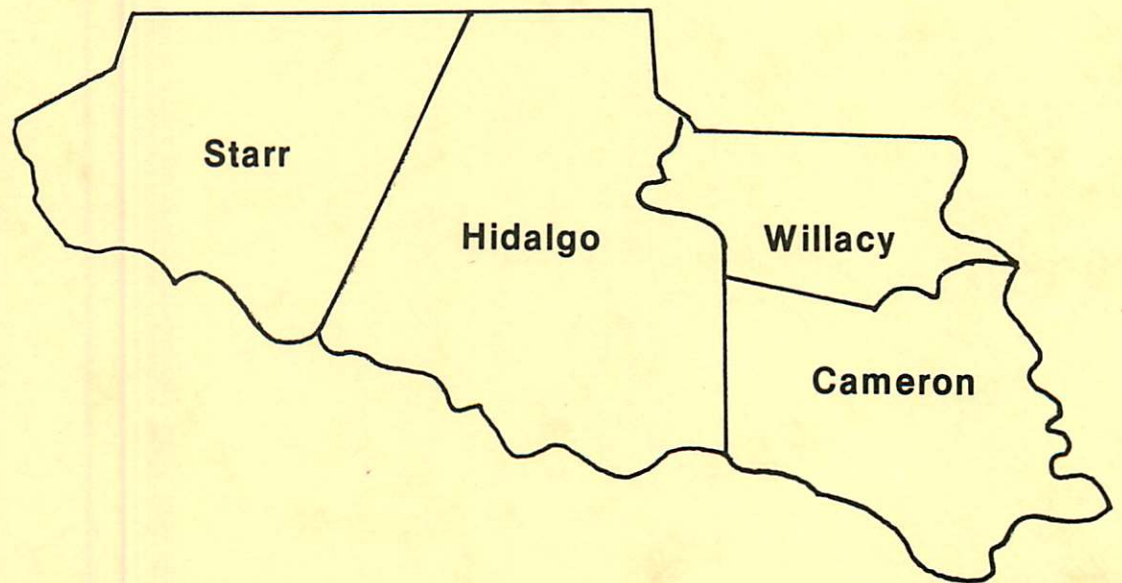
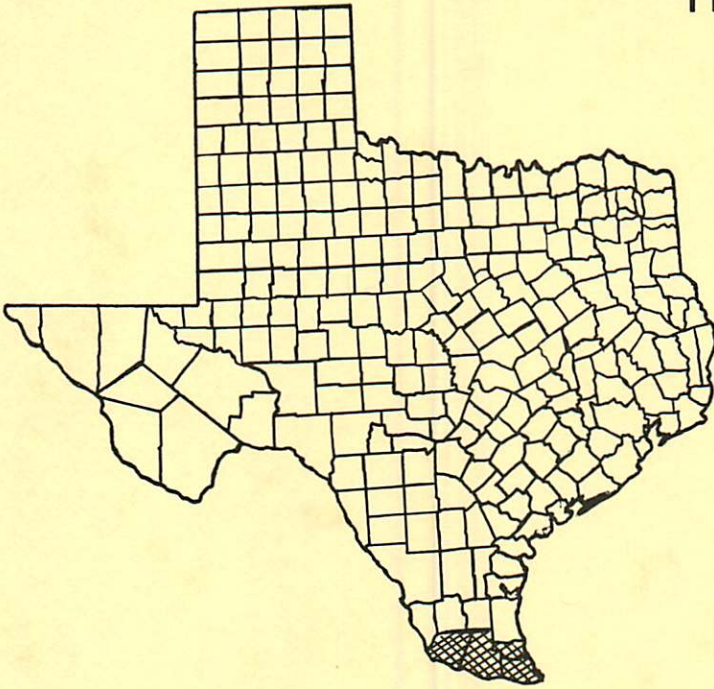


