

CHILI PEPPERS, IRRIGATED, RIO GRANDE VALLEY
 1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR
			\$/UNIT	VALUE	ESTIMATE
1. GROSS RECEIPTS					
CHILI PEPPERS	140.00	CWT.	28.00	3920.00	
TOTAL PROJECTED RETURNS				\$ 3920.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SD-CHILI PEPPERS	3.00	LB.	25.00	75.00	
*NITROGEN (DRY)	100.00	LB.	0.35	35.00	
*PHOSPHATE	60.00	LB.	0.27	16.20	
*HERBICIDE	2.00	ACRE	35.75	71.50	
*INSECTICIDE	15.00	APPL	5.15	77.25	
PESTICIDE APPL.	15.00	ACRE	3.50	52.50	
*IRRIGATION WATER	10.00	APPL	6.00	60.00	
IRRIGATION WATER	60.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		22.98	
EQUIPMENT		ACRE		1.32	
REPAIRS-----TRACTOR		ACRE		5.55	
EQUIPMENT		ACRE		4.94	
LABOR-----MACHINERY	5.91	HOUR	3.35	19.80	
IRRIGATION	60.00	HOUR	3.35	201.00	
EQUIPMENT	0.63	HOUR	3.35	2.11	
OPERATING CAPITAL	-58.36	DOL.	0.150	-8.75	
SUBTOTAL, PREHARVEST		ACRE		\$ 636.38	\$
HARVEST COSTS					
HARVEST	140.00	CWT.	7.00	980.00	
PACK & COUNT	140.00	CWT.	1.35	189.00	
MARKETING	140.00	CWT.	0.30	42.00	
SUBTOTAL, HARVEST		ACRE		\$ 1211.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 1847.38	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 13.20/CWT.	CHILI PEPPERS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 2072.62	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		57.42	
EQUIPMENT		ACRE		31.57	
LAND-CASH RENT	1.00	ACRE	90.00	90.00	
TOTAL FIXED COSTS		ACRE		\$ 178.99	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 2026.37	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 14.47/CWT.	CHILI PEPPERS	
6. NET PROJECTED RETURNS		ACRE		\$ 1893.63	\$

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.

CHILI PEPPERS, IRRIGATED, RIO GRANDE VALLEY
1983 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
SHREDDER 4R	5,46	DEC	1.00	0.283	0.214	0.78	0.95	0.0	3.01	4.74
MOLDBOARD PLOW	1,31	DEC	1.00	0.451	0.342	4.85	1.51	0.0	9.56	15.92
CHISEL PLOW	4,33	DEC	1.00	0.168	0.127	0.88	0.56	0.0	2.80	4.25
OFFSET DISC	1,38	DEC	1.00	0.210	0.159	2.08	0.70	0.0	4.78	7.56
FLOAT PLANE	4,45	DEC	1.00	0.216	0.164	0.98	0.72	0.0	3.59	5.30
BEDDER 6R	1,35	JAN	2.00	0.302	0.229	2.83	1.01	0.0	5.28	9.13
ROTOVATOR 4R	1,42	JAN	1.00	0.233	0.176	2.51	0.78	0.0	4.83	8.12
HERB SPRAYR 6R	4,47	JAN	1.00	0.209	0.159	0.97	0.70	35.75	2.81	40.23
STANHAY PLANTR	1,58	JAN	1.00	0.310	0.235	3.79	1.04	75.00	5.59	85.42
DITCHER BLADE	5,48	JAN	1.00	0.504	0.382	1.20	1.69	0.0	6.39	9.29
FERT. APPL, RNTD	2,59	FEB	1.00	0.203	0.154	1.53	0.68	14.00	2.17	18.38
HERB SPRAYR 6R	4,47	FEB	1.00	0.209	0.159	0.97	0.70	35.75	2.81	40.23
RLNG CULT 6R	2,34	FEB	1.00	0.194	0.147	1.76	0.65	0.0	2.86	5.28
DITCHER BLADE	5,48	FEB	1.00	0.504	0.382	1.20	1.69	0.0	6.39	9.29
FERT. APPL, RNTD	2,59	MAR	1.00	0.203	0.154	1.53	0.68	17.50	2.17	21.88
RLNG CULT 6R	2,34	MAR	1.00	0.194	0.147	1.76	0.65	0.0	2.86	5.28
DITCHER BLADE	5,48	MAR	1.00	0.504	0.382	1.20	1.69	0.0	6.39	9.29
DITCHER BLADE	5,48	APR	1.00	0.504	0.382	1.20	1.69	0.0	6.39	9.29
DITCHER BLADE	5,48	MAY	1.00	0.504	0.382	1.20	1.69	0.0	6.39	9.29
TOTALS				5.909	4.477	33.24	19.80	178.00	87.10	318.14

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	12.00	12.000	0.0	0.0	40.20	12.00	0.0	52.20
WATER APPLICATION	FEB	12.00	12.000	0.0	0.0	40.20	12.00	0.0	52.20
WATER APPLICATION	MAR	12.00	12.000	0.0	0.0	40.20	12.00	0.0	52.20
WATER APPLICATION	APR	12.00	12.000	0.0	0.0	40.20	12.00	0.0	52.20
WATER APPLICATION	MAY	12.00	12.000	0.0	0.0	40.20	12.00	0.0	52.20
TOTALS		60.00	60.000	0.0	0.0	201.00	60.00	0.0	261.00

