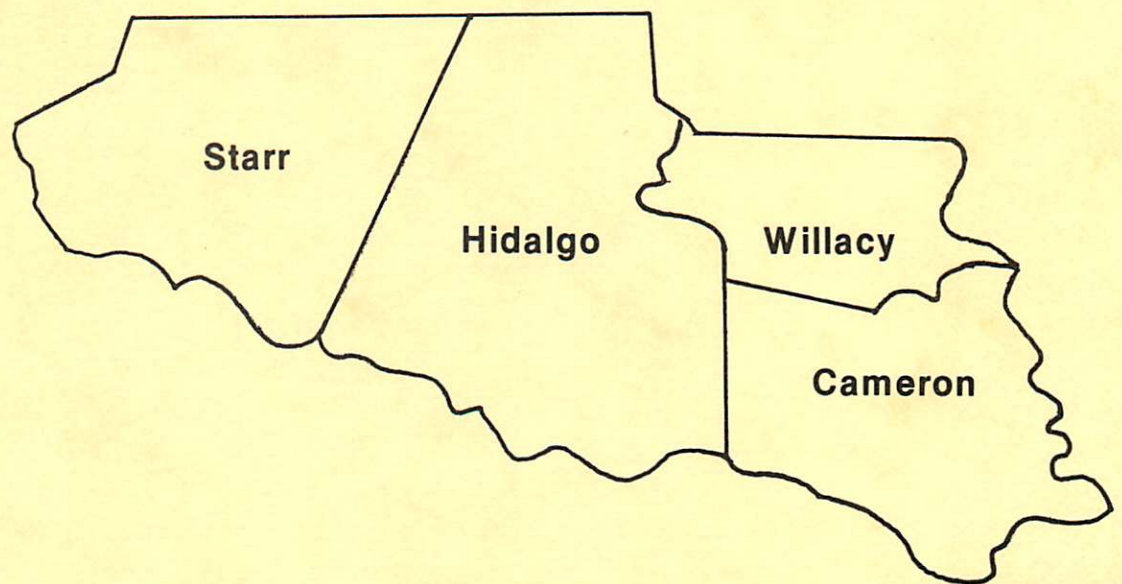
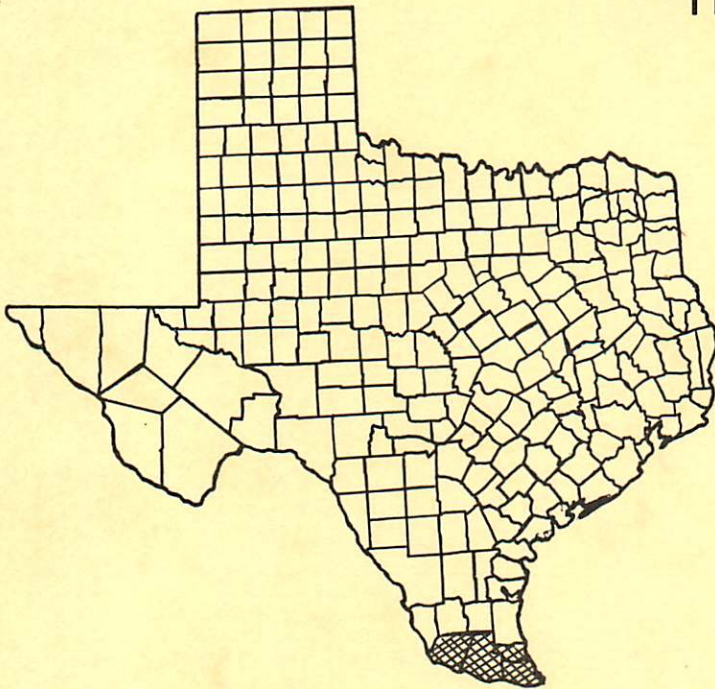


TEXAS RIO GRANDE VALLEY

SOIL RESOURCE AREA 19



TEXAS ENTERPRISE BUDGETS

TEXAS RIO GRANDE VALLEY REGION

Projected for 1983

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COTTON, 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					
COTTON LINT	400.00	LB.	0.55	220.00	
COTTONSEED	0.32	TON	95.00	30.40	
DEFICIENCY PMT.	400.00	LB.	0.21	84.00	
TOTAL PROJECTED RETURNS				\$ 334.40	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*SD COTTON	18.00	LB.	0.50	9.00	
*NITROGEN (DRY)	30.00	LB.	0.35	10.50	
*PHOSPHATE	30.00	LB.	0.27	8.10	
*HERBICIDE	1.00	ACRE	20.30	20.30	
*INSECTICIDE	4.00	APPL	4.50	18.00	
PESTICIDE APPL.	4.00	APPL	3.50	14.00	
FUEL & LUBE--TRACTOR		ACRE		12.65	
EQUIPMENT		ACRE		2.50	
REPAIRS-----TRACTOR		ACRE		3.73	
EQUIPMENT		ACRE		3.10	
LABOR-----MACHINERY	2.31	HOUR	3.35	7.72	
EQUIPMENT	1.19	HOUR	3.35	3.99	
OTHER	1.00	HOUR	3.35	3.35	
OPERATING CAPITAL	39.57	DOL.	0.150	5.93	
SUBTOTAL, PREHARVEST		ACRE		\$ 122.87	\$
HARVEST COSTS					
*DEFOLIANT	1.00	ACRE	4.60	4.60	
DEFOLIANT APPLI.	1.00	ACRE	3.00	3.00	
*GIN, BAG, TIES	0.83	BALE	48.00	39.84	
FUEL & LUBE--TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		6.21	
REPAIRS-----TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		22.25	
LABOR-----MACHINERY	1.33	HOUR	3.35	4.47	
EQUIPMENT	0.03	HOUR	3.35	0.10	
SUBTOTAL, HARVEST		ACRE		\$ 80.47	\$
TOTAL VARIABLE COSTS		ACRE		\$ 203.34	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.22/LB.	COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 131.06	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		24.69	
EQUIPMENT		ACRE		71.01	
LAND-CASH RENT	1.00	ACRE	55.00	55.00	
TOTAL FIXED COSTS		ACRE		\$ 150.70	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 354.03	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.60/LB.	COTTON LINT	
6. NET PROJECTED RETURNS		ACRE		\$ -19.63	\$

