

CUCUMBERS, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
1984 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
SHREDDER 4R	5,46	SEPT	1.00	0.283	0.214	0.80	1.27	0.0	3.04	5.11
OFFSET DISC	1,38	SEPT	1.00	0.210	0.159	2.12	0.95	0.0	4.66	7.73
FERT.APPL,RNTD	4,59	JAN	1.00	0.203	0.154	0.85	0.91	42.00	2.41	46.18
DITCHER BLADE	5,48	JAN	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
BEDDER 6R	2,35	FEB	1.00	0.151	0.115	1.27	0.68	0.0	2.02	3.97
RLNG CULT 6R	2,34	FEB	1.00	0.194	0.147	1.80	0.88	0.0	2.78	5.45
STANHAY PLANTR	1,58	FEB	1.00	0.310	0.235	3.87	1.40	20.00	5.54	30.80
HERB SPRAYR 6R	2,47	FEB	1.00	0.209	0.159	1.73	0.94	43.66	2.61	48.94
DITCHER BLADE	5,48	FEB	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
RLNG CULT 6R	2,34	MAR	1.00	0.194	0.147	1.80	0.88	0.0	2.78	5.45
DITCHER BLADE	5,48	MAR	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
RLNG CULT 6R	2,34	APR	1.00	0.194	0.147	1.80	0.88	0.0	2.78	5.45
DITCHER BLADE	5,48	APR	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
DITCHER BLADE	5,48	MAY	1.00	0.504	0.382	1.24	2.27	0.0	6.34	9.85
TOTALS				2.475	1.875	17.32	11.14	105.66	35.21	169.33

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	6.75	15.00	0.0	21.75
WATER APPLICATION	FEB	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	MAR	12.00	3.000	0.0	0.0	13.50	30.00	0.0	43.50
WATER APPLICATION	APR	12.00	3.000	0.0	0.0	13.50	30.00	0.0	43.50
WATER APPLICATION	MAY	12.00	3.000	0.0	0.0	13.50	30.00	0.0	43.50
TOTALS		48.00	12.000	0.0	0.0	54.00	120.00	0.0	174.00

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 CUCUMBERS
(DOLLARS)

		6.66	7.50	8.33	9.16	10.00
QUANTITY OF CUCUMBERS	CRTN					
	240.00	269.26	469.18	669.10	869.02	1068.94
	270.00	359.68	584.59	809.50	1034.41	1259.32
	300.00	450.10	700.00	949.90	1199.80	1449.70
	330.00	540.52	815.41	1090.30	1365.19	1640.08
	360.00	630.95	930.82	1230.70	1530.58	1830.46

HONEYDEWS, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
HONEYDEWS	750.00	CRTN	4.36	3270.00	
TOTAL PROJECTED RETURNS				\$ 3270.00	\$
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*HONEYDEW SEED	3.00	LB.	6.75	20.25	
*NITROGEN (DRY)	100.00	LB.	0.27	27.00	
*PHOSPHATE	80.00	LB.	0.25	20.00	
FOLFEED	1.00	ACRE	4.38	4.38	
*INSECTICIDE	5.00	APPL	4.00	20.00	
*FUNGICIDE	10.00	APPL	4.70	47.00	
*HERBICIDE	2.00	ACRE	43.66	87.32	
PESTICIDE APPL.	10.00	APPL	4.50	45.00	
*IRRIG. WATER	5.00	APPL	15.00	75.00	
BEE RENT	0.50	ACRE	18.00	9.00	
IRRIGATION WATER	30.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		17.41	
EQUIPMENT		ACRE		2.26	
REPAIRS-----TRACTOR		ACRE		5.36	
EQUIPMENT		ACRE		4.34	
LABOR-----MACHINERY	3.10	HOUR	4.50	13.93	
IRRIGATION	7.50	HOUR	4.50	33.75	
EQUIPMENT	0.98	HOUR	4.50	4.41	
OTHER	10.00	HOUR	4.50	45.00	
OPERATING CAPITAL	152.77	DOL.	0.130	19.86	
SUBTOTAL, PREHARVEST		ACRE		\$ 501.28	\$
HARVEST COSTS					
HARVEST	750.00	CRTN	1.30	975.00	
PACK & CONT	750.00	CRTN	2.75	2062.50	
MKT-VEGETABLES	750.00	CRTN	0.40	300.00	
SUBTOTAL, HARVEST		ACRE		\$ 3337.50	\$
TOTAL VARIABLE COSTS		ACRE		\$ 3838.77	\$
BREAK-EVEN PRICE, VARIABLE COSTS	\$ 5.12/CRTN HONEYDEWS				
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -568.78	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		36.05	
EQUIPMENT		ACRE		14.21	
LAND-CASH RENT	1.00	ACRE	90.00	90.00	
TOTAL FIXED COSTS		ACRE		\$ 140.25	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 3979.03	\$
BREAK-EVEN PRICE, TOTAL COSTS	\$ 5.31/CRTN HONEYDEWS				
6. NET PROJECTED RETURNS		ACRE		\$ -709.03	\$

HONEYDEWS SOLD IN 30 POUND CARTONS.

HONEYDEWS, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
1984 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
SHREDDER 4R	5,46	SEPT	1.00	0.283	0.214	0.80	1.27	0.0	3.04	5.11
OFFSET DISC	1,38	SEPT	1.00	0.210	0.159	2.12	0.95	0.0	4.66	7.73
MOLDBOARD PLOW	1,31	OCT	0.50	0.226	0.171	2.48	1.02	0.0	4.68	8.17
CHISEL PLOW	1,33	OCT	0.50	0.084	0.064	0.85	0.38	0.0	1.63	2.86
FLOAT PLANE	1,45	NOV	1.00	0.216	0.164	2.03	0.97	0.0	4.18	7.18
RLNG CULT 6R	2,34	NOV	1.00	0.194	0.147	1.80	0.88	0.0	2.78	5.45
RLNG CULT 6R	2,34	DEC	1.00	0.194	0.147	1.80	0.88	0.0	2.78	5.45
RLNG CULT 6R	2,34	JAN	1.00	0.194	0.147	1.80	0.88	0.0	2.78	5.45
FERT.APPL,RNTD	4,59	JAN	1.00	0.203	0.154	0.85	0.91	47.00	2.41	51.18
BEDDER 6R	2,35	JAN	1.00	0.151	0.115	1.27	0.68	0.0	2.02	3.97
HERB SPRAYR 6R	2,47	JAN	1.00	0.209	0.159	1.73	0.94	43.66	2.61	48.94
RLNG CULT 6R	2,34	FEB	1.00	0.194	0.147	1.80	0.88	0.0	2.78	5.45
STANHAY PLANTR	1,58	FEB	1.00	0.310	0.235	3.87	1.40	20.25	5.54	31.05
DITCHER BLADE	5,48	FEB	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
RLNG CULT 6R	2,34	MAR	1.00	0.194	0.147	1.80	0.88	0.0	2.78	5.45
HERB SPRAYR 6R	2,47	MAR	1.00	0.209	0.159	1.73	0.94	43.66	2.61	48.94
DITCHER BLADE	5,48	MAR	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
DITCHER BLADE	5,48	APR	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
DITCHER BLADE	5,48	MAY	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
TOTALS				3.095	2.345	26.76	13.93	154.57	47.53	242.79