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 CHILI PEPPERS
(DOLLARS)

	22.40	25.20	28.00	30.80	33.60
CWT.					
112.00	903.62	1217.22	1530.82	1844.42	2158.01
126.00	1096.12	1448.92	1801.72	2154.52	2507.31
QUANTITY OF CHILI PEPPERS	140.00	1288.62	1680.62	2072.62	2464.61
	154.00	1481.12	1912.32	2343.51	2774.71
	168.00	1673.62	2144.01	2614.41	3084.81
				3084.81	3555.21

BUFFLE GRASS ESTABLISHMENT, DRYLAND, TEXAS RIO GRANDE VALLEY REGION
 1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
PASTURE	1.00	ACRE	0.0	0.0	
TOTAL PROJECTED RETURNS				\$ 0.0	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*BUFFEL GRASS	4.00	LB.	3.00	12.00	
BRUSH CLEARING	1.00	ACRE	100.00	100.00	
CUSTOM PLANT	1.00	ACRE	5.00	5.00	
FUEL & LUBE--TRACTOR		ACRE		1.35	
EQUIPMENT		ACRE		0.88	
REPAIRS-----TRACTOR		ACRE		0.24	
EQUIPMENT		ACRE		0.75	
LABOR-----MACHINERY	0.39	HOUR	3.35	1.30	
EQUIPMENT	0.42	HOUR	3.35	1.41	
OPERATING CAPITAL	10.41	DOL.	0.150	1.56	
SUBTOTAL, PREHARVEST		ACRE		\$ 124.49	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$
TOTAL VARIABLE COSTS		ACRE		\$ 124.49	\$
BREAK-EVEN PRICE, VARIABLE COSTS \$124.49/ACRE PASTURE					
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -124.49	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		4.41	
EQUIPMENT		ACRE		2.86	
LAND-CASH RENT	1.00	ACRE	5.00	5.00	
TOTAL FIXED COSTS		ACRE		\$ 12.26	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 136.75	\$
BREAK-EVEN PRICE, TOTAL COSTS \$136.75/ACRE PASTURE					
6. NET PROJECTED RETURNS		ACRE		\$ -136.75	\$

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BUFFLE GRASS ESTABLISHMENT, DRYLAND, TEXAS RIO GRANDE VALLEY REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
RLNG CULT 6R	4,34	SEPT	2.00	0.389	0.295	2.18	1.30	0.0	6.00	9.49
TOTALS				0.389	0.295	2.18	1.30	0.0	6.00	9.49

BUFFEL GRASS, DRYLAND, TEXAS RIO GRANDE VALLEY REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR
			\$/UNIT	VALUE	ESTIMATE
1. GROSS RECEIPTS					
PASTURE	2.50	AUM	0.0	0.0	
TOTAL PROJECTED RETURNS				\$ 0.0	\$
2. VARIABLE COSTS		INPUT USE			
PREHARVEST COSTS					
FUEL & LUBE--TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		0.74	
REPAIRS-----TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		0.13	
LABOR-----MACHINERY	0.0	HOURL	3.35	0.0	
EQUIPMENT	0.35	HOURL	3.35	1.17	
OTHER	0.50	HOURL	3.35	1.68	
OPERATING CAPITAL	0.34	DOL.	0.150	0.05	
SUBTOTAL, PREHARVEST		ACRE		\$ 3.76	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$
TOTAL VARIABLE COSTS		ACRE		\$ 3.76	\$
BREAK-EVEN PRICE, VARIABLE COSTS		\$ 1.50/AUM	PASTURE		
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -3.76	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		1.05	
LAND-CASH RENT	1.00	ACRE	10.00	10.00	
PRORATED ESTABL	136.75	DOL.	0.10	13.68	
TOTAL FIXED COSTS		ACRE		\$ 24.73	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 28.48	\$
BREAK-EVEN PRICE, TOTAL COSTS		\$ 11.39/AUM	PASTURE		
6. NET PROJECTED RETURNS		ACRE		\$ -28.48	\$

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BUFFEL GRASS, DRYLAND, TEXAS RIO GRANDE VALLEY REGION
 1983 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
TOTALS				0.0	0.0	0.0	0.0	0.0	0.0	0.0

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 PASTURE (DOLLARS)				
		1.20	1.35	1.50	1.65	1.80
QUANTITY OF PASTURE	AUM					
	2.00	-1.35	-1.05	-0.75	-0.45	-0.15
	2.25	-1.05	-0.71	-0.38	-0.04	0.30
	2.50	-0.75	-0.38	0.0	0.38	0.75
	2.75	-0.45	-0.04	0.38	0.79	1.20
	3.00	-0.15	0.30	0.75	1.20	1.65

