

CARROTS, IRRIGATED, TEXAS RIO GRANDE VALLEY 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
WTR TANK&TRALR	6,49	JULY	1.00	0.440	0.333	6.25	1.47	0.0	9.62	17.35
SHREDDER 4R	1,46	JULY	1.00	0.283	0.214	2.62	0.95	0.0	5.24	8.80
MOLDBOARD PLOW	1,31	JULY	0.50	0.226	0.171	2.42	0.76	0.0	4.78	7.96
CHISEL PLOW	5,33	JULY	0.50	0.084	0.064	0.28	0.28	0.0	1.00	1.56
OFFSET DISC	1,38	JULY	2.00	0.421	0.319	4.15	1.41	0.0	9.55	15.11
OFFSET DISC	1,38	AUG	2.00	0.421	0.319	4.15	1.41	0.0	9.55	15.11
FLOAT PLANE	1,45	AUG	1.00	0.216	0.164	1.98	0.72	0.0	4.25	6.95
BEDDER 6R	2,35	AUG	1.00	0.151	0.115	1.24	0.51	0.0	2.07	3.82
FERT.APPL,RNTD	4,59	AUG	1.00	0.203	0.154	0.83	0.68	51.20	2.31	55.02
HERB SPRAYR 6R	47	SEPT	1.00	0.0	0.159	0.12	0.0	13.10	0.44	13.65
STANHAY PLANTR	2,58	SEPT	1.00	0.310	0.235	3.43	1.04	13.00	4.43	21.90
DITCHER BLADE	5,48	SEPT	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
HERB SPRAYR 6R	47	OCT	1.00	0.0	0.159	0.12	0.0	13.10	0.44	13.65
CULTIVATOR 6R	4,44	OCT	1.00	0.207	0.157	1.05	0.69	0.0	3.24	4.98
DITCHER BLADE	5,48	OCT	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
DITCHER BLADE	5,48	NOV	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
DITCHER BLADE	5,48	DEC	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
CULTIVATOR 6R	4,44	JAN	1.00	0.207	0.157	1.05	0.69	0.0	3.24	4.98
DITCHER BLADE	5,48	JAN	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
TOTALS				3.195	2.737	29.74	10.70	90.40	60.47	191.31

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG
WATER APPLICATION	SEPT	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	OCT	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	NOV	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	DEC	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	JAN	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
TOTALS		30.00	7.500	0.0	0.0	25.12	30.00	0.0	55.12

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 CARROTS
(DOLLARS)

	3.29	3.70	4.11	4.52	4.93
BAGS					
320.00	-495.43	-363.91	-232.39	-100.87	30.65
360.00	-523.91	-375.95	-227.99	-80.03	67.93
400.00	-552.39	-387.99	-223.59	-59.19	105.21
440.00	-580.87	-400.03	-219.19	-38.35	142.49
480.00	-609.35	-412.07	-214.79	-17.51	179.77

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

CUCUMBERS, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR
			\$/UNIT	VALUE	ESTIMATE
1. GROSS RECEIPTS					
CUCUMBERS	300.00	CRTN	6.79	2037.00	
TOTAL PROJECTED RETURNS				\$ 2037.00	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*CUCUMBER SEED	2.50	LB.	6.50	16.25	
*NITROGEN (DRY)	100.00	LB.	0.35	35.00	
*PHOSPHATE	60.00	LB.	0.27	16.20	
FOLFEED	1.00	ACRE	3.50	3.50	
*HERBICIDE	1.00	ACRE	40.41	40.41	
*INSECTICIDE	5.00	APPL	6.00	30.00	
*FUNGICIDE	6.00	APPL	5.85	35.10	
PESTICIDE APPL.	7.00	APPL	3.50	24.50	
*IRRIG. WATER	8.00	APPL	6.00	48.00	
BEE RENT	1.00	ACRE	12.00	12.00	
IRRIGATION WATER	48.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		11.25	
EQUIPMENT		ACRE		2.06	
REPAIRS-----TRACTOR		ACRE		2.99	
EQUIPMENT		ACRE		3.06	
LABOR-----MACHINERY	2.48	HOUR	3.35	8.29	
IRRIGATION	12.00	HOUR	3.35	40.20	
EQUIPMENT	0.98	HOUR	3.35	3.28	
OTHER	10.00	HOUR	3.35	33.50	
OPERATING CAPITAL	19.22	DOL.	0.150	2.88	
SUBTOTAL, PREHARVEST		ACRE		\$ 368.47	\$
HARVEST COSTS					
HARVEST	300.00	CRTN	1.30	390.00	
PACK&CONT	300.00	CRTN	1.90	570.00	
MKT-VEGETABLES	300.00	CRTN	0.40	120.00	
SUBTOTAL, HARVEST		ACRE		\$ 1080.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 1448.47	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 4.83/CRTN	CUCUMBERS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 588.53	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		25.05	
EQUIPMENT		ACRE		13.56	
LAND-CASH RENT	1.00	ACRE	90.00	90.00	
TOTAL FIXED COSTS		ACRE		\$ 128.61	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 1577.08	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 5.26/CRTN	CUCUMBERS	
6. NET PROJECTED RETURNS		ACRE		\$ 459.92	\$

CUCUMBERS SOLD IN 50-55 POUND BUSHEL CARTONS.

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.

CUCUMBERS, IRRIGATED, TEXAS RIO GRANDE VALLEY 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	5,46	SEPT	1.00	0.283	0.214	0.78	0.95	0.0	3.01	4.74
OFFSET DISC	1,38	SEPT	1.00	0.210	0.159	2.08	0.70	0.0	4.78	7.56
FERT.APPL,RNTD	4,59	JAN	1.00	0.203	0.154	0.83	0.68	51.20	2.31	55.02
DITCHER BLADE	5,48	JAN	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
BEDDER 6R	2,35	FEB	1.00	0.151	0.115	1.24	0.51	0.0	2.07	3.82
RLNG CULT 6R	2,34	FEB	1.00	0.194	0.147	1.76	0.65	0.0	2.86	5.28
STANHAY PLANTR	1,58	FEB	1.00	0.310	0.235	3.79	1.04	16.25	5.59	26.67
HERB SPRAYR 6R	2,47	FEB	1.00	0.209	0.159	1.69	0.70	40.41	2.66	45.46
DITCHER BLADE	5,48	FEB	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
RLNG CULT 6R	2,34	MAR	1.00	0.194	0.147	1.76	0.65	0.0	2.86	5.28
DITCHER BLADE	5,48	MAR	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
RLNG CULT 6R	2,34	APR	1.00	0.194	0.147	1.76	0.65	0.0	2.86	5.28
DITCHER BLADE	5,48	APR	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
DITCHER BLADE	5,48	MAY	1.00	0.504	0.382	1.20	1.69	0.0	6.39	9.29
TOTALS				2.475	1.875	16.95	8.29	107.86	35.67	168.76

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	JAN	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	FEB	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	MAR	12.00	3.000	0.0	0.0	10.05	12.00	0.0	22.05
WATER APPLICATION	APR	12.00	3.000	0.0	0.0	10.05	12.00	0.0	22.05
WATER APPLICATION	MAY	12.00	3.000	0.0	0.0	10.05	12.00	0.0	22.05
TOTALS		48.00	12.000	0.0	0.0	40.20	48.00	0.0	88.20

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 CUCUMBERS
(DOLLARS)

		5.43	6.11	6.79	7.47	8.15
QUANTITY OF CUCUMBERS	CRTN					
	240.00	71.21	234.17	397.13	560.09	723.05
	270.00	126.17	309.50	492.83	676.16	859.49
	300.00	181.13	384.83	588.53	792.23	995.93
	330.00	236.09	460.16	684.23	908.30	1132.37
	360.00	291.05	535.49	779.93	1024.37	1268.81

