

936 CARROTS, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
 1985 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	7.71	1.98	0.0	7.12	16.82
SHREDDER 4R	1,46	JULY	1.00	0.283	0.214	3.34	1.27	0.0	3.37	7.98
MOLDBOARD PLOW	1,31	JULY	0.50	0.226	0.171	2.94	1.02	0.0	2.74	6.70
CHISEL PLOW	5,33	JULY	0.50	0.084	0.064	0.36	0.38	0.0	0.52	1.26
OFFSET DISC	1,38	JULY	2.00	0.421	0.319	5.23	1.89	0.0	5.43	12.55
OFFSET DISC	1,38	AUG	2.00	0.421	0.319	5.23	1.89	0.0	5.43	12.55
FLOAT PLANE	1,45	AUG	1.00	0.216	0.164	2.41	0.97	0.0	2.52	5.90
BEDDER 6R	2,35	AUG	1.00	0.151	0.115	1.61	0.68	0.0	1.27	3.56
FERT.APPL.RNTD	4,59	AUG	1.00	0.203	0.154	0.93	0.91	40.00	1.45	43.30
HERB SPRAYR 6R	4,47	SEPT	1.00	0.0	0.159	0.22	0.0	23.23	0.24	23.69
STANHAY PLANTR	2,58	SEPT	1.00	0.310	0.235	5.26	1.40	13.00	3.05	22.71
DITCHER BLADE	5,48	SEPT	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
HERB SPRAYR 6R	4,47	OCT	1.00	0.0	0.159	0.22	0.0	23.23	0.24	23.69
CULTIVATOR 6R	4,44	OCT	1.00	0.207	0.157	1.28	0.93	0.0	1.80	4.01
DITCHER BLADE	5,48	OCT	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
DITCHER BLADE	5,48	NOV	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
DITCHER BLADE	5,48	DEC	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
CULTIVATOR 6R	4,44	JAN	1.00	0.207	0.157	1.28	0.93	0.0	1.80	4.01
DITCHER BLADE	5,48	JAN	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
TOTALS				3.195	2.737	38.11	14.38	99.46	37.21	189.15

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	SEPT	6.00	1.500	0.0	0.0	6.75	8.00	0.0	14.75
WATER APPLICATION	OCT	6.00	1.500	0.0	0.0	6.75	8.00	0.0	14.75
WATER APPLICATION	NOV	6.00	1.500	0.0	0.0	6.75	8.00	0.0	14.75
WATER APPLICATION	DEC	6.00	1.500	0.0	0.0	6.75	8.00	0.0	14.75
WATER APPLICATION	JAN	6.00	1.500	0.0	0.0	6.75	8.00	0.0	14.75
TOTALS		30.00	7.500	0.0	0.0	33.75	40.00	0.0	73.75

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

QUANTITY OF CARROTS	PRICE OF CARROTS (DOLLARS)				
	3.22	3.63	4.03	4.43	4.84
320.00	-981.68	-852.72	-723.76	-594.80	-465.84
360.00	-1064.72	-919.64	-774.56	-629.48	-484.40
400.00	-1147.76	-986.56	-825.36	-664.16	-502.96
440.00	-1230.80	-1053.48	-876.16	-698.84	-521.52
480.00	-1313.84	-1120.40	-926.96	-733.52	-540.08

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

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CUCUMBERS, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
CUCUMBERS	300.00	CRTN	7.00	2100.00	_____
TOTAL PROJECTED RETURNS				\$ 2100.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*CUCUMBER SEED	2.50	LB.	8.00	20.00	_____
*NITROGEN (DRY)	100.00	LB.	0.25	25.00	_____
*PHOSPHATE	60.00	LB.	0.25	15.00	_____
*HERBICIDE	1.00	ACRE	48.03	48.03	_____
*INSECTICIDE	5.00	APPL	4.08	20.40	_____
*FUNGICIDE	6.00	APPL	3.99	23.94	_____
PESTICIDE APPL.	7.00	APPL	3.50	24.50	_____
*IRRIG. WATER	8.00	APPL	8.00	64.00	_____
BEE RENT	1.00	ACRE	20.00	20.00	_____
IRRIGATION WATER	48.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		11.25	_____
EQUIPMENT		ACRE		2.26	_____
REPAIRS-----TRACTOR		ACRE		5.46	_____
EQUIPMENT		ACRE		5.76	_____
LABOR-----MACHINERY	2.48	HOOR	4.50	11.14	_____
IRRIGATION	12.00	HOOR	4.50	54.00	_____
EQUIPMENT	0.98	HOOR	4.50	4.41	_____
OTHER	10.00	HOOR	4.50	45.00	_____
OPERATING CAPITAL	28.84	DOL.	0.150	4.33	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 404.47	\$ _____
HARVEST COSTS					
HARVEST	300.00	CRTN	1.45	435.00	_____
PACK & CONT	300.00	CRTN	2.25	675.00	_____
MKT-VEGETABLES	300.00	CRTN	0.40	120.00	_____
SUBTOTAL, HARVEST		ACRE		\$ 1230.00	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 1634.47	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 5.45/CRTN		
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 465.53	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		14.79	_____
EQUIPMENT		ACRE		10.28	_____
LAND-CASH RENT	1.00	ACRE	90.00	90.00	_____
TOTAL FIXED COSTS		ACRE		\$ 115.07	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 1749.54	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 5.83/CRTN		
6. NET PROJECTED RETURNS		ACRE		\$ 350.46	\$ _____

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.

937 CUCUMBERS, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
 1985 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	1.18	1.27	0.0	2.11	4.56
OFFSET DISC	1,38	SEPT	1.00	0.210	0.159	2.62	0.95	0.0	2.72	6.28
FERT.APPL,RNTD	4,59	JAN	1.00	0.203	0.154	0.93	0.91	40.00	1.45	43.30
DITCHER BLADE	5,48	JAN	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
BEDDER 6R	2,35	FEB	1.00	0.151	0.115	1.61	0.68	0.0	1.27	3.56
RLNG CULT 6R	2,34	FEB	1.00	0.194	0.147	2.16	0.88	0.0	1.53	4.57
STANHAY PLANTR	1,58	FEB	1.00	0.310	0.235	5.62	1.40	20.00	3.71	30.73
HERB SPRAYR 6R	2,47	FEB	1.00	0.209	0.159	2.10	0.94	48.03	1.55	52.62
DITCHER BLADE	5,48	FEB	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
RLNG CULT 6R	2,34	MAR	1.00	0.194	0.147	2.16	0.88	0.0	1.53	4.57
DITCHER BLADE	5,48	MAR	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
RLNG CULT 6R	2,34	APR	1.00	0.194	0.147	2.16	0.88	0.0	1.53	4.57
DITCHER BLADE	5,48	APR	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
DITCHER BLADE	5,48	MAY	1.00	0.504	0.382	1.51	2.27	0.0	4.27	8.05
TOTALS				2.475	1.875	22.11	11.14	108.03	21.84	163.12

