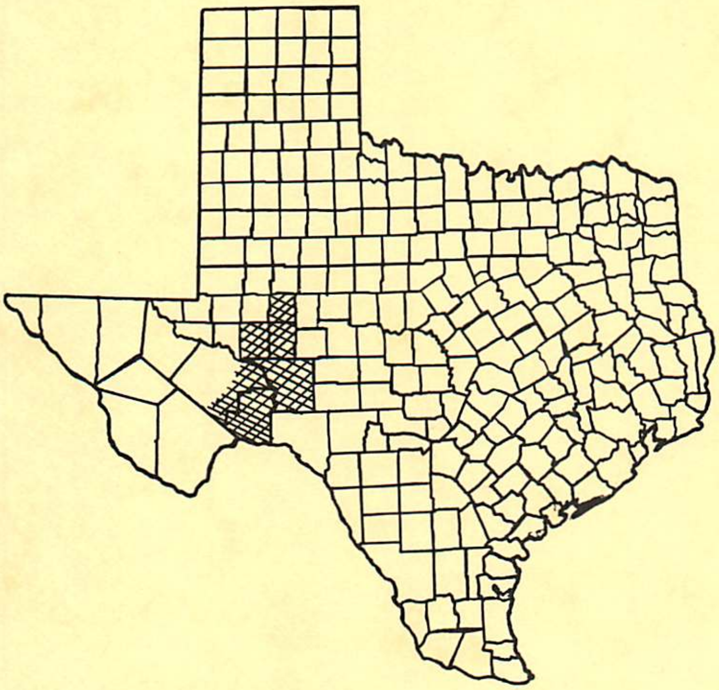
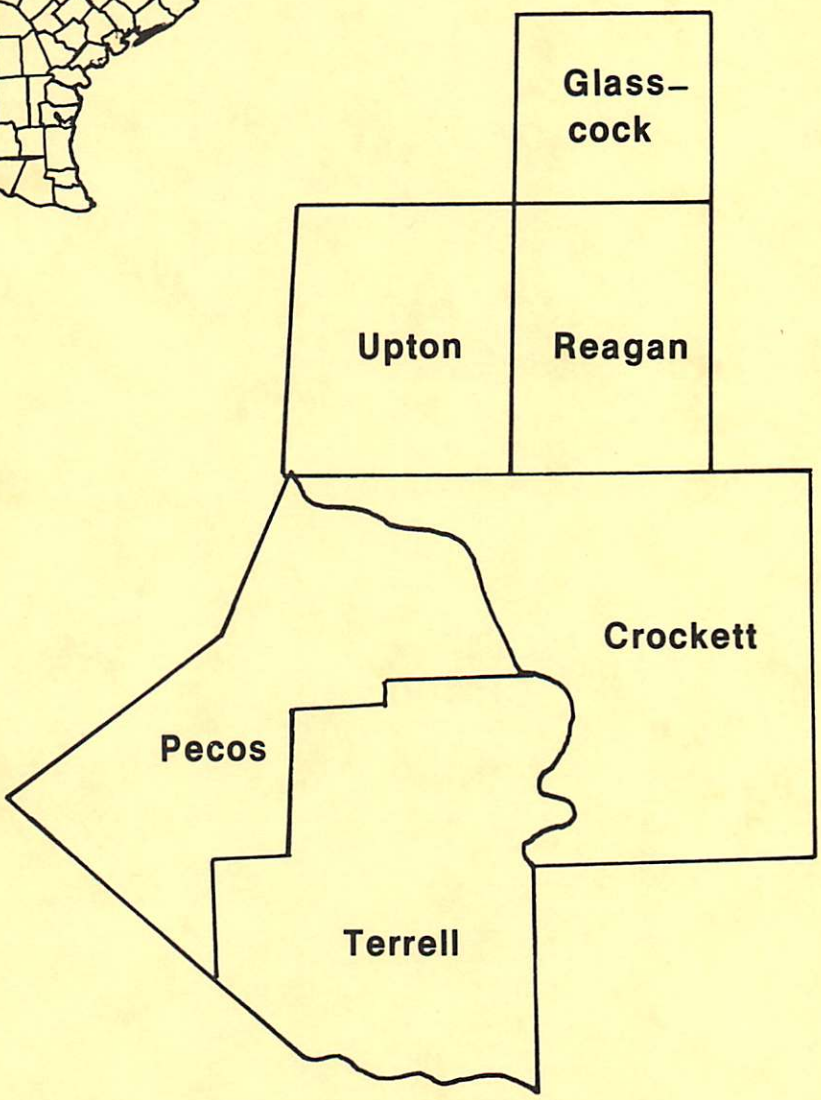
TEXAS EDWARDS PLATEAU WESTERN