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

BERMUDA TYPE GRASSES, ESTAB., IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
HAY	3.00	TON	100.00	300.00	
TOTAL PROJECTED RETURNS				\$ 300.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
CUSTOM SPRIGGING	1.00	ACRE	75.00	75.00	
*NITROGEN (DRY)	150.00	LB.	0.35	52.50	
*HERBICIDES	2.00	ACRE	2.50	5.00	
*IRRIG. WATER	3.00	APPL	6.00	18.00	
IRRIGATION WATER	18.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		10.91	
EQUIPMENT		ACRE		2.06	
REPAIRS-----TRACTOR		ACRE		3.04	
EQUIPMENT		ACRE		2.61	
LABOR-----MACHINERY	2.15	HOUR	3.35	7.19	
IRRIGATION	4.50	HOUR	3.35	15.08	
EQUIPMENT	0.98	HOUR	3.35	3.28	
OPERATING CAPITAL	87.78	DOL.	0.150	13.17	
SUBTOTAL, PREHARVEST		ACRE		\$ 207.83	\$
HARVEST COSTS					
MOW,RAKE,BALE	100.00	BALE	0.45	45.00	
CUSTOM BALE HAUL	100.00	BALE	0.25	25.00	
SUBTOTAL, HARVEST		ACRE		\$ 70.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 277.83	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 92.61/TON	HAY	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 22.17	\$
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		23.24	
EQUIPMENT		ACRE		15.16	
LAND-CASH RENT	1.00	ACRE	40.00	40.00	
TOTAL FIXED COSTS		ACRE		\$ 78.40	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 356.23	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 118.74/TON	HAY	
6. NET PROJECTED RETURNS		ACRE		\$ -56.23	\$

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BERMUDA TYPE GRASSES, ESTAB., IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
OFFSET DISC	2,38	JAN	1.00	0.210	0.159	1.83	0.70	0.0	3.99	6.52
FLOAT PLANE	2,45	JAN	1.00	0.216	0.164	1.73	0.72	0.0	3.44	5.89
DITCHER BLADE	4,48	MAR	0.01	0.005	0.004	0.02	0.02	0.0	0.09	0.13
HERB SPRAYR 6R	4,47	MAR	1.00	0.209	0.159	0.97	0.70	2.50	2.81	6.98
DITCHER BLADE	4,48	MAY	0.01	0.005	0.004	0.02	0.02	0.0	0.09	0.13
FERT.APPL,RNTD	4,59	MAY	1.00	0.203	0.154	0.83	0.68	52.50	2.31	56.32
MOLDBOARD PLOW	2,31	AUG	1.00	0.451	0.342	4.32	1.51	0.0	7.87	13.70
OFFSET DISC	2,38	AUG	2.00	0.421	0.319	3.66	1.41	0.0	7.98	13.05
OFFSET DISC	2,38	OCT	1.00	0.210	0.159	1.83	0.70	0.0	3.99	6.52
DITCHER BLADE	4,48	OCT	0.01	0.005	0.004	0.02	0.02	0.0	0.09	0.13
HERB SPRAYR 6R	4,47	OCT	1.00	0.209	0.159	0.97	0.70	2.50	2.81	6.98
TOTALS				2.146	1.626	16.21	7.19	57.50	35.46	116.35

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	MAR	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	MAY	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	OCT	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
TOTALS		18.00	4.500	0.0	0.0	15.08	18.00	0.0	33.07

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 HAY (DOLLARS)				
		80.00	90.00	100.00	110.00	120.00
QUANTITY OF HAY	TON	-71.83	-47.83	-23.83	0.17	24.17
2.40		-54.83	-27.83	-0.83	26.17	53.17
2.70		-37.83	-7.83	22.17	52.17	82.17
3.00		-20.83	12.17	45.17	78.17	111.17
3.30		-3.83	32.17	68.17	104.17	140.17
3.60						

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

BERMUDA GRASS HAY, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR
			\$/UNIT	VALUE	ESTIMATE
1. GROSS RECEIPTS					
HAY	12.00	TON	100.00	1200.00	
TOTAL PROJECTED RETURNS				\$ 1200.00	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
NITROGEN (DRY)	200.00	LB.	0.35	70.00	
*IRRIG. WATER	4.00	APPL	6.00	24.00	
IRRIGATION WATER	24.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		2.06	
REPAIRS-----TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		0.35	
LABOR-----MACHINERY	0.0	HOUR	3.35	0.0	
IRRIGATION	6.00	HOUR	3.35	20.10	
EQUIPMENT	0.98	HOUR	3.35	3.28	
OPERATING CAPITAL	-23.03	DOL.	0.150	-3.45	
SUBTOTAL, PREHARVEST		ACRE		\$ 116.34	\$
HARVEST COSTS					
MOW,RAKE,BALE	400.00	BALE	0.45	180.00	
CUSTOM BALE HAUL	400.00	BALE	0.25	100.00	
SUBTOTAL, HARVEST		ACRE		\$ 280.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 396.34	\$
BREAK-EVEN PRICE, VARIABLE COSTS		\$ 33.03/TON		HAY	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 803.66	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		2.94	
LAND-CASH RENT	1.00	ACRE	40.00	40.00	
PRORATED ESTABL	56.23	DOL.	0.10	5.62	
TOTAL FIXED COSTS		ACRE		\$ 48.56	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 444.90	\$
BREAK-EVEN PRICE, TOTAL COSTS		\$ 37.08/TON		HAY	
6. NET PROJECTED RETURNS		ACRE		\$ 755.10	\$