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	8.00	0.0	14.75
WATER APPLICATION	FEB	6.00	1.500	0.0	0.0	6.75	8.00	0.0	14.75
WATER APPLICATION	MAR	12.00	3.000	0.0	0.0	13.50	16.00	0.0	29.50
WATER APPLICATION	APR	12.00	3.000	0.0	0.0	13.50	16.00	0.0	29.50
WATER APPLICATION	MAY	12.00	3.000	0.0	0.0	13.50	16.00	0.0	29.50
TOTALS		48.00	12.000	0.0	0.0	54.00	64.00	0.0	118.00

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

QUANTITY OF CUCUMBERS	PRICE OF CUCUMBERS (DOLLARS)				
	5.60	6.30	7.00	7.70	8.40
240.00	-44.47	123.53	291.53	459.53	627.53
270.00	0.53	189.53	378.53	567.53	756.53
300.00	45.53	255.53	465.53	675.53	885.53
330.00	90.53	321.53	552.53	783.53	1014.53
360.00	135.53	387.53	639.53	891.53	1143.53

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

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HONEYDEWS, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
HONEYDEWS	750.00	CRTN	6.12	4590.00	_____
TOTAL PROJECTED RETURNS				\$ 4590.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*HONEYDEW SEED	3.00	LB.	6.75	20.25	_____
*NITROGEN (DRY)	100.00	LB.	0.25	25.00	_____
*PHOSPHATE	80.00	LB.	0.25	20.00	_____
FOLFEED	1.00	ACRE	4.38	4.38	_____
*INSECTICIDE	5.00	APPL	4.08	20.40	_____
*FUNGICIDE	10.00	APPL	5.36	53.60	_____
*HERBICIDE	2.00	ACRE	48.03	96.06	_____
PESTICIDE APPL.	10.00	APPL	3.50	35.00	_____
*IRRIG. WATER	5.00	APPL	8.00	40.00	_____
BEE RENT	0.50	ACRE	20.00	10.00	_____
IRRIGATION WATER	30.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		17.41	_____
EQUIPMENT		ACRE		2.26	_____
REPAIRS-----TRACTOR		ACRE		8.74	_____
EQUIPMENT		ACRE		7.58	_____
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	46.77	DOL.	0.150	7.02	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 464.79	\$ _____
HARVEST COSTS					
HARVEST	750.00	CRTN	1.20	900.00	_____
PACK & CONT	750.00	CRTN	3.00	2250.00	_____
MKT-VEGETABLES	750.00	CRTN	0.40	300.00	_____
SUBTOTAL, HARVEST		ACRE		\$ 3450.00	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 3914.78	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 5.22/CRTN	HONEYDEWS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 675.21	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		20.95	_____
EQUIPMENT		ACRE		10.61	_____
LAND-CASH RENT	1.00	ACRE	90.00	90.00	_____
TOTAL FIXED COSTS		ACRE		\$ 121.57	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 4036.35	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 5.38/CRTN	HONEYDEWS	
6. NET PROJECTED RETURNS		ACRE		\$ 553.64	\$ _____

HONEYDEWS SOLD IN 30 POUND CARTONS.

938 HONEYDEWS, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
 1985 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	1.18	1.27	0.0	2.11	4.56
OFFSET DISC	1,38	SEPT	1.00	0.210	0.159	2.62	0.95	0.0	2.72	6.28
MOLDBOARD PLOW	1,31	OCT	0.50	0.226	0.171	2.94	1.02	0.0	2.74	6.70
CHISEL PLOW	1,33	OCT	0.50	0.084	0.064	1.00	0.38	0.0	0.89	2.27
FLOAT PLANE	1,45	NOV	1.00	0.216	0.164	2.41	0.97	0.0	2.52	5.90
RLNG CULT 6R	2,34	NOV	1.00	0.194	0.147	2.16	0.88	0.0	1.53	4.57
RLNG CULT 6R	2,34	DEC	1.00	0.194	0.147	2.16	0.88	0.0	1.53	4.57
RLNG CULT 6R	2,34	JAN	1.00	0.194	0.147	2.16	0.88	0.0	1.53	4.57
FERT.APPL.RNTD	4,59	JAN	1.00	0.203	0.154	0.93	0.91	45.00	1.45	48.30
BEDDER 6R	2,35	JAN	1.00	0.151	0.115	1.61	0.68	0.0	1.27	3.56
HERB SPRAYR 6R	2,47	JAN	1.00	0.209	0.159	2.10	0.94	48.03	1.55	52.62
RLNG CULT 6R	2,34	FEB	1.00	0.194	0.147	2.16	0.88	0.0	1.53	4.57
STANHAY PLANTR	1,58	FEB	1.00	0.310	0.235	5.62	1.40	20.25	3.71	30.98
DITCHER BLADE	5,48	FEB	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
RLNG CULT 6R	2,34	MAR	1.00	0.194	0.147	2.16	0.88	0.0	1.53	4.57
HERB SPRAYR 6R	2,47	MAR	1.00	0.209	0.159	2.10	0.94	48.03	1.55	52.62
DITCHER BLADE	5,48	MAR	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
DITCHER BLADE	5,48	APR	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
DITCHER BLADE	5,48	MAY	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
TOTALS				3.095	2.345	33.38	13.93	161.31	28.34	236.96

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	16.00	0.0	29.50	
WATER APPLICATION	MAR	6.00	1.500	0.0	0.0	6.75	8.00	0.0	14.75	
WATER APPLICATION	APR	6.00	1.500	0.0	0.0	6.75	8.00	0.0	14.75	
WATER APPLICATION	MAY	6.00	1.500	0.0	0.0	6.75	8.00	0.0	14.75	
TOTALS			30.00	7.500	0.0	0.0	33.75	40.00	0.0	73.75

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

QUANTITY OF HONEYDEWS	PRICE OF HONEYDEWS (DOLLARS)				
	4.90	5.51	6.12	6.73	7.34
CRTN					
600.00	-287.19	80.01	447.21	814.41	1181.61
675.00	-264.99	148.11	561.21	974.31	1387.41
750.00	-242.79	216.21	675.21	1134.21	1593.21
825.00	-220.59	284.31	789.21	1294.11	1799.01
900.00	-198.39	352.41	903.21	1454.01	2004.81