SOIL RESOURCE AREA 9





B-1241(C 9)
TEXAS AGRICULTURAL EXTENSION SERVICE . THE TEXAS A&M UNIVERSITY SYSTEM
Zerle L. Carpenter, Director . College Station, Texas

TEXAS ENTERPRISE BUDGETS

EDWARDS PLATEAU WESTERN REGION

Projected for 1983

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.
150 - 3-83, New ECO 7-2

COTTON, DRYLAND, EDWARDS PLATEAU WESTERN REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
COTTON LINT	150.00	LB.	0.50	75.00	________
COTTONSEED	0.12	TON	90.00	10.80	________
DEFICIENCY PMT.	150.00	LB.	0.21	31.50	________
TOTAL PROJECTED RETURNS			$	117.30	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*SD COTTON-UPLAND	15.00	LB.	0.35	5.25	________
HERBICIDE	0.35	APPL	8.00	2.80	________
OTH WD CONT EPD	1.00	ACRE	5.00	5.00	________
FERTILIZER	50.00	LB.	0.12	6.00	________
OTHER INS. CONTR	1.00	ACRE	2.50	2.50	________
MISCELLANEOUS	1.00	ACRE	7.50	7.50	________
FUEL & LUBE--TRACTOR		ACRE		7.13	________
EQUIPMENT		ACRE		2.63	________
REPAIRS------TRACTOR		ACRE		1.90	________
EQUIPMENT		ACRE		1.77	________
LABOR--------MACHINERY	1.08	HOUR	6.00	6.48	________
EQUIPMENT	1.12	HOUR	6.00	6.72	________
OPERATING CAPITAL	20.03	DOL.	0.120	2.40	________
SUBTOTAL, PREHARVEST		ACRE	$	58.08	$________
HARVEST COSTS					
TRANSPORT MODULE	0.30	BALE	3.00	0.90	________
GIN, BAG, TIES	0.30	BALE	51.00	15.30	________
FUEL & LUBE--TRACTOR		ACRE		1.80	________
EQUIPMENT		ACRE		2.97	________
REPAIRS------TRACTOR		ACRE		0.48	________
EQUIPMENT		ACRE		8.61	________
LABOR--------MACHINERY	0.83	HOUR	6.00	4.99	________
EQUIPMENT	0.04	HOUR	6.00	0.24	________
SUBTOTAL, HARVEST		ACRE	$	35.29	$________
TOTAL VARIABLE COSTS		ACRE	$	93.36	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 0.34/LB.	COTTON LINT		
3. INCOME ABOVE VARIABLE COSTS		ACRE	$	23.94	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		12.70	________
EQUIPMENT		ACRE		50.56	________
LAND---NET SHARE-RENT		ACRE		25.50	________
TOTAL FIXED COSTS		ACRE	$	88.76	$________
5. TOTAL PROJECTED COSTS		ACRE	$	182.12	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 0.93/LB.	COTTON LINT		
6. NET PROJECTED RETURNS		ACRE	$	-64.82	$________

PLANTED 2 X 1. RENT EQUALS 1/4 OF CROP LESS 1/4 OF GINNING.
PRICE BASED ON LOAN RATE ADJUSTED FOR QUALITY.
DEFICIENCY PAYMENT BASED ON COMPLIANCE WITH GOVT 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.