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

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 EXTENSION SERVICE AND APPROVED FOR PUBLICATION.

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

B-1241(C19)

COTTON, 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
SHREDDER 4R	4,46	SEPT	1.00	0.283	0.214	1.31	0.95	0.0	4.38	6.64
MOLDBOARD PLOW	2,30	SEPT	0.50	0.285	0.216	2.61	0.96	0.0	5.62	9.18
CHISEL PLOW	2,32	SEPT	0.50	0.101	0.076	0.87	0.34	0.0	1.57	2.78
OFFSET DISC	2,38	SEPT	1.00	0.210	0.159	1.83	0.70	0.0	3.99	6.52
OFFSET DISC	2,38	OCT	1.00	0.210	0.159	1.83	0.70	0.0	3.99	6.52
BEDDER 6R	2,35	NOV	1.00	0.151	0.115	1.24	0.51	0.0	2.07	3.82
FERT.APPL,RNTD	2,59	JAN	1.00	0.203	0.154	1.53	0.68	18.60	2.17	22.98
HERB SPRAYR 6R	47	JAN	1.25	0.0	0.198	0.14	0.0	20.30	0.54	20.99
RLNG CULT 6R	2,34	FEB	1.00	0.194	0.147	1.76	0.65	0.0	2.86	5.28
PLANTER 6R	2,36	FEB	1.25	0.252	0.191	2.40	0.84	9.00	4.82	17.06
CULTIVATOR 6R	2,44	MAR	1.00	0.207	0.157	1.76	0.69	0.0	3.09	5.55
CULTIVATOR 6R	2,44	MAY	1.00	0.207	0.157	1.76	0.69	0.0	3.09	5.55
CTTN PICKR 2R	17	AUG	1.25	1.334	1.068	31.39	4.47	39.84	48.31	124.01
TOTALS				3.640	3.013	50.44	12.19	87.74	86.51	236.88

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF COTTON LINT
(DOLLARS)

		0.44	0.49	0.55	0.60	0.66
QUANTITY OF COTTON LINT	LB.					
	320.00	36.95	54.55	72.15	89.75	107.35
	360.00	62.01	81.81	101.61	121.41	141.21
	400.00	87.06	109.06	131.06	153.06	175.06
	440.00	112.12	136.32	160.52	184.72	208.92
	480.00	137.17	163.57	189.97	216.37	242.77

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

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
COTTON LINT	650.00	LB.	0.55	357.50	
COTTONSEED	0.52	TON	95.00	49.40	
DEFICIENCY PMT.	650.00	LB.	0.21	136.50	
TOTAL PROJECTED RETURNS				\$ 543.40	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*SD COTTON	18.00	LB.	0.50	9.00	
*NITROGEN (DRY)	60.00	LB.	0.35	21.00	
*PHOSPHATE	60.00	LB.	0.27	16.20	
*HERBICIDE	1.00	ACRE	20.30	20.30	
*INSECTICIDE	6.00	APPL	4.50	27.00	
PESTICIDE APPL.	6.00	APPL	3.50	21.00	
*IRRIG. WATER	3.00	APPL	6.00	18.00	
IRRIGATION WATER	18.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		14.86	
EQUIPMENT		ACRE		2.50	
REPAIRS-----TRACTOR		ACRE		4.42	
EQUIPMENT		ACRE		3.11	
LABOR-----MACHINERY	2.67	HOUR	3.35	8.93	
IRRIGATION	4.50	HOUR	3.35	15.08	
EQUIPMENT	1.19	HOUR	3.35	3.99	
OTHER	1.00	HOUR	3.35	3.35	
OPERATING CAPITAL	51.86	DOL.	0.150	7.78	
SUBTOTAL, PREHARVEST		ACRE		\$ 196.51	\$
HARVEST COSTS					
*GIN, BAG, TIES	1.35	BALE	48.00	64.80	
FUEL & LUBE--TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		7.45	
REPAIRS-----TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		26.70	
LABOR-----MACHINERY	1.60	HOUR	3.35	5.36	
EQUIPMENT	0.03	HOUR	3.35	0.10	
SUBTOTAL, HARVEST		ACRE		\$ 104.41	\$
TOTAL VARIABLE COSTS		ACRE		\$ 300.92	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.18/LB.	COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 242.48	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		28.47	
EQUIPMENT		ACRE		81.58	
LAND-CASH RENT	1.00	ACRE	70.00	70.00	
TOTAL FIXED COSTS		ACRE		\$ 180.05	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 480.97	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.45/LB.	COTTON LINT	
6. NET PROJECTED RETURNS		ACRE		\$ 62.43	\$