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

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GRAIN SORGHUM, DRYLAND, TEXAS RIO GRANDE VALLEY REGION
CONSERVATION TILLAGE
1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
GRAIN SORGHUM	28.00	CWT.	4.58	128.24	_____
DEFICIENCY PMT.	28.00	CWT.	0.82	22.96	_____
TOTAL PROJECTED RETURNS				\$ 151.20	\$ _____
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*GRAIN SORG. SEED	6.00	LB.	0.70	4.20	_____
*MALATHION	0.20	GAL.	12.40	2.48	_____
PESTICIDE APPL.	3.00	APPL	3.50	10.50	_____
*ROUNDUP	0.25	PINT	9.38	2.34	_____
HERBICIDE APPL.	1.00	ACRE	3.50	3.50	_____
*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		2.11	_____
EQUIPMENT		ACRE		2.40	_____
LABOR-----MACHINERY	0.86	HOUR	4.50	3.85	_____
EQUIPMENT	1.19	HOUR	4.50	5.35	_____
OPERATING CAPITAL	14.59	DOL.	0.150	2.19	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 60.83	\$ _____
HARVEST COSTS					
CUS HARV SORG D	28.00	CWT.	0.40	11.20	_____
HAUL GRAIN SORG	28.00	CWT.	0.20	5.60	_____
SUBTOTAL, HARVEST		ACRE		\$ 16.80	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 77.63	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 1.95/CWT.		GRAIN SORGHUM
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 73.57	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		5.51	_____
EQUIPMENT		ACRE		6.92	_____
LAND-CASH RENT	1.00	ACRE	40.00	40.00	_____
TOTAL FIXED COSTS		ACRE		\$ 52.44	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 130.07	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 3.83/CWT.		GRAIN SORGHUM
6. NET PROJECTED RETURNS		ACRE		\$ 21.13	\$ _____

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

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GRAIN SORGHUM, DRYLAND, TEXAS RIO GRANDE VALLEY REGION
 CONSERVATION TILLAGE
 1985 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	3,46	AUG	1.00	0.283	0.214	2.44	1.27	0.0	2.74	6.45
SWEEP MULCHER	1,40	AUG	1.00	0.113	0.086	1.35	0.51	0.0	1.21	3.07
PLANTER 6R	3,36	FEB	1.25	0.252	0.191	2.73	1.13	19.14	2.88	25.89
CULTIVATOR 6R	3,44	MAR	1.00	0.207	0.157	1.77	0.93	0.0	1.69	4.40
TOTALS				0.856	0.648	8.30	3.85	19.14	8.52	39.81

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

QUANTITY OF GRAIN SORGHUM	CWT.	PRICE OF GRAIN SORGHUM (DOLLARS)				
		3.66	4.12	4.58	5.04	5.50
22.40		26.17	36.43	46.69	56.94	67.20
25.20		37.04	48.58	60.13	71.67	83.21
28.00		47.92	60.74	73.57	86.39	99.21
30.80		58.79	72.90	87.01	101.11	115.22
33.60		69.67	85.06	100.45	115.83	131.22

LISTING OF THE NAME SET AND PRICE VECTOR REGION NUMBER: 19 DATE: 111284

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
12	SLAUGHTER HEIFER		CWT.	65.00	330	FERTILIZER APPL		ACRE	3.00
13	STEER CALVES		CWT.	76.00	331	PESTICIDE APPL.		APPL	3.50
14	HEIFER CALVES		CWT.	67.00	332	HERBICIDES		ACRE	2.50
17	CULL COWS		CWT.	38.75	333	HERBICIDE APPL.		ACRE	3.50
28	DEER LEASE		ACRE	5.00	335	DEFOLIANT APPL.		ACRE	125.00
71	DEFICIENCY PMT.	SORG	CWT.	0.82	337	CUSTOM SPRIGGING		ACRE	0.65
72	CORN		BU.	5.50	339	MOW,RAKE,BALE		BALE	0.65
73	GRAIN SORGHUM		CWT.	4.58	341	CUSTOM BALE HAUL		BALE	0.40
90	DEFICIENCY PMT.	COTT	LB.	0.19	359	IRRIG. LABOR		HR	4.50
91	DEFICIENCY PMT.	CORN	BU.	0.47	370	TREE WRAP		TREE	3.00
93	COTTON LINT		LB.	0.63	372	TREE REPLACEMENT		TREE	5.00
94	COTTONSEED		TON	100.00	383	MARKETING		HEAD	10.50
98	SOYBEANS		BU.	5.00	392	MARKETING	LIVE	HEAD	10.50
103	SALT & MIN.		HEAD	8.50	393	MISC EXPENSE	LIVE	HEAD	5.00
110	RANGE CUBES		LB.	0.25	395	MISC EXPENSE		HEAD	1.50
154	PASTURE RENT	PATM	ACRE	4.17	396	FENCE REPAIR		HEAD	1.00
155	PASTURE RENT	UNIM	ACRE	3.00	400	WATER FACIL REPR		HEAD	5.00
156	PASTURE RENT	IMPI	ACRE	45.00	410	MISC EXPENSE		HEAD	12.00
157	PASTURE RENT	IMPI	ACRE	7.50	466	VET MEDICINE		HEAD	0.15
161	CORN SILAGE		TON	20.00	468	LIVESTOCK WATER		EACH	8.00
163	SORGHUM SILAGE		TON	18.00	497	IRRIG. WATER		APPL	130.00
170	HAY		TON	150.00	501	BRUSH CLEARING	SD	ACRE	25.00
177	RANGE IMPROVEMEN		DOL.	2.50	502	BELL PEPPERS		LB.	75.00
178	IMPROVED PASTURE		ACRE	4.00	503	CABBAGE SEED		LB.	97.00
184	SEED CORN/GRAIN		LB.	1.30	504	CANTALOUPE SEED		LB.	6.50
185	SEED CRN SILAGE	CORN	LB.	1.00	505	CARROT SEED		LB.	8.00
186	GRAIN SORG. SEED		LB.	0.70	506	CUCUMBER SEED		LB.	20.00
187	ORAGE SORG. SD	SD	LB.	0.16	507	LETTUCE SEED		LB.	6.75
189	SOYBEAN SEED		LB.	0.28	508	HONEYDEW SEED		LB.	36.00
211	NITROGEN (LIO)		LB.	0.20	509	ONION SEED		LB.	28.00
212	NITROGEN (DRY)		LB.	0.25	513	TOMATO SEED		LB.	7.00
215	PHOSPHATE		LB.	0.25	516	BUFFEL GRASS	SD	LB.	7.00
219	HERBICIDE		LB.	7.00	523	GRAPEFRUIT TREE		TREE	4.00
233	SOIL INSEC.		ACRE	11.00	524	HERBICIDE	BEL	ACRE	43.34
234	LORSBAN		LB.	9.00	525	INSECTICIDE	BEL	APPL	5.10
243	MALATHION		GAL.	12.40	526	FUNGICIDE	BEL	APPL	9.67
248	HERB. PREMERGE		APPL	9.00	527	HARVEST	BEL	CRTN	1.25
250	ROUNDUP		PINT	9.38	527	PACK&CONT	BEL	CRTN	2.70
251	MILGUAARD		LB.	2.95	528	HERBICIDE	BEL	CRTN	2.70
256	DEFOLIANT		ACRE	5.50	529	INSECTICIDE	CABB	ACRE	23.23
267	CUST HARV & HAUL	SOYB	BU.	0.70	530	FUNGICIDE	CABB	APPL	6.23
270	CUS HARV SORG D		CWT.	0.40	531	HARVEST	CABB	APPL	4.63
272	CUS. HARV. CORN		ACRE	20.00	532	PACK & CON	CABB	CRTN	1.00
274	CUSTOM HAUL		CWT.	0.20	533	INSECTICIDE	CANT	CRTN	2.75
282	GIN, BAG, TIES		BALE	30.00	533	INSECTICIDE	CANT	APPL	4.08
283	HAUL GRAIN SORG		CWT.	0.20	534	HERBICIDE	CANT	ACRE	48.03
291	SEED COTTON	UPL	LB.	0.60	535	FUNGICIDE	CANT	APPL	3.99
299	PEAR BURNING		DOL.	1.50	535	HARVEST	CANT	CRTN	1.20
318	CUSTOM PLANT		ACRE	5.00	537	PACK & CONT	CANT	CRTN	3.00
328	CUS COTTON PICK		LB.	0.12	538	HERBICIDE	CARR	ACRE	23.23
					539	INSECTICIDE	CARR	APPL	3.23