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	13.50	30.00	0.0	43.50
WATER APPLICATION	MAR	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	APR	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	MAY	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
TOTALS		30.00	7.500	0.0	0.0	33.75	75.00	0.0	108.75

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)

		3.49	3.92	4.36	4.80	5.23
CRTN						
QUANTITY OF HONEYDEWS	600.00	-1078.47	-816.87	-555.28	-293.68	-32.08
	675.00	-1150.62	-856.33	-562.03	-267.73	26.57
	750.00	-1222.77	-895.78	-568.78	-241.78	85.22
	825.00	-1294.92	-935.23	-575.53	-215.83	143.87
	900.00	-1367.07	-974.68	-582.28	-189.88	202.52

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

GRAIN SORGHUM, DRYLAND, TEXAS RIO GRANDE VALLEY REGION
1984 PROJECTED COSTS AND RETURNS PER ACRE
ESTIMATED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
GRAIN SORGHUM	28.00	CWT.	4.80	134.40	
DEFICIENCY PMT.	28.00	CWT.	0.82	22.96	
TOTAL PROJECTED RETURNS				\$ 157.36	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*GRAIN SORG.SEED	6.00	LB.	0.77	4.62	
*MALATHION	0.20	GAL.	12.40	2.48	
PESTICIDE APPL.	3.00	APPL	4.50	13.50	
*ROUNDUP	0.25	PINT	9.38	2.34	
HERBICIDE APPL.	1.00	ACRE	2.50	2.50	
*MILOGUARD	1.25	LB.	2.95	3.69	
*LORSBAN	1.25	LB.	9.00	11.25	
FUEL & LUBE---TRACTOR		ACRE		4.21	
EQUIPMENT		ACRE		2.75	
REPAIRS-----TRACTOR		ACRE		1.33	
EQUIPMENT		ACRE		1.38	
LABOR-----MACHINERY	0.86	HOUR	4.50	3.85	
EQUIPMENT	1.19	HOUR	4.50	5.35	
OPERATING CAPITAL	13.07	DOL.	0.130	1.70	
SUBTOTAL, PREHARVEST		ACRE		\$ 60.96	\$
HARVEST COSTS					
CUS HARV SORG D	28.00	CWT.	0.35	9.80	
HAUL GRAIN SORG	28.00	CWT.	0.35	9.80	
SUBTOTAL, HARVEST		ACRE		\$ 19.60	\$
TOTAL VARIABLE COSTS		ACRE		\$ 80.56	\$
BREAK-EVEN PRICE, VARIABLE COSTS \$ 2.06/CWT. GRAIN SORGHUM					
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 76.80	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		9.70	
EQUIPMENT		ACRE		7.47	
LAND-CASH RENT	1.00	ACRE	40.00	40.00	
TOTAL FIXED COSTS		ACRE		\$ 57.17	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 137.73	\$
BREAK-EVEN PRICE, TOTAL COSTS \$ 4.10/CWT. GRAIN SORGHUM					
6. NET PROJECTED RETURNS		ACRE		\$ 19.63	\$

PRICE BASED ON LOAN RATE ADJUSTED FOR STORAGE. DEFICIENCY
PAYMENT BASED ON COMPLIANCE WITH GOVT SET ASIDE PROGRAM.

GRAIN SORGHUM, DRYLAND, TEXAS RIO GRANDE VALLEY REGION
 1984 PROJECTED COSTS AND RETURNS PER ACRE
 ESTIMATED 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	3,46	AUG	1.00	0.283	0.214	1.88	1.27	0.0	4.13	7.29
SWEEP MULCHER	1,40	AUG	1.00	0.113	0.086	1.10	0.51	0.0	2.00	3.62
PLANTER 6R	3,36	FEB	1.25	0.252	0.191	2.04	1.13	19.56	4.68	27.41
CULTIVATOR 6R	3,44	MAR	1.00	0.207	0.157	1.47	0.93	0.0	3.05	5.45
TOTALS				0.856	0.648	6.49	3.85	19.56	13.87	43.77

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 GRAIN SORGHUM
 (DOLLARS)

		3.84	4.32	4.80	5.28	5.76
CWT.						
QUANTITY OF GRAIN SORGHUM	22.40	27.75	38.50	49.25	60.00	70.75
	25.20	38.83	50.93	63.03	75.12	87.22
	28.00	49.92	63.36	76.80	90.24	103.68
	30.80	61.01	75.79	90.58	105.36	120.15
	33.60	72.10	88.23	104.35	120.48	136.61