TEXAS RIO GRANDE VALLEY

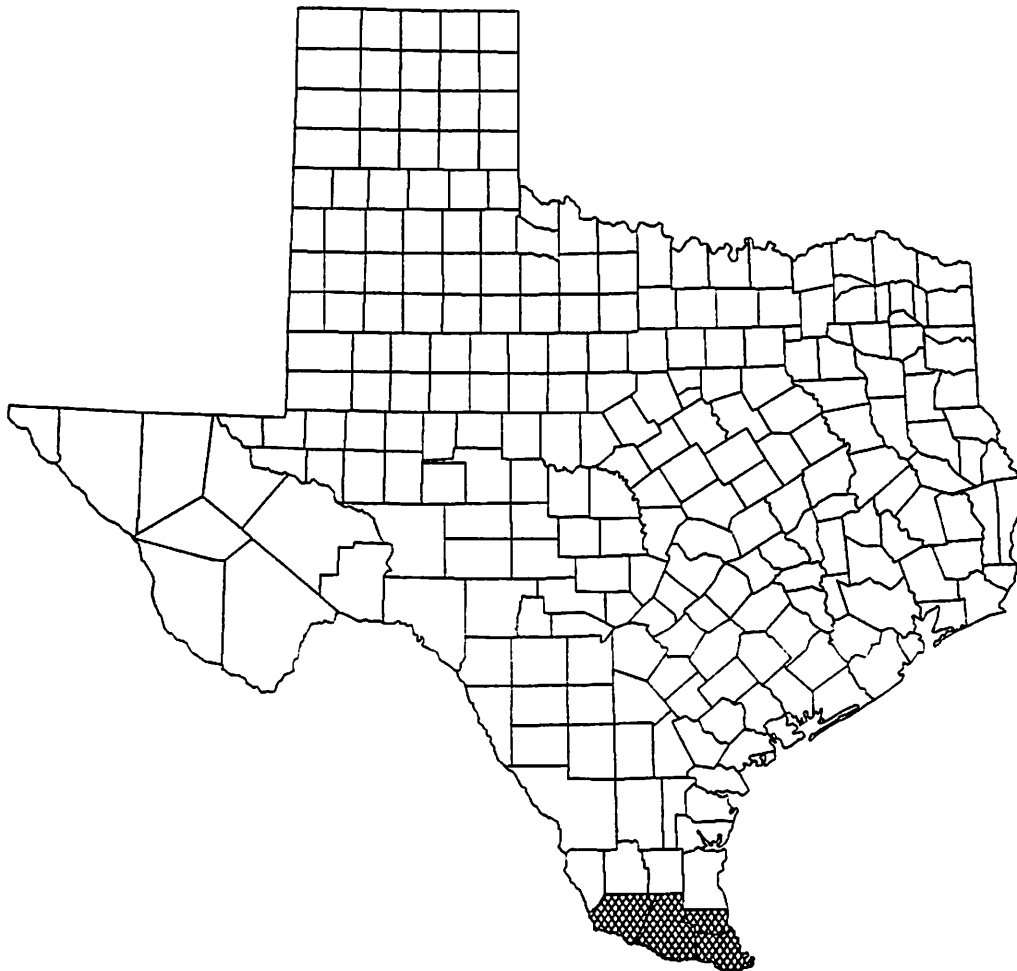
SOIL RESOURCE AREA 19



TEXAS CROP ENTERPRISE BUDGETS

TEXAS RIO GRANDE VALLEY REGION

Projected for 1985



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COTTON, DRYLAND, TEXAS RIO GRANDE VALLEY REGION
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
COTTON LINT	400.00	LB.	0.63	252.00	_____
COTTONSEED	0.32	TON	100.00	32.00	_____
DEFICIENCY PMT.	400.00	LB.	0.19	76.00	_____
TOTAL PROJECTED RETURNS				\$ 360.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SEED COTTON	18.00	LB.	0.60	10.80	_____
*NITROGEN (DRY)	30.00	LB.	0.25	7.50	_____
*PHOSPHATE	30.00	LB.	0.25	7.50	_____
*HERBICIDE	1.00	ACRE	12.95	12.95	_____
*INSECTICIDE	4.00	APPL	7.53	30.12	_____
PESTICIDE APPL.	4.00	APPL	3.50	14.00	_____
FUEL & LUBE--TRACTOR		ACRE		12.65	_____
EQUIPMENT		ACRE		2.75	_____
REPAIRS-----TRACTOR		ACRE		6.80	_____
EQUIPMENT		ACRE		5.00	_____
LABOR-----MACHINERY	2.31	HOUR	4.50	10.38	_____
EQUIPMENT	1.19	HOUR	4.50	5.35	_____
OTHER	1.00	HOUR	4.50	4.50	_____
OPERATING CAPITAL	40.84	DOL.	0.150	6.13	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 136.42	\$ _____
HARVEST COSTS					
*DEFOLIANT	1.00	ACRE	5.50	5.50	_____
DEFOLIANT APPLI.	1.00	ACRE	3.50	3.50	_____
*GIN, BAG, TIES	0.83	BALE	30.00	24.90	_____
CUS COTTON PICK	400.00	LB.	0.12	48.00	_____
REPAIRS-----TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		0.04	_____
LABOR-----MACHINERY	0.0	HOUR	4.50	0.0	_____
EQUIPMENT	0.03	HOUR	4.50	0.13	_____
SUBTOTAL, HARVEST		ACRE		\$ 82.08	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 218.50	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.28/LB.		COTTON LINT
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 141.50	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		14.53	_____
EQUIPMENT		ACRE		18.21	_____
LAND-CASH RENT	1.00	ACRE	55.00	55.00	_____
TOTAL FIXED COSTS		ACRE		\$ 87.74	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 306.24	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.50/LB.		COTTON LINT
6. NET PROJECTED RETURNS		ACRE		\$ 53.76	\$ _____

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

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901 COTTON, DRYLAND, 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	4,46	SEPT	1.00	0.283	0.214	1.77	1.27	0.0	2.89	5.93
MOLDBOARD PLOW	2,30	SEPT	0.50	0.285	0.216	2.96	1.28	0.0	3.94	8.18
CHISEL PLOW	2,32	SEPT	0.50	0.101	0.076	1.06	0.45	0.0	0.83	2.35
OFFSET DISC	2,38	SEPT	1.00	0.210	0.159	2.37	0.95	0.0	2.27	5.59
OFFSET DISC	2,38	OCT	1.00	0.210	0.159	2.37	0.95	0.0	2.27	5.59
BEDDER 6R	2,35	NOV	1.00	0.151	0.115	1.61	0.68	0.0	1.27	3.56
FERT. APPL. RNTD	2,59	JAN	1.00	0.203	0.154	1.82	0.91	15.00	1.37	19.10
HERB SPRAYR 6R	47	JAN	1.25	0.0	0.198	0.28	0.0	12.95	0.30	13.53
RLNG CULT 6R	2,34	FEB	1.00	0.194	0.147	2.16	0.88	0.0	1.53	4.57
PLANTER 6R	2,36	FEB	1.25	0.252	0.191	3.24	1.13	10.80	2.91	18.08
CULTIVATOR 6R	2,44	MAR	1.00	0.207	0.157	2.19	0.93	0.0	1.71	4.84
CULTIVATOR 6R	2,44	MAY	1.00	0.207	0.157	2.19	0.93	0.0	1.71	4.84
TOTALS				2.306	1.945	24.02	10.38	38.75	23.00	96.15

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

QUANTITY OF COTTON LINT	PRICE OF COTTON LINT (DOLLARS)				
	0.50	0.57	0.63	0.69	0.76
320.00	43.76	63.92	84.08	104.24	124.40
360.00	67.43	90.11	112.79	135.47	158.15
400.00	91.10	116.30	141.50	166.70	191.90
440.00	114.77	142.49	170.21	197.93	225.65
480.00	138.44	168.68	198.92	229.16	259.40