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 =	HR	13 =	PINT	17 =	OZ.	21 =	SOFT	25 =	BAGS	29 =	KWF
4 =	DOZ.	9 =	DAYS	14 =	QT.	18 =	MILE	22 =	LBGN	26 =	TREE	30 =	MCF
5 =	GAL.	10 =	AUM										

LISTING OF THE NAME SET AND PRICE VECTOR REGION NUMBER: 19 DATE: 111284

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
540	FUNGICIDE	CARR	APPL	4.63	595	INNOC.	SB	APPL	1.10
542	HARVEST	CARR	BAGS	1.15	596	FUNGICIDE	SB	APPL	9.80
543	PACK & CONT	CARR	BAGS	3.75	600	BEE RENT		ACRE	20.00
544	FOLFEED	HONE	ACRE	4.38					
545	INSECTICIDE	HONE	APPL	4.08					
546	FUNGICIDE	HONE	APPL	5.36					
547	HERBICIDE	HONE	ACRE	48.03					
548	HARVEST	HONE	CRTN	1.20					
549	PACK & CONT	HONE	CRTN	3.00					
550	HERBICIDE	LETT	ACRE	17.60					
551	INSECTICIDE	LETT	APPL	6.12					
552	FUNGICIDE	LETT	APPL	4.63					
553	HARVEST	LETT	CRTN	1.00					
554	PACK & CONT	LETT	CRTN	1.00					
555	HERBICIDE	ONIO	ACRE	58.41					
556	INSECTICIDE	ONIO	APPL	4.85					
557	FUNGICIDE	ONIO	APPL	5.03					
559	HARVEST	ONIO	BAGS	1.30					
560	PACK&CONT	ONIO	BAGS	2.00					
562	HERBICIDE	TOMA	ACRE	39.33					
563	INSECTICIDE	TOMA	APPL	5.10					
564	FUNGICIDE	TOMA	APPL	5.13					
565	HARVEST	TOMA	CRTN	1.30					
566	PACK & CONT	TOMA	CRTN	2.70					
569	HERBICIDE	CUMC	ACRE	48.03					
570	INSECTICIDE	CUMC	APPL	4.08					
571	FUNGICIDE	CUMC	APPL	3.99					
572	HARVEST	CUMC	CRTN	1.45					
573	PACK & CONT	CUMC	CRTN	2.25					
574	HERBICIDE	CITY	ACRE	46.66					
575	HERBICIDE	CITR	APPL	23.33					
576	INSECTICIDE	CITR	APPL	49.50					
577	INSECT. APPL.	CITR	APPL	26.00					
578	GRAPEFRUIT		TON						
579	ORANGES		TON						
580	BELL PEPPERS		CRTN	6.00					
581	CABBAGE		CRTN	2.75					
582	CANTALoupES		CRTN	7.00					
583	CARROTS		BAGS	4.03					
584	HONEYDEWS		CRTN	6.12					
585	LETTUCE		CRTN	4.64					
586	ONIONS		BAGS	5.60					
587	TOMATOES		CRTN	7.90					
588	CUCUMBERS		CRTN	7.00					
589	MKT-VEGETABLES		CRTN	0.40					
590	INSECTICIDE	COTT	APPL	7.53					
591	HERBICIDE	COTT	ACRE	12.95					
592	INSECTICIDE	GRN	APPL	1.80					
593	HERBICIDE	GRN	APPL	4.00					
594	INSECTICIDE	SB	APPL	2.60					

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					

DEFAULT PARAMETER VALUES AND DEFINITIONS

REGION: 19 DATE: 111284

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	0.1500
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