COTTON, DRYLAND, EDWARDS PLATEAU WESTERN 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	JAN	1.00	0.205	0.155	1.90	1.23	0.0	2.78	5.91
OFFSET DISC	2,43	JAN	1.00	0.104	0.079	1.16	0.62	0.0	2.10	3.89
CHISEL	2,44	FEB	1.00	0.132	0.100	1.33	0.79	0.0	1.81	3.93
OFFSET DISC	2,43	FEB	1.00	0.104	0.079	1.16	0.62	0.0	2.10	3.89
LISTER 12R	2,72	MAR	1.00	0.076	0.057	0.67	0.45	0.0	3.33	4.45
LISTER 12R	2,72	APR	1.00	0.076	0.057	0.67	0.45	0.0	3.33	4.45
PLANTER 12R	2,74	MAY	1.10	0.125	0.095	1.18	0.75	5.25	2.69	9.87
CULTIVATOR	2,78	JUNE	1.00	0.104	0.079	0.93	0.62	0.0	1.49	3.04
CULTIVATOR	2,78	JULY	1.00	0.104	0.079	0.93	0.62	0.0	1.49	3.04
CULTIVATOR	2,78	AUG	0.50	0.052	0.039	0.46	0.31	0.0	0.75	1.52
COTTON STRIPR SP	14	NOV	0.67	0.558	0.446	10.13	3.35	0.0	12.06	25.54
MODULE BUILDER	2,80	NOV	0.67	0.273	0.207	3.59	1.64	0.0	7.82	13.04
TOTALS				1.911	1.471	24.11	11.46	5.25	41.75	82.57

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)

QUANTITY OF COTTON LINT (LB.)	0.40	0.45	0.50	0.55	0.60
120.00	-25.68	-21.18	-16.68	-12.18	-7.68
135.00	-19.25	-14.19	-9.12	-4.06	1.00
150.00	-12.81	-7.19	-1.56	4.06	9.69
165.00	-6.38	-0.19	6.00	12.18	18.37
180.00	0.06	6.81	13.56	20.31	27.06

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

COTTON, IRRIGATED, EDWARD PLATEAU WESTERN REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
COTTON LINT	400.00	LB.	0.50	200.00	________
COTTONSEED	0.32	TON	90.00	28.80	________
DEFICIENCY PMT.	400.00	LB.	0.21	84.00	________
TOTAL PROJECTED RETURNS				$ 312.80	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*SD COTTON-UPLAND	20.00	LB.	0.35	7.00	________
HERBICIDE	0.35	APPL	8.00	2.80	________
OTH WD CONT EPI	1.00	ACRE	12.50	12.50	________
FERTILIZER	100.00	LB.	0.12	12.00	________
OTHER INS. CONTR	1.00	ACRE	2.50	2.50	________
MISCELLANEOUS	1.00	ACRE	10.00	10.00	________
DESICCANT	0.40	ACRE	8.00	3.20	________
IRRIGATION WATER	15.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		9.59	________
EQUIPMENT		ACRE		2.80	________
IRRIGATION		ACRE		66.00	________
REPAIRS------TRACTOR		ACRE		2.55	________
EQUIPMENT		ACRE		2.11	________
IRRIGATION		ACRE		9.00	________
LABOR--------MACHINERY	1.45	HOUR	6.00	8.71	________
IRRIGATION	3.00	HOUR	6.00	18.00	________
EQUIPMENT	1.19	HOUR	6.00	7.14	________
OPERATING CAPITAL	68.70	DOL.	0.120	8.24	________
SUBTOTAL, PREHARVEST		ACRE		$ 184.14	$________
HARVEST COSTS					
TRANSPORT MODULE	0.80	BALE	3.00	2.40	________
GIN, BAG, TIES	0.80	BALE	51.00	40.80	________
FUEL & LUBE--TRACTOR		ACRE		1.80	________
EQUIPMENT		ACRE		2.97	________
REPAIRS------TRACTOR		ACRE		0.48	________
EQUIPMENT		ACRE		8.61	________
LABOR--------MACHINERY	0.83	HOUR	6.00	4.99	________
EQUIPMENT	0.04	HOUR	6.00	0.24	________
SUBTOTAL, HARVEST		ACRE		$ 62.29	$________
TOTAL VARIABLE COSTS		ACRE		$ 246.43	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 0.33/LB.	COTTON LINT		
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 66.37	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		16.19	________
EQUIPMENT		ACRE		54.15	________
IRRIGATION		ACRE		12.00	________
LAND---NET SHARE-RENT		ACRE		68.00	________
TOTAL FIXED COSTS		ACRE		$ 150.34	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 396.76	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 0.71/LB.	COTTON LINT		
6. NET PROJECTED RETURNS		ACRE		$ -83.96	$________