HONEYDEWS, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
HONEYDEWS	750.00	CRTN	4.73	3547.50	
TOTAL PROJECTED RETURNS				\$ 3547.50	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*HONEYDEW SEED	3.00	LB.	6.00	18.00	
*NITROGEN (DRY)	100.00	LB.	0.35	35.00	
*PHOSPHATE	80.00	LB.	0.27	21.60	
FOLFEED	1.00	ACRE	4.38	4.38	
*INSECTICIDE	5.00	APPL	5.90	29.50	
*FUNGICIDE	10.00	APPL	5.20	52.00	
*HERBICIDE	2.00	ACRE	40.41	80.82	
PESTICIDE APPL.	10.00	APPL	3.50	35.00	
*IRRIG. WATER	5.00	APPL	6.00	30.00	
BEE RENT	0.50	ACRE	12.00	6.00	
IRRIGATION WATER	30.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		17.41	
EQUIPMENT		ACRE		2.06	
REPAIRS-----TRACTOR		ACRE		4.79	
EQUIPMENT		ACRE		4.34	
LABOR-----MACHINERY	3.10	HOURL	3.35	10.37	
IRRIGATION	7.50	HOURL	3.35	25.13	
EQUIPMENT	0.98	HOURL	3.35	3.28	
OTHER	10.00	HOURL	3.35	33.50	
OPERATING CAPITAL	228.06	DOL.	0.150	34.21	
SUBTOTAL, PREHARVEST		ACRE		\$ 447.38	\$
HARVEST COSTS					
HARVEST	750.00	CRTN	0.60	450.00	
PACK&CONT	750.00	CRTN	5.25	3937.50	
MKT-VEGETABLES	750.00	CRTN	0.40	300.00	
SUBTOTAL, HARVEST		ACRE		\$ 4687.50	\$
TOTAL VARIABLE COSTS		ACRE		\$ 5134.87	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 6.85/CRTN	HONEYDEWS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$-1587.38	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		35.69	
EQUIPMENT		ACRE		15.60	
LAND-CASH RENT	1.00	ACRE	90.00	90.00	
TOTAL FIXED COSTS		ACRE		\$ 141.29	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 5276.16	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 7.03/CRTN	HONEYDEWS	
6. NET PROJECTED RETURNS		ACRE		\$-1728.66	\$

HONEYDEWS SOLD IN 30 POUND CARTONS.

HONEYDEWS, IRRIGATED, TEXAS RIO GRANDE VALLEY 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	5,46	SEPT	1.00	0.283	0.214	0.78	0.95	0.0	3.01	4.74
OFFSET DISC	1,38	SEPT	1.00	0.210	0.159	2.08	0.70	0.0	4.78	7.56
MOLDBOARD PLOW	1,31	OCT	0.50	0.226	0.171	2.42	0.76	0.0	4.78	7.96
CHISEL PLOW	1,33	OCT	0.50	0.084	0.064	0.83	0.28	0.0	1.66	2.77
FLOAT PLANE	1,45	NOV	1.00	0.216	0.164	1.98	0.72	0.0	4.25	6.95
RLNG CULT 6R	2,34	NOV	1.00	0.194	0.147	1.76	0.65	0.0	2.86	5.28
RLNG CULT 6R	2,34	DEC	1.00	0.194	0.147	1.76	0.65	0.0	2.86	5.28
RLNG CULT 6R	2,34	JAN	1.00	0.194	0.147	1.76	0.65	0.0	2.86	5.28
FERT.APPL,RNTD	4,59	JAN	1.00	0.203	0.154	0.83	0.68	56.60	2.31	60.42
BEDDER 6R	2,35	JAN	1.00	0.151	0.115	1.24	0.51	0.0	2.07	3.82
HERB SPRAYR 6R	2,47	JAN	1.00	0.209	0.159	1.69	0.70	40.41	2.66	45.46
RLNG CULT 6R	2,34	FEB	1.00	0.194	0.147	1.76	0.65	0.0	2.86	5.28
STANHAY PLANTR	1,58	FEB	1.00	0.310	0.235	3.79	1.04	18.00	5.59	28.42
DITCHER BLADE	5,48	FEB	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
RLNG CULT 6R	2,34	MAR	1.00	0.194	0.147	1.76	0.65	0.0	2.86	5.28
HERB SPRAYR 6R	2,47	MAR	1.00	0.209	0.159	1.69	0.70	40.41	2.66	45.46
DITCHER BLADE	5,48	MAR	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
DITCHER BLADE	5,48	APR	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
DITCHER BLADE	5,48	MAY	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
TOTALS				3.095	2.345	26.18	10.37	155.42	48.34	240.32

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	FEB	12.00	3.000	0.0	0.0	10.05	12.00	0.0	22.05
WATER APPLICATION	MAR	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	APR	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	MAY	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
TOTALS		30.00	7.500	0.0	0.0	25.12	30.00	0.0	55.12

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 HONEYDEWS
(DOLLARS)

		3.78	4.26	4.73	5.20	5.68
CRTN						
QUANTITY OF HONEYDEWS	600.00	-1926.97	-1643.18	-1359.38	-1075.58	-791.78
	675.00	-2111.92	-1792.65	-1473.38	-1154.10	-834.83
	750.00	-2296.87	-1942.13	-1587.38	-1232.63	-877.88
	825.00	-2481.82	-2091.60	-1701.38	-1311.15	-920.93
	900.00	-2666.77	-2241.08	-1815.38	-1389.68	-963.98