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BERMUDA GRASS HAY, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
TOTALS				0.0	0.0	0.0	0.0	0.0	0.0	0.0

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	APR	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	JUNE	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	JULY	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	AUG	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
TOTALS		24.00	6.000	0.0	0.0	20.10	24.00	0.0	44.10

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 HAY (DOLLARS)				
		80.00	90.00	100.00	110.00	120.00
QUANTITY OF HAY	TON					
	9.60	427.66	523.66	619.66	715.66	811.66
	10.80	495.66	603.66	711.66	819.66	927.66
	12.00	563.66	683.66	803.66	923.66	1043.66
	13.20	631.66	763.66	895.66	1027.66	1159.66
	14.40	699.66	843.66	987.66	1131.66	1275.66

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

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR
			\$/UNIT	VALUE	ESTIMATE
1. GROSS RECEIPTS					
PASTURE	2.50	AUM	0.0	0.0	
TOTAL PROJECTED RETURNS				\$ 0.0	\$
2. VARIABLE COSTS		INPUT USE			
PREHARVEST COSTS					
NITROGEN (DRY)	150.00	LB.	0.35	52.50	
*IRRIG. WATER	4.00	APPL	6.00	24.00	
IRRIGATION WATER	24.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		3.70	
EQUIPMENT		ACRE		2.06	
REPAIRS-----TRACTOR		ACRE		0.66	
EQUIPMENT		ACRE		0.72	
LABOR-----MACHINERY	1.07	HOUR	3.35	3.59	
IRRIGATION	6.00	HOUR	3.35	20.10	
EQUIPMENT	0.98	HOUR	3.35	3.28	
OPERATING CAPITAL	52.83	DOL.	0.150	7.92	
SUBTOTAL, PREHARVEST		ACRE		\$ 118.54	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$
TOTAL VARIABLE COSTS		ACRE		\$ 118.54	\$
BREAK-EVEN PRICE, VARIABLE COSTS		\$ 47.42/AUM	PASTURE		
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -118.54	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		12.13	
EQUIPMENT		ACRE		5.67	
LAND-CASH RENT	1.00	ACRE	40.00	40.00	
PRORATED ESTABL	56.23	DOL.	0.10	5.62	
TOTAL FIXED COSTS		ACRE		\$ 63.42	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 181.96	\$
BREAK-EVEN PRICE, TOTAL COSTS		\$ 72.78/AUM	PASTURE		
6. NET PROJECTED RETURNS		ACRE		\$ -181.96	\$

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.

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

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
FLEX HARROW	4,57	MAY	1.00	0.252	0.191	1.06	0.84	0.0	3.05	4.95
FLEX HARROW	4,57	JULY	1.00	0.252	0.191	1.06	0.84	0.0	3.05	4.95
SHREDDER 4R	4,46	JULY	1.00	0.283	0.214	1.31	0.95	0.0	4.38	6.64
SHREDDER 4R	4,46	SEPT	1.00	0.283	0.214	1.31	0.95	0.0	4.38	6.64
TOTALS				1.070	0.811	4.74	3.59	0.0	14.85	23.18

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	MAR	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	MAY	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	JULY	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	SEPT	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
TOTALS		24.00	6.000	0.0	0.0	20.10	24.00	0.0	44.10

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 PASTURE
(DOLLARS)

		37.93	42.67	47.42	52.16	56.90
QUANTITY OF PASTURE	AUM					
	2.00	-42.67	-33.19	-23.71	-14.22	-4.74
	2.25	-33.19	-22.52	-11.85	-1.19	9.48
	2.50	-23.71	-11.85	0.0	11.85	23.71
	2.75	-14.22	-1.19	11.85	24.89	37.93
	3.00	-4.74	9.48	23.71	37.93	52.16

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

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

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR
			\$/UNIT	VALUE	ESTIMATE
1. GROSS RECEIPTS					
SOYBEANS	30.00	BU.	5.00	150.00	
TOTAL PROJECTED RETURNS				\$ 150.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SOYBEAN SEED	60.00	LB.	0.44	26.40	
*INNOC.	1.00	APPL	1.10	1.10	
PHOSPHATE	30.00	LB.	0.27	8.10	
*IRRIG. WATER	3.00	APPL	6.00	18.00	
*INSECTICIDE	3.00	APPL	2.50	7.50	
PESTICIDE APPL.	3.00	APPL	3.50	10.50	
HERB, PREMERGE	1.00	APPL	9.00	9.00	
*FUNGICIDE	1.00	APPL	8.32	8.32	
IRRIGATION WATER	18.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		3.74	
REPAIRS-----TRACTOR		ACRE		0.76	
EQUIPMENT		ACRE		1.11	
LABOR-----MACHINERY	1.07	HOUR	3.35	3.58	
IRRIGATION	4.50	HOUR	3.35	15.08	
OPERATING CAPITAL	22.21	DOL.	0.150	3.33	
SUBTOTAL, PREHARVEST		ACRE		\$ 116.51	\$
HARVEST COSTS					
CUST HARV & HAUL	30.00	BU.	0.65	19.50	
FUEL & LUBE--TRACTOR		ACRE		0.29	
EQUIPMENT		ACRE		2.52	
REPAIRS-----TRACTOR		ACRE		0.05	
EQUIPMENT		ACRE		5.32	
LABOR-----MACHINERY	0.33	HOUR	3.35	1.10	
SUBTOTAL, HARVEST		ACRE		\$ 28.77	\$
TOTAL VARIABLE COSTS		ACRE		\$ 145.29	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 4.84/BU.	SOYBEANS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 4.71	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		12.06	
EQUIPMENT		ACRE		14.89	
LAND-CASH RENT	1.00	ACRE	50.00	50.00	
TOTAL FIXED COSTS		ACRE		\$ 76.95	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 222.24	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 7.41/BU.	SOYBEANS	
6. NET PROJECTED RETURNS		ACRE		\$ -72.24	\$