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
12	SLAUGHTER HEIFER	_____	CWT.	61.25	332	HERBICIDES	_____	ACRE	2.50
13	STEER CALVES	_____	CWT.	75.75	335	DEFOLIANT APPLI.	_____	ACRE	4.50
14	HEIFER CALVES	_____	CWT.	61.25	337	CUSTOM SPRIGGING	_____	ACRE	75.00
17	CULL COWS	_____	CWT.	36.50	339	MOW,RAKE,BALE	_____	BALE	0.45
28	DEER LEASE	_____	ACRE	5.00	340	CUSTOM BALING	_____	BALE	0.45
71	DEFICIENCY PMT.	SORG	CWT.	0.82	341	CUSTOM BALE HAUL	_____	BALE	0.25
72	CORN	_____	BU.	3.00	359	IRRIG. LABOR	_____	hour	4.50
73	GRAIN SORGHUM	_____	CWT.	4.80	370	TREE WRAP	_____	TREE	0.75
90	DEFICIENCY PMT.	COTT	LB.	0.18	372	TREE REPLACEMNT	_____	TREE	5.00
91	DEFICIENCY PMT.	CORN	BU.	0.48	383	MARKETING	_____	HEAD	10.50
93	COTTON LINT	_____	LB.	0.65	392	MARKETING	LIVE	HEAD	9.50
94	COTTONSEED	_____	TON	115.00	393	MISC EXPENSE	LIVE	HEAD	5.00
98	SOYBEANS	_____	BU.	5.00	395	FENCE REPAIR	_____	HEAD	1.50
103	SALT & MIN.	_____	HEAD	8.50	396	WATER FACIL REPR	_____	HEAD	1.00
110	RANGE CUBES	_____	LB.	0.25	400	MISC EXPENSE	_____	HEAD	5.00
154	PASTURE RENT	PAIM	ACRE	4.17	410	VET MEDICINE	_____	HEAD	12.00
155	PASTURE RENT	UNIM	ACRE	3.00	466	LIVESTOCK WATER	_____	EACH	0.15
156	PASTURE RENT	IMPI	ACRE	45.00	468	IRRIG. WATER	_____	APPL	15.00
157	PASTURE RENT	IMPI	ACRE	7.50	497	BRUSH CLEARING	_____	ACRE	100.00
161	CORN SILAGE	_____	TON	20.00	501	BELL PEPPERS	SD	LB.	25.00
163	SORGHUM SILAGE	_____	TON	18.00	502	CABBAGE SEED	_____	LB.	75.00
170	HAY	_____	TON	135.00	503	CANTALOUPE SEED	_____	LB.	4.50
177	RANGE IMPROVEMEN	_____	DOL.	2.50	504	CARROT SEED	_____	LB.	6.50
178	IMPROVED PASTURE	_____	ACRE	4.59	505	CUCUMBER SEED	_____	LB.	8.00
184	SEED CORN/GRAIN	_____	LB.	1.10	506	LETTUCE SEED	_____	LB.	20.00
185	SEED CRN SILAGE	CORN	LB.	1.00	507	HONEYDEW SEED	_____	LB.	6.75
186	GRAIN SORG.SEED	_____	LB.	0.77	508	ONION SEED	_____	LB.	30.00
187	FORAGE SORG. SD	SD	LB.	0.60	509	TOMATO SEED	_____	LB.	28.00
189	SOYBEAN SEED	_____	LB.	0.50	513	BUFFEL GRASS	SD	LB.	3.00
211	NITROGEN (LIQ)	_____	LB.	0.27	516	GRAPEFRUIT TREE	_____	TREE	4.00
212	NITROGEN (DRY)	_____	LB.	0.27	521	SIDE DRESS	BEL	ACRE	75.90
215	PHOSPHATE	_____	LB.	0.25	522	FOLIAR FEED	BEL	ACRE	2.72
219	HERBICIDE	_____	LB.	7.00	523	HERBICIDE	BEL	ACRE	39.40
233	SOIL INSEC.	_____	ACRE	10.44	524	INSECTICIDE	BEL	APPL	5.00
243	MALATHION	_____	GAL.	12.40	525	FUNGICIDE	BEL	APPL	8.48
248	HERB, PREMERGE	_____	APPL	9.00	526	HARVEST	BEL	CRTN	1.05
250	ROUNDUP	_____	PINT	9.38	527	PACK&CONT	BEL	CRTN	2.00
251	MLOGUARD	_____	LB.	2.95	528	HERBICIDE	CABB	ACRE	21.12
256	DEFOLIANT	_____	ACRE	4.60	529	INSECTICIDE	CABB	APPL	6.11
267	CUST HARV & HAUL	SOYB	BU.	0.65	530	FUNGICIDE	CABB	APPL	4.06
270	CUS HARV SORG D	_____	CWT.	0.35	531	HARVEST	CABB	CRTN	1.00
272	CUS. HARV. CORN	_____	ACRE	15.00	532	PACK & CON	_____	CRTN	1.85
274	CUSTOM HAUL	_____	CWT.	0.25	533	INSECTICIDE	CANT	APPL	4.00
282	GIN, BAG, TIES	_____	BALE	48.00	534	HERBICIDE	CANT	ACRE	43.66
283	HAUL GRAIN SORG	_____	CWT.	0.35	535	FUNGICIDE	CANT	APPL	3.50
291	SEED COTTON	UPL	LB.	0.48	536	HARVEST	CANT	CRTN	1.20
299	PEAR BURNING	_____	DOL.	1.00	537	PACK & CONT	CANT	CRTN	2.75
318	CUSTOM PLANT	_____	ACRE	5.00	538	HERBICIDE	CARR	ACRE	21.12
330	FERTILIZER APPL	_____	ACRE	3.00	539	INSECTICIDE	CARR	APPL	3.17
331	PESTICIDE APPL.	_____	APPL	4.50	540	FUNGICIDE	CARR	APPL	4.06

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					

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
541	FUMIGATE	CARR	ACRE	0.15	591	HERBICIDE	COTT	ACRE	21.72
542	HARVEST	CARR	BAGS	1.15	592	INSECTICIDE	GRN	APPL	1.72
543	PACK & CONT	CARR	BAGS	2.40	593	HERBICIDE	GRN	APPL	3.53
544	FOLFEED	HONE	ACRE	4.38	594	INSECTICIDE	SB	APPL	2.50
545	INSECTICIDE	HONE	APPL	4.00	595	INNOC.	SB	APPL	1.10
546	FUNGICIDE	HONE	APPL	4.70	596	FUNGICIDE	SB	APPL	8.90
547	HERBICIDE	HONE	ACRE	43.66	600	BEE RENT		ACRE	18.00
548	HARVEST	HONE	CRTN	1.30					
549	PACK & CONT	HONE	CRTN	2.75					
550	HERBICIDE	LETT	ACRE	16.00					
551	INSECTICIDE	LETT	APPL	6.00					
552	FUNGICIDE	LETT	APPL	4.06					
553	HARVEST	LETT	CRTN	1.00					
554	PACK & CONT	LETT	CRTN	1.35					
555	HERBICIDE	ONIO	ACRE	53.10					
556	INSECTICIDE	ONIO	APPL	4.75					
557	FUNGICIDE	ONIO	APPL	4.11					
558	FOLFEED	ONIO	APPL	5.24					
559	HARVEST	ONIO	BAGS	1.30					
560	PACK&CONT	ONIO	BAGS	1.25					
561	DRYING	ONIO	BAGS	0.25					
562	HERBICIDE	TOMA	ACRE	35.75					
563	INSECTICIDE	TOMA	APPL	5.00					
564	FUNGICIDE	TOMA	APPL	4.06					
565	HARVEST	TOMA	CRTN	1.30					
566	PACK & CONT	TOMA	CRTN	1.50					
567	FOLFEED	TOMA	ACRE	1.10					
568	FOLFEED	CUMC	ACRE	3.50					
569	HERBICIDE	CUMC	ACRE	43.66					
570	INSECTICIDE	CUMC	APPL	4.00					
571	FUNGICIDE	CUMC	APPL	3.50					
572	HARVEST	CUMC	CRTN	1.45					
573	PACK & CONT	CUMC	CRTN	1.80					
574	HERBICIDE	CITY	ACRE	28.89					
575	HERBICIDE	CITR	APPL	56.71					
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	4.83					
581	CABBAGE		CRTN	2.17					
582	CANTALOUPE		CRTN	7.58					
583	CARROTS		BAGS	5.75					
584	HONEYDEWS		CRTN	4.36					
585	LETTUCE		CRTN	3.71					
586	ONIONS		BAGS	4.86					
587	TOMATOES		CRTN	6.50					
588	CUCUMBERS		CRTN	8.33					
589	MKT-VEGETABLES		CRTN	0.40					
590	INSECTICIDE	COTT	APPL	4.50					