PRICE BASED ON LOAN RATE ADJUSTED FOR STORAGE. DEFICIENCY
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COTTON, 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	2,46	SEPT	1.00	0.283	0.214	2.29	0.95	0.0	4.18	7.41
CHISEL PLOW	2,32	SEPT	0.50	0.101	0.076	0.87	0.34	0.0	1.57	2.78
OFFSET DISC	2,38	SEPT	1.00	0.210	0.159	1.83	0.70	0.0	3.99	6.52
OFFSET DISC	2,38	OCT	1.00	0.210	0.159	1.83	0.70	0.0	3.99	6.52
OFFSET DISC	2,38	NOV	1.00	0.210	0.159	1.83	0.70	0.0	3.99	6.52
OFFSET DISC	2,38	NOV	1.00	0.210	0.159	1.83	0.70	0.0	3.99	6.52
BEDDER 6R	2,35	DEC	1.00	0.151	0.115	1.24	0.51	0.0	2.07	3.82
HERB SPRAYR 6R	4,47	JAN	1.00	0.209	0.159	0.97	0.70	20.30	2.81	24.78
FERT.APPL,RNTD	2,59	JAN	1.00	0.203	0.154	1.53	0.68	37.20	2.17	41.58
RLNG CULT 6R	2,34	FEB	1.00	0.194	0.147	1.76	0.65	0.0	2.86	5.28
PLANTER 6R	2,36	FEB	1.25	0.252	0.191	2.40	0.84	9.00	4.82	17.06
CULTIVATOR 6R	2,44	MAR	1.00	0.207	0.157	1.76	0.69	0.0	3.09	5.55
DITCHER BLADE	4,48	MAR	0.01	0.005	0.004	0.02	0.02	0.0	0.09	0.13
DITCHER BLADE	4,48	APR	0.01	0.005	0.004	0.02	0.02	0.0	0.09	0.13
CULTIVATOR 6R	2,44	MAY	1.00	0.207	0.157	1.76	0.69	0.0	3.09	5.55
DITCHER BLADE	4,48	MAY	0.01	0.005	0.004	0.02	0.02	0.0	0.09	0.13
CTTN PICKR 2R	17	AUG	1.50	1.601	1.281	37.67	5.36	64.80	57.97	165.81
TOTALS				4.267	3.300	59.64	14.29	131.30	100.86	306.09

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	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		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 COTTON LINT
(DOLLARS)

QUANTITY OF COTTON LINT	LB.	PRICE OF COTTON LINT (DOLLARS)				
		0.44	0.49	0.55	0.60	0.66
520.00		89.56	118.16	146.76	175.36	203.96
585.00		130.27	162.44	194.62	226.79	258.97
650.00		170.98	206.73	242.48	278.23	313.98
715.00		211.69	251.01	290.34	329.66	368.99
780.00		252.40	295.30	338.20	381.10	424.00

GRAIN SORGHUM, 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					
GRAIN SORGHUM	28.00	CWT.	4.52	126.56	
DEFICIENCY PMT.	28.00	CWT.	0.36	10.08	
TOTAL PROJECTED RETURNS				\$ 136.64	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*GRAIN SORG.SEED	6.00	LB.	0.60	3.60	
*NITROGEN (DRY)	30.00	LB.	0.35	10.50	
*INSECTICIDE	2.00	APPL	1.72	3.44	
PESTICIDE APPL.	2.00	APPL	3.50	7.00	
FUEL & LUBE--TRACTOR		ACRE		11.11	
EQUIPMENT		ACRE		2.50	
REPAIRS-----TRACTOR		ACRE		3.08	
EQUIPMENT		ACRE		2.84	
LABOR-----MACHINERY	2.20	HOUR	3.35	7.39	
EQUIPMENT	1.19	HOUR	3.35	3.99	
OPERATING CAPITAL	15.44	DOL.	0.150	2.32	
SUBTOTAL, PREHARVEST		ACRE		\$ 57.76	\$
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		\$ 77.36	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 2.40/CWT.	GRAIN SORGHUM	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 59.28	\$
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		23.91	
EQUIPMENT		ACRE		16.04	
LAND-CASH RENT	1.00	ACRE	40.00	40.00	
TOTAL FIXED COSTS		ACRE		\$ 79.95	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 157.31	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 5.26/CWT.	GRAIN SORGHUM	
6. NET PROJECTED RETURNS		ACRE		\$ -20.67	\$

PRICE BASED ON LOAN RATE ADJUSTED FOR STORAGE. DEFICIENCY
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GRAIN SORGHUM, 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
SHREDDER 4R	4,46	AUG	1.00	0.283	0.214	1.31	0.95	0.0	4.38	6.64
MOLDBOARD PLOW	2,30	AUG	0.50	0.285	0.216	2.61	0.96	0.0	5.62	9.18
OFFSET DISC	2,38	AUG	1.00	0.210	0.159	1.83	0.70	0.0	3.99	6.52
OFFSET DISC	2,38	OCT	1.00	0.210	0.159	1.83	0.70	0.0	3.99	6.52
BEDDER 6R	2,35	DEC	1.00	0.151	0.115	1.24	0.51	0.0	2.07	3.82
FERT.APPL,RNTD	2,59	JAN	1.00	0.203	0.154	1.53	0.68	10.50	2.17	14.88
RLNG CULT 6R	2,34	FEB	1.00	0.194	0.147	1.76	0.65	0.0	2.86	5.28
PLANTER 6R	2,36	FEB	1.25	0.252	0.191	2.40	0.84	3.60	4.82	11.66
CULTIVATOR 6R	4,44	MAR	1.00	0.207	0.157	1.05	0.69	0.0	3.24	4.98
CULTIVATOR 6R	4,44	MAY	1.00	0.207	0.157	1.05	0.69	0.0	3.24	4.98
TOTALS				2.205	1.670	16.60	7.39	14.10	36.38	74.47