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: 19 DATE: 030883

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
12	SLAUGHTER HEIFER		CWT.	60.50	339	MOW,RAKE,BALE		BALE	0.45
13	STEER CALVES		CWT.	67.50	340	CUSTOM BALING		BALE	0.45
14	HEIFER CALVES		CWT.	60.75	341	CUSTOM BALE HAUL		BALE	0.25
17	CULL COWS		CWT.	36.50	359	IRRIG. LABOR		HOUR	3.50
28	DEER LEASE		ACRE	5.00	370	TREE WRAP		TREE	0.65
71	DEFICIENCY PMT.	SORG	CWT.	0.36	372	TREE REPLACEMENT		TREE	5.00
72	CORN		BU.	2.65	383	MARKETING		HEAD	9.50
73	GRAIN SORGHUM		CWT.	4.52	392	MARKETING		HEAD	9.50
90	DEFICIENCY PMT.	COTT	LB.	0.21	393	MISC EXPENSE	LIVE	HEAD	5.00
91	DEFICIENCY PMT.	CORN	BU.	0.21	395	FENCE REPAIR		HEAD	1.50
93	COTTON LINT		LB.	0.55	396	WATER FACIL REPR		HEAD	1.00
94	COTTONSEED		TON	95.00	400	MISC EXPENSE		HEAD	5.00
98	SOYBEANS		BU.	5.00	410	VET MEDICINE		HEAD	10.00
103	SALT & WIN.		HEAD	8.50	466	LIVESTOCK WATER		EACH	0.15
110	RANGE CUBES		LB.	0.20	468	IRRIG. WATER		APPL	6.00
154	PASTURE RENT	PAIM	ACRE	4.17	497	BRUSH CLEARING		ACRE	100.00
155	PASTURE RENT	UNIM	ACRE	3.00	501	BELL PEPPERS	SD	LB.	25.00
156	PASTURE RENT	IMPI	ACRE	45.00	502	CABBAGE SEED		LB.	50.00
157	PASTURE RENT	IMPI	ACRE	7.50	503	CANTALOUPE SEED		LB.	8.00
161	CORN SILAGE		TON	20.00	504	CARROT SEED		LB.	6.50
163	SORGHUM SILAGE		TON	18.00	505	CUCUMBER SEED		LB.	6.50
170	HAY		TON	100.00	506	LETTUCE SEED		LB.	18.00
177	RANGE IMPROVEMEN		DOL.	2.50	507	HONEYDEW SEED		LB.	6.00
178	IMPROVED PASTURE		ACRE	4.59	508	ONION SEED		LB.	50.00
184	SEED CORN/GRAIN		LB.	1.00	509	TOMATO SEED		LB.	25.00
185	SEED CRN SILAGE	CORN	LB.	1.00	513	BUFFEL GRASS	SD	LB.	3.00
186	GRAIN SORG. SEED		LB.	0.60	516	GRAPEFRUIT TREE		TREE	4.00
187	FORAGE SORG. SD	SD	LB.	0.60	521	SIDE DRESS		ACRE	75.90
189	SOYBEAN SEED		LB.	0.44	522	FOLIAR FEED		ACRE	2.72
211	NITROGEN		LB.	0.24	523	HERBICIDE		ACRE	35.75
212	NITROGEN (DRY)		LB.	0.35	524	INSECTICIDE		ACRE	3.80
215	PHOSPHATE		LB.	0.27	525	FUNGICIDE		ACRE	4.30
219	HERBICIDE		LB.	7.00	526	HARVEST		ACRE	1.05
233	SOIL INSEC.		ACRE	10.44	527	PACK&CONT		ACRE	2.35
248	HERB, PREMERGE		APPL	9.00	528	HERBICIDE		ACRE	35.75
256	DEFOLIANT		ACRE	4.60	529	INSECTICIDE		ACRE	16.70
267	CUST HARV & HAUL	SOYB	BU.	0.65	530	FUNGICIDE		ACRE	4.50
270	CUS HARV SORG D		CWT.	0.35	531	HARVEST		ACRE	0.50
272	CUS. HARV. CORN		ACRE	15.00	532	PACK&CON		ACRE	1.55
274	CUSTOM HAUL		CWT.	0.25	533	INSECTICIDE		ACRE	6.00
282	GIN, BAG, TIES		BALE	48.00	534	HERBICIDE		ACRE	40.41
283	HAUL GRAIN SORG		CWT.	0.35	535	FUNGICIDE		ACRE	3.50
291	SD COTTON	UPL	LB.	0.50	536	HARVEST		ACRE	1.10
299	PEAR BURNING		DOL.	1.00	537	PACK&CONT		ACRE	1.55
318	CUSTOM PLANT		ACRE	5.00	538	HERBICIDE		ACRE	13.10
330	FERTILIZER APPL		ACRE	3.00	539	INSECTICIDE		ACRE	3.50
331	PESTICIDE APPL.		APPL	3.50	540	FUNGICIDE		ACRE	4.50
332	HERBICIDES		ACRE	2.50	541	FUMIGATE		ACRE	0.15
335	DEFOLIANT APPL.		ACRE	3.00	542	HARVEST		ACRE	1.05
337	CUSTOM SPRIGGING		ACRE	75.00	543	PACK&CONT		ACRE	2.55

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

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
544	FOLFEED	HONE	ACRE	4.38	594	INSECTICIDE	SB	APPL	2.50
545	INSECTICIDE	HONE	APPL	5.90	595	INNOC.	SB	APPL	1.10
546	FUNGICIDE	HONE	APPL	5.20	596	FUNGICIDE	SB	APPL	8.32
547	HERBICIDE	HONE	ACRE	40.41	600	BEE RENT		ACRE	12.00
548	HARVEST	HONE	CRTN	0.60					
549	PACK&CONT	HONE	CRTN	5.25					
550	HERBICIDE	LETT	ACRE	14.75					
551	INSECTICIDE	LETT	APPL	5.90					
552	FUNGICIDE	LETT	APPL	4.50					
553	HARVEST	LETT	CRTN	3.20					
554	PACK&CONT	LETT	CRTN	1.55					
555	HERBICIDE	ONIO	ACRE	47.47					
556	INSECTICIDE	ONIO	APPL	4.95					
557	FUNGICIDE	ONIO	APPL	4.50					
558	FOLFEED	ONIO	APPL	5.24					
559	HARVEST	ONIO	BAGS	1.30					
560	PACK&CONT	ONIO	BAGS	1.75					
561	DRYING	ONIO	BAGS	0.25					
562	HERBICIDE	TOMA	ACRE	35.75					
563	INSECTICIDE	TOMA	APPL	5.50					
564	FUNGICIDE	TOMA	APPL	4.50					
565	HARVEST	TOMA	CRTN	1.30					
566	PACK&CONT	TOMA	CRTN	2.00					
567	FOLFEED	TOMA	ACRE	1.10					
568	FOLFEED	CUMC	ACRE	3.50					
569	HERBICIDE	CUMC	ACRE	40.41					
570	INSECTICIDE	CUMC	APPL	6.00					
571	FUNGICIDE	CUMC	APPL	5.85					
572	HARVEST	CUMC	CRTN	1.30					
573	PACK&CONT	CUMC	CRTN	1.90					
574	HERBICIDE	CITY	ACRE	27.00					
575	HERBICIDE	CITR	APPL	53.00					
576	INSECTICIDE	CITR	APPL	60.00					
577	INSECT. APPL.	CITR	APPL	20.00					
578	GRAPEFRUIT		TON	70.00					
579	ORANGES		TON	100.00					
580	BELL PEPPERS		CRTN	9.42					
581	CABBAGE		CRTN	4.57					
582	CANTALOUPE		CRTN	8.00					
583	CARROTS		BAGS	4.11					
584	HONEYDEWS		CRTN	4.73					
585	LETTUCE		CRTN	6.08					
586	ONIONS		BAGS	4.53					
587	TOMATOES		CRTN	9.42					
588	CUCUMBERS		CRTN	6.79					
589	MKT-VEGETABLES		CRTN	0.40					
590	INSECTICIDE	COTT	APPL	4.50					
591	HERBICIDE	COTT	ACRE	20.30					
592	INSECTICIDE	GRN	APPL	1.72					
593	HERBICIDE	GRN	APPL	3.30					

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: 19 DATE: 030883

ROW	PARAMETER DEFINITION	DEFAULT VALUE
1.	PRICE PER GALLON OF GASOLINE	1.0000
2.	PRICE PER GALLON OF L.P. GAS	0.4400
3.	PRICE PER GALLON OF DIESEL	0.9000
4.	PRICE PER KILOWATT HOUR OF ELECTRICITY	0.0800
5.	PRICE PER 1000 CU. FT. OF NATURAL GAS	0.0
6.	NOMINAL INTEREST RATE	0.1500
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	3.35
11.	HOURLY OTHER LABOR WAGE RATE	3.35
12.	HOURLY IRRIG./LIVESTOCK WAGE RATE	3.35
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)	0.2500
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 19