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: 012384

ROW	PARAMETER DEFINITION	DEFAULT VALUE
1.	PRICE PER GALLON OF GASOLINE	1.1000
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	0.1300
7.	MACHINERY INSUR. RATE (AVERAGE INVESTMENT)	0.0100
8.	MACHINERY TAX RATE (PURCHASE VALUE)	0.0
9.	IRRIGATION SYSTEM NUMBER	1.
10.	HOURLY MACHINERY WAGE RATE	4.50
11.	HOURLY OTHER LABOR WAGE RATE	4.50
12.	HOURLY IRRIG./LIVESTOCK WAGE RATE	4.50
13.	DEATH LOSS (PERCENT OF TOTAL RECEIPTS)	0.0
14.	LIVESTOCK INSUR. RATE (AVERAGE INVESTMENT)	0.0100
15.	EQUIPMENT INSUR. RATE (AVERAGE INVESTMENT)	0.0100
16.	LIVESTOCK TAX RATE (AVERAGE VALUE)	0.0050
17.	EQUIPMENT TAX RATE (AVERAGE VALUE)	0.0
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: 012484

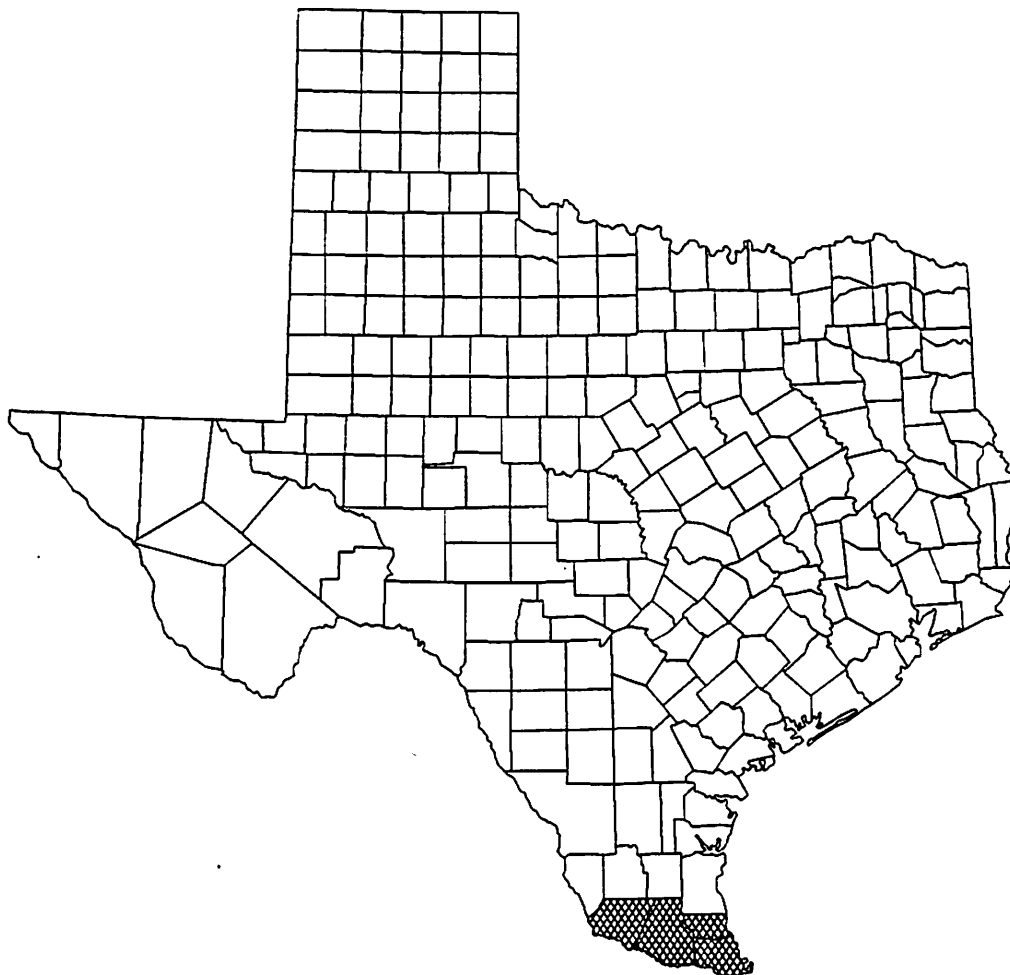
OUT4

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	50250.	4.5	0.88	1.20	0.	1.80	500.	7.	0.88	0.92	45225.	3.	12000.	150.
TRACTOR	2.	125.0	43775.	4.5	0.88	1.20	0.	1.80	500.	7.	0.88	0.92	39400.	3.	12000.	125.
TRACTOR	3.	100.0	37400.	4.5	0.88	1.20	0.	1.80	500.	7.	0.88	0.92	33680.	3.	12000.	100.
TRACTOR	4.	75.0	24500.	4.5	0.88	1.20	0.	1.80	300.	7.	0.88	0.92	22050.	3.	12000.	75.
TRACTOR	5.	40.0	14425.	4.5	0.88	1.20	0.	1.80	300.	7.	0.88	0.92	12880.	3.	12000.	40.
TRACTOR 4 WH DR	6.	225.0	79875.	4.5	0.88	1.20	0.	1.80	500.	7.	0.88	0.92	71890.	3.	12000.	225.
PICKUP TRUCK	10.	0.5	10500.	30.0	0.88	0.80	0.	1.80	700.	3.	0.80	0.88	9500.	1.	2500.	30.
COMBINE	13.	14.0	48645.	3.0	0.70	1.20	0.	1.80	200.	8.	0.88	0.92	41360.	1.	1500.	120.
COMBINE	14.	20.0	87100.	3.0	0.70	1.20	0.	1.80	300.	8.	0.88	0.92	59400.	1.	2500.	150.
CTTN PICKR 2R	17.	5.0	80375.	2.3	0.70	0.75	0.	1.80	300.	8.	0.84	0.88	58782.	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.	8.7	8554.	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 6R	35.	20.0	2877.	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	0.85	0.	1.80	150.	7.	0.80	0.88	4950.	0.	1200.	0.
OFFSET DISC	38.	13.0	8042.	4.8	0.83	0.85	0.	1.80	150.	7.	0.80	0.88	7281.	0.	2000.	0.
TANDEM DISC	39.	14.0	3860.	4.5	0.83	0.85	0.	1.80	150.	7.	0.80	0.88	3500.	0.	2000.	0.
SWEEP MULCHER	40.	24.0	3500.	5.0	0.80	1.00	0.	1.80	150.	7.	0.80	0.88	3000.	0.	2000.	0.
ROTOVATOR 4R	42.	13.0	8710.	4.5	0.80	1.00	0.	1.30	150.	7.	0.80	0.88	5838.	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	5060.	8.0	0.80	0.80	0.	1.80	150.	7.	0.80	0.88	4820.	0.	2500.	0.
SHREDDER 4R	48.	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.	8.0	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	3818.	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.	5.0	953.	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.
BROADCAST 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	860.	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	81.	18.0	1850.	10.0	0.82	1.00	0.	1.80	240.	20.	0.80	0.88	1980.	0.	2000.	0.
	83.	5.3	1840.	4.5	0.80	1.00	0.	1.30	100.	8.	0.80	0.88	1350.	0.	2000.	0.