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)

		3.62	4.07	4.52	4.97	5.42
CWT.						
QUANTITY OF GRAIN SORGHUM	22.40	15.62	25.75	35.87	46.00	56.12
	25.20	24.80	36.19	47.58	58.97	70.36
	28.00	33.97	46.63	59.28	71.94	84.59
	30.80	43.14	57.06	70.99	84.91	98.83
	33.60	52.31	67.50	82.69	97.88	113.06

GRAIN SORGHUM, 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					
GRAIN SORGHUM	50.00	CWT.	4.52	226.00	
DEFICIENCY PMT.	50.00	CWT.	0.36	18.00	
TOTAL PROJECTED RETURNS				\$ 244.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*GRAIN SORG. SEED	8.00	LB.	0.60	4.80	
*NITROGEN (DRY)	120.00	LB.	0.35	42.00	
*PHOSPHATE	60.00	LB.	0.27	16.20	
HERBICIDE	1.00	APPL	3.30	3.30	
*INSECTICIDE	7.00	APPL	1.72	12.04	
PESTICIDE APPL.	7.00	APPL	3.50	24.50	
*IRRIG. WATER	3.00	APPL	6.00	18.00	
IRRIGATION WATER	18.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		15.04	
EQUIPMENT		ACRE		2.50	
REPAIRS-----TRACTOR		ACRE		4.45	
EQUIPMENT		ACRE		3.50	
LABOR-----MACHINERY	2.73	HOURL	3.35	9.13	
IRRIGATION	4.50	HOURL	3.35	15.08	
EQUIPMENT	1.19	HOURL	3.35	3.99	
OPERATING CAPITAL	58.67	DOL.	0.150	8.80	
SUBTOTAL, PREHARVEST		ACRE		\$ 183.32	\$
HARVEST COSTS					
CUS HARV SORG D	50.00	CWT.	0.35	17.50	
HAUL GRAIN SORG	50.00	CWT.	0.35	17.50	
SUBTOTAL, HARVEST		ACRE		\$ 35.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 218.32	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 4.01/CWT.	GRAIN SORGHUM	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 25.68	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		29.16	
EQUIPMENT		ACRE		19.19	
LAND-CASH RENT	1.00	ACRE	50.00	50.00	
TOTAL FIXED COSTS		ACRE		\$ 98.35	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 316.67	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 5.97/CWT.	GRAIN SORGHUM	
6. NET PROJECTED RETURNS		ACRE		\$ -72.67	\$

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GRAIN SORGHUM, 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	4,46	AUG	1.00	0.283	0.214	1.31	0.95	0.0	4.38	6.64
OFFSET DISC	2,38	AUG	1.00	0.210	0.159	1.83	0.70	0.0	3.99	6.52
MOLDBOARD PLOW	2,30	AUG	0.50	0.285	0.216	2.61	0.96	0.0	5.62	9.18
CHISEL PLOW	2,32	AUG	0.50	0.101	0.076	0.87	0.34	0.0	1.57	2.78
OFFSET DISC	2,38	SEPT	2.00	0.421	0.319	3.66	1.41	0.0	7.98	13.05
BEDDER 6R	2,35	DEC	1.00	0.151	0.115	1.24	0.51	0.0	2.07	3.82
FERT.APPL,RNTD	2,59	JAN	1.00	0.203	0.154	1.53	0.68	58.20	2.17	62.58
RLNG CULT 6R	2,34	JAN	1.00	0.194	0.147	1.76	0.65	0.0	2.86	5.28
RLNG CULT 6R	2,34	FEB	1.00	0.194	0.147	1.76	0.65	0.0	2.86	5.28
PLANTER 6R	2,36	FEB	1.25	0.252	0.191	2.40	0.84	4.80	4.82	12.86
CULTIVATOR 6R	2,44	MAR	1.00	0.207	0.157	1.76	0.69	0.0	3.09	5.55
DITCHER BLADE	4,48	MAR	0.01	0.005	0.004	0.02	0.02	0.0	0.09	0.13
CULTIVATOR 6R	2,44	APR	1.00	0.207	0.157	1.76	0.69	0.0	3.09	5.55
DITCHER BLADE	4,48	APR	0.01	0.005	0.004	0.02	0.02	0.0	0.09	0.13
DITCHER BLADE	4,48	MAY	0.01	0.005	0.004	0.02	0.02	0.0	0.09	0.13
TOTALS				2.725	2.065	22.56	9.13	63.00	44.78	139.46

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	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		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 GRAIN SORGHUM
(DOLLARS)

	3.62	4.07	4.52	4.97	5.42
CWT.					
40.00	-52.28	-34.20	-16.12	1.96	20.04
45.00	-35.90	-15.56	4.78	25.12	45.46
50.00	-19.52	3.08	25.68	48.28	70.88
55.00	-3.14	21.72	46.58	71.44	96.30
60.00	13.24	40.36	67.48	94.60	121.72