DATE:030883

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.	1.80	500.	7.	0.88	0.92	40100.	3.	12000.	150.
TRACTOR	2.	125.0	39550.	4.5	0.88	1.20	0.	1.80	600.	7.	0.88	0.92	35600.	3.	12000.	125.
TRACTOR	3.	100.0	32600.	4.5	0.88	1.20	0.	1.80	500.	7.	0.88	0.92	29340.	3.	12000.	100.
TRACTOR	4.	75.0	21100.	4.5	0.88	1.20	0.	1.80	300.	7.	0.88	0.92	18990.	3.	12000.	75.
TRACTOR	5.	40.0	12100.	4.5	0.88	1.20	0.	1.80	300.	7.	0.88	0.92	10890.	3.	12000.	40.
TRACTOR 4 WH DR	6.	225.0	86000.	4.5	0.88	1.20	0.	1.80	600.	7.	0.88	0.92	59400.	3.	12000.	225.
PICKUP TRUCK	10.	0.5	8500.	30.0	0.88	0.80	0.	1.80	700.	3.	0.80	0.88	7650.	1.	2800.	30.
COMBINE	13.	14.0	48845.	3.0	0.70	1.20	0.	1.80	200.	6.	0.88	0.92	41300.	1.	1500.	120.
COMBINE	14.	20.0	67100.	3.0	0.70	1.20	0.	1.80	300.	6.	0.88	0.92	59400.	1.	2500.	150.
CTTN PICKR 2R	17.	5.0	60375.	2.3	0.70	0.75	0.	1.80	300.	8.	0.84	0.88	56782.	3.	2000.	105.
MOLDBOARD PLOW	30.	5.3	5825.	4.5	0.80	1.00	0.	1.30	100.	7.	0.80	0.88	5280.	0.	2000.	0.
MOLDBOARD PLOW	31.	5.7	6504.	4.5	0.80	1.00	0.	1.30	150.	7.	0.80	0.88	5940.	0.	2000.	0.
CHISEL PLOW	32.	15.0	4812.	4.5	0.80	1.00	0.	1.80	150.	7.	0.80	0.88	4345.	0.	2000.	0.
CHISEL PLOW	33.	18.0	5143.	4.5	0.80	1.00	0.	1.80	150.	7.	0.80	0.88	4675.	0.	2000.	0.
RLNG CULT 8R	34.	20.0	5390.	3.5	0.80	1.00	0.	1.80	200.	7.	0.80	0.88	4785.	0.	2000.	0.
BEDDER 5R	35.	20.0	2977.	4.5	0.80	1.00	0.	1.80	150.	7.	0.80	0.88	2700.	0.	2000.	0.
PLANTER 6R	36.	20.0	5418.	4.5	0.80	0.80	0.	1.80	100.	7.	0.80	0.88	4850.	0.	1200.	0.
OFFSET DISC	38.	13.0	8042.	4.8	0.83	0.85	0.	1.80	150.	7.	0.80	0.88	7291.	0.	2000.	0.
ROTOVATOR 4R	42.	13.0	8710.	4.5	0.80	1.00	0.	1.30	150.	7.	0.80	0.88	5638.	0.	2000.	0.
CULTIVATOR 6R	44.	20.0	4280.	3.5	0.75	1.00	0.	1.80	150.	7.	0.80	0.88	3740.	0.	2000.	0.
FLOAT PLANE	45.	14.0	5080.	6.0	0.60	0.80	0.	1.80	150.	7.	0.80	0.88	4620.	0.	2500.	0.
SHREDDER 4R	46.	13.0	4070.	3.7	0.80	0.80	0.	1.80	150.	7.	0.80	0.88	3830.	0.	2000.	0.
HERB SPRAYR 6R	47.	20.0	1341.	4.0	0.85	1.00	0.	1.80	100.	7.	0.80	0.88	1210.	0.	1200.	0.
DITCHER BLADE	48.	6.0	1990.	4.5	0.80	1.00	0.	1.80	50.	7.	0.80	0.88	1600.	0.	2000.	0.
WTR TANK&TRALR	49.	3.0	3973.	10.0	0.82	1.00	0.	1.80	150.	7.	0.80	0.88	3816.	0.	2000.	0.
CTTN TRAILERS	50.	3.0	2548.	10.0	0.82	1.00	0.	1.80	100.	7.	0.80	0.88	2548.	0.	2000.	0.
ORCH SPRAYR	51.	25.0	18150.	4.0	0.85	1.00	0.	1.80	100.	7.	0.80	0.88	15812.	0.	1200.	0.
BORDER DISC	53.	6.0	963.	4.5	0.83	0.85	0.	1.80	100.	7.	0.80	0.88	852.	0.	2000.	0.
TREE HOE	54.	5.0	1925.	3.0	0.83	0.85	0.	1.80	200.	7.	0.80	0.88	1705.	0.	2000.	0.
HRB SPR W HDGN	55.	12.0	1210.	4.0	0.87	1.20	0.	1.80	100.	7.	0.80	0.88	1100.	0.	1200.	0.
BROADCST SEEDR	56.	30.0	1485.	4.0	0.87	1.20	0.	1.80	200.	7.	0.80	0.88	1403.	0.	1200.	0.
FLEX HARROW	57.	12.0	770.	4.5	0.80	0.85	0.	1.80	150.	7.	0.80	0.88	660.	0.	2000.	0.
STANHAY PLANTR	58.	13.0	8380.	4.5	0.80	0.80	0.	1.80	200.	7.	0.80	0.88	4400.	0.	1200.	0.
FERT.APPL,RNTD	59.	20.0	1.	4.0	0.87	1.20	0.	1.80	10.	1.	0.80	0.88	1.	0.	1200.	0.
FERT.APPL,RNTD	60.	25.0	1.	4.0	0.87	1.20	0.	1.80	1.	1.	0.80	0.88	1.	0.	1200.	0.
GRAIN CART	61.	15.0	1980.	10.0	0.82	1.00	0.	1.80	240.	20.	0.80	0.88	1980.	0.	2000.	0.
	63.	5.3	1640.	4.5	0.80	1.00	0.	1.30	100.	8.	0.80	0.88	1350.	0.	2000.	0.
	64.	13.0	1900.	4.5	0.80	1.00	0.	1.80	200.	10.	0.80	0.88	1650.	0.	2000.	0.
	65.	12.0	850.	4.5	0.80	0.85	0.	1.80	150.	10.	0.80	0.88	725.	0.	2000.	0.
	66.	13.0	3900.	3.5	0.75	1.00	0.	1.80	100.	12.	0.80	0.88	3400.	0.	2000.	0.
	67.	5.0	1700.	3.7	0.80	0.80	0.	1.80	100.	10.	0.80	0.88	1500.	0.	2000.	0.
	68.	13.0	4000.	4.0	0.72	0.75	0.	1.80	100.	10.	0.80	0.88	3200.	0.	1000.	0.
MOLDBOARD PLOW	69.	4.0	4510.	4.1	0.70	0.80	0.	1.30	200.	10.	0.80	0.88	4180.	0.	2500.	0.
SPIKE HARROW	70.	12.0	935.	4.8	0.70	0.80	0.	1.80	150.	10.	0.80	0.88	800.	0.	1875.	0.
GRAIN DRILL	72.	13.0	4400.	4.0	0.83	0.80	0.	1.80	100.	10.	0.80	0.88	3520.	0.	1250.	0.
PLANTER,PEANUT	73.	13.0	5445.	5.0	0.80	0.80	0.	1.80	200.	10.	0.80	0.88	4800.	0.	2500.	0.
DIGGER,PEANUT	74.	5.3	3785.	3.0	0.87	0.80	0.	1.80	200.	8.	0.80	0.88	3410.	0.	2000.	0.
SWATHER, PTO	76.	12.0	9490.	5.0	0.77	0.80	0.	1.80	200.	10.	0.80	0.88	8588.	0.	2500.	0.
RAKE, SIDE DEL.	77.	13.0	880.	4.5	0.77	0.80	0.	1.80	150.	8.	0.80	0.88	550.	0.	1500.	0.
BALER, PTO	78.	12.0	8582.	3.5	0.75	0.80	0.	1.80	200.	10.	0.80	0.88	7851.	0.	2500.	0.