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

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
SHREDDER 4R	5,46	AUG	1.00	0.283	0.214	0.78	0.95	0.0	3.01	4.74
OFFSET DISC	4,38	AUG	1.00	0.210	0.159	1.11	0.70	0.0	4.14	5.95
BEDDER 6R	1,35	AUG	1.00	0.151	0.115	1.42	0.51	0.0	2.64	4.56
PLANTER 6R	4,36	AUG	1.00	0.202	0.153	1.22	0.68	27.50	4.00	33.40
DITCHER BLADE	5,48	AUG	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
CULTIVATOR 6R	4,44	SEPT	1.00	0.207	0.157	1.05	0.69	0.0	3.24	4.98
DITCHER BLADE	5,48	OCT	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
DITCHER BLADE	5,48	NOV	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
COMBINE	14	DEC	1.00	0.246	0.196	8.56	0.82	0.0	8.70	18.09
GRAIN CART	4,61	DEC	1.00	0.082	0.063	0.46	0.28	0.0	1.02	1.76
TOTALS				1.397	1.069	14.63	4.68	27.50	26.95	73.76

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	AUG	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	OCT	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	NOV	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
TOTALS		18.00	4.500	0.0	0.0	15.08	18.00	0.0	33.07

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 SOYBEANS
(DOLLARS)

		4.00	4.50	5.00	5.50	6.00
QUANTITY OF SOYBEANS	BU.					
	24.00	-45.39	-33.39	-21.39	-9.39	2.61
	27.00	-35.34	-21.84	-8.34	5.16	18.66
	30.00	-25.29	-10.29	4.71	19.71	34.71
	33.00	-15.24	1.26	17.76	34.26	50.76
	36.00	-5.19	12.81	30.81	48.81	66.81

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

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

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
BELL PEPPERS	400.00	CRTN	9.42	3768.00	
TOTAL PROJECTED RETURNS				\$ 3768.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*BELL PEPPERS	2.50	LB.	25.00	62.50	
*SIDE DRESS	1.00	ACRE	75.90	75.90	
FERTILIZER APPL	4.00	ACRE	3.00	12.00	
FOLIAR FEED	1.00	ACRE	2.72	2.72	
*HERBICIDE	1.00	ACRE	35.75	35.75	
*INSECTICIDE	16.00	APPL	3.80	60.80	
*FUNGICIDE	12.00	APPL	4.30	51.60	
PESTICIDE APPL.	16.00	APPL	3.50	56.00	
*IRRIG. WATER	8.00	APPL	6.00	48.00	
IRRIGATION WATER	48.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		13.13	
EQUIPMENT		ACRE		2.06	
REPAIRS-----TRACTOR		ACRE		3.23	
EQUIPMENT		ACRE		3.94	
LABOR-----MACHINERY	2.55	HOUR	3.35	8.53	
IRRIGATION	12.00	HOUR	3.35	40.20	
EQUIPMENT	0.98	HOUR	3.35	3.28	
OTHER	40.00	HOUR	3.35	134.00	
OPERATING CAPITAL	-25.47	DOL.	0.150	-3.82	
SUBTOTAL, PREHARVEST		ACRE		\$ 609.81	\$
HARVEST COSTS					
HARVEST	400.00	CRTN	1.05	420.00	
PACK&CONT	400.00	CRTN	2.35	940.00	
MKT-VEGETABLES	400.00	CRTN	0.40	160.00	
SUBTOTAL, HARVEST		ACRE		\$ 1520.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 2129.81	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 5.32/CRTN	BELL PEPPERS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 1638.19	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		30.52	
EQUIPMENT		ACRE		14.72	
LAND-CASH RENT	1.00	ACRE	90.00	90.00	
TOTAL FIXED COSTS		ACRE		\$ 135.23	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 2265.05	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 5.66/CRTN	BELL PEPPERS	
6. NET PROJECTED RETURNS		ACRE		\$ 1502.95	\$
PACKED IN 30 POUND CARTONS.					