	84.	13.0	1800.	4.5	0.80	1.00	0.	1.80	200.	10.	0.80	0.88	1650.	0.	2000.	0.
	85.	12.0	850.	4.5	0.80	0.85	0.	1.80	150.	10.	0.80	0.88	725.	0.	2000.	0.
	86.	13.0	3900.	3.5	0.75	1.00	0.	1.80	100.	12.	0.80	0.88	3400.	0.	2000.	0.
	87.	5.0	1700.	3.7	0.80	0.80	0.	1.80	100.	10.	0.80	0.88	1500.	0.	2000.	0.
	88.	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	835.	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.	6.3	3795.	3.0	0.87	0.60	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	8882.	3.5	0.75	0.80	0.	1.80	200.	10.	0.80	0.88	7851.	0.	2500.	0.

TEXAS LIVESTOCK ENTERPRISE BUDGETS

TEXAS RIO GRANDE VALLEY REGION

Projected for 1984



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COW-CALF PRODUCTION TEXAS RIO GRANDE REGION
1984 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	400.00	16.00	
HEIFER RAI DRY P	0.07	HEAD	1.00	400.00	26.80	
HORSE	0.02	HEAD	1.00	537.50	10.75	
TOTAL LIVESTOCK INVESTMENT					\$ 618.90	\$

PRODUCTION				PROJECTED		
	NUMBER	WGT. EACH	TOTAL UNITS	\$/UNIT	RETURN	
STEER CALVES	0.40	4.60	1.8 CWT.	75.75	139.38	
HEIFER CALVES	0.30	4.40	1.3 CWT.	61.25	80.85	
CULL COWS	0.07	8.50	0.6 CWT.	36.50	21.72	
TOTAL PROJECTED RETURNS					\$ 241.95	\$

OPERATING INPUTS				PROJECTED		
	INPUT	USE	UNIT	\$/UNIT	COST	
VET MEDICINE		1.00	HEAD	12.00	12.00	
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 (LIQ)		1.00	LB.	0.27	0.27	
FENCE REPAIR		1.00	HEAD	1.50	1.50	
WATER FACIL REPR		1.00	HEAD	1.00	1.00	
MARKETING		0.77	HEAD	10.50	8.08	
MISC EXPENSE		1.00	HEAD	5.00	5.00	
RANGE CUBES		20.00	LB.	0.25	5.00	
EQUIPMENT FUEL AND LUBE					8.08	
EQUIPMENT REPAIR					2.02	
TOTAL OPERATING COST					\$ 87.82	\$

RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT	\$ 154.12	\$
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CAPITAL INVESTMENT				PROJECTED		
	QUANTITY INVESTED	UNIT	RATE OF RETURN		COST	
ANNUAL OPERATING CAPITAL	4.65	DOL.	0.130		0.60	
EQUIPMENT INVESTMENT	63.31	DOL.	0.130		8.23	
LIVESTOCK INVESTMENT	618.90	DOL.	0.130		80.46	
TOTAL CAPITAL COST					\$ 89.29	\$

RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT	\$ 64.83	\$
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OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)				PROJECTED		
					COST	
EQUIPMENT					13.95	
LIVESTOCK					20.68	
TOTAL OWNERSHIP COST					\$ 34.63	\$

RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT	\$ 30.20	\$
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OPERATOR LABOR COSTS				PROJECTED		
	LABOR USE	UNIT	RATE OF RETURN		COST	
EQUIPMENT	3.50	HOUR	4.50		15.75	
LIVESTOCK	6.00	HOUR	4.50		27.00	
TOTAL LABOR COST					\$ 42.75	\$

RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT	\$ -12.55	\$
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LAND COSTS				PROJECTED		
	INPUT	USE	UNIT	RATE OF RETURN	COST	
PASTURE RENT	6.50	ACRE	10.00		65.00	
TOTAL LAND COST					\$ 65.00	\$