TEXAS ENTERPRISE BUDGETS

TEXAS RIO GRANDE VALLEY REGION

Projected for 1983

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ECO 7-2

COW-CALF PRODUCTION TEXAS RIO GRANDE REGION
1983 PROJECTED COSTS AND RETURNS PER COW
IMPROVED DRYLAND PASTURE

INVESTMENT REQUIREMENTS				PROJECTED		YOUR
	NUMBER	UNIT	SIZE	\$/UNIT	VALUE	ESTIMATE
COW RAISED	0.67	HEAD	1.00	600.00	402.00	
COW PURCH DRY PA	0.33	HEAD	1.00	495.00	163.35	
HEIFER RAISED	0.04	HEAD	1.00	550.00	22.00	
HEIFER RAI DRY P	0.07	HEAD	1.00	400.00	26.80	
HORSE	0.02	HEAD	1.00	671.87	13.44	
TOTAL LIVESTOCK INVESTMENT					\$ 627.59	\$

PRODUCTION				PROJECTED		
	NUMBER	WGT. EACH	TOTAL UNITS UNIT	\$/UNIT	RETURN	
STEER CALVES	0.40	4.60	1.8 CWT.	67.50	124.20	
HEIFER CALVES	0.30	4.40	1.3 CWT.	60.75	80.19	
CULL COWS	0.07	8.50	0.6 CWT.	36.50	21.72	
TOTAL PROJECTED RETURNS					\$ 226.11	\$

OPERATING INPUTS				PROJECTED		
	INPUT	USE	UNIT	\$/UNIT	COST	
VET MEDICINE		1.00	HEAD	10.00	10.00	
SALT & MIN.		1.00	HEAD	8.50	8.50	
IMPROVED PASTURE		6.50	ACRE	4.59	29.83	
CUSTOM BALING		14.50	BALE	0.45	6.52	
NITROGEN		1.00	LB.	0.24	0.24	
FENCE REPAIR		1.00	HEAD	1.50	1.50	
WATER FACIL REPR		1.00	HEAD	1.00	1.00	
MARKETING		0.77	HEAD	9.50	7.31	
MISC EXPENSE		1.00	HEAD	5.00	5.00	
RANGE CUBES		20.00	LB.	0.20	4.00	
EQUIPMENT FUEL AND LUBE					7.35	
EQUIPMENT REPAIR					1.77	
TOTAL OPERATING COST					\$ 83.03	\$

RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 143.07	\$
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CAPITAL INVESTMENT		QUANTITY INVESTED	UNIT	RATE OF RETURN	PROJECTED COST	
ANNUAL OPERATING CAPITAL		7.54	DOL.	0.150	1.13	
EQUIPMENT INVESTMENT		49.39	DOL.	0.150	7.41	
LIVESTOCK INVESTMENT		627.59	DOL.	0.150	94.14	
TOTAL CAPITAL COST					\$ 102.68	\$

RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 40.39	\$
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OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)				PROJECTED COST		
EQUIPMENT					11.53	
LIVESTOCK					21.19	
TOTAL OWNERSHIP COST					\$ 32.72	\$

RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT					\$ 7.68	\$
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OPERATOR LABOR COSTS		LABOR USE	UNIT	RATE OF RETURN	PROJECTED COST	
EQUIPMENT		3.50	HOUR	3.35	11.72	
LIVESTOCK		6.00	HOUR	3.35	20.10	
TOTAL LABOR COST					\$ 31.82	\$

RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT					\$ -24.15	\$
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LAND COSTS		INPUT	USE	UNIT	RATE OF RETURN	PROJECTED COST	
PASTURE RENT		6.50		ACRE	10.00	65.00	
TOTAL LAND COST						\$ 65.00	\$

RESIDUAL RETURNS TO MANAGEMENT AND PROFIT					\$ -89.15	\$
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TOTAL PROJECTED COST OF PRODUCTION					\$ 315.25	\$
200 COW UNIT, 8 BULLS, 15% REPLACEMENT - 10% RAISED AND 5% PURCHASED, 80% CALF CROP, 6.5 ACRES/COW, 1000 ACRE RANCH, 3% DEATH LOSS.						

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 PRODUCTION TEXAS RIO GRANDE REGION
1983 PROJECTED COSTS AND RETURNS PER COW
IMPROVED DRYLAND PASTURE**

	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	1.79	2.24	2.98	-1.50	-0.48	0.16	0.81	1.83	2.46	3.11	-6.51	0.84	7.54
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	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	3.50
LIVESTOCK LABOR	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	6.00
TOTAL LABOR	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	9.50

EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR

EQUIPMENT	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL OWN.	TOTAL OPER.	HOURS LABOR	ALLOC (%)
STOCK TRAILER	4	1000.00	450.00	30.00	15.00	100.00	0.0	0.0	1495.00	100.00	0.0	0.005
TACK	8	100.00	82.50	5.50	2.75	2.00	0.0	0.0	190.75	2.00	0.0	0.005
PICKUP TRUCK	10	1057.14	949.28	63.29	31.84	252.00	1400.00	70.00	2101.35	1722.00	700.00	0.005
COW RAISED	51	0.0	90.00	8.00	3.00	0.0	0.0	0.0	99.00	0.0	0.0	0.870
COW PURCH DRY PA	53	30.00	74.25	4.85	2.47	0.0	0.0	0.0	111.57	0.0	0.0	0.330
HEIFER RAISED	55	0.0	82.50	5.50	2.75	0.0	0.0	0.0	90.75	0.0	0.0	0.040
HEIFER RAI DRY P	56	0.0	60.00	4.00	2.00	0.0	0.0	0.0	66.00	0.0	0.0	0.067
HORSE	95	93.75	100.78	6.72	3.36	0.0	0.0	0.0	204.61	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.
STOCK TRAILER	4.	16.	FEET	2.	5000.	5000.	5.	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0
TACK	6.	1.	DOL.	2.	1000.	1000.	10.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.		2.	10500.	9500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
COW RAISED	51.	1.	HEAD	1.	800.	800.	8.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COW PURCH DRY PA	53.	1.	HEAD	1.	800.	800.	8.	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEIFER RAISED	55.	1.	HEAD	1.	550.	550.	10.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEIFER RAI DRY P	56.	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.	1000.	1000.	8.	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0

COW-CALF PRODUCTION TEXAS RIO GRANDE REGION
1983 PROJECTED COSTS AND RETURNS PER COW
PARTIALLY IMPROVED PASTURE

INVESTMENT REQUIREMENTS				PROJECTED		YOUR
	NUMBER	UNIT	SIZE	\$/UNIT	VALUE	ESTIMATE
COW RAISED	0.67	HEAD	1.00	600.00	402.00	
COW PURCH DRY PA	0.33	HEAD	1.00	495.00	163.35	
HEIFER RAISED	0.04	HEAD	1.00	550.00	22.00	
HEIFER RAI DRY P	0.07	HEAD	1.00	400.00	26.80	
HORSE	0.02	HEAD	1.00	671.87	13.44	
TOTAL LIVESTOCK INVESTMENT					\$ 627.59	\$

PRODUCTION				PROJECTED		
	NUMBER	WGT. EACH	TOTAL UNITS UNIT	\$/UNIT	RETURN	
STEER CALVES	0.38	4.40	1.7 CWT.	67.50	112.86	
HEIFER CALVES	0.28	4.20	1.2 CWT.	60.75	71.44	
CULL COWS	0.07	8.00	0.6 CWT.	36.50	20.44	
DEER LEASE	12.50	1.00	12.5 ACRE	5.00	62.50	
TOTAL PROJECTED RETURNS					\$ 267.24	\$