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

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
SHREDDER 4R	5,46	JUNE	1.00	0.283	0.214	0.78	0.95	0.0	3.01	4.74
MOLDBOARD PLOW	1,31	JUNE	0.50	0.226	0.171	2.42	0.76	0.0	4.78	7.96
CHISEL PLOW	4,33	JUNE	0.50	0.084	0.064	0.44	0.28	0.0	1.40	2.12
OFFSET DISC	1,38	JUNE	1.00	0.210	0.159	2.08	0.70	0.0	4.78	7.56
FLOAT PLANE	4,45	JUNE	1.00	0.216	0.164	0.98	0.72	0.0	3.59	5.30
BEDDER 6R	1,35	JULY	1.00	0.151	0.115	1.42	0.51	0.0	2.64	4.56
ROTOVATOR 4R	1,42	JULY	1.00	0.233	0.176	2.51	0.78	0.0	4.83	8.12
HERB SPRAYR 6R	4,47	JULY	1.00	0.209	0.159	0.97	0.70	23.95	2.81	28.43
STANHAY PLANTR	1,58	JULY	1.00	0.310	0.235	3.79	1.04	62.50	5.59	72.92
DITCHER BLADE	5,48	JULY	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
HERB SPRAYR 6R	4,47	AUG	1.00	0.209	0.159	0.97	0.70	11.80	2.81	16.28
DITCHER BLADE	5,48	AUG	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
RLNG CULT 6R	2,34	AUG	1.00	0.194	0.147	1.76	0.65	0.0	2.86	5.28
DITCHER BLADE	5,48	SEPT	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
RLNG CULT 6R	2,34	SEPT	1.00	0.194	0.147	1.76	0.65	0.0	2.86	5.28
DITCHER BLADE	5,48	OCT	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
DITCHER BLADE	5,48	NOV	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
TOTALS				2.546	1.929	19.94	8.53	98.25	42.29	169.01

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	JULY	12.00	3.000	0.0	0.0	10.05	12.00	0.0	22.05
WATER APPLICATION	AUG	12.00	3.000	0.0	0.0	10.05	12.00	0.0	22.05
WATER APPLICATION	SEPT	12.00	3.000	0.0	0.0	10.05	12.00	0.0	22.05
WATER APPLICATION	OCT	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	NOV	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
TOTALS		48.00	12.000	0.0	0.0	40.20	48.00	0.0	88.20

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF BELL PEPPERS
(DOLLARS)

		7.54	8.48	9.42	10.36	11.30
CRTN						
320.00	QUANTITY OF BELL PEPPERS	585.71	887.15	1188.59	1490.03	1791.47
360.00		735.15	1074.27	1413.39	1752.51	2091.63
400.00		884.59	1261.39	1638.19	2014.98	2391.79
440.00		1034.03	1448.51	1862.98	2277.46	2691.95
480.00		1183.47	1635.63	2087.79	2539.95	2992.11

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

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR
			\$/UNIT	VALUE	ESTIMATE
1. GROSS RECEIPTS					
CABBAGE	600.00	CRTN	4.57	2742.00	
TOTAL PROJECTED RETURNS				\$ 2742.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*CABBAGE SEED	1.00	LB.	50.00	50.00	
*NITROGEN (DRY)	200.00	LB.	0.35	70.00	
*PHOSPHATE	80.00	LB.	0.27	21.60	
*HERBICIDE	1.00	ACRE	35.75	35.75	
*INSECTICIDE	23.00	APPL	16.70	384.10	
PESTICIDE APPL.	23.00	APPL	3.50	80.50	
*FUNGICIDE	12.00	APPL	4.50	54.00	
*IRRIG. WATER	7.00	APPL	6.00	42.00	
IRRIGATION WATER	42.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		14.79	
EQUIPMENT		ACRE		2.50	
REPAIRS-----TRACTOR		ACRE		3.64	
EQUIPMENT		ACRE		3.44	
LABOR-----MACHINERY	3.57	HOURL	3.35	11.95	
IRRIGATION	10.50	HOURL	3.35	35.18	
EQUIPMENT	1.19	HOURL	3.35	3.99	
OTHER	30.00	HOURL	3.35	100.50	
OPERATING CAPITAL	257.89	DOL.	0.150	38.68	
SUBTOTAL, PREHARVEST		ACRE		\$ 952.62	\$
HARVEST COSTS					
HARVEST	600.00	CRTN	0.50	300.00	
PACK&CON	600.00	CRTN	1.55	930.00	
MKT-VEGETABLES	600.00	CRTN	0.40	240.00	
SUBTOTAL, HARVEST		ACRE		\$ 1470.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 2422.62	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 4.04/CRTN	CABBAGE	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 319.38	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		35.75	
EQUIPMENT		ACRE		21.25	
LAND-CASH RENT	1.00	ACRE	90.00	90.00	
TOTAL FIXED COSTS		ACRE		\$ 147.00	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 2569.62	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 4.28/CRTN	CABBAGE	
6. NET PROJECTED RETURNS		ACRE		\$ 172.38	\$
PACKED IN 50 LBS. CARTONS					