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COTTON, 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					
COTTON LINT	650.00	LB.	0.63	409.50	_____
COTTONSEED	0.52	TON	100.00	52.00	_____
DEFICIENCY PMT.	650.00	LB.	0.19	123.50	_____
TOTAL PROJECTED RETURNS				\$ 585.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SEED COTTON	18.00	LB.	0.60	10.80	_____
*NITROGEN (DRY)	60.00	LB.	0.25	15.00	_____
*PHOSPHATE	60.00	LB.	0.25	15.00	_____
*HERBICIDE	1.00	ACRE	12.95	12.95	_____
*INSECTICIDE	6.00	APPL	7.53	45.18	_____
PESTICIDE APPL.	6.00	APPL	3.50	21.00	_____
*IRRIG. WATER	3.00	APPL	8.00	24.00	_____
IRRIGATION WATER	18.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		14.86	_____
EQUIPMENT		ACRE		2.75	_____
REPAIRS-----TRACTOR		ACRE		8.08	_____
EQUIPMENT		ACRE		5.52	_____
LABOR-----MACHINERY	2.67	HOUR	4.50	11.99	_____
IRRIGATION	4.50	HOUR	4.50	20.25	_____
EQUIPMENT	1.19	HOUR	4.50	5.35	_____
OTHER	1.00	HOUR	4.50	4.50	_____
OPERATING CAPITAL	56.15	DOL.	0.150	8.42	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 225.66	\$ _____
HARVEST COSTS					
*GIN, BAG, TIES	1.35	BALE	30.00	40.50	_____
CUS COTTON PICK	650.00	LB.	0.12	78.00	_____
REPAIRS-----TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		0.04	_____
LABOR-----MACHINERY	0.0	HOUR	4.50	0.0	_____
EQUIPMENT	0.03	HOUR	4.50	0.13	_____
SUBTOTAL, HARVEST		ACRE		\$ 118.68	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 344.34	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.26/LB.	COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 240.66	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		16.75	_____
EQUIPMENT		ACRE		17.97	_____
LAND-CASH RENT	1.00	ACRE	70.00	70.00	_____
TOTAL FIXED COSTS		ACRE		\$ 104.72	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 449.06	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.42/LB.	COTTON LINT	
6. NET PROJECTED RETURNS		ACRE		\$ 135.94	\$ _____

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902 COTTON, 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	2,46	SEPT	1.00	0.283	0.214	3.01	1.27	0.0	2.77	7.05
CHISEL PLOW	2,32	SEPT	0.50	0.101	0.076	1.06	0.45	0.0	0.83	2.35
OFFSET DISC	2,38	SEPT	1.00	0.210	0.159	2.37	0.95	0.0	2.27	5.59
OFFSET DISC	2,38	OCT	1.00	0.210	0.159	2.37	0.95	0.0	2.27	5.59
OFFSET DISC	2,38	NOV	1.00	0.210	0.159	2.37	0.95	0.0	2.27	5.59
OFFSET DISC	2,38	NOV	1.00	0.210	0.159	2.37	0.95	0.0	2.27	5.59
BEDDER 6R	2,35	DEC	1.00	0.151	0.115	1.61	0.68	0.0	1.27	3.56
HERB SPRAYR 6R	4,47	JAN	1.00	0.209	0.159	1.19	0.94	12.95	1.63	16.71
FERT.APPL,RNTD	2,59	JAN	1.00	0.203	0.154	1.82	0.91	30.00	1.37	34.10
RLNG CULT 6R	2,34	FEB	1.00	0.194	0.147	2.16	0.88	0.0	1.53	4.57
PLANTER 6R	2,36	FEB	1.25	0.252	0.191	3.24	1.13	10.80	2.91	18.08
CULTIVATOR 6R	2,44	MAR	1.00	0.207	0.157	2.19	0.93	0.0	1.71	4.84
DITCHER BLADE	4,48	MAR	0.01	0.005	0.004	0.03	0.02	0.0	0.06	0.10
DITCHER BLADE	4,48	APR	0.01	0.005	0.004	0.03	0.02	0.0	0.06	0.10
CULTIVATOR 6R	2,44	MAY	1.00	0.207	0.157	2.19	0.93	0.0	1.71	4.84
DITCHER BLADE	4,48	MAY	0.01	0.005	0.004	0.03	0.02	0.0	0.06	0.10
TOTALS				2.665	2.019	28.03	11.99	53.75	24.99	118.76

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	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		18.00	4.500	0.0	0.0	20.25	24.00	0.0	44.25

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)				
		0.50	0.57	0.63	0.69	0.76
QUANTITY OF COTTON LINT	LB.					
	520.00	81.84	114.60	147.36	180.12	212.88
	585.00	120.30	157.16	194.01	230.87	267.72
	650.00	158.76	199.71	240.66	281.61	322.56
	715.00	197.22	242.27	287.31	332.36	377.40
	780.00	235.68	284.82	333.96	383.10	432.24

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GRAIN SORGHUM, DRYLAND, TEXAS RIO GRANDE VALLEY REGION
 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	_____
*NITROGEN (DRY)	30.00	LB.	0.25	7.50	_____
*INSECTICIDE	2.00	APPL	1.80	3.60	_____
PESTICIDE APPL.	2.00	APPL	3.50	7.00	_____
FUEL & LUBE--TRACTOR		ACRE		11.11	_____
EQUIPMENT		ACRE		2.75	_____
REPAIRS-----TRACTOR		ACRE		5.62	_____
EQUIPMENT		ACRE		4.56	_____
LABOR-----MACHINERY	2.20	HR	4.50	9.92	_____
EQUIPMENT	1.19	HR	4.50	5.35	_____
OPERATING CAPITAL	15.73	DOL.	0.150	2.36	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 63.97	\$ _____
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		\$ 80.77	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 2.06/CWT.	GRAIN SORGHUM	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 70.43	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		14.08	_____
EQUIPMENT		ACRE		11.89	_____
LAND-CASH RENT	1.00	ACRE	40.00	40.00	_____
TOTAL FIXED COSTS		ACRE		\$ 65.97	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 146.74	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 4.42/CWT.	GRAIN SORGHUM	
6. NET PROJECTED RETURNS		ACRE		\$ 4.46	\$ _____