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

LETTUCE, 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					
LETTUCE	350.00	CRTN	6.08	2128.00	
TOTAL PROJECTED RETURNS				\$ 2128.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*LETTUCE SEED	1.00	LB.	18.00	18.00	
*NITROGEN (DRY)	180.00	LB.	0.35	63.00	
*PHOSPHATE	80.00	LB.	0.27	21.60	
*HERBICIDE	1.00	ACRE	14.75	14.75	
*INSECTICIDE	15.00	APPL	5.90	88.50	
*FUNGICIDE	10.00	APPL	4.50	45.00	
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		16.56	
EQUIPMENT		ACRE		2.50	
REPAIRS-----TRACTOR		ACRE		4.19	
EQUIPMENT		ACRE		3.46	
LABOR-----MACHINERY	3.15	HOUR	3.35	10.56	
IRRIGATION	12.00	HOUR	3.35	40.20	
EQUIPMENT	1.19	HOUR	3.35	3.99	
OTHER	35.00	HOUR	3.35	117.25	
OPERATING CAPITAL	86.85	DOL.	0.150	13.03	
SUBTOTAL, PREHARVEST		ACRE		\$ 566.59	\$
HARVEST COSTS					
HARVEST	350.00	CRTN	3.20	1120.00	
PACK&CONT	350.00	CRTN	1.55	542.50	
MKT-VEGETABLES	350.00	CRTN	0.40	140.00	
SUBTOTAL, HARVEST		ACRE		\$ 1802.50	\$
TOTAL VARIABLE COSTS		ACRE		\$ 2369.09	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 6.77/CRTN	LETTUCE	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -241.09	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		37.50	
EQUIPMENT		ACRE		15.39	
LAND-CASH RENT	1.00	ACRE	90.00	90.00	
TOTAL FIXED COSTS		ACRE		\$ 142.89	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 2511.98	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 7.18/CRTN	LETTUCE	
6. NET PROJECTED RETURNS		ACRE		\$ -383.98	\$

LETTUCE PACKED IN 50 POUND CARTON.

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.

LETTUCE, 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
OFFSET DISC	1,38	JULY	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
FLOAT PLANE	1,45	JULY	1.00	0.216	0.164	1.98	0.72	0.0	4.25	6.95
BEDDER 6R	2,35	SEPT	1.00	0.151	0.115	1.24	0.51	0.0	2.07	3.82
HERB SPRAYR 6R	2,47	SEPT	1.00	0.209	0.159	1.69	0.70	14.75	2.66	19.80
FERT.APPL,RNTD	4,59	SEPT	1.00	0.203	0.154	0.83	0.68	56.60	2.31	60.42
STANHAY PLANTR	1,58	SEPT	1.00	0.310	0.235	3.79	1.04	18.00	5.59	28.42
DITCHER BLADE	5,48	SEPT	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
FERT.APPL,RNTD	4,59	OCT	1.00	0.203	0.154	0.83	0.68	10.50	2.31	14.32
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	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
FERT.APPL,RNTD	4,59	NOV	1.00	0.203	0.154	0.83	0.68	8.75	2.31	12.57
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	NOV	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
FERT.APPL,RNTD	4,59	DEC	1.00	0.203	0.154	0.83	0.68	8.75	2.31	12.57
DITCHER BLADE	5,48	DEC	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
DITCHER BLADE	5,48	JAN	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
TOTALS				3.153	2.389	23.78	10.56	117.35	49.32	201.02

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	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	NOV	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	DEC	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	JAN	12.00	3.000	0.0	0.0	10.05	12.00	0.0	22.05
TOTALS		48.00	12.000	0.0	0.0	40.20	48.00	0.0	88.20

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF LETTUCE
(DOLLARS)

		4.86	5.47	6.08	6.69	7.30
CRTN						
QUANTITY OF LETTUCE	280.00	-646.67	-476.43	-306.19	-135.95	34.29
	315.00	-656.68	-465.16	-273.64	-82.12	109.40
	350.00	-666.69	-453.89	-241.09	-28.29	184.51
	385.00	-676.70	-442.62	-208.54	25.54	259.62
	420.00	-686.71	-431.35	-175.99	79.37	334.73

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

YELLOW ONIONS, 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					
ONIONS	400.00	BAGS	4.53	1812.00	
TOTAL PROJECTED RETURNS				\$ 1812.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*ONION SEED	2.50	LB.	50.00	125.00	
*NITROGEN (DRY)	120.00	LB.	0.35	42.00	
*PHOSPHATE	80.00	LB.	0.27	21.60	
HERBICIDE	1.00	ACRE	47.47	47.47	
*INSECTICIDE	4.00	APPL	4.95	19.80	
*FUNGICIDE	17.00	APPL	4.50	76.50	
PESTICIDE APPL.	17.00	APPL	3.50	59.50	
FOLFEED	8.00	APPL	5.24	41.92	
*IRRIG. WATER	6.00	APPL	6.00	36.00	
IRRIGATION WATER	36.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		13.74	
EQUIPMENT		ACRE		2.50	
REPAIRS-----TRACTOR		ACRE		3.35	
EQUIPMENT		ACRE		3.60	
LABOR-----MACHINERY	2.54	HOUR	3.35	8.52	
IRRIGATION	9.00	HOUR	3.35	30.15	
EQUIPMENT	1.19	HOUR	3.35	3.99	
OTHER	17.00	HOUR	3.35	56.95	
OPERATING CAPITAL	257.00	DOL.	0.150	38.55	
SUBTOTAL, PREHARVEST		ACRE		\$ 631.13	\$
HARVEST COSTS					
HARVEST	400.00	BAGS	1.30	520.00	
PACK&CONT	400.00	BAGS	1.75	700.00	
DRYING	400.00	BAGS	0.25	100.00	
MKT-VEGETABLES	400.00	CRTN	0.40	160.00	
SUBTOTAL, HARVEST		ACRE		\$ 1480.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 2111.13	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 5.28/BAGS ONIONS		
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -299.13	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		31.69	
EQUIPMENT		ACRE		16.68	
LAND-CASH RENT	1.00	ACRE	90.00	90.00	
TOTAL FIXED COSTS		ACRE		\$ 138.37	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 2249.50	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 5.62/BAGS ONIONS		
6. NET PROJECTED RETURNS		ACRE		\$ -437.50	\$