OPERATING INPUTS				PROJECTED		
	INPUT USE	UNIT		\$/UNIT	COST	
RANGE CUBES	20.00	LB.		0.20	4.00	
SALT & MIN.	1.00	HEAD		8.50	8.50	
VET MEDICINE	1.00	HEAD		10.00	10.00	
CUSTOM BALING	7.50	BALE		0.45	3.37	
FENCE REPAIR	1.00	HEAD		1.50	1.50	
WATER FACIL REPR	1.00	HEAD		1.00	1.00	
MARKETING	0.73	HEAD		9.50	6.93	
MISC EXPENSE	1.00	HEAD		5.00	5.00	
RANGE IMPROVEMEN	1.00	DOL.		2.50	2.50	
EQUIPMENT FUEL AND LUBE					7.35	
EQUIPMENT REPAIR					1.77	
TOTAL OPERATING COST					\$ 51.93	\$

RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 215.31	\$
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CAPITAL INVESTMENT		QUANTITY INVESTED	UNIT	RATE OF RETURN	PROJECTED COST	
ANNUAL OPERATING CAPITAL		-44.17	DOL.	0.150	-6.63	
EQUIPMENT INVESTMENT		49.39	DOL.	0.150	7.41	
LIVESTOCK INVESTMENT		627.59	DOL.	0.150	94.14	
TOTAL CAPITAL COST					\$ 94.92	\$

RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 120.39	\$
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OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)				PROJECTED COST		
EQUIPMENT					11.53	
LIVESTOCK					21.19	
TOTAL OWNERSHIP COST					\$ 32.72	\$

RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT					\$ 87.67	\$
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OPERATOR LABOR COSTS		LABOR USE	UNIT	RATE OF RETURN	PROJECTED COST	
EQUIPMENT		3.50	HOUR	3.35	11.72	
LIVESTOCK		7.50	HOUR	3.35	25.13	
TOTAL LABOR COST					\$ 36.85	\$

RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT					\$ 50.82	\$
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LAND COSTS		INPUT USE	UNIT	RATE OF RETURN	PROJECTED COST	
PASTURE RENT		15.00	ACRE	4.17	62.55	
TOTAL LAND COST					\$ 62.55	\$

RESIDUAL RETURNS TO MANAGEMENT AND PROFIT					\$ -11.72	\$
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TOTAL PROJECTED COST OF PRODUCTION					\$ 278.97	\$
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200 COW UNIT, 8 BULLS, 15% REPLACEMENT - 10% RAISED AND 5% PURCHASED,
76% CALF CROP, 15 ACRES/COW, 3000 ACRE RANCH, 3% DEATH LOSS.

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 PRODUCTION TEXAS RIO GRANDE REGION
1983 PROJECTED COSTS AND RETURNS PER COW
PARTIALLY IMPROVED PASTURE**

	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	2.05	2.39	3.07	-1.14	-8.19	-7.58	-6.79	-6.17	-5.54	-4.54	-12.73	1.00	-44.17
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	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	3.50
LIVESTOCK LABOR	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	7.50
TOTAL LABOR	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	11.00

EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR

EQUIPMENT	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL OWN.	TOTAL OPER.	HOURS LABOR	ALLOE (%)
STOCK TRAILER	4	1000.00	450.00	30.00	18.00	100.00	0.0	0.0	1495.00	100.00	0.0	0.005
TACK	6	100.00	82.50	5.50	2.75	2.00	0.0	0.0	190.75	2.00	0.0	0.005
PICKUP TRUCK	10	1057.14	949.28	63.29	31.64	252.00	1400.00	70.00	2101.35	1722.00	700.00	0.005
COW RAISED	51	0.0	80.00	5.00	3.00	0.0	0.0	0.0	88.00	0.0	0.0	0.670
COW PURCH DRY PA	53	30.00	74.25	4.95	2.47	0.0	0.0	0.0	111.67	0.0	0.0	0.330
HEIFER RAISED	55	0.0	82.50	5.50	2.75	0.0	0.0	0.0	90.75	0.0	0.0	0.040
HEIFER RAI DRY P	56	0.0	80.00	4.00	2.00	0.0	0.0	0.0	86.00	0.0	0.0	0.067
HORSE	95	93.75	100.78	6.72	3.36	0.0	0.0	0.0	204.61	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.
STOCK TRAILER	4.	18.	FEET	2.	5000.	5000.	8.	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0
TACK	6.	1.	DOL.	2.	1000.	1000.	10.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.		2.	10500.	9500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
COW RAISED	51.	1.	HEAD	1.	800.	800.	8.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COW PURCH DRY PA	53.	1.	HEAD	1.	800.	600.	8.	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEIFER RAISED	55.	1.	HEAD	1.	550.	550.	10.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEIFER RAI DRY P	56.	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.	1000.	1000.	8.	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0

COW-CALF PRODUCTION TEXAS RIO GRANDE REGION
1983 PROJECTED COSTS AND RETURNS PER COW
UNIMPROVED PASTURE

INVESTMENT REQUIREMENTS				PROJECTED		YOUR
	NUMBER	UNIT	SIZE	\$/UNIT	VALUE	ESTIMATE
COW RAISED	0.67	HEAD	1.00	600.00	402.00	
COW PURCH DRY PA	0.33	HEAD	1.00	495.00	163.35	
HEIFER RAISED	0.05	HEAD	1.00	550.00	27.50	
HEIFER RAI DRY P	0.07	HEAD	1.00	400.00	26.80	
HORSE	0.02	HEAD	1.00	671.87	13.44	
TOTAL LIVESTOCK INVESTMENT					\$ 633.09	\$

PRODUCTION				PROJECTED		
	NUMBER	WGT. EACH	TOTAL UNITS UNIT	\$/UNIT	RETURN	
STEER CALVES	0.35	4.30	1.5 CWT.	67.50	101.59	
HEIFER CALVES	0.25	4.10	1.0 CWT.	60.75	62.27	
CULL COWS	0.07	8.00	0.6 CWT.	36.50	20.44	
DEER LEASE	25.00	1.00	25.0 ACRE	5.00	125.00	
TOTAL PROJECTED RETURNS					\$ 309.30	\$

OPERATING INPUTS				PROJECTED		
	INPUT USE	UNIT		\$/UNIT	COST	
PEAR BURNING	6.50	DOL.		1.00	6.50	
SALT & MIN.	1.00	HEAD		8.50	8.50	
VET MEDICINE	1.00	HEAD		10.00	10.00	
FENCE REPAIR	1.00	HEAD		1.50	1.50	
WATER FACIL REPR	1.00	HEAD		1.00	1.00	
MARKETING	0.67	HEAD		9.50	6.36	
MISC EXPENSE	1.00	HEAD		5.00	5.00	
EQUIPMENT FUEL AND LUBE					7.35	
EQUIPMENT REPAIR					2.02	
TOTAL OPERATING COST					\$ 48.24	\$

RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT				\$ 261.06	\$
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CAPITAL INVESTMENT		QUANTITY INVESTED	UNIT	RATE OF RETURN	PROJECTED COST	
ANNUAL OPERATING CAPITAL		-38.41	DOL.	0.150	-5.76	
EQUIPMENT INVESTMENT		63.31	DOL.	0.150	9.50	
LIVESTOCK INVESTMENT		633.09	DOL.	0.150	94.96	
TOTAL CAPITAL COST					\$ 98.70	\$

RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT				\$ 162.36	\$
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OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)				PROJECTED COST		
EQUIPMENT					14.27	
LIVESTOCK					21.27	
TOTAL OWNERSHIP COST					\$ 35.54	\$

RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT				\$ 126.82	\$
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OPERATOR LABOR COSTS		LABOR USE	UNIT	RATE OF RETURN	PROJECTED COST	
EQUIPMENT		3.50	HOUR	3.35	11.72	
LIVESTOCK		9.00	HOUR	3.35	30.15	
TOTAL LABOR COST					\$ 41.87	\$

RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT				\$ 84.95	\$
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LAND COSTS		INPUT USE	UNIT	RATE OF RETURN	PROJECTED COST	
PASTURE RENT		25.00	ACRE	3.00	75.00	
TOTAL LAND COST					\$ 75.00	\$

RESIDUAL RETURNS TO MANAGEMENT AND PROFIT				\$ 9.95	\$
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TOTAL PROJECTED COST OF PRODUCTION				\$ 299.35	\$
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200 COW UNIT, 10 BULLS, 15% REPLACEMENTS - 10% RAISED AND 5% PURCHASED.
70% CALF CROP, 25 ACRES/COW, 5000 ACRE RANCH, 3% DEATH LOSS.