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PROJECTIONS FOR PLANNING PURPOSES ONLY
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B-1241(C19)

903 GRAIN SORGHUM, DRYLAND, 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	4,46	AUG	1.00	0.283	0.214	1.77	1.27	0.0	2.89	5.93
MOLDBOARD PLOW	2,30	AUG	0.50	0.285	0.216	2.96	1.28	0.0	3.94	8.18
OFFSET DISC	2,38	AUG	1.00	0.210	0.159	2.37	0.95	0.0	2.27	5.59
OFFSET DISC	2,38	OCT	1.00	0.210	0.159	2.37	0.95	0.0	2.27	5.59
BEDDER 6R	2,35	DEC	1.00	0.151	0.115	1.61	0.68	0.0	1.27	3.56
FERT. APPL, RNTD	2,59	JAN	1.00	0.203	0.154	1.82	0.91	7.50	1.37	11.60
RLNG CULT 6R	2,34	FEB	1.00	0.194	0.147	2.16	0.88	0.0	1.53	4.57
PLANTER 6R	2,36	FEB	1.25	0.252	0.191	3.24	1.13	4.20	2.91	11.48
CULTIVATOR 6R	4,44	MAR	1.00	0.207	0.157	1.28	0.93	0.0	1.80	4.01
CULTIVATOR 6R	4,44	MAY	1.00	0.207	0.157	1.28	0.93	0.0	1.80	4.01
TOTALS				2.205	1.670	20.86	9.92	11.70	22.05	64.53

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	PRICE OF GRAIN SORGHUM (DOLLARS)				
	3.66	4.12	4.58	5.04	5.50
CWT.					
22.40	23.03	33.29	43.55	53.81	64.07
25.20	33.91	45.45	56.99	68.53	80.07
28.00	44.78	57.61	70.43	83.25	96.08
30.80	55.66	69.76	83.87	97.98	112.08
33.60	66.53	81.92	97.31	112.70	128.09

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**GRAIN SORGHUM, 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					
GRAIN SORGHUM	50.00	CWT.	4.58	229.00	_____
DEFICIENCY PMT.	50.00	CWT.	0.82	41.00	_____
TOTAL PROJECTED RETURNS				\$ 270.00	\$ _____
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*GRAIN SORG. SEED	8.00	LB.	0.70	5.60	_____
*NITROGEN (DRY)	120.00	LB.	0.25	30.00	_____
*PHOSPHATE	60.00	LB.	0.25	15.00	_____
HERBICIDE	1.00	APPL	4.00	4.00	_____
*INSECTICIDE	7.00	APPL	1.80	12.60	_____
PESTICIDE APPL.	7.00	APPL	3.50	24.50	_____
*IRRIG. WATER	3.00	APPL	8.00	24.00	_____
IRRIGATION WATER	18.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		15.04	_____
EQUIPMENT		ACRE		2.75	_____
REPAIRS-----TRACTOR		ACRE		8.12	_____
EQUIPMENT		ACRE		5.62	_____
LABOR-----MACHINERY	2.73	HOUR	4.50	12.26	_____
IRRIGATION	4.50	HOUR	4.50	20.25	_____
EQUIPMENT	1.19	HOUR	4.50	5.35	_____
OPERATING CAPITAL	55.62	DOL.	0.150	8.34	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 193.44	\$ _____
HARVEST COSTS					
CUS HARV SORG D	50.00	CWT.	0.40	20.00	_____
HAUL GRAIN SORG	50.00	CWT.	0.20	10.00	_____
SUBTOTAL, HARVEST		ACRE		\$ 30.00	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 223.44	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 3.65/CWT.		GRAIN SORGHUM
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 46.56	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		17.16	_____
EQUIPMENT		ACRE		13.43	_____
LAND-CASH RENT	1.00	ACRE	50.00	50.00	_____
TOTAL FIXED COSTS		ACRE		\$ 80.59	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 304.03	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 5.26/CWT.		GRAIN SORGHUM
6. NET PROJECTED RETURNS		ACRE		\$ -34.03	\$ _____

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904 GRAIN SORGHUM, 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	4,46	AUG	1.00	0.283	0.214	1.77	1.27	0.0	2.89	5.93
OFFSET DISC	2,38	AUG	1.00	0.210	0.159	2.37	0.95	0.0	2.27	5.59
MOLDBOARD PLOW	2,30	AUG	0.50	0.285	0.216	2.96	1.28	0.0	3.94	8.18
CHISEL PLOW	2,32	AUG	0.50	0.101	0.076	1.06	0.45	0.0	0.83	2.35
OFFSET DISC	2,38	SEPT	2.00	0.421	0.319	4.74	1.89	0.0	4.54	11.17
BEDDER 6R	2,35	DEC	1.00	0.151	0.115	1.61	0.68	0.0	1.27	3.56
FERT.APPL,RNTD	2,59	JAN	1.00	0.203	0.154	1.82	0.91	45.00	1.37	49.10
RLNG CULT 6R	2,34	JAN	1.00	0.194	0.147	2.16	0.88	0.0	1.53	4.57
RLNG CULT 6R	2,34	FEB	1.00	0.194	0.147	2.16	0.88	0.0	1.53	4.57
PLANTER 6R	2,36	FEB	1.25	0.252	0.191	3.24	1.13	5.60	2.91	12.88
CULTIVATOR 6R	2,44	MAR	1.00	0.207	0.157	2.19	0.93	0.0	1.71	4.84
DITCHER BLADE	4,48	MAR	0.01	0.005	0.004	0.03	0.02	0.0	0.06	0.10
CULTIVATOR 6R	2,44	APR	1.00	0.207	0.157	2.19	0.93	0.0	1.71	4.84
DITCHER BLADE	4,48	APR	0.01	0.005	0.004	0.03	0.02	0.0	0.06	0.10
DITCHER BLADE	4,48	MAY	0.01	0.005	0.004	0.03	0.02	0.0	0.06	0.10
TOTALS				2.725	2.065	28.35	12.26	50.60	26.68	117.89

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	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		18.00	4.500	0.0	0.0	20.25	24.00	0.0	44.25