ONIONS PACKED IN 50 POUND BAGS

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.

YELLOW ONIONS, 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	JULY	1.00	0.283	0.214	0.78	0.95	0.0	3.01	4.74
OFFSET DISC	1,38	JULY	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
OFFSET DISC	1,38	AUG	2.00	0.421	0.319	4.15	1.41	0.0	9.55	15.11
FLOAT PLANE	1,45	AUG	1.00	0.216	0.164	1.98	0.72	0.0	4.25	6.95
BEDDER 6R	2,35	SEPT	1.00	0.151	0.115	1.24	0.51	0.0	2.07	3.82
FERT.APPL,RNTD	4,59	SEPT	1.00	0.203	0.154	0.83	0.68	63.60	2.31	67.42
STANHAY PLANTR	1,58	OCT	1.00	0.310	0.235	3.79	1.04	125.00	5.59	135.42
CULTIVATOR 6R	4,44	OCT	1.00	0.207	0.157	1.05	0.69	0.0	3.24	4.98
DITCHER BLADE	5,48	OCT	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
DITCHER BLADE	5,48	NOV	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
DITCHER BLADE	5,48	DEC	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
CULTIVATOR 6R	4,44	JAN	1.00	0.207	0.157	1.05	0.69	0.0	3.24	4.98
DITCHER BLADE	5,48	JAN	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
DITCHER BLADE	5,48	FEB	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
TOTALS				2.544	1.928	20.25	8.52	188.60	44.80	262.17

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	OCT	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	NOV	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	DEC	12.00	3.000	0.0	0.0	10.05	12.00	0.0	22.05
WATER APPLICATION	JAN	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	FEB	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
TOTALS		36.00	9.000	0.0	0.0	30.15	36.00	0.0	66.15

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 ONIONS
(DOLLARS)

		3.62	4.08	4.53	4.98	5.44
BAGS						
QUANTITY OF ONIONS	320.00	-655.45	-510.49	-365.53	-220.57	-75.61
	360.00	-658.49	-495.41	-332.33	-169.25	-6.17
	400.00	-661.53	-480.33	-299.13	-117.93	63.27
	440.00	-664.57	-465.25	-265.93	-66.61	132.71
	480.00	-667.61	-450.17	-232.73	-15.29	202.15

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

FRESH SPRING TOMATOES, 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					
TOMATOES	165.00	CRTN	9.42	1554.30	
TOTAL PROJECTED RETURNS				\$ 1554.30	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*TOMATO SEED	2.00	LB.	25.00	50.00	
*NITROGEN (DRY)	60.00	LB.	0.35	21.00	
*PHOSPHATE	80.00	LB.	0.27	21.60	
*HERBICIDE	1.00	ACRE	35.75	35.75	
*INSECTICIDE	8.00	APPL	5.50	44.00	
*FUNGICIDE	5.00	APPL	4.50	22.50	
PESTICIDE APPL.	9.00	APPL	3.50	31.50	
*IRRIG. WATER	4.00	APPL	6.00	24.00	
IRRIGATION WATER	24.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		19.56	
EQUIPMENT		ACRE		2.50	
REPAIRS-----TRACTOR		ACRE		5.00	
EQUIPMENT		ACRE		4.44	
LABOR-----MACHINERY	3.07	HOURL	3.35	10.28	
IRRIGATION	6.00	HOURL	3.35	20.10	
EQUIPMENT	1.19	HOURL	3.35	3.99	
OTHER	10.00	HOURL	3.35	33.50	
OPERATING CAPITAL	61.18	DOL.	0.150	9.18	
SUBTOTAL, PREHARVEST		ACRE		\$ 358.90	\$
HARVEST COSTS					
HARVEST	165.00	CRTN	1.30	214.50	
PACK&CONT	165.00	CRTN	2.00	330.00	
MKT-VEGETABLES	165.00	CRTN	0.40	66.00	
FOLFEED	1.00	ACRE	1.10	1.10	
SUBTOTAL, HARVEST		ACRE		\$ 611.60	\$
TOTAL VARIABLE COSTS		ACRE		\$ 970.50	\$
BREAK-EVEN PRICE, VARIABLE COSTS				\$ 5.88/CRTN TOMATOES	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 583.80	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		41.71	
EQUIPMENT		ACRE		18.33	
LAND-CASH RENT	1.00	ACRE	90.00	90.00	
TOTAL FIXED COSTS		ACRE		\$ 150.04	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 1120.54	\$
BREAK-EVEN PRICE, TOTAL COSTS				\$ 6.79/CRTN TOMATOES	
6. NET PROJECTED RETURNS		ACRE		\$ 433.76	\$
SOLD IN 40 POUND CARTONS.					