RESIDUAL RETURNS TO MANAGEMENT AND PROFIT	\$ -77.55	\$
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TOTAL PROJECTED COST OF PRODUCTION	\$ 319.50	\$
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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
1984 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	1.85	2.34	3.10	-1.81	-0.80	-0.18	0.50	1.53	2.17	2.82	-7.43	0.84	4.85
	(HOURS)												TOTAL
LABOR REQUIREMENTS	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
MACHINERY 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
EQUIPMENT 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
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 SPRAYER	3	508.00	381.78	27.83	0.0	50.80	0.0	0.0	885.82	50.80	0.0	0.005
STOCK TRAILER	4	1000.00	380.00	30.00	0.0	100.00	0.0	0.0	1420.00	100.00	0.0	0.005
TACK	6	100.00	71.50	5.50	0.0	2.00	0.0	0.0	177.00	2.00	0.0	0.005
PICKUP TRUCK	10	1057.14	822.71	63.29	0.0	252.00	1540.00	77.00	1943.14	1889.00	700.00	0.005
COW RAISED	51	0.0	75.00	5.00	3.00	0.0	0.0	0.0	87.00	0.0	0.0	0.570
COW PURCH DRY PA	53	30.00	64.35	4.95	2.47	0.0	0.0	0.0	101.77	0.0	0.0	0.330
HEIFER RAISED	55	0.0	52.00	4.00	2.00	0.0	0.0	0.0	58.00	0.0	0.0	0.040
HEIFER RAI DRY P	56	0.0	52.00	4.00	2.00	0.0	0.0	0.0	58.00	0.0	0.0	0.087
HORSE	95	75.00	69.87	5.38	2.89	0.0	0.0	0.0	152.94	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.	5080.	5080.	10.	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0
STOCK TRAILER	4.	18.	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.	8500.	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.	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEIFER RAISED	55.	1.	HEAD	1.	400.	400.	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.	800.	800.	8.	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0

COW-CALF PRODUCTION TEXAS RIO GRANDE REGION
1984 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	400.00	16.00	
HEIFER RAI DRY P	0.07	HEAD	1.00	400.00	26.80	
HORSE	0.02	HEAD	1.00	537.50	10.75	
TOTAL LIVESTOCK INVESTMENT					\$ 618.90	\$

PRODUCTION				PROJECTED		
	NUMBER	WGT. EACH	TOTAL UNITS	\$/UNIT	RETURN	
STEER CALVES	0.38	4.40	1.7 CWT.	75.75	126.65	
HEIFER CALVES	0.28	4.20	1.2 CWT.	61.25	72.03	
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					\$ 281.62	\$

OPERATING INPUTS				PROJECTED		
	INPUT	USE	UNIT	\$/UNIT	COST	
RANGE CUBES	20.00	LB.		0.25	5.00	
SALT & MIN.	1.00	HEAD		8.50	8.50	
VET MEDICINE	1.00	HEAD		12.00	12.00	
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					8.08	
EQUIPMENT REPAIR					1.77	
TOTAL OPERATING COST					\$ 55.66	\$

RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 225.96	\$
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CAPITAL INVESTMENT		QUANTITY	UNIT	RATE OF	PROJECTED	
		INVESTED		RETURN	COST	
ANNUAL OPERATING CAPITAL	-46.66	DOL.		0.130	-6.07	
EQUIPMENT INVESTMENT	49.39	DOL.		0.130	6.42	
LIVESTOCK INVESTMENT	618.90	DOL.		0.130	80.46	
TOTAL CAPITAL COST					\$ 80.81	\$

RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 145.15	\$
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OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)				PROJECTED		
					COST	
EQUIPMENT					11.28	
LIVESTOCK					20.68	
TOTAL OWNERSHIP COST					\$ 31.96	\$

RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT					\$ 113.18	\$
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OPERATOR LABOR COSTS		LABOR USE	UNIT	RATE OF	PROJECTED	
				RETURN	COST	
EQUIPMENT	3.50	HOUR		4.50	15.75	
LIVESTOCK	7.50	HOUR		4.50	33.75	
TOTAL LABOR COST					\$ 49.50	\$

RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT					\$ 63.68	\$
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LAND COSTS		INPUT USE	UNIT	RATE OF	PROJECTED	
				RETURN	COST	
PASTURE RENT	15.00	ACRE		4.17	62.55	
TOTAL LAND COST					\$ 62.55	\$

RESIDUAL RETURNS TO MANAGEMENT AND PROFIT					\$ 1.13	\$
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TOTAL PROJECTED COST OF PRODUCTION					\$ 280.49	\$
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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
1984 PROJECTED COSTS AND RETURNS PER COW
PARTIALLY IMPROVED PASTURE**

	1	2	3	4	5	6	7	8	9	10	11	12	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
	(DOLLARS)												TOTAL
AVER. ANNUAL CAPITAL	2.10	2.49	3.17	-0.95	-8.55	-7.94	-7.15	-6.52	-5.89	-4.80	-13.82	1.01	-48.68
	(HOURS)												TOTAL
LABOR REQUIREMENTS													
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	ALLOC (%)	
STOCK TRAILER	4	1000.00	390.00	30.00	0.0	100.00	0.0	0.0	1420.00	100.00	0.0	0.005	
TACK	8	100.00	71.50	5.50	0.0	2.00	0.0	0.0	177.00	2.00	0.0	0.005	
PICKUP TRUCK	10	1057.14	822.71	83.29	0.0	252.00	1540.00	77.00	1843.14	1888.00	700.00	0.005	
COW RAISED	51	0.0	78.00	8.00	3.00	0.0	0.0	0.0	87.00	0.0	0.0	0.070	
COW PURCH DRY PA	53	30.00	64.35	4.95	2.47	0.0	0.0	0.0	101.77	0.0	0.0	0.330	
HEIFER RAISED	55	0.0	52.00	4.00	2.00	0.0	0.0	0.0	58.00	0.0	0.0	0.040	
HEIFER RAI DRY P	56	0.0	52.00	4.00	2.00	0.0	0.0	0.0	58.00	0.0	0.0	0.067	
HORSE	95	75.00	69.87	5.38	2.89	0.0	0.0	0.0	152.94	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.	15.	FEE	2.	5000.	5000.	5.	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0
TACK	8.	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.	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEIFER RAISED	55.	1.	HEAD	1.	400.	400.	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.	800.	800.	8.	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0

COW-CALF PRODUCTION TEXAS RIO GRANDE REGION
1984 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	400.00	20.00	
HEIFER RAI DRY P	0.07	HEAD	1.00	400.00	26.80	
HORSE	0.02	HEAD	1.00	537.50	10.75	
TOTAL LIVESTOCK INVESTMENT					\$ 622.90	\$