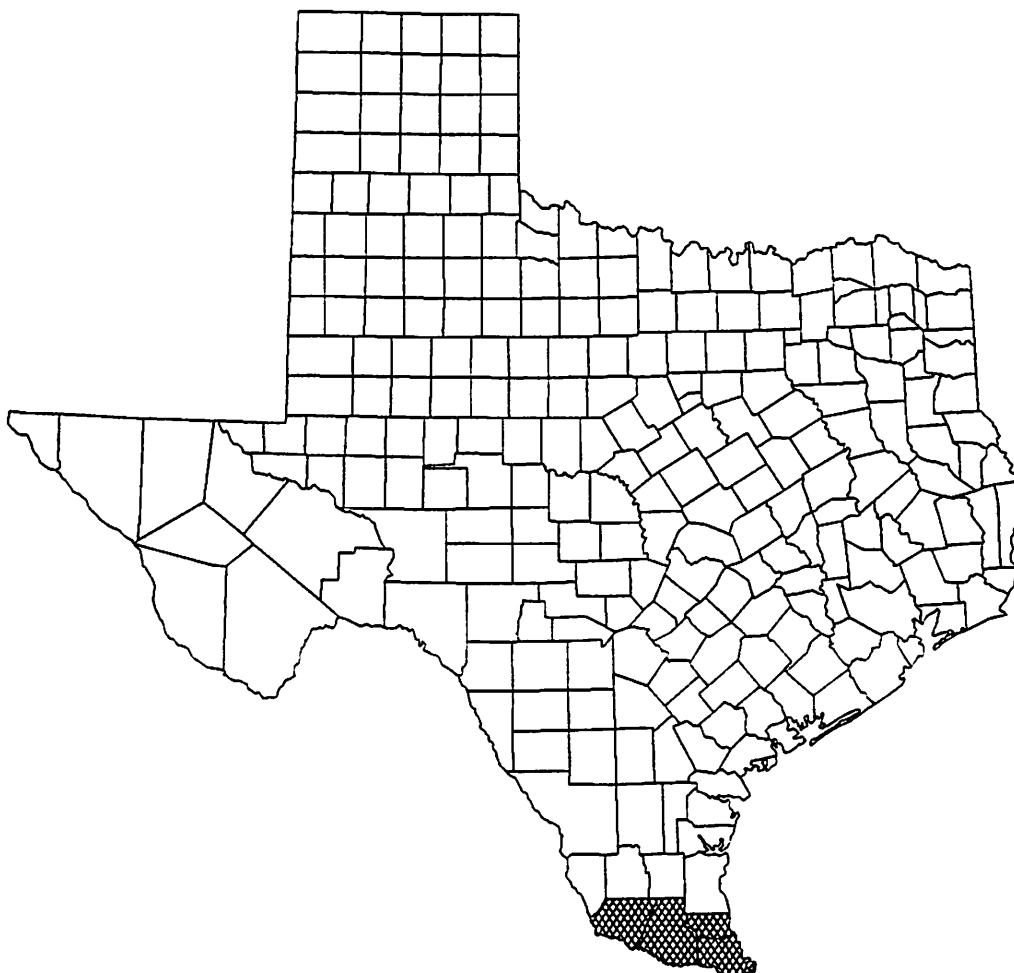
DATE: 110684

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	53250.	4.5	0.88	1.20	0.	1.60	1000.	7.	0.68	0.92	47925.	3.	12000.	150.
TRACTOR	2.	125.0	47650.	4.5	0.88	1.20	0.	1.60	1200.	7.	0.68	0.92	42900.	3.	12000.	125.
TRACTOR	3.	100.0	39050.	4.5	0.88	1.20	0.	1.60	1000.	7.	0.68	0.92	35150.	3.	12000.	100.
TRACTOR	4.	75.0	25450.	4.5	0.88	1.20	0.	1.60	600.	7.	0.68	0.92	22900.	3.	12000.	75.
TRACTOR	5.	40.0	14975.	4.5	0.88	1.20	0.	1.60	600.	7.	0.68	0.92	13475.	3.	12000.	40.
TRACTOR 4 WH DR	6.	225.0	92725.	4.5	0.88	1.20	0.	1.60	1200.	7.	0.68	0.92	83450.	3.	12000.	225.
PICKUP TRUCK	10.	0.5	10500.	30.0	0.88	0.80	0.	1.60	700.	3.	0.60	0.88	10500.	1.	2800.	30.
COMBINE 4400	13.	14.0	60000.	3.0	0.70	1.20	0.	1.60	200.	6.	0.68	0.92	54000.	1.	1500.	120.
COMBINE	14.	20.0	70000.	3.0	0.70	1.20	0.	1.60	600.	6.	0.68	0.92	63000.	1.	2500.	150.
CTTN PICKER 9920	17.	6.0	92000.	2.3	0.70	0.75	0.	1.80	300.	6.	0.64	0.88	82800.	3.	2000.	105.
MOLDBOARD PLOW	30.	5.3	5000.	4.5	0.80	1.00	0.	1.30	100.	7.	0.60	0.88	4500.	0.	2000.	0.
MOLDBOARD PLOW	31.	6.7	7500.	4.5	0.80	1.00	0.	1.30	300.	7.	0.60	0.88	6750.	0.	2000.	0.
CHISEL PLOW	32.	15.0	4000.	4.5	0.80	1.00	0.	1.80	300.	7.	0.60	0.88	3600.	0.	2000.	0.
CHISEL PLOW	33.	18.0	4500.	4.5	0.80	1.00	0.	1.80	300.	7.	0.60	0.88	4050.	0.	2000.	0.
RLNG CULT 6R	34.	20.0	4300.	3.5	0.80	1.00	0.	1.80	400.	7.	0.60	0.88	3870.	0.	2000.	0.
BEDDER 6R	35.	20.0	4200.	4.5	0.80	1.00	0.	1.80	300.	7.	0.60	0.88	3880.	0.	2000.	0.
PLANTER 6R	36.	20.0	7000.	4.5	0.60	0.80	0.	1.60	200.	7.	0.60	0.88	6300.	0.	1200.	0.
OFFSET DISC	38.	13.0	9000.	4.8	0.83	0.65	0.	1.80	300.	7.	0.60	0.88	8100.	0.	2000.	0.
SHEEP MULCHER	40.	24.0	4500.	5.0	0.80	1.00	0.	1.80	300.	7.	0.60	0.88	4050.	0.	2000.	0.
ROTOVATOR 4R	42.	13.0	7500.	4.5	0.80	1.00	0.	1.30	300.	7.	0.60	0.88	6750.	0.	2000.	0.
CULTIVATOR 6R	44.	20.0	4000.	3.5	0.75	1.00	0.	1.80	300.	7.	0.60	0.88	3600.	0.	2000.	0.
FLOAT PLANE	45.	14.0	6500.	6.0	0.60	0.60	0.	1.80	300.	7.	0.60	0.88	5850.	0.	2500.	0.
SHREDDER 4R	46.	13.0	7000.	3.7	0.80	0.60	0.	1.80	300.	7.	0.60	0.88	6300.	0.	2000.	0.
HERB SPRAYR 6R	47.	20.0	1500.	4.0	0.65	1.00	0.	1.80	200.	7.	0.60	0.88	1350.	0.	1200.	0.
DITCHER BLADE	48.	6.0	3000.	4.5	0.80	1.00	0.	1.80	100.	7.	0.60	0.88	2700.	0.	2000.	0.
NTR TANK&TRALR	49.	3.0	4000.	10.0	0.82	1.00	0.	1.80	150.	7.	0.60	0.88	3600.	0.	2000.	0.
ORCH SPRAYR	51.	25.0	20000.	4.0	0.65	1.00	0.	1.80	200.	7.	0.60	0.88	18000.	0.	1200.	0.
BORDER DISC	53.	6.0	1600.	4.5	0.83	0.65	0.	1.80	200.	7.	0.60	0.88	1440.	0.	2000.	0.
TREE HOE	54.	5.0	2500.	3.0	0.83	0.65	0.	1.80	400.	7.	0.60	0.88	2250.	0.	2000.	0.
HRB SPR W HDGN	55.	12.0	2500.	4.0	0.67	1.20	0.	1.80	100.	7.	0.60	0.88	2250.	0.	1200.	0.
BROADCST SEEDR	56.	30.0	1500.	4.0	0.67	1.20	0.	1.80	200.	7.	0.60	0.88	1350.	0.	1200.	0.
FLEX HARROW	57.	12.0	900.	4.5	0.80	0.65	0.	1.80	300.	7.	0.60	0.88	810.	0.	2000.	0.
STANHAY PLANTR	58.	13.0	9500.	4.5	0.60	0.80	0.	1.60	400.	7.	0.60	0.88	8550.	0.	1200.	0.
FERT.APPL,RNTD	59.	20.0	1.	4.0	0.67	1.20	0.	1.80	1.	1.	0.60	0.88	1.	0.	1200.	0.
FERT.APPL,RNTD	60.	25.0	1.	4.0	0.67	1.20	0.	1.80	1.	1.	0.60	0.88	1.	0.	1200.	0.
GRAIN CART	61.	16.0	7000.	10.0	0.82	1.00	0.	1.80	480.	20.	0.60	0.88	6300.	0.	2000.	0.
MOLDBOARD PLOW	69.	4.0	3500.	4.1	0.70	0.60	0.	1.30	200.	10.	0.60	0.88	3150.	0.	2500.	0.
SPIKE HARROW	70.	12.0	1000.	4.8	0.70	0.60	0.	1.80	150.	10.	0.60	0.88	900.	0.	1875.	0.
GRAIN DRILL	72.	13.0	5000.	4.0	0.63	0.60	0.	1.80	200.	10.	0.60	0.88	4500.	0.	1250.	0.
PLANTER,PEANUT	73.	13.0	5600.	5.0	0.60	0.60	0.	1.80	200.	10.	0.60	0.88	5040.	0.	2500.	0.
DIGGER,PEANUT	74.	6.3	4000.	3.0	0.67	0.60	0.	1.80	200.	8.	0.60	0.88	3600.	0.	2000.	0.
SWATHER, PTO	76.	12.0	9500.	5.0	0.77	0.60	0.	1.80	200.	10.	0.60	0.88	8550.	0.	2500.	0.
RAKE, SIDE DEL.	77.	13.0	3000.	4.5	0.77	0.60	0.	1.80	150.	8.	0.60	0.88	2700.	0.	1500.	0.
BALER, PTO	78.	12.0	10000.	3.5	0.75	0.60	0.	1.80	200.	10.	0.60	0.88	9000.	0.	2500.	0.