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FRESH SPRING TOMATOES, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
WTR TANK&TRALR	6,49	JULY	1.00	0.440	0.333	6.25	1.47	0.0	9.62	17.35
OFFSET DISC	1,38	JULY	1.00	0.210	0.159	2.08	0.70	0.0	4.78	7.56
MOLDBOARD PLOW	1,31	AUG	0.50	0.226	0.171	2.42	0.76	0.0	4.78	7.96
CHISEL PLOW	1,33	AUG	0.50	0.084	0.064	0.83	0.28	0.0	1.66	2.77
OFFSET DISC	1,38	SEPT	2.00	0.421	0.319	4.15	1.41	0.0	9.55	15.11
FLOAT PLANE	1,45	SEPT	1.00	0.216	0.164	1.98	0.72	0.0	4.25	6.95
BEDDER 6R	2,35	OCT	1.00	0.151	0.115	1.24	0.51	0.0	2.07	3.82
RLNG CULT 6R	4,34	NOV	1.00	0.194	0.147	1.09	0.65	0.0	3.00	4.74
FERT.APPL,RNTD	4,59	DEC	1.00	0.203	0.154	0.83	0.68	42.60	2.31	46.42
HERB SPRAYR 6R	2,47	DEC	1.00	0.209	0.159	1.69	0.70	35.75	2.66	40.80
DITCHER BLADE	5,48	DEC	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
STANHAY PLANTR	1,58	JAN	1.00	0.310	0.235	3.79	1.04	50.00	5.59	60.42
RLNG CULT 6R	4,34	JAN	1.00	0.194	0.147	1.09	0.65	0.0	3.00	4.74
DITCHER BLADE	5,48	MAR	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
RLNG CULT 6R	4,34	MAY	1.00	0.194	0.147	1.09	0.65	0.0	3.00	4.74
DITCHER BLADE	5,48	MAY	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
TOTALS				3.069	2.325	28.57	10.28	128.35	56.47	223.68

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	DEC	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	MAY	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 TOMATOES
(DOLLARS)

		7.54	8.48	9.42	10.36	11.30
QUANTITY OF TOMATOES	CRTN					
	132.00	146.36	270.70	395.04	519.39	643.73
	148.50	209.65	349.54	489.42	629.31	769.20
	165.00	272.94	428.37	583.80	739.23	894.66
	181.50	336.24	507.21	678.18	849.16	1020.13
	198.00	399.53	586.05	772.56	959.08	1145.60

CITRUS ESTABLISHMENT, 1ST YEAR, IRRIGATED, TEXAS RIO GRANDE VALLEY
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
TOTAL PROJECTED RETURNS				\$ 0.0	\$ _____
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
NITROGEN (DRY)	15.00	LB.	0.35	5.25	_____
HERBICIDE	1.00	ACRE	27.00	27.00	_____
GRAPEFRUIT TREE	116.00	TREE	4.00	464.00	_____
TREE WRAP	116.00	TREE	0.65	75.40	_____
*IRRIG. WATER	8.00	APPL	6.00	48.00	_____
IRRIGATION WATER	48.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		8.49	_____
EQUIPMENT		ACRE		2.06	_____
REPAIRS-----TRACTOR		ACRE		2.58	_____
EQUIPMENT		ACRE		2.09	_____
LABOR-----MACHINERY	1.47	HOUR	3.35	4.93	_____
IRRIGATION	12.00	HOUR	3.35	40.20	_____
EQUIPMENT	0.98	HOUR	3.35	3.28	_____
OTHER	20.00	HOUR	3.35	67.00	_____
OPERATING CAPITAL	232.74	DOL.	0.150	34.91	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 785.20	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 785.20	\$ _____
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -785.20	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		15.63	_____
EQUIPMENT		ACRE		15.24	_____
LAND-CASH RENT	1.00	ACRE	105.00	105.00	_____
TOTAL FIXED COSTS		ACRE		\$ 135.87	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 921.07	\$ _____
6. NET PROJECTED RETURNS		ACRE		\$ -921.07	\$ _____
CUSTOM LAND PREPARED					

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CITRUS ESTABLISHMENT, 1ST YEAR, 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
OFFSET DISC	2,38	SEPT	4.00	0.841	0.637	7.32	2.82	0.0	15.96	26.10
OFFSET DISC	2,38	OCT	3.00	0.631	0.478	5.49	2.11	0.0	11.97	19.57
TOTALS				1.472	1.115	12.82	4.93	0.0	27.93	45.67

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	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
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
WATER APPLICATION	SEPT	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
WATER APPLICATION	OCT	6.00	1.500	0.0	0.0	5.03	6.00	0.0	11.03
TOTALS		48.00	12.000	0.0	0.0	40.20	48.00	0.0	88.20