PLANTED 2 X 1. RENT IS 1/4 OF CROP LESS 1/4 OF GINNING COSTS.
PRICE BASED ON LOAN RATE ADJUSTED FOR QUALITY.
DEFICIENCY PAYMENT BASED ON COMPLIANCE WITH GOVT SET ASIDE PROG.

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.

COTTON, IRRIGATED, EDWARD PLATEAU WESTERN 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	JAN	1.00	0.205	0.155	1.90	1.23	0.0	2.78	5.91
OFFSET DISC	2,43	JAN	1.00	0.104	0.079	1.16	0.62	0.0	2.10	3.89
CHISEL	2,44	FEB	0.50	0.066	0.050	0.67	0.39	0.0	0.91	1.97
MOLDBOARD 6B	2,47	FEB	0.50	0.189	0.143	1.84	1.13	0.0	3.08	6.06
OFFSET DISC	2,43	FEB	1.00	0.104	0.079	1.16	0.62	0.0	2.10	3.89
LISTER 12R	2,72	MAR	1.00	0.076	0.057	0.67	0.45	0.0	3.33	4.45
LISTER 12R	2,72	APR	1.00	0.076	0.057	0.67	0.45	0.0	3.33	4.45
LISTER 12R	2,72	MAY	0.50	0.038	0.029	0.34	0.23	0.0	1.66	2.23
PLANTER 12R	2,74	MAY	1.00	0.113	0.086	1.07	0.68	7.00	2.44	11.20
ROLLING CULT	2,31	MAY	0.30	0.044	0.033	0.42	0.26	0.0	0.57	1.25
CULTIVATOR	2,78	MAY	1.00	0.104	0.079	0.93	0.62	0.0	1.49	3.04
PLANTER 12R	2,74	JUNE	0.20	0.023	0.017	0.21	0.14	0.0	0.49	0.84
CULTIVATOR	2,78	JUNE	1.00	0.104	0.079	0.93	0.62	0.0	1.49	3.04
CULTIVATOR	2,78	JULY	1.00	0.104	0.079	0.93	0.62	0.0	1.49	3.04
CULTIVATOR	2,78	AUG	1.00	0.104	0.079	0.93	0.62	0.0	1.49	3.04
COTTON STRIPR SP	14	NOV	0.67	0.558	0.446	10.13	3.35	0.0	12.06	25.54
MODULE BUILDER	2,80	NOV	0.67	0.273	0.207	3.59	1.64	0.0	7.82	13.04
TOTALS				2.283	1.753	27.54	13.70	7.00	48.64	96.87

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	2.000	0.0	50.00	12.00	0.0	8.00	70.00
WATER APPLICATION	JUNE	5.00	1.000	0.0	25.00	6.00	0.0	4.00	35.00
TOTALS		15.00	3.000	0.0	75.00	18.00	0.0	12.00	105.00

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF COTTON LINT (DOLLARS)

QUANTITY OF COTTON LINT	LB.	0.40	0.45	0.50	0.55	0.60
	320.00	-65.95	-53.95	-41.95	-29.95	-17.95
	360.00	-48.79	-35.29	-21.79	-8.29	5.21
	400.00	-31.63	-16.63	-1.63	13.37	28.37
	440.00	-14.47	2.03	18.53	35.03	51.53
	480.00	2.69	20.69	38.69	56.69	74.69