PRODUCTION				PROJECTED		
	NUMBER	WGT. EACH	TOTAL UNITS	\$/UNIT	RETURN	
STEER CALVES	0.35	4.30	1.5 CWT.	75.75	114.00	
HEIFER CALVES	0.25	4.10	1.0 CWT.	61.25	62.78	
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					\$ 322.22	\$

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	12.00	12.00	
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					8.08	
EQUIPMENT REPAIR					2.02	
TOTAL OPERATING COST					\$ 50.97	\$

RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT	\$ 271.25	\$
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CAPITAL INVESTMENT		QUANTITY	UNIT	RATE OF	PROJECTED	
		INVESTED		RETURN	COST	
ANNUAL OPERATING CAPITAL		-41.03	DOL.	0.130	-5.33	
EQUIPMENT INVESTMENT		63.31	DOL.	0.130	8.23	
LIVESTOCK INVESTMENT		622.90	DOL.	0.130	80.98	
TOTAL CAPITAL COST					\$ 83.87	\$

RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT	\$ 187.38	\$
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OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)		PROJECTED	
		COST	
EQUIPMENT		13.95	
LIVESTOCK		20.74	
TOTAL OWNERSHIP COST		\$ 34.69	\$

RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT	\$ 152.69	\$
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OPERATOR LABOR COSTS		LABOR	USE	UNIT	RATE OF	PROJECTED	
					RETURN	COST	
EQUIPMENT		3.50		HOUR	4.50	15.75	
LIVESTOCK		9.00		HOUR	4.50	40.50	
TOTAL LABOR COST						\$ 56.25	\$

RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT	\$ 96.44	\$
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LAND COSTS		INPUT	USE	UNIT	RATE OF	PROJECTED	
					RETURN	COST	
PASTURE RENT		25.00		ACRE	3.00	75.00	
TOTAL LAND COST						\$ 75.00	\$

RESIDUAL RETURNS TO MANAGEMENT AND PROFIT	\$ 21.44	\$
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TOTAL PROJECTED COST OF PRODUCTION	\$ 300.79	\$
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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.

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
1984 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	2.44	3.23	4.02	-0.33	-8.60	-8.03	-5.42	-4.82	-4.24	-7.92	-16.35	0.99	-41.03
	(HOURS)												TOTAL
LABOR REQUIREMENTS	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
MACHINERY 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
EQUIPMENT 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
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	508.00	361.79	27.83	0.0	50.80	0.0	0.0	895.62	50.80	0.0	0.005
STOCK TRAILER	4	1000.00	390.00	30.00	0.0	100.00	0.0	0.0	1420.00	100.00	0.0	0.005
TACK	6	100.00	71.50	5.50	0.0	2.00	0.0	0.0	177.00	2.00	0.0	0.005
PICKUP TRUCK	10	1057.14	822.71	63.29	0.0	252.00	1540.00	77.00	1943.14	1869.00	700.00	0.005
COW RAISED	51	0.0	75.00	5.00	3.00	0.0	0.0	0.0	87.00	0.0	0.0	0.670
COW PURCH DRY PA	53	30.00	84.35	4.85	2.47	0.0	0.0	0.0	101.77	0.0	0.0	0.330
HEIFER RAISED	55	0.0	52.00	4.00	2.00	0.0	0.0	0.0	58.00	0.0	0.0	0.050
HEIFER RAI DRY P	56	0.0	52.00	4.00	2.00	0.0	0.0	0.0	58.00	0.0	0.0	0.057
HORSE	95	75.00	89.87	5.38	2.89	0.0	0.0	0.0	152.94	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.	5080.	5080.	10.	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0
STOCK TRAILER	4	18.	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.	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEIFER RAISED	55	1.	HEAD	1.	400.	400.	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.	800.	800.	8.	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0

COW-CALF PRODUCTION TEXAS RIO GRANDE REGION
1984 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		WGT.	TOTAL	PROJECTED		
	NUMBER	EACH	UNITS	\$/UNIT	RETURN	
STEER CALVES	0.40	4.30	1.7 CWT.	75.75	130.29	
HEIFER CALVES	0.40	4.20	1.7 CWT.	61.25	102.90	
TOTAL PROJECTED RETURNS					\$ 233.19	\$
OPERATING INPUTS				PROJECTED		
		INPUT USE	UNIT	\$/UNIT	COST	
NITROGEN (LIQ)		60.00	LB.	0.27	16.20	
IRRIG. WATER		3.00	APPL	15.00	45.00	
CUSTOM BALING		14.50	BALE	0.45	6.52	
IRRIG. LABOR		2.00	HOUR	4.50	9.00	
LIVESTOCK WATER		12.00	EACH	0.15	1.80	
SALT & MIN.		1.00	HEAD	8.50	8.50	
VET MEDICINE		1.00	HEAD	12.00	12.00	
MARKETING		0.80	HEAD	9.50	7.60	
MISC EXPENSE		1.00	HEAD	5.00	5.00	
EQUIPMENT FUEL AND LUBE					27.00	
EQUIPMENT REPAIR					7.06	
TOTAL OPERATING COST					\$ 145.69	\$
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 87.50	\$
CAPITAL INVESTMENT		QUANTITY	UNIT	RATE OF	PROJECTED	
		INVESTED		RETURN	COST	
ANNUAL OPERATING CAPITAL		37.52	DOL.	0.130	4.88	
EQUIPMENT INVESTMENT		231.49	DOL.	0.130	30.09	
LIVESTOCK INVESTMENT		536.25	DOL.	0.130	69.71	
TOTAL CAPITAL COST					\$ 104.68	\$
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ -17.18	\$
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)					PROJECTED	
					COST	
EQUIPMENT					52.27	
LIVESTOCK					41.34	
TOTAL OWNERSHIP COST					\$ 93.61	\$
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT					\$ -110.79	\$
OPERATOR LABOR COSTS		LABOR USE	UNIT	RATE OF	PROJECTED	
				RETURN	COST	
EQUIPMENT		11.69	HOUR	4.50	52.60	
LIVESTOCK		6.00	HOUR	4.50	27.00	
TOTAL LABOR COST					\$ 79.60	\$
RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT					\$ -190.40	\$
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					\$ -217.40	\$
TOTAL PROJECTED COST OF PRODUCTION					\$ 450.59	\$