CITRUS ESTABLISHMENT, 2ND YEAR, IRRIGATED, TEXAS RIO GRANDE VALLEY
 1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
TOTAL PROJECTED RETURNS			\$	0.0	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
NITROGEN (DRY)	30.00	LB.	0.35	10.50	
*HERBICIDE	3.00	APPL	53.00	159.00	
*INSECTICIDE	3.00	APPL	60.00	180.00	
*IRRIG. WATER	5.00	APPL	6.00	30.00	
TREE REPLACEMNT	1.00	TREE	5.00	5.00	
INSECT. APPL.	3.00	APPL	20.00	60.00	
IRRIGATION WATER	30.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		10.63	
EQUIPMENT		ACRE		2.06	
REPAIRS-----TRACTOR		ACRE		2.72	
EQUIPMENT		ACRE		5.54	
LABOR-----MACHINERY	3.52	HOUR	3.35	11.80	
IRRIGATION	7.50	HOUR	3.35	25.13	
EQUIPMENT	0.98	HOUR	3.35	3.28	
OTHER	10.00	HOUR	3.35	33.50	
OPERATING CAPITAL	229.68	DOL.	0.150	34.45	
SUBTOTAL, PREHARVEST		ACRE	\$	573.61	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE	\$	0.0	\$
TOTAL VARIABLE COSTS		ACRE	\$	573.61	\$
3. INCOME ABOVE VARIABLE COSTS		ACRE	\$	-573.61	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		27.23	
EQUIPMENT		ACRE		28.32	
LAND-CASH RENT	1.00	ACRE	105.00	105.00	
PRORATED ESTABL	921.07	DOL.	0.10	92.11	
TOTAL FIXED COSTS		ACRE	\$	252.65	\$
5. TOTAL PROJECTED COSTS		ACRE	\$	826.26	\$
6. NET PROJECTED RETURNS		ACRE	\$	-826.26	\$

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CITRUS ESTABLISHMENT, 2ND YEAR, 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
BORDER DISC	5,53	FEB	1.00	0.486	0.368	1.12	1.63	0.0	3.87	6.61
OFFSET DISC	2,38	MAR	1.00	0.210	0.159	1.83	0.70	0.0	3.99	6.52
BORDER DISC	5,53	MAR	1.00	0.486	0.368	1.12	1.63	0.0	3.87	6.61
DITCHER BLADE	5,48	MAR	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
ORCH SPRAYR	5,51	APR	1.00	0.168	0.127	1.62	0.56	53.00	5.62	60.80
OFFSET DISC	2,38	MAY	1.00	0.210	0.159	1.83	0.70	0.0	3.99	6.52
DITCHER BLADE	5,48	MAY	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
OFFSET DISC	2,38	JULY	1.00	0.210	0.159	1.83	0.70	0.0	3.99	6.52
DITCHER BLADE	5,48	JULY	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
ORCH SPRAYR	5,51	JULY	1.00	0.168	0.127	1.62	0.56	53.00	5.62	60.80
OFFSET DISC	2,38	SEPT	1.00	0.210	0.159	1.83	0.70	0.0	3.99	6.52
BORDER DISC	5,53	SEPT	1.00	0.486	0.368	1.12	1.63	0.0	3.87	6.61
DITCHER BLADE	5,48	SEPT	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
ORCH SPRAYR	5,51	OCT	1.00	0.168	0.127	1.62	0.56	53.00	5.62	60.80
OFFSET DISC	2,38	NOV	1.00	0.210	0.159	1.83	0.70	0.0	3.99	6.52
BORDER DISC	5,53	NOV	1.00	0.486	0.368	1.12	1.63	0.0	3.87	6.61
DITCHER BLADE	5,48	NOV	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.09
TOTALS				3.523	2.669	18.54	11.80	159.00	52.60	241.94

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
WATER APPLICATION	NOV	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

GRAPEFRUIT ESTABLISHMENT, 3RD YEAR, IRRIGATED, TEXAS RIO GRANDE VALLEY
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
GRAPEFRUIT	2.00	TON	70.00	140.00	
TOTAL PROJECTED RETURNS				\$ 140.00	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
NITROGEN (DRY)	58.00	LB.	0.35	20.30	
*HERBICIDE	3.00	APPL	53.00	159.00	
*INSECTICIDE	3.00	APPL	60.00	180.00	
TREE REPLACEMENT	1.00	TREE	5.00	5.00	
*IRRIG. WATER	5.00	APPL	6.00	30.00	
INSECT. APPL.	3.00	APPL	20.00	60.00	
IRRIGATION WATER	30.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		17.09	
EQUIPMENT		ACRE		2.06	
REPAIRS-----TRACTOR		ACRE		3.96	
EQUIPMENT		ACRE		6.79	
LABOR-----MACHINERY	7.02	HOUR	3.35	23.52	
IRRIGATION	7.50	HOUR	3.35	25.13	
EQUIPMENT	0.98	HOUR	3.35	3.28	
OTHER	6.00	HOUR	3.35	20.10	
OPERATING CAPITAL	238.16	DOL.	0.150	35.72	
SUBTOTAL, PREHARVEST		ACRE		\$ 591.95	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$
TOTAL VARIABLE COSTS		ACRE		\$ 591.95	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$295.98/TON	GRAPEFRUIT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -451.95	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		49.96	
EQUIPMENT		ACRE		33.43	
LAND-CASH RENT	1.00		105.00	105.00	
PRORATED ESTABL	1747.33	DOL.	0.10	174.73	
TOTAL FIXED COSTS		ACRE		\$ 363.12	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 955.07	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$477.54/TON	GRAPEFRUIT	
6. NET PROJECTED RETURNS		ACRE		\$ -815.07	\$
CROP SOLD ON TREES.					

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