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	PRICE OF GRAIN SORGHUM (DOLLARS)				
	3.66	4.12	4.58	5.04	5.50
40.00	-38.08	-19.76	-1.44	16.88	35.20
45.00	-18.66	1.95	22.56	43.17	63.78
50.00	0.76	23.66	46.56	69.46	92.36
55.00	20.18	45.37	70.56	95.75	120.94
60.00	39.60	67.08	94.56	122.04	149.52

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

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**LETTUCE, 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					
LETTUCE	350.00	CRTN	4.64	1624.00	_____
TOTAL PROJECTED RETURNS				\$ 1624.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*LETTUCE SEED	1.00	LB.	20.00	20.00	_____
*NITROGEN (DRY)	180.00	LB.	0.25	45.00	_____
*PHOSPHATE	80.00	LB.	0.25	20.00	_____
*HERBICIDE	1.00	ACRE	17.60	17.60	_____
*INSECTICIDE	15.00	APPL	6.12	91.80	_____
*FUNGICIDE	10.00	APPL	4.63	46.30	_____
PESTICIDE APPL.	16.00	APPL	3.50	56.00	_____
*IRRIG. WATER	8.00	APPL	8.00	64.00	_____
IRRIGATION WATER	48.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		16.56	_____
EQUIPMENT		ACRE		2.75	_____
REPAIRS-----TRACTOR		ACRE		7.64	_____
EQUIPMENT		ACRE		6.50	_____
LABOR-----MACHINERY	3.15	HOUR	4.50	14.19	_____
IRRIGATION	12.00	HOUR	4.50	54.00	_____
EQUIPMENT	1.19	HOUR	4.50	5.35	_____
OTHER	35.00	HOUR	4.50	157.50	_____
OPERATING CAPITAL	52.23	DOL.	0.150	7.84	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 633.03	\$ _____
HARVEST COSTS					
HARVEST	350.00	CRTN	1.00	350.00	_____
PACK & CONT	350.00	CRTN	1.00	350.00	_____
MKT-VEGETABLES	350.00	CRTN	0.40	140.00	_____
SUBTOTAL, HARVEST		ACRE		\$ 840.00	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 1473.03	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 4.21/CRTN		LETTUCE
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 150.97	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		22.01	_____
EQUIPMENT		ACRE		11.59	_____
LAND-CASH RENT	1.00	ACRE	90.00	90.00	_____
TOTAL FIXED COSTS		ACRE		\$ 123.60	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 1596.63	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 4.56/CRTN		LETTUCE
6. NET PROJECTED RETURNS		ACRE		\$ 27.37	\$ _____

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.

907 LETTUCE, 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	JUNE	1.00	0.283	0.214	1.18	1.27	0.0	2.11	4.56
OFFSET DISC	1,38	JUNE	1.00	0.210	0.159	2.62	0.95	0.0	2.72	6.28
OFFSET DISC	1,38	JULY	1.00	0.210	0.159	2.62	0.95	0.0	2.72	6.28
MOLDBOARD PLOW	1,31	JULY	0.50	0.226	0.171	2.94	1.02	0.0	2.74	6.70
CHISEL PLOW	1,33	JULY	0.50	0.084	0.064	1.00	0.38	0.0	0.89	2.27
FLOAT PLANE	1,45	JULY	1.00	0.216	0.164	2.41	0.97	0.0	2.52	5.90
BEDDER 6R	2,35	SEPT	1.00	0.151	0.115	1.61	0.68	0.0	1.27	3.56
HERB SPRAYR 6R	2,47	SEPT	1.00	0.209	0.159	2.10	0.94	17.60	1.55	22.19
FERT.APPL,RNTD	4,59	SEPT	1.00	0.203	0.154	0.93	0.91	45.00	1.45	48.30
STANHAY PLANTR	1,58	SEPT	1.00	0.310	0.235	5.62	1.40	20.00	3.71	30.73
DITCHER BLADE	5,48	SEPT	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
FERT.APPL,RNTD	4,59	OCT	1.00	0.203	0.154	0.93	0.91	7.50	1.45	10.80
CULTIVATOR 6R	2,44	OCT	1.00	0.207	0.157	2.19	0.93	0.0	1.71	4.84
DITCHER BLADE	5,48	OCT	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
FERT.APPL,RNTD	4,59	NOV	1.00	0.203	0.154	0.93	0.91	6.25	1.45	9.55
CULTIVATOR 6R	2,44	NOV	1.00	0.207	0.157	2.19	0.93	0.0	1.71	4.84
DITCHER BLADE	5,48	NOV	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
FERT.APPL,RNTD	4,59	DEC	1.00	0.203	0.154	0.93	0.91	6.25	1.45	9.55
DITCHER BLADE	5,48	DEC	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
DITCHER BLADE	5,48	JAN	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
TOTALS				3.153	2.389	30.28	14.19	102.60	29.68	176.75

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	13.50	16.00	0.0	29.50
WATER APPLICATION	OCT	12.00	3.000	0.0	0.0	13.50	16.00	0.0	29.50
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	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 LETTUCE	PRICE OF LETTUCE (DOLLARS)				
	3.71	4.18	4.64	5.10	5.57
CRTN					
280.00	-265.67	-135.75	-5.83	124.09	254.01
315.00	-219.75	-73.59	72.57	218.73	364.89
350.00	-173.83	-11.43	150.97	313.37	475.77
385.00	-127.91	50.73	229.37	408.01	586.65
420.00	-81.99	112.89	307.77	502.65	697.53

