF RETURN	PROJECTED COST	YOUR ESTIMATE
ANNUAL OPERATING CAPITAL	106.96	DOL.	0.180	19.25	
TOTAL CAPITAL COST				$ 19.25	$

RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT	$ 17.31	$
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)	PROJECTED COST	
TOTAL OWNERSHIP COST	$ 0.0	$
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT	$ 17.31	$

OPERATOR LABOR COSTS	LABOR USE	UNIT	RATE OF RETURN	PROJECTED COST	YOUR ESTIMATE
TOTAL LABOR COST				$ 0.0	$

RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT	$ 17.31	$
RESIDUAL RETURNS TO MANAGEMENT AND PROFIT	$ 17.31	$
TOTAL PROJECTED COST OF PRODUCTION	$ 372.69	$

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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