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

COW-CALF PRODUCTION TEXAS RIO GRANDE REGION
1984 PROJECTED COSTS AND RETURNS PER COW
IMPROVED IRRIGATED PASTURE

	1	2	3	4	5	6	7	8	9	10	11	12	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
AVER. ANNUAL CAPITAL	1.72	3.37	5.30	8.45	8.56	1.59	3.53	4.88	5.29	-5.04	0.81	1.28	TOTAL 37.82
LABOR REQUIREMENTS													TOTAL
MACHINERY LABOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EQUIPMENT LABOR	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	11.89
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	17.89

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	820.00	241.80	18.80	0.0	82.00	0.0	0.0	880.40	82.00	0.0	0.017
TACK	2	80.00	57.20	4.40	0.0	1.80	0.0	0.0	141.80	1.80	0.0	0.017
STOCK TRAILER	4	1000.00	380.00	30.00	0.0	100.00	0.0	0.0	1420.00	100.00	0.0	0.017
BARN	5	200.00	273.00	21.00	0.0	4.00	0.0	0.0	484.00	4.00	0.0	0.017
PICKUP TRUCK	10	1057.14	822.71	63.28	0.0	252.00	1540.00	77.00	1843.14	1869.00	700.00	0.017
COW PURCHASED	52	30.00	84.35	4.95	2.47	0.0	0.0	0.0	101.77	0.0	0.0	1.000
BULL PURCHASED	54	100.00	182.50	12.50	8.25	0.0	0.0	0.0	281.25	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.	18.	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.	18.	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.	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BULL PURCHASED	54.	1.	HEAD	1.	1500.	1500.	8.	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0

STOCKER CALF PRODUCTION TEXAS RIO GRANDE REGION
1984 PROJECTED COSTS AND RETURNS PER STOCKER
IMPROVED IRRIGATED PASTURE

PRODUCTION	NUMBER	WGT. EACH	TOTAL UNITS	UNIT	PROJECTED		YOUR ESTIMATE
					\$/UNIT	RETURN	
SLAUGHTER HEIFER	1.00	6.50	6.5	CWT.	61.25	398.12	
TOTAL PROJECTED RETURNS						\$ 398.12	\$
OPERATING INPUTS					PROJECTED		
		INPUT	USE	UNIT	\$/UNIT	COST	
HEIFER CALVES		4.00		CWT.	61.25	245.00	
NITROGEN (LIQ)		8.00		LB.	0.27	2.16	
IRRIG. WATER		1.32		APPL	15.00	19.80	
IRRIG. LABOR		0.68		HOUR	4.50	3.06	
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	12.00	12.00	
MARKETING		1.00		HEAD	9.50	9.50	
MISC EXPENSE		1.00		HEAD	5.00	5.00	
EQUIPMENT FUEL AND LUBE						1.67	
EQUIPMENT REPAIR						0.93	
TOTAL OPERATING COST						\$ 310.18	\$
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT						\$ 87.95	\$
CAPITAL INVESTMENT					QUANTITY INVESTED	UNIT RATE OF RETURN	PROJECTED COST
ANNUAL OPERATING CAPITAL					162.27	DOL.	0.130 21.09
EQUIPMENT INVESTMENT					41.28	DOL.	0.130 5.37
TOTAL CAPITAL COST							\$ 26.46 \$
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT						\$ 61.49	\$
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)						PROJECTED COST	
EQUIPMENT						9.13	
TOTAL OWNERSHIP COST						\$ 9.13	\$
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT						\$ 52.36	\$
OPERATOR LABOR COSTS					LABOR USE	UNIT RATE OF RETURN	PROJECTED COST
EQUIPMENT					0.72	HOUR	4.50 3.26
LIVESTOCK					1.20	HOUR	4.50 5.40
TOTAL LABOR COST						\$ 8.66	\$
RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT						\$ 43.70	\$
LAND COSTS					INPUT USE	UNIT RATE OF RETURN	PROJECTED COST
PASTURE RENT					0.17	ACRE	7.50 1.25
TOTAL LAND COST						\$ 1.25	\$
RESIDUAL RETURNS TO MANAGEMENT AND PROFIT						\$ 42.44	\$
TOTAL PROJECTED COST OF PRODUCTION						\$ 355.68	\$

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
1984 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	TOTAL
AVER. ANNUAL CAPITAL	0.54	1.26	1.78	22.23	22.77	22.90	23.45	24.47	24.53	25.13	-7.22	0.43	182.27
LABOR REQUIREMENTS													
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	ALLOC [.]
STOCK TRAILER	1	820.00	241.80	18.80	0.0	82.00	0.0	0.0	880.40	82.00	0.0	0.004
TACK	2	80.00	57.20	4.40	0.0	1.80	0.0	0.0	141.60	1.80	0.0	0.004
STOCK SPRAYER	3	508.00	381.78	27.83	0.0	50.80	0.0	0.0	895.62	50.80	0.0	0.004
STOCK TRAILER	4	1000.00	380.00	30.00	0.0	100.00	0.0	0.0	1420.00	100.00	0.0	0.002
BARN	5	200.00	273.00	21.00	0.0	4.00	0.0	0.0	494.00	4.00	0.0	0.004
PICKUP TRUCK	10	1057.14	822.71	83.29	0.0	252.00	1540.00	77.00	1943.14	1869.00	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.	18.	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.	18.	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:121983

LUT4

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
EQUIPMENT NAME	CODE	SIZE	UNIT	TYPE	LIST PRICE	PURCH. PRICE	LIFE (YRS)	SALV. (%LP)	REPAIR (%LP)	FUEL USE	ANNUAL LABOR	ANNUAL USE	XXXXXX	XXXXXX	EFF.
STOCK TRAILER	1.	18.	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.	5080.	5080.	10.	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0
STOCK TRAILER	4.	18.	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
COTTON TRAILER	50.	3.	8.	2.	2548.	2548.	7.	0.20	0.01	0.0	3.0	0.0	0.0	0.0	0.0
COW RAISED	51.	1.	1.	1.	800.	800.	8.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COW PURCHASED	52.	1.	1.	1.	800.	800.	8.	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COW PURCH DRY PA	53.	1.	1.	1.	800.	800.	8.	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BULL PURCHASED	54.	1.	1.	1.	1500.	1500.	5.	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEIFER RAISED	55.	1.	1.	1.	400.	400.	10.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEIFER RAI DRY P	55.	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.	800.	800.	8.	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0