TEXAS LIVESTOCK ENTERPRISE BUDGETS

TEXAS RIO GRANDE VALLEY REGION

Projected for 1985



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COW-CALF PRODUCTION TEXAS RIO GRANDE REGION
 1985 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	550.00	368.50		
COW PURCH DRY PA	0.33	HEAD	1.00	453.75	149.74		
HEIFER RAISED	0.04	HEAD	1.00	540.00	21.60		
HEIFER RAI DRY P	0.07	HEAD	1.00	540.00	36.18		
HORSE	0.02	HEAD	1.00	537.50	10.75		
TOTAL LIVESTOCK INVESTMENT					\$ 586.77	\$	
PRODUCTION				PROJECTED			
	NUMBER	WGT. EACH	TOTAL UNITS	\$/UNIT	RETURN		
STEER CALVES	0.40	4.60	1.8 CWT.	76.00	139.84		
HEIFER CALVES	0.30	4.40	1.3 CWT.	67.00	88.44		
CULL COWS	0.07	8.50	0.6 CWT.	38.75	23.06		
TOTAL PROJECTED RETURNS					\$ 251.34	\$	
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	4.00	26.00			
CUSTOM BALING	14.50	BALE	0.65	9.42			
NITROGEN (LIQ)	1.00	LB.	0.20	0.20			
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					\$ 86.82	\$	
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 164.52	\$	
CAPITAL INVESTMENT				QUANTITY INVESTED	UNIT	RATE OF RETURN	PROJECTED COST
ANNUAL OPERATING CAPITAL	1.51	DOL.	0.150	0.23			
EQUIPMENT INVESTMENT	66.16	DOL.	0.150	9.92			
LIVESTOCK INVESTMENT	586.77	DOL.	0.150	88.01			
TOTAL CAPITAL COST					\$ 98.17	\$	
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 66.35	\$	
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)				PROJECTED COST			
EQUIPMENT				14.69			
LIVESTOCK				19.38			
TOTAL OWNERSHIP COST					\$ 34.07	\$	
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT					\$ 32.28	\$	
OPERATOR LABOR COSTS				LABOR USE	UNIT	RATE OF RETURN	PROJECTED 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					\$ -10.47	\$	
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					\$ -75.47	\$	
TOTAL PROJECTED COST OF PRODUCTION					\$ 326.80	\$	

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.

COM-CALF PRODUCTION TEXAS RIO GRANDE REGION
1985 PROJECTED COSTS AND RETURNS PER COW
IMPROVED DRYLAND 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	1.94	2.54	3.34	-2.31	-1.20	-0.56	0.10	1.13	1.77	2.42	-8.29	0.64	1.51
	(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	0.0	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 SPRAYER	3	506.00	417.45	27.83	0.0	50.60	0.0	0.0	951.28	50.60	0.0	0.005
STOCK TRAILER	4	1000.00	450.00	30.00	0.0	100.00	0.0	0.0	1480.00	100.00	0.0	0.005
TACK	6	100.00	82.50	5.50	0.0	2.00	0.0	0.0	188.00	2.00	0.0	0.005
PICKUP TRUCK	10	1200.00	1035.00	69.00	0.0	252.00	1540.00	77.00	2304.00	1869.00	700.00	0.005
COW RAISED	51	0.0	82.50	5.50	2.75	0.0	0.0	0.0	90.75	0.0	0.0	0.670
COW PURCH DRY PA	53	27.50	68.06	4.54	2.27	0.0	0.0	0.0	102.37	0.0	0.0	0.330
HEIFER RAISED	55	0.0	81.00	5.40	2.70	0.0	0.0	0.0	89.10	0.0	0.0	0.040
HEIFER RAI DRY P	56	0.0	81.00	5.40	2.70	0.0	0.0	0.0	89.10	0.0	0.0	0.067
HORSE	95	75.00	80.62	5.38	2.69	0.0	0.0	0.0	163.69	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	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.	10500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
COW RAISED	51.	1.	HEAD	1.	550.	550.	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.	550.	550.	8.	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEIFER RAISED	55.	1.	HEAD	1.	540.	540.	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.	540.	540.	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

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COW-CALF PRODUCTION TEXAS RIO GRANDE REGION
 1985 PROJECTED COSTS AND RETURNS PER COW
 PARTIALLY IMPROVED PASTURE

INVESTMENT REQUIREMENTS				PROJECTED		YOUR ESTIMATE	
	NUMBER	UNIT	SIZE	\$/UNIT	VALUE		
COW RAISED	0.67	HEAD	1.00	550.00	368.50		
COW PURCH DRY PA	0.33	HEAD	1.00	453.75	149.74		
HEIFER RAISED	0.04	HEAD	1.00	540.00	21.60		
HEIFER RAI DRY P	0.07	HEAD	1.00	540.00	36.18		
HORSE	0.02	HEAD	1.00	537.50	10.75		
TOTAL LIVESTOCK INVESTMENT					\$ 586.77	\$	
PRODUCTION				PROJECTED			
	NUMBER	WGT. EACH	TOTAL UNITS	UNIT	\$/UNIT	RETURN	
STEER CALVES	0.38	4.40	1.7	CWT.	76.00	127.07	
HEIFER CALVES	0.28	4.20	1.2	CWT.	67.00	78.79	
CULL COWS	0.07	8.00	0.6	CWT.	38.75	21.70	
DEER LEASE	12.50	1.00	12.5	ACRE	5.00	62.50	
TOTAL PROJECTED RETURNS					\$	290.06	
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		0.65	4.87		
FENCE REPAIR	1.00	HEAD		1.50	1.50		
WATER FACIL REPR	1.00	HEAD		1.00	1.00		
MARKETING	0.73	HEAD		10.50	7.66		
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					\$	57.89	
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT					\$	232.17	
CAPITAL INVESTMENT				QUANTITY INVESTED	UNIT	RATE OF RETURN	PROJECTED COST
ANNUAL OPERATING CAPITAL				-47.80	DOL.	0.150	-7.17
EQUIPMENT INVESTMENT				52.25	DOL.	0.150	7.84
LIVESTOCK INVESTMENT				586.77	DOL.	0.150	88.01
TOTAL CAPITAL COST							\$ 88.68
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT					\$	143.49	
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)				PROJECTED COST			
EQUIPMENT					12.02		
LIVESTOCK					19.38		
TOTAL OWNERSHIP COST					\$	31.40	
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT					\$	112.09	
OPERATOR LABOR COSTS				LABOR USE	UNIT	RATE OF RETURN	PROJECTED 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					\$	62.59	
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					\$	0.04	
TOTAL PROJECTED COST OF PRODUCTION					\$	290.03	

200 COW UNIT, 8 BULLS, 15% REPLACEMENT - 10% RAISED AND 5% PURCHASED, 76% CALF CROP, 15 ACRES/COW, 3000 ACRE RANCH, 3% DEATH LOSS.