**COW-CALF PRODUCTION TEXAS RIO GRANDE REGION
1983 PROJECTED COSTS AND RETURNS PER COW
UNIMPROVED PASTURE**

	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	2.43	3.21	4.00	-0.43	-6.25	-5.69	-5.08	-4.48	-3.92	-7.69	-15.50	0.98	-38.41
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	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	3.50
LIVESTOCK LABOR	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	9.00
TOTAL LABOR	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	12.50
EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR													
EQUIPMENT	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL OWN.	TOTAL OPER.	HOURS LABOR	ALLOC [. %]	
STOCK SPRAYER	3	506.00	417.45	27.83	13.91	50.60	0.0	0.0	955.19	50.80	0.0	0.005	
STOCK TRAILER	4	1000.00	450.00	30.00	15.00	100.00	0.0	0.0	1495.00	100.00	0.0	0.005	
TACK	5	100.00	82.50	5.50	2.75	2.90	0.0	0.0	190.75	2.00	0.0	0.005	
PICKUP TRUCK	10	1057.14	949.28	63.29	31.64	252.00	1400.00	70.00	2101.35	1722.00	700.00	0.005	
COW RAISED	51	0.0	90.00	5.00	3.00	0.0	0.0	0.0	99.00	0.0	0.0	0.570	
COW PURCH DRY PA	53	30.00	74.25	4.85	2.47	0.0	0.0	0.0	111.67	0.0	0.0	0.330	
HEIFER RAISED	55	0.0	82.50	5.50	2.75	0.0	0.0	0.0	90.75	0.0	0.0	0.050	
HEIFER RAI DRY P	56	0.0	60.00	4.00	2.00	0.0	0.0	0.0	66.00	0.0	0.0	0.067	
HORSE	95	93.75	100.73	6.72	3.36	0.0	0.0	0.0	204.61	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.
STOCK SPRAYER	3.	150.	GAL.	2.	5060.	5060.	10.	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0
STOCK TRAILER	4.	16.	FEET	2.	5000.	5000.	5.	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0
TACK	5.	1.	DOL.	2.	1000.	1000.	10.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.		2.	10500.	9500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
COW RAISED	51.	1.	HEAD	1.	800.	800.	8.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COW PURCH DRY PA	53.	1.	HEAD	1.	800.	800.	8.	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEIFER RAISED	55.	1.	HEAD	1.	550.	550.	10.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEIFER RAI DRY P	56.	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.	1000.	1000.	8.	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0

COW-CALF PRODUCTION TEXAS RIO GRANDE REGION
1983 PROJECTED COSTS AND RETURNS PER COW
IMPROVED IRRIGATED PASTURE

INVESTMENT REQUIREMENTS				PROJECTED		YOUR
	NUMBER	UNIT	SIZE	\$/UNIT	VALUE	ESTIMATE
COW PURCHASED	1.00	HEAD	1.00	495.00	495.00	
BULL PURCHASED	0.03	HEAD	1.00	1250.00	41.25	
TOTAL LIVESTOCK INVESTMENT					\$ 536.25	\$
PRODUCTION				PROJECTED		
	NUMBER	WGT. EACH	TOTAL UNITS	\$/UNIT	RETURN	
STEER CALVES	0.40	4.30	1.7 CWT.	67.50	116.10	
HEIFER CALVES	0.40	4.20	1.7 CWT.	60.75	102.06	
TOTAL PROJECTED RETURNS					\$ 218.16	\$
OPERATING INPUTS				PROJECTED		
	INPUT USE	UNIT		\$/UNIT	COST	
NITROGEN	60.00	LB.		0.24	14.40	
IRRIG. WATER	3.00	APPL		6.00	18.00	
CUSTOM BALING	14.50	BALE		0.45	6.52	
IRRIG. LABOR	2.00	HOUR		3.50	7.00	
LIVESTOCK WATER	12.00	EACH		0.15	1.80	
SALT & MIN.	1.00	HEAD		8.50	8.50	
VET MEDICINE	1.00	HEAD		10.00	10.00	
MARKETING	0.80	HEAD		9.50	7.60	
MISC EXPENSE	1.00	HEAD		5.00	5.00	
EQUIPMENT FUEL AND LUBE					24.55	
EQUIPMENT REPAIR					7.06	
TOTAL OPERATING COST					\$ 110.43	\$
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 107.73	\$
CAPITAL INVESTMENT		QUANTITY	UNIT	RATE OF	PROJECTED	
		INVESTED		RETURN	COST	
ANNUAL OPERATING CAPITAL	22.83	DOL.		0.150	3.42	
EQUIPMENT INVESTMENT	231.49	DOL.		0.150	34.72	
LIVESTOCK INVESTMENT	536.25	DOL.		0.150	80.44	
TOTAL CAPITAL COST					\$ 118.58	\$
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ -10.86	\$
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)				PROJECTED		
					COST	
EQUIPMENT					53.43	
LIVESTOCK					41.34	
TOTAL OWNERSHIP COST					\$ 94.77	\$
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT					\$ -105.63	\$
OPERATOR LABOR COSTS		LABOR USE	UNIT	RATE OF	PROJECTED	
				RETURN	COST	
EQUIPMENT	11.69	HOUR		3.35	39.16	
LIVESTOCK	6.00	HOUR		3.35	20.10	
TOTAL LABOR COST					\$ 59.26	\$
RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT					\$ -164.89	\$
LAND COSTS		INPUT USE	UNIT	RATE OF	PROJECTED	
				RETURN	COST	
PASTURE RENT	0.60	ACRE		45.00	27.00	
TOTAL LAND COST					\$ 27.00	\$
RESIDUAL RETURNS TO MANAGEMENT AND PROFIT					\$ -191.89	\$
TOTAL PROJECTED COST OF PRODUCTION					\$ 410.05	\$

60 COW HERD, 80% CALF CROP INCLUDING DEATH LOSS, DEPRECIATION PLUS SALE OF BREEDING LIVESTOCK WILL BUY REPLACEMENTS, REPLACEMENT RATE 12.5%.