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
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
LETTUCE	350.00	CRTN	3.71	1298.50	_____
TOTAL PROJECTED RETURNS				\$ 1298.50	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*LETTUCE SEED	1.00	LB.	20.00	20.00	_____
*NITROGEN (DRY)	180.00	LB.	0.27	48.60	_____
*PHOSPHATE	80.00	LB.	0.25	20.00	_____
*HERBICIDE	1.00	ACRE	16.00	16.00	_____
*INSECTICIDE	15.00	APPL	6.00	90.00	_____
*FUNGICIDE	10.00	APPL	4.06	40.60	_____
PESTICIDE APPL.	16.00	APPL	4.50	72.00	_____
*IRRIG. WATER	8.00	APPL	15.00	120.00	_____
IRRIGATION WATER	48.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		16.56	_____
EQUIPMENT		ACRE		2.75	_____
REPAIRS-----TRACTOR		ACRE		4.73	_____
EQUIPMENT		ACRE		3.46	_____
LABOR-----MACHINERY	3.15	HOOR	4.50	14.19	_____
IRRIGATION	12.00	HOOR	4.50	54.00	_____
EQUIPMENT	1.19	HOOR	4.50	5.35	_____
OTHER	35.00	HOOR	4.50	157.50	_____
OPERATING CAPITAL	104.16	DOL.	0.130	13.54	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 699.29	\$ _____
HARVEST COSTS					
HARVEST	350.00	CRTN	1.00	350.00	_____
PACK & CONT	350.00	CRTN	1.35	472.50	_____
MKT-VEGETABLES	350.00	CRTN	0.40	140.00	_____
SUBTOTAL, HARVEST		ACRE		\$ 962.50	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 1661.79	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 4.75/CRTN	LETTUCE	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -363.29	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		38.25	_____
EQUIPMENT		ACRE		14.03	_____
LAND-CASH RENT	1.00	ACRE	90.00	90.00	_____
TOTAL FIXED COSTS		ACRE		\$ 142.28	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 1804.06	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 5.15/CRTN	LETTUCE	
6. NET PROJECTED RETURNS		ACRE		\$ -505.56	\$ _____

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
1984 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
SHREDDER 4R	5,46	JUNE	1.00	0.283	0.214	0.80	1.27	0.0	3.04	5.11
OFFSET DISC	1,38	JUNE	1.00	0.210	0.159	2.12	0.95	0.0	4.66	7.73
OFFSET DISC	1,38	JULY	1.00	0.210	0.159	2.12	0.95	0.0	4.66	7.73
MOLDBOARD PLOW	1,31	JULY	0.50	0.226	0.171	2.48	1.02	0.0	4.68	8.17
CHISEL PLOW	1,33	JULY	0.50	0.084	0.064	0.85	0.38	0.0	1.63	2.86
FLOAT PLANE	1,45	JULY	1.00	0.216	0.164	2.03	0.97	0.0	4.18	7.18
BEDDER 6R	2,35	SEPT	1.00	0.151	0.115	1.27	0.68	0.0	2.02	3.97
HERB SPRAYR 6R	2,47	SEPT	1.00	0.209	0.159	1.73	0.94	16.00	2.61	21.28
FERT.APPL,RNTD	4,59	SEPT	1.00	0.203	0.154	0.85	0.91	47.00	2.41	51.18
STANHAY PLANTR	1,58	SEPT	1.00	0.310	0.235	3.87	1.40	20.00	5.54	30.80
DITCHER BLADE	5,48	SEPT	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
FERT.APPL,RNTD	4,59	OCT	1.00	0.203	0.154	0.85	0.91	8.10	2.41	12.28
CULTIVATOR 6R	2,44	OCT	1.00	0.207	0.157	1.80	0.93	0.0	3.00	5.73
DITCHER BLADE	5,48	OCT	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
FERT.APPL,RNTD	4,59	NOV	1.00	0.203	0.154	0.85	0.91	6.75	2.41	10.93
CULTIVATOR 6R	2,44	NOV	1.00	0.207	0.157	1.80	0.93	0.0	3.00	5.73
DITCHER BLADE	5,48	NOV	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
FERT.APPL,RNTD	4,59	DEC	1.00	0.203	0.154	0.85	0.91	6.75	2.41	10.93
DITCHER BLADE	5,48	DEC	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
DITCHER BLADE	5,48	JAN	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
TOTALS				3.153	2.389	24.33	14.19	104.60	48.97	192.09

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	SEPT	12.00	3.000	0.0	0.0	13.50	30.00	0.0	43.50
WATER APPLICATION	OCT	12.00	3.000	0.0	0.0	13.50	30.00	0.0	43.50
WATER APPLICATION	NOV	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	DEC	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	JAN	12.00	3.000	0.0	0.0	13.50	30.00	0.0	43.50
TOTALS		48.00	12.000	0.0	0.0	54.00	120.00	0.0	174.00

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF LETTUCE
(DOLLARS)

	2.97	3.34	3.71	4.08	4.45
CRTN					
280.00	-638.25	-534.37	-430.49	-326.61	-222.73
315.00	-630.62	-513.75	-396.89	-280.02	-163.16
350.00	-622.99	-493.14	-363.29	-233.44	-103.59
385.00	-615.36	-472.52	-329.69	-186.85	-44.02
420.00	-607.73	-451.91	-296.09	-140.27	15.55

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

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YELLOW ONIONS, 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					
ONIONS	400.00	BAGS	5.60	2240.00	_____
TOTAL PROJECTED RETURNS				\$ 2240.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*ONION SEED	2.50	LB.	36.00	90.00	_____
*NITROGEN (DRY)	120.00	LB.	0.25	30.00	_____
*PHOSPHATE	80.00	LB.	0.25	20.00	_____
HERBICIDE	1.00	ACRE	58.41	58.41	_____
*INSECTICIDE	4.00	APPL	4.85	19.40	_____
*FUNGICIDE	17.00	APPL	5.03	85.51	_____
PESTICIDE APPL.	17.00	APPL	3.50	59.50	_____
*IRRIG. WATER	6.00	APPL	8.00	48.00	_____
IRRIGATION WATER	36.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		13.74	_____
EQUIPMENT		ACRE		2.75	_____
REPAIRS-----TRACTOR		ACRE		6.10	_____
EQUIPMENT		ACRE		6.76	_____
LABOR-----MACHINERY	2.54	ACRE			_____
IRRIGATION	9.00	ACRE	4.50	11.45	_____
EQUIPMENT	1.19	ACRE	4.50	40.50	_____
OTHER	17.00	ACRE	4.50	5.35	_____
OPERATING CAPITAL	196.19	ACRE	4.50	76.50	_____
SUBTOTAL, PREHARVEST		ACRE	0.150	29.43	_____
HARVEST COSTS				\$ 603.40	\$ _____
HARVEST	400.00	BAGS	1.30	520.00	_____
PACK&CONT	400.00	BAGS	2.00	800.00	_____
MKT-VEGETABLES	400.00	CRTN	0.40	160.00	_____
SUBTOTAL, HARVEST		ACRE		\$ 1480.00	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 2083.40	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 5.21/BAGS		
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 156.60	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		18.57	_____
EQUIPMENT		ACRE		12.02	_____
LAND-CASH RENT	1.00	ACRE	90.00	90.00	_____
TOTAL FIXED COSTS		ACRE		\$ 120.59	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 2203.99	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 5.51/BAGS		
6. NET PROJECTED RETURNS		ACRE		\$ 36.01	\$ _____