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

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
SHREDDER 4R	5,46	JUNE	1.00	0.283	0.214	0.78	0.95	0.0	3.01	4.74
OFFSET DISC	1,38	JUNE	1.00	0.210	0.159	2.08	0.70	0.0	4.78	7.56
MOLDBOARD PLOW	1,31	JULY	0.50	0.226	0.171	2.42	0.76	0.0	4.78	7.96
CHISEL PLOW	1,33	JULY	0.50	0.084	0.064	0.83	0.28	0.0	1.66	2.77
HERB SPRAYR 6R	4,47	JULY	1.00	0.209	0.159	0.97	0.70	35.75	2.81	40.23
FLOAT PLANE	1,45	AUG	1.00	0.216	0.164	1.98	0.72	0.0	4.25	6.95
BEDDER 6R	2,35	AUG	1.00	0.151	0.115	1.24	0.51	0.0	2.07	3.82
FERT.APPL,RNTD	4,59	AUG	1.00	0.203	0.154	0.83	0.68	91.60	2.31	95.42
STANHAY PLANTR	1,58	AUG	1.00	0.310	0.235	3.79	1.04	50.00	5.59	60.42
DITCHER BLADE	5,48	AUG	0.50	0.252	0.191	0.60	0.84	0.0	3.20	4.64
CULTIVATOR 6R	2,44	OCT	1.00	0.207	0.157	1.76	0.69	0.0	3.09	5.55
DITCHER BLADE	5,48	OCT	0.50	0.252	0.191	0.60	0.84	0.0	3.20	4.64
CULTIVATOR 6R	2,44	NOV	1.00	0.207	0.157	1.76	0.69	0.0	3.09	5.55
DITCHER BLADE	5,48	DEC	0.50	0.252	0.191	0.60	0.84	0.0	3.20	4.64
DITCHER BLADE	5,48	FEB	0.50	0.252	0.191	0.60	0.84	0.0	3.20	4.64
DITCHER BLADE	5,48	MAR	0.50	0.252	0.191	0.60	0.84	0.0	3.20	4.64
TOTALS				3.568	2.703	21.45	11.95	177.35	53.42	264.18

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	AUG	12.00	3.000	0.0	0.0	10.05	12.00	0.0	22.05
WATER APPLICATION	OCT	12.00	3.000	0.0	0.0	10.05	12.00	0.0	22.05
WATER APPLICATION	DEC	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	FEB	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	MAR	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
TOTALS		42.00	10.500	0.0	0.0	35.17	42.00	0.0	77.17

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 CABBAGE
(DOLLARS)

		3.66	4.11	4.57	5.03	5.48
CRTN						
QUANTITY OF CABBAGE	480.00	-373.74	-154.38	64.98	284.34	503.70
	540.00	-301.38	-54.60	192.18	438.96	685.74
	600.00	-229.02	45.18	319.38	593.58	867.78
	660.00	-156.66	144.96	446.58	748.20	1049.82
	720.00	-84.30	244.74	573.78	902.82	1231.86

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

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

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR
			\$/UNIT	VALUE	ESTIMATE
1. GROSS RECEIPTS					
CANTALOUPE	375.00	CRTN	8.00	3000.00	
TOTAL PROJECTED RETURNS				\$ 3000.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*CANTALOUPE SEED	3.00	LB.	8.00	24.00	
*NITROGEN (DRY)	120.00	LB.	0.35	42.00	
*PHOSPHATE	80.00	LB.	0.27	21.60	
*INSECTICIDE	5.00	APPL	6.00	30.00	
*HERBICIDE	2.00	ACRE	40.41	80.82	
*FUNGICIDE	6.00	APPL	3.50	21.00	
PESTICIDE APPL.	6.00	APPL	3.50	21.00	
*IRRIG. WATER	5.00	APPL	6.00	30.00	
BEE RENT	0.33	ACRE	12.00	3.96	
IRRIGATION WATER	30.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		21.44	
EQUIPMENT		ACRE		2.06	
REPAIRS-----TRACTOR		ACRE		5.87	
EQUIPMENT		ACRE		5.14	
LABOR-----MACHINERY	3.71	HOURL	3.35	12.43	
IRRIGATION	7.50	HOURL	3.35	25.13	
EQUIPMENT	0.98	HOURL	3.35	3.28	
OTHER	10.00	HOURL	3.35	33.50	
OPERATING CAPITAL	-31.21	DOL.	0.150	-4.68	
SUBTOTAL, PREHARVEST		ACRE		\$ 378.54	\$
HARVEST COSTS					
HARVEST	375.00	CRTN	1.10	412.50	
PACK&CONT	375.00	CRTN	1.55	581.25	
MKT-VEGETABLES	375.00	CRTN	0.40	150.00	
SUBTOTAL, HARVEST		ACRE		\$ 1143.75	\$
TOTAL VARIABLE COSTS		ACRE		\$ 1522.29	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 4.06/CRTN	CANTALOUPE	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 1477.71	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		43.79	
EQUIPMENT		ACRE		19.91	
LAND-CASH RENT	1.00	ACRE	90.00	90.00	
TOTAL FIXED COSTS		ACRE		\$ 153.70	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 1676.00	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 4.47/CRTN	CANTALOUPE	
6. NET PROJECTED RETURNS		ACRE		\$ 1324.00	\$

CANTALOUPE SOLD IN 40 POUND 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.

PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 03/08/83.