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 PRODUCTION TEXAS RIO GRANDE REGION
1983 PROJECTED COSTS AND RETURNS PER COW
IMPROVED IRRIGATED PASTURE**

	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)
AVER. ANNUAL CAPITAL	1.66	3.13	4.24	5.30	6.59	6.14	1.25	2.49	2.90	-6.73	0.60	1.25	TOTAL 22.83
													(HOURS)
LABOR REQUIREMENTS													TOTAL 0.0
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	
EQUIPMENT LABOR	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	11.69
LIVESTOCK LABOR	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	6.00
TOTAL LABOR	1.47	1.47	1.47	1.47	1.47	1.47	1.47	1.47	1.47	1.47	1.47	1.47	17.69

EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR

EQUIPMENT	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL OWN.	TOTAL OPER.	HOURS LABOR	ALLOC (%)
STOCK TRAILER	1	620.00	279.00	18.60	9.30	62.00	0.0	0.0	926.90	62.00	0.0	0.017
TACK	2	80.00	66.00	4.40	2.20	1.80	0.0	0.0	152.60	1.60	0.0	0.017
STOCK TRAILER	4	1000.00	450.00	30.00	15.00	100.00	0.0	0.0	1495.00	100.00	0.0	0.017
BARN	5	200.00	315.00	21.00	10.50	4.00	0.0	0.0	546.50	4.00	0.0	0.017
PICKUP TRUCK	10	1057.14	949.28	63.28	31.64	252.00	1400.00	70.00	2101.35	1722.00	700.00	0.017
COW PURCHASED	52	30.00	74.25	4.95	2.47	0.0	0.0	0.0	111.67	0.0	0.0	1.000
BULL PURCHASED	54	100.00	187.60	12.50	6.25	0.0	0.0	0.0	306.25	0.0	0.0	0.033

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.
STOCK TRAILER	1.	16.	FEET	2.	3100.	3100.	5.	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0
TACK	2.	1.	DOL.	2.	800.	800.	10.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
STOCK TRAILER	4.	16.	FEET	2.	5000.	5000.	5.	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0
BARN	5.	10.	FEET	2.	4000.	4000.	20.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.		2.	10500.	9500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
COW PURCHASED	52.	1.	HEAD	1.	800.	800.	8.	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BULL PURCHASED	54.	1.	HEAD	1.	1500.	1500.	6.	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0

STOCKER CALF PRODUCTION TEXAS RIO GRANDE REGION
1983 PROJECTED COSTS AND RETURNS PER STOCKER
IMPROVED IRRIGATED PASTURE

PRODUCTION	NUMBER	WGT. EACH	TOTAL UNITS	UNIT	PROJECTED		YOUR
					\$/UNIT	RETURN	ESTIMATE
SLAUGHTER HEIFER	1.00	6.50	6.5	CWT.	60.50	393.25	
TOTAL PROJECTED RETURNS						\$ 393.25	\$
OPERATING INPUTS					PROJECTED		
		INPUT USE	UNIT		\$/UNIT	COST	
HEIFER CALVES		4.00	CWT.		60.75	243.00	
NITROGEN		8.00	LB.		0.24	1.92	
IRRIG. WATER		1.32	APPL		6.00	7.92	
IRRIG. LABOR		0.68	HR		3.50	2.38	
CUSTOM BALING		3.00	BALE		0.45	1.35	
LIVESTOCK WATER		8.00	EACH		0.15	1.20	
SALT & MIN.		1.00	HEAD		8.50	8.50	
VET MEDICINE		1.00	HEAD		10.00	10.00	
MARKETING		1.00	HEAD		9.50	9.50	
MISC EXPENSE		1.00	HEAD		5.00	5.00	
EQUIPMENT FUEL AND LUBE						1.52	
EQUIPMENT REPAIR						0.93	
TOTAL OPERATING COST						\$ 293.22	\$
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT						\$ 100.03	\$
CAPITAL INVESTMENT					QUANTITY INVESTED	UNIT	RATE OF RETURN
							PROJECTED COST
ANNUAL OPERATING CAPITAL					154.47	DOL.	0.150
EQUIPMENT INVESTMENT					41.28	DOL.	0.150
TOTAL CAPITAL COST							\$ 29.36
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT						\$ 70.66	\$
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)						PROJECTED COST	
EQUIPMENT						9.34	
TOTAL OWNERSHIP COST						\$ 9.34	\$
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT						\$ 61.33	\$
OPERATOR LABOR COSTS					LABOR USE	UNIT	RATE OF RETURN
							PROJECTED COST
EQUIPMENT					0.72	HR	3.35
LIVESTOCK					1.20	HR	3.35
TOTAL LABOR COST							\$ 6.45
RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT						\$ 54.88	\$
LAND COSTS					INPUT USE	UNIT	RATE OF RETURN
							PROJECTED COST
PASTURE RENT					0.17	ACRE	7.50
TOTAL LAND COST							\$ 1.25
RESIDUAL RETURNS TO MANAGEMENT AND PROFIT						\$ 53.63	\$
TOTAL PROJECTED COST OF PRODUCTION						\$ 339.62	\$

240 UNIT STOCKER HEIFERS, STOCKING RATE 6 HEAD/ACRE.
225 DAY GRAZING PERIOD.

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.

**STOCKER CALF PRODUCTION TEXAS RIO GRANDE REGION
1983 PROJECTED COSTS AND RETURNS PER STOCKER
IMPROVED IRRIGATED PASTURE**

	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	0.54	1.25	1.52	21.79	22.07	22.20	22.47	23.32	23.38	23.72	-8.23	0.43	154.47
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	0.03	0.03	0.03	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.10	0.03	0.72
LIVESTOCK LABOR	0.05	0.05	0.05	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.05	1.20
TOTAL LABOR	0.08	0.08	0.08	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.22	0.08	1.92

EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR

EQUIPMENT	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL OWN.	TOTAL OPER.	HOURS LABOR	ALLOE [. %]
STOCK TRAILER	1	520.00	279.00	18.60	9.30	62.00	0.0	0.0	826.90	82.00	0.0	0.004
TACK	2	80.00	86.00	4.40	2.20	1.60	0.0	0.0	152.60	1.60	0.0	0.004
STOCK SPRAYER	3	508.00	417.45	27.83	13.91	50.60	0.0	0.0	965.19	50.60	0.0	0.004
STOCK TRAILER	4	1000.00	450.00	30.00	15.00	100.00	0.0	0.0	1495.00	100.00	0.0	0.002
BARN	5	200.00	315.00	21.00	10.50	4.00	0.0	0.0	546.50	4.00	0.0	0.004
PICKUP TRUCK	10	1057.14	949.28	63.29	31.84	252.00	1400.00	70.00	2101.35	1722.00	700.00	0.001

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.
STOCK TRAILER	1.	15.	FEET	2.	3100.	3100.	5.	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0
TACK	2.	1.	DOL.	2.	800.	800.	10.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
STOCK SPRAYER	3.	150.	GAL.	2.	5080.	5080.	10.	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0
STOCK TRAILER	4.	15.	FEET	2.	5000.	5000.	5.	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0
BARN	5.	10.	FEET	2.	4000.	4000.	20.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.		2.	10500.	9500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0

LISTING OF ECONOMIC AND ENGINEERING DATA FOR EQUIPMENT IN REGION 19

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.
STOCK TRAILER	1.	16.	19.	2.	3100.	3100.	5.	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0
TACK	2.	1.	15.	2.	800.	800.	10.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
STOCK SPRAYER	3.	150.	5.	2.	5060.	5060.	10.	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0
STOCK TRAILER	4.	16.	19.	2.	5000.	5000.	5.	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0
BARN	5.	10.	19.	2.	4000.	4000.	20.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
TACK	6.	1.	15.	2.	1000.	1000.	10.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.	0.	2.	10500.	9500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
COW RAISED	51.	1.	1.	1.	600.	600.	8.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COW PURCHASED	52.	1.	1.	1.	600.	600.	8.	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COW PURCH DRY PA	53.	1.	1.	1.	600.	600.	8.	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BULL PURCHASED	54.	1.	1.	1.	1500.	1500.	8.	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEIFER RAISED	55.	1.	1.	1.	550.	550.	10.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEIFER RAI DRY P	56.	1.	1.	1.	400.	400.	10.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HORSE	95.	1.	1.	1.	1000.	1000.	8.	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0