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**COW-CALF PRODUCTION TEXAS RIO GRANDE REGION
1985 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	TOTAL
(DOLLARS)													TOTAL
AVER. ANNUAL CAPITAL	2.15	2.59	3.30	-0.82	-8.73	-8.11	-7.31	-6.69	-6.06	-4.97	-14.13	1.01	-47.80
(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 OMN.	TOTAL OPER.	HOURS LABOR	ALLOC (%)	
STOCK TRAILER	4	1000.00	450.00	30.00	0.0	100.00	0.0	0.0	1480.00	100.00	0.0	0.005	
TACK	6	100.00	82.50	5.50	0.0	2.00	0.0	0.0	188.00	2.00	0.0	0.005	
PICKUP TRUCK	10	1200.00	1035.00	69.00	0.0	252.00	1540.00	77.00	2304.00	1869.00	700.00	0.005	
COW RAISED	51	0.0	82.50	5.50	2.75	0.0	0.0	0.0	90.75	0.0	0.0	0.670	
COW PURCH DRY PA	53	27.50	68.06	4.54	2.27	0.0	0.0	0.0	102.37	0.0	0.0	0.330	
HEIFER RAISED	55	0.0	81.00	5.40	2.70	0.0	0.0	0.0	89.10	0.0	0.0	0.040	
HEIFER RAI DRY P	56	0.0	81.00	5.40	2.70	0.0	0.0	0.0	89.10	0.0	0.0	0.067	
HORSE	95	75.00	80.62	5.38	2.69	0.0	0.0	0.0	163.69	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.	10500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
COW RAISED	51.	1.	HEAD	1.	550.	550.	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.	550.	550.	8.	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEIFER RAISED	55.	1.	HEAD	1.	540.	540.	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.	540.	540.	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

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COW-CALF PRODUCTION TEXAS RIO GRANDE REGION
 1985 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	550.00	368.50		
COW PURCH DRY PA	0.33	HEAD	1.00	453.75	149.74		
HEIFER RAISED	0.05	HEAD	1.00	540.00	27.00		
HEIFER RAI DRY P	0.07	HEAD	1.00	540.00	36.18		
HORSE	0.02	HEAD	1.00	537.50	10.75		
TOTAL LIVESTOCK INVESTMENT					\$ 592.17	\$	
PRODUCTION				PROJECTED			
	NUMBER	WGT. EACH	TOTAL UNITS	\$/UNIT	RETURN		
STEER CALVES	0.35	4.30	1.5 CWT.	76.00	114.38		
HEIFER CALVES	0.25	4.10	1.0 CWT.	67.00	68.67		
CULL COWS	0.07	8.00	0.6 CWT.	38.75	21.70		
DEER LEASE	25.00	1.00	25.0 ACRE	5.00	125.00		
TOTAL PROJECTED RETURNS					\$ 329.75	\$	
OPERATING INPUTS				PROJECTED			
		INPUT USE	UNIT	\$/UNIT	COST		
PEAR BURNING		6.50	DOL.	1.50	9.75		
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	10.50	7.03		
MISC EXPENSE		1.00	HEAD	5.00	5.00		
EQUIPMENT FUEL AND LUBE					8.08		
EQUIPMENT REPAIR					2.02		
TOTAL OPERATING COST					\$ 54.89	\$	
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 274.86	\$	
CAPITAL INVESTMENT				QUANTITY INVESTED	UNIT	RATE OF RETURN	PROJECTED COST
ANNUAL OPERATING CAPITAL		-40.40	DOL.	0.150			-6.06
EQUIPMENT INVESTMENT		66.16	DOL.	0.150			9.92
LIVESTOCK INVESTMENT		592.17	DOL.	0.150			88.82
TOTAL CAPITAL COST							\$ 92.69
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT							\$ 182.17
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)				PROJECTED COST			
EQUIPMENT					14.69		
LIVESTOCK					19.46		
TOTAL OWNERSHIP COST					\$ 34.15	\$	
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT					\$ 148.02	\$	
OPERATOR LABOR COSTS				LABOR USE	UNIT	RATE OF RETURN	PROJECTED 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							\$ 91.77
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							\$ 16.77
TOTAL PROJECTED COST OF PRODUCTION							\$ 312.98

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
1985 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	TOTAL
	(DOLLARS)												
AVER. ANNUAL CAPITAL	2.53	3.40	4.29	-0.06	-6.58	-6.01	-5.40	-4.79	-4.22	-7.90	-16.66	0.99	-40.40
	(HOURS)												
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	0.75	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	0.0	50.60	0.0	0.0	951.28	50.60	0.0	0.005
STOCK TRAILER	4	1000.00	450.00	30.00	0.0	100.00	0.0	0.0	1480.00	100.00	0.0	0.005
TACK	6	100.00	82.50	5.50	0.0	2.00	0.0	0.0	188.00	2.00	0.0	0.005
PICKUP TRUCK	10	1200.00	1035.00	69.00	0.0	252.00	1540.00	77.00	2304.00	1869.00	700.00	0.005
COW RAISED	51	0.0	82.50	5.50	2.75	0.0	0.0	0.0	90.75	0.0	0.0	0.670
COW PURCH DRY PA	53	27.50	68.06	4.54	2.27	0.0	0.0	0.0	102.37	0.0	0.0	0.330
HEIFER RAISED	55	0.0	81.00	5.40	2.70	0.0	0.0	0.0	89.10	0.0	0.0	0.050
HEIFER RAI DRY P	56	0.0	81.00	5.40	2.70	0.0	0.0	0.0	89.10	0.0	0.0	0.067
HORSE	95	75.00	80.62	5.38	2.69	0.0	0.0	0.0	163.69	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	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.	10500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
COW RAISED	51.	1.	HEAD	1.	550.	550.	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.	550.	550.	8.	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEIFER RAISED	55.	1.	HEAD	1.	540.	540.	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.	540.	540.	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

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COW-CALF PRODUCTION TEXAS RIO GRANDE REGION
1985 PROJECTED COSTS AND RETURNS PER COW
IMPROVED IRRIGATED PASTURE