B-1241(C19)

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

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
SHREDDER 4R	5,46	SEPT	1.00	0.283	0.214	0.78	0.95	0.0	3.01	4.74
OFFSET DISC	1,38	SEPT	1.00	0.210	0.159	2.08	0.70	0.0	4.78	7.56
OFFSET DISC	1,38	OCT	2.00	0.421	0.319	4.15	1.41	0.0	9.55	15.11
MOLDBOARD PLOW	1,31	OCT	0.50	0.226	0.171	2.42	0.76	0.0	4.78	7.96
CHISEL PLOW	1,33	OCT	0.50	0.084	0.064	0.83	0.28	0.0	1.66	2.77
RLNG CULT 6R	2,34	OCT	1.00	0.194	0.147	1.76	0.65	0.0	2.86	5.28
FLOAT PLANE	1,45	NOV	1.00	0.216	0.164	1.98	0.72	0.0	4.25	6.95
RLNG CULT 6R	2,34	NOV	1.00	0.194	0.147	1.76	0.65	0.0	2.86	5.28
RLNG CULT 6R	2,34	DEC	1.00	0.194	0.147	1.76	0.65	0.0	2.86	5.28
BEDDER 6R	2,35	JAN	1.00	0.151	0.115	1.24	0.51	0.0	2.07	3.82
FERT.APPL.,RNTD	4,59	JAN	1.00	0.203	0.154	0.83	0.68	63.60	2.31	67.42
HERB SPRAYR 6R	2,47	JAN	1.00	0.209	0.159	1.69	0.70	40.41	2.66	45.46
RLNG CULT 6R	2,34	FEB	1.00	0.194	0.147	1.76	0.65	0.0	2.86	5.28
STANHAY PLANTR	1,58	FEB	1.00	0.310	0.235	3.79	1.04	24.00	5.59	34.42
DITCHER BLADE	5,48	FEB	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
HERB SPRAYR 6R	2,47	MAR	1.00	0.209	0.159	1.69	0.70	40.41	2.66	45.46
RLNG CULT 6R	2,34	MAR	1.00	0.194	0.147	1.76	0.65	0.0	2.86	5.28
DITCHER BLADE	5,48	MAR	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
RLNG CULT 6R	2,34	APR	1.00	0.194	0.147	1.76	0.65	0.0	2.86	5.28
DITCHER BLADE	5,48	APR	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
DITCHER BLADE	5,48	MAY	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
TOTALS				3.710	2.811	32.10	12.43	168.42	60.76	273.71

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	FEB	12.00	3.000	0.0	0.0	10.05	12.00	0.0	22.05
WATER APPLICATION	MAR	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	APR	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	MAY	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
TOTALS		30.00	7.500	0.0	0.0	25.12	30.00	0.0	55.12

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF CANTALOUPE
(DOLLARS)

		6.40	7.20	8.00	8.80	9.60
QUANTITY OF CANTALOUPE	CRTN					
	300.00	626.46	866.46	1106.46	1346.46	1586.46
	337.50	752.08	1022.08	1292.08	1562.08	1832.08
	375.00	877.71	1177.71	1477.71	1777.71	2077.71
	412.50	1003.33	1333.33	1663.33	1993.33	2323.33
	450.00	1128.96	1488.96	1848.96	2208.96	2568.96

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

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
CARROTS	400.00	BAGS	4.11	1644.00	
TOTAL PROJECTED RETURNS				\$ 1644.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*CARROT SEED	2.00	LB.	6.50	13.00	
*NITROGEN (DRY)	100.00	LB.	0.35	35.00	
*PHOSPHATE	60.00	LB.	0.27	16.20	
*HERBICIDE	2.00	ACRE	13.10	26.20	
*INSECTICIDE	4.00	APPL	3.50	14.00	
*FUNGICIDE	6.00	APPL	4.50	27.00	
*FUMIGATE	1.00	ACRE	0.15	0.15	
PESTICIDE APPL.	5.00	APPL	3.50	17.50	
*IRRIG. WATER	5.00	APPL	6.00	30.00	
IRRIGATION WATER	30.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		20.42	
EQUIPMENT		ACRE		2.50	
REPAIRS-----TRACTOR		ACRE		5.28	
EQUIPMENT		ACRE		4.47	
LABOR-----MACHINERY	3.19	HOUR	3.35	10.70	
IRRIGATION	7.50	HOUR	3.35	25.13	
EQUIPMENT	1.19	HOUR	3.35	3.99	
OPERATING CAPITAL	107.07	DOL.	0.150	16.06	
SUBTOTAL, PREHARVEST		ACRE		\$ 267.59	\$
HARVEST COSTS					
HARVEST	400.00	BAGS	1.05	420.00	
PACK&CONT	400.00	BAGS	2.55	1020.00	
MKT-VEGETABLES	400.00	CRTN	0.40	160.00	
SUBTOTAL, HARVEST		ACRE		\$ 1600.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 1867.59	\$
BREAK-EVEN PRICE, VARIABLE COSTS				\$ 4.67/BAGS CARROTS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -223.59	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		42.91	
EQUIPMENT		ACRE		21.14	
LAND-CASH RENT	1.00	ACRE	90.00	90.00	
TOTAL FIXED COSTS		ACRE		\$ 154.04	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 2021.63	\$
BREAK-EVEN PRICE, TOTAL COSTS				\$ 5.05/BAGS CARROTS	
6. NET PROJECTED RETURNS		ACRE		\$ -377.63	\$
PACKED 48 ONE LBS. CELLO BAGS PER BAG					

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