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

LISTING OF THE NAME SET AND PRICE VECTOR   REGION NUMBER: 9   DATE: 022283

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
13	STEER CALVES	____	CWT.	67.50	___	___	___	___	___.__
14	HEIFER CALVES	____	CWT.	60.75	___	___	___	___	___.__
90	DEFICIENCY PMT.	COTT	LB.	0.21	___	___	___	___	___.__
93	COTTON LINT	____	LB.	0.50	___	___	___	___	___.__
94	COTTONSEED	____	TON	90.00	___	___	___	___	___.__
103	SALT & MIN.	____	LB.	0.12	___	___	___	___	___.__
112	PROT. SUPPLEMENT	____	LB.	0.12	___	___	___	___	___.__
153	PASTURE RENT	____	HEAD	75.00	___	___	___	___	___.__
210	FERTILIZER	____	LB.	0.12	___	___	___	___	___.__
265	DESICCANT	____	ACRE	8.00	___	___	___	___	___.__
282	GIN, BAG, TIES	____	BALE	51.00	___	___	___	___	___.__
291	SD COTTON-UPLAND	____	LB.	0.35	___	___	___	___	___.__
392	MARKETING	LIVE	HEAD	11.00	___	___	___	___	___.__
393	MISC EXPENSE	LIVE	HEAD	17.00	___	___	___	___	___.__
410	VET MEDICINE	____	HEAD	5.75	___	___	___	___	___.__
501	HERBICIDE	COTT	APPL	8.00	___	___	___	___	___.__
504	OTHER INS. CONTR	COTD	ACRE	2.50	___	___	___	___	___.__
505	MISCELLANEOUS	COTD	ACRE	7.50	___	___	___	___	___.__
506	TRANSPORT MODULE	COTT	BALE	3.00	___	___	___	___	___.__
508	MISCELLANEOUS	COTI	ACRE	10.00	___	___	___	___	___.__
512	OTH WD CONT EPI	COTT	ACRE	12.50	___	___	___	___	___.__
513	OTH WD CONT EPD	COTT	ACRE	5.00	___	___	___	___	___.__

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: 9 DATE: 022283

ROW	PARAMETER DEFINITION	DEFAULT VALUE
1.	PRICE PER GALLON OF GASOLINE	1.1200
2.	PRICE PER GALLON OF L.P. GAS	0.4400
3.	PRICE PER GALLON OF DIESEL	1.0300
4.	PRICE PER KILOWATT HOUR OF ELECTRICITY	0.0500
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	6.00
11.	HOURLY OTHER LABOR WAGE RATE	6.00
12.	HOURLY IRRIG./LIVESTOCK WAGE RATE	6.00
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)	0.2000
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 9 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	18990.	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.
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.
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.
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.
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.
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.
SHREDDER 4R	57.	13.3	5810.	5.0	0.80	0.60	0.	1.80	160.	8.	0.60	0.88	4650.	0.	2000.	0.
HARROW/SPG.TOOTH	71.	33.0	3850.	6.0	0.80	0.65	0.	1.80	65.	8.	0.60	0.88	3450.	0.	2000.	0.
LISTER 12R	72.	40.0	10500.	4.5	0.80	0.65	0.	1.80	35.	8.	0.60	0.88	8400.	0.	2000.	0.
BED KNIFE 12R	73.	40.0	2830.	4.5	0.80	0.65	0.	1.80	100.	8.	0.60	0.88	2270.	0.	2000.	0.
PLANTER 12R	74.	40.0	7920.	4.0	0.60	0.75	0.	1.60	75.	8.	0.60	0.88	6330.	0.	2000.	0.
ROW KNIFE	77.	40.0	2830.	4.5	0.75	0.85	0.	1.80	130.	8.	0.60	0.88	2270.	0.	2000.	0.
CULTIVATOR	78.	40.0	4560.	3.5	0.75	0.65	0.	1.80	105.	8.	0.60	0.88	3650.	0.	2000.	0.
MODULE BUILDER	80.	13.3	22000.	3.0	0.67	0.75	0.	1.60	160.	8.	0.60	0.88	21000.	0.	2000.	0.