ONIONS PACKED IN 50 POUND BAGS

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908

YELLOW ONIONS, 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	JULY	1.00	0.283	0.214	1.18	1.27	0.0	2.11	4.56
OFFSET DISC	1,38	JULY	1.00	0.210	0.159	2.62	0.95	0.0	2.72	6.28
MOLDBOARD PLOW	1,31	JULY	0.50	0.226	0.171	2.94	1.02	0.0	2.74	6.70
CHISEL PLOW	1,33	JULY	0.50	0.084	0.064	1.00	0.38	0.0	0.89	2.27
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	SEPT	1.00	0.151	0.115	1.61	0.68	0.0	1.27	3.56
FERT. APPL, RNTD	4,59	SEPT	1.00	0.203	0.154	0.93	0.91	50.00	1.45	53.30
STANHAY PLANTR	1,58	OCT	1.00	0.310	0.235	5.62	1.40	90.00	3.71	100.73
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
DITCHER BLADE	5,48	FEB	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
TOTALS				2.544	1.928	26.17	11.45	140.00	26.67	204.29

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	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	12.00	3.000	0.0	0.0	13.50	16.00	0.0	29.50
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
TOTALS		36.00	9.000	0.0	0.0	40.50	48.00	0.0	88.50

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 ONIONS	PRICE OF ONIONS (DOLLARS)				
	4.48	5.04	5.60	6.16	6.72
BAGS					
320.00	-353.80	-174.60	4.60	183.80	363.00
360.00	-322.60	-121.00	80.60	282.20	483.80
400.00	-291.40	-67.40	156.60	380.60	604.60
440.00	-260.20	-13.80	232.60	479.00	725.40
480.00	-229.00	39.80	308.60	577.40	846.20

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

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FRESH SPRING TOMATOES, 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					
TOMATOES	165.00	CRTN	7.90	1303.50	_____
TOTAL PROJECTED RETURNS				\$ 1303.50	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*TOMATO SEED	2.00	LB.	28.00	56.00	_____
*NITROGEN (DRY)	60.00	LB.	0.25	15.00	_____
*PHOSPHATE	80.00	LB.	0.25	20.00	_____
*HERBICIDE	1.00	ACRE	39.33	39.33	_____
*INSECTICIDE	8.00	APPL	5.10	40.80	_____
*FUNGICIDE	5.00	APPL	5.13	25.65	_____
PESTICIDE APPL.	9.00	APPL	3.50	31.50	_____
*IRRIG. WATER	4.00	APPL	8.00	32.00	_____
IRRIGATION WATER	24.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		19.56	_____
EQUIPMENT		ACRE		2.75	_____
REPAIRS-----TRACTOR		ACRE		9.51	_____
EQUIPMENT		ACRE		7.50	_____
LABOR-----MACHINERY	3.07	HOUR	4.50	13.81	_____
IRRIGATION	6.00	HOUR	4.50	27.00	_____
EQUIPMENT	1.19	HOUR	4.50	5.35	_____
OTHER	10.00	HOUR	4.50	45.00	_____
OPERATING CAPITAL	101.08	DOL.	0.150	15.16	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 405.93	\$ _____
HARVEST COSTS					
HARVEST	165.00	CRTN	1.30	214.50	_____
PACK & CONT	165.00	CRTN	2.70	445.50	_____
MKT-VEGETABLES	165.00	CRTN	0.40	66.00	_____
SUBTOTAL, HARVEST		ACRE		\$ 726.00	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 1131.93	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 6.86/CRTN		TOMATOES
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 171.57	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		25.20	_____
EQUIPMENT		ACRE		13.10	_____
LAND-CASH RENT	1.00	ACRE	90.00	90.00	_____
TOTAL FIXED COSTS		ACRE		\$ 128.30	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 1260.22	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 7.64/CRTN		TOMATOES
6. NET PROJECTED RETURNS		ACRE		\$ 43.27	\$ _____

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.

909 FRESH SPRING TOMATOES, 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
OFFSET DISC	1,38	JULY	1.00	0.210	0.159	2.62	0.95	0.0	2.72	6.28
MOLDBOARD PLOW	1,31	AUG	0.50	0.226	0.171	2.94	1.02	0.0	2.74	6.70
CHISEL PLOW	1,33	AUG	0.50	0.084	0.064	1.00	0.38	0.0	0.89	2.27
OFFSET DISC	1,38	SEPT	2.00	0.421	0.319	5.23	1.89	0.0	5.43	12.55
FLOAT PLANE	1,45	SEPT	1.00	0.216	0.164	2.41	0.97	0.0	2.52	5.90
BEDDER 6R	2,35	OCT	1.00	0.151	0.115	1.61	0.68	0.0	1.27	3.56
RLNG CULT 6R	4,34	NOV	1.00	0.194	0.147	1.31	0.88	0.0	1.61	3.80
FERT.APPL.,RNTD	4,59	DEC	1.00	0.203	0.154	0.93	0.91	35.00	1.45	38.30
HERB SPRAYR 6R	2,47	DEC	1.00	0.209	0.159	2.10	0.94	39.33	1.55	43.92
DITCHER BLADE	5,48	DEC	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
STANHAY PLANTR	1,58	JAN	1.00	0.310	0.235	5.62	1.40	56.00	3.71	66.73
RLNG CULT 6R	4,34	JAN	1.00	0.194	0.147	1.31	0.88	0.0	1.61	3.80
DITCHER BLADE	5,48	MAR	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
RLNG CULT 6R	4,34	MAY	1.00	0.194	0.147	1.31	0.88	0.0	1.61	3.80
DITCHER BLADE	5,48	MAY	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
TOTALS				3.069	2.325	36.14	13.81	130.33	34.38	214.67