INVESTMENT REQUIREMENTS				PROJECTED		YOUR ESTIMATE
	NUMBER	UNIT	SIZE	\$/UNIT	VALUE	
COW PURCHASED	1.00	HEAD	1.00	453.75	453.75	
BULL PURCHASED	0.03	HEAD	1.00	875.00	28.87	
TOTAL LIVESTOCK INVESTMENT					\$ 482.62	\$
PRODUCTION				PROJECTED		
	NUMBER	WGT. EACH	TOTAL UNITS	UNIT	\$/UNIT	RETURN
STEER CALVES	0.40	4.30	1.7	CWT.	76.00	130.72
HEIFER CALVES	0.40	4.20	1.7	CWT.	67.00	112.56
TOTAL PROJECTED RETURNS					\$	243.28
OPERATING INPUTS				PROJECTED		
	INPUT USE	UNIT		\$/UNIT	COST	
NITROGEN (LIQ)	60.00	LB.		0.20	12.00	
IRRIG. WATER	3.00	APPL		8.00	24.00	
CUSTOM BALING	14.50	BALE		0.65	9.42	
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		10.50	8.40	
MISC EXPENSE	1.00	HEAD		5.00	5.00	
EQUIPMENT FUEL AND LUBE					27.00	
EQUIPMENT REPAIR					7.06	
TOTAL OPERATING COST					\$	124.19
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT					\$	119.09
CAPITAL INVESTMENT		QUANTITY INVESTED	UNIT	RATE OF RETURN	PROJECTED COST	
ANNUAL OPERATING CAPITAL		24.39	DOL.	0.150	3.66	
EQUIPMENT INVESTMENT		241.03	DOL.	0.150	36.15	
LIVESTOCK INVESTMENT		482.62	DOL.	0.150	72.39	
TOTAL CAPITAL COST					\$	112.21
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT					\$	6.89
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)					PROJECTED COST	
EQUIPMENT					54.75	
LIVESTOCK					37.05	
TOTAL OWNERSHIP COST					\$	91.80
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT					\$	-84.91
OPERATOR LABOR COSTS		LABOR USE	UNIT	RATE OF RETURN	PROJECTED 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					\$	-164.52
LAND COSTS		INPUT USE	UNIT	RATE OF RETURN	PROJECTED COST	
PASTURE RENT		0.60	ACRE	45.00	27.00	
TOTAL LAND COST					\$	27.00
RESIDUAL RETURNS TO MANAGEMENT AND PROFIT					\$	-191.52
TOTAL PROJECTED COST OF PRODUCTION					\$	434.80

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

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COW-CALF PRODUCTION TEXAS RIO GRANDE REGION
1985 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	TOTAL
	(DOLLARS)												
AVER. ANNUAL CAPITAL	1.72	3.37	4.72	5.69	7.22	0.16	1.52	2.67	3.11	-7.67	0.61	1.28	24.39
	(HOURS)												
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	0.97	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	0.0	62.00	0.0	0.0	917.60	62.00	0.0	0.017
TACK	2	80.00	66.00	4.40	0.0	1.60	0.0	0.0	150.40	1.60	0.0	0.017
STOCK TRAILER	4	1000.00	450.00	30.00	0.0	100.00	0.0	0.0	1480.00	100.00	0.0	0.017
BARN	5	200.00	315.00	21.00	0.0	4.00	0.0	0.0	536.00	4.00	0.0	0.017
PICKUP TRUCK	10	1200.00	1035.00	69.00	0.0	252.00	1540.00	77.00	2304.00	1869.00	700.00	0.017
COW PURCHASED	52	27.50	68.06	4.54	2.27	0.0	0.0	0.0	102.37	0.0	0.0	1.000
BULL PURCHASED	54	70.00	131.25	8.75	4.37	0.0	0.0	0.0	214.37	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.	10500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
COW PURCHASED	52.	1.	HEAD	1.	550.	550.	8.	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BULL PURCHASED	54.	1.	HEAD	1.	1050.	1050.	6.	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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STOCKER CALF PRODUCTION TEXAS RIO GRANDE REGION
 1985 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.	65.00	422.50		
TOTAL PROJECTED RETURNS						\$ 422.50	\$	
OPERATING INPUTS					PROJECTED			
		INPUT USE		UNIT	\$/UNIT	COST		
HEIFER CALVES		4.00		CWT.	67.00	268.00		
NITROGEN (LIQ)		8.00		LB.	0.20	1.60		
IRRIG. WATER		1.32		APPL	8.00	10.56		
IRRIG. LABOR		0.68		HOUR	4.50	3.06		
CUSTOM BALING		3.00		BALE	0.65	1.95		
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	10.50	10.50		
MISC EXPENSE		1.00		HEAD	5.00	5.00		
EQUIPMENT FUEL AND LUBE						1.67		
EQUIPMENT REPAIR						0.93		
TOTAL OPERATING COST						\$ 324.98	\$	
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT						\$ 97.52	\$	
CAPITAL INVESTMENT					QUANTITY INVESTED	UNIT	RATE OF RETURN	PROJECTED COST
ANNUAL OPERATING CAPITAL		171.25		DOL.	0.150	25.69		
EQUIPMENT INVESTMENT		41.87		DOL.	0.150	6.28		
TOTAL CAPITAL COST						\$ 31.97	\$	
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT						\$ 65.56	\$	
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)						PROJECTED COST		
EQUIPMENT						9.28		
TOTAL OWNERSHIP COST						\$ 9.28	\$	
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT						\$ 56.27	\$	
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						\$ 47.61	\$	
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						\$ 46.36	\$	
TOTAL PROJECTED COST OF PRODUCTION						\$ 376.14	\$	

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

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**STOCKER CALF PRODUCTION TEXAS RIO GRANDE REGION
1985 PROJECTED COSTS AND RETURNS PER STOCKER
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	
	(DOLLARS)												TOTAL
AVER. ANNUAL CAPITAL	0.54	1.26	1.59	23.94	24.28	24.46	24.80	25.82	25.88	26.28	-8.02	0.43	171.25
	(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	0.03	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	620.00	279.00	18.60	0.0	62.00	0.0	0.0	917.60	62.00	0.0	0.004
TACK	2	80.00	66.00	4.40	0.0	1.60	0.0	0.0	150.40	1.60	0.0	0.004
STOCK SPRAYER	3	506.00	417.45	27.83	0.0	50.60	0.0	0.0	951.28	50.60	0.0	0.004
STOCK TRAILER	4	1000.00	450.00	30.00	0.0	100.00	0.0	0.0	1480.00	100.00	0.0	0.002
BARN	5	200.00	315.00	21.00	0.0	4.00	0.0	0.0	536.00	4.00	0.0	0.004
PICKUP TRUCK	10	1200.00	1035.00	69.00	0.0	252.00	1540.00	77.00	2304.00	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.	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 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
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.	10500.	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: 110784

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.	10500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
COTTON TRAILER	50.	3.	6.	2.	3000.	2700.	7.	0.20	0.01	0.0	3.0	0.0	0.0	0.0	0.0
COW RAISED	51.	1.	1.	1.	550.	550.	8.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COW PURCHASED	52.	1.	1.	1.	550.	550.	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.	550.	550.	8.	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BULL PURCHASED	54.	1.	1.	1.	1050.	1050.	6.	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEIFER RAISED	55.	1.	1.	1.	540.	540.	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.	540.	540.	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