B-1241(L 9)
TEXAS AGRICULTURAL EXTENSION SERVICE . THE TEXAS A&M UNIVERSITY SYSTEM
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TEXAS ENTERPRISE BUDGETS

EDWARDS PLATEAU WESTERN REGION

Projected for 1983

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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COW-CALF BUDGET, TEXAS EDWARDS PLATEAU II REGION
1983 PROJECTED COSTS AND RETURNS PER HEAD

INVESTMENT REQUIREMENTS	NUMBER	UNIT	SIZE	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
COW	1.00	HEAD	1.00	412.50	412.50	
BULL	0.05	HEAD	1.00	1375.00	68.75	
HORSE	0.02	HEAD	1.00	593.75	11.87	
TOTAL LIVESTOCK INVESTMENT					$ 493.12	$

PRODUCTION	NUMBER	WGT. EACH	TOTAL UNITS	UNIT	PROJECTED $/UNIT	PROJECTED RETURN	
STEER CALVES	0.43	4.75	2.0	CWT.	67.50	137.87	
HEIFER CALVES	0.42	4.50	1.9	CWT.	60.75	114.82	
TOTAL PROJECTED RETURNS						$ 252.69	$

OPERATING INPUTS	INPUT USE	UNIT	PROJECTED $/UNIT	PROJECTED COST	
PROT. SUPPLEMENT	300.00	LB.	0.12	36.00	
SALT & MIN.	7.00	LB.	0.12	0.84	
VET MEDICINE	1.00	HEAD	5.75	5.75	
MARKETING	1.00	HEAD	11.00	11.00	
MISC EXPENSE	1.00	HEAD	17.00	17.00	
EQUIPMENT FUEL AND LUBE				12.86	
EQUIPMENT REPAIR				2.06	
TOTAL OPERATING COST				$ 85.52	$

RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT $ 167.17 $

CAPITAL INVESTMENT	QUANTITY INVESTED	UNIT	RATE OF RETURN	PROJECTED COST	
ANNUAL OPERATING CAPITAL	36.09	DOL.	0.180	6.50	
EQUIPMENT INVESTMENT	48.95	DOL.	0.180	8.81	
LIVESTOCK INVESTMENT	493.12	DOL.	0.180	88.76	
TOTAL CAPITAL COST				$ 104.07	$

RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT $ 63.10 $

OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)	PROJECTED COST	
EQUIPMENT	8.43	
LIVESTOCK	26.15	
TOTAL OWNERSHIP COST	$ 34.58	$

RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT $ 28.52 $

OPERATOR LABOR COSTS	LABOR USE	UNIT	RATE OF RETURN	PROJECTED COST	
EQUIPMENT	4.90	HOUR	6.00	29.40	
LIVESTOCK	10.10	HOUR	6.00	60.60	
TOTAL LABOR COST				$ 90.00	$

RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT $ -61.48 $

LAND COSTS	INPUT USE	UNIT	RATE OF RETURN	PROJECTED COST	
PASTURE RENT	1.00	HEAD	75.00	75.00	
TOTAL LAND COST				$ 75.00	$

RESIDUAL RETURNS TO MANAGEMENT AND PROFIT $ -136.48 $

TOTAL PROJECTED COST OF PRODUCTION $ 389.17 $

85% CALF CROP, 20 COWS PER BULL, 2% DEATH LOSS,
12% REPLACEMENT RATE, 300 COW HERD

COW-CALF BUDGET, TEXAS EDWARDS PLATEAU II REGION
1983 PROJECTED COSTS AND RETURNS PER HEAD

	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	2.62	3.58	4.14	4.84	4.95	5.06	5.53	5.64	5.75	-7.68	0.35	1.31	36.09
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	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	4.90
LIVESTOCK LABOR	1.00	1.00	1.00	1.00	0.60	0.70	0.70	0.70	0.70	1.00	0.70	1.00	10.10
TOTAL LABOR	1.41	1.41	1.41	1.41	1.01	1.11	1.11	1.11	1.11	1.41	1.11	1.41	15.00

EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR

EQUIPMENT	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL OWN.	TOTAL OPER.	HOURS LABOR	ALLOC (.%)
EQUIP-EP	5	5.00	13.95	0.78	0.39	5.00	0.0	0.0	20.11	5.00	0.0	0.060
PICKUP TRUCK	10	1057.14	1139.14	63.29	31.64	252.00	1750.00	87.50	2291.21	2089.50	700.00	0.007
COW	52	15.00	74.25	4.13	2.06	0.0	0.0	0.0	95.44	0.0	0.0	1.000
BULL	55	50.00	247.50	13.75	6.87	0.0	0.0	0.0	318.12	0.0	0.0	0.050
HORSE	70	62.50	106.87	5.94	2.97	0.0	0.0	0.0	178.28	0.0	0.0	0.020

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.
EQUIP-EP	5.	100.	DOL.	2.	100.	100.	10.	0.50	0.50	0.0	0.0	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
COW	52.	1.	HEAD	1.	450.	450.	6.	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BULL	55.	1.	HEAD	1.	1500.	1500.	6.	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HORSE	70.	1.	HEAD	1.	750.	750.	6.	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0

LISTING OF ECONOMIC AND ENGINEERING DATA FOR EQUIPMENT IN REGION 9 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.
PU-TP	1.	1.	3.	2.	8000.	8000.	3.	0.40	0.10	0.3	0.0	0.0	0.0	0.0	0.0
PU-EP	2.	1.	3.	2.	8000.	8000.	3.	0.40	0.10	0.3	0.0	0.0	0.0	0.0	0.0
PU-HP	3.	1.	3.	2.	8000.	8000.	3.	0.40	0.10	0.3	0.0	0.0	0.0	0.0	0.0
EQUIP-TP	4.	100.	15.	2.	100.	100.	10.	0.50	0.50	0.0	0.0	0.0	0.0	0.0	0.0
EQUIP-EP	5.	100.	15.	2.	100.	100.	10.	0.50	0.50	0.0	0.0	0.0	0.0	0.0	0.0
EQUIP-HP	6.	100.	15.	2.	100.	100.	10.	0.50	0.50	0.0	0.0	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.	3.	2.	10500.	9500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
COW-TP	51.	1.	1.	1.	500.	500.	6.	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COW	52.	1.	1.	1.	450.	450.	6.	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COW-HP	53.	1.	1.	1.	500.	500.	6.	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BULL-TP	54.	1.	1.	1.	1500.	1500.	6.	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BULL	55.	1.	1.	1.	1500.	1500.	6.	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BULL-HP	56.	1.	1.	1.	1500.	1500.	6.	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EWE-TP	57.	1.	1.	1.	60.	60.	5.	0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EWE-EP	58.	1.	1.	1.	60.	60.	5.	0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EWE-HP	59.	1.	1.	1.	60.	60.	5.	0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RAM-TP	60.	1.	1.	1.	500.	500.	3.	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RAM-EP	61.	1.	1.	1.	500.	500.	3.	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RAM-HP	62.	1.	1.	1.	500.	500.	3.	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DOE-TP	63.	1.	1.	1.	90.	90.	5.	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DOE-EP	64.	1.	1.	1.	90.	90.	5.	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DOE-HP	65.	1.	1.	1.	90.	90.	5.	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BUCK-TP	66.	1.	1.	1.	500.	500.	4.	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BUCK-EP	67.	1.	1.	1.	500.	500.	4.	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BUCK-HP	68.	1.	1.	1.	500.	500.	4.	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HORSE-TP	69.	1.	1.	1.	600.	600.	6.	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HORSE	70.	1.	1.	1.	750.	750.	6.	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HORSE-HP	71.	1.	1.	1.	600.	600.	6.	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0