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	DEC	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	MAY	6.00	1.500	0.0	0.0	6.75	8.00	0.0	14.75
TOTALS		24.00	6.000	0.0	0.0	27.00	32.00	0.0	59.00

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 TOMATOES	PRICE OF TOMATOES (DOLLARS)				
	6.32	7.11	7.90	8.69	9.48
CRTN					
132.00	-152.49	-48.21	56.07	160.35	264.63
148.50	-120.81	-3.49	113.82	231.14	348.45
165.00	-89.13	41.22	171.57	301.92	432.27
181.50	-57.45	85.94	229.32	372.71	516.09
198.00	-25.77	130.65	287.07	443.49	599.91

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

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CITRUS ESTABLISHMENT, 1ST YEAR, IRRIGATED, TEXAS RIO GRANDE VALLEY
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
TOTAL PROJECTED RETURNS				\$ 0.0	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
NITROGEN (DRY)	15.00	LB.	0.25	3.75	_____
HERBICIDE	1.00	ACRE	46.66	46.66	_____
GRAPEFRUIT TREE	116.00	TREE	4.00	464.00	_____
TREE WRAP	116.00	TREE	3.00	348.00	_____
*IRRIG. WATER	8.00	APPL	8.00	64.00	_____
IRRIGATION WATER	48.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		8.49	_____
EQUIPMENT		ACRE		2.26	_____
REPAIRS-----TRACTOR		ACRE		4.72	_____
EQUIPMENT		ACRE		3.74	_____
LABOR-----MACHINERY	1.47	HOUR	4.50	6.62	_____
IRRIGATION	12.00	HOUR	4.50	54.00	_____
EQUIPMENT	0.98	HOUR	4.50	4.41	_____
OTHER	20.00	HOUR	4.50	90.00	_____
OPERATING CAPITAL	344.88	DOL.	0.150	51.73	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 1152.39	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 1152.39	\$ _____
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$-1152.39	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		9.20	_____
EQUIPMENT		ACRE		9.90	_____
LAND-CASH RENT	1.00	ACRE	105.00	105.00	_____
TOTAL FIXED COSTS		ACRE		\$ 124.10	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 1276.49	\$ _____
6. NET PROJECTED RETURNS		ACRE		\$-1276.49	\$ _____
CUSTOM LAND PREPARED					

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PROJECTIONS FOR PLANNING PURPOSES ONLY
 NOT TO BE USED WITHOUT UPDATING AFTER 11-17-84.

B-1241(C19)

910 CITRUS ESTABLISHMENT, 1ST YEAR, IRRIGATED, TEXAS RIO GRANDE VALLEY
 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
OFFSET DISC	2,38	SEPT	4.00	0.841	0.637	9.49	3.78	0.0	9.07	22.34
OFFSET DISC	2,38	OCT	3.00	0.631	0.478	7.12	2.84	0.0	6.80	16.76
TOTALS				1.472	1.115	16.60	6.62	0.0	15.87	39.10

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	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
WATER APPLICATION	JUNE	6.00	1.500	0.0	0.0	6.75	8.00	0.0	14.75
WATER APPLICATION	JULY	6.00	1.500	0.0	0.0	6.75	8.00	0.0	14.75
WATER APPLICATION	AUG	6.00	1.500	0.0	0.0	6.75	8.00	0.0	14.75
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
TOTALS		48.00	12.000	0.0	0.0	54.00	64.00	0.0	118.00

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**CITRUS ESTABLISHMENT, 2ND YEAR, IRRIGATED, TEXAS RIO GRANDE VALLEY
 1985 PROJECTED COSTS AND RETURNS PER ACRE**

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
TOTAL PROJECTED RETURNS				\$ 0.0	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
NITROGEN (DRY)	30.00	LB.	0.25	7.50	_____
*HERBICIDE	3.00	APPL	23.33	69.99	_____
*INSECTICIDE	3.00	APPL	49.50	148.50	_____
*IRRIG. WATER	5.00	APPL	8.00	40.00	_____
TREE REPLACEMNT	1.00	TREE	5.00	5.00	_____
INSECT. APPL.	3.00	APPL	26.00	78.00	_____
IRRIGATION WATER	30.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		10.63	_____
EQUIPMENT		ACRE		2.26	_____
REPAIRS-----TRACTOR		ACRE		5.01	_____
EQUIPMENT		ACRE		10.54	_____
LABOR-----MACHINERY	3.52	HOUR	4.50	15.85	_____
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	186.25	DOL.	0.150	27.94	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 504.39	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 504.39	\$ _____
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -504.39	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		16.28	_____
EQUIPMENT		ACRE		18.05	_____
LAND-CASH RENT	1.00	ACRE	105.00	105.00	_____
PRORATED ESTABL	1276.49	DOL.	0.10	127.65	_____
TOTAL FIXED COSTS		ACRE		\$ 266.98	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 771.37	\$ _____
6. NET PROJECTED RETURNS		ACRE		\$ -771.37	\$ _____

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B-1241(C19)

911 CITRUS ESTABLISHMENT, 2ND YEAR, IRRIGATED, TEXAS RIO GRANDE VALLEY
 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
BORDER DISC	5,53	FEB	1.00	0.486	0.368	1.36	2.19	0.0	2.50	6.05
OFFSET DISC	2,38	MAR	1.00	0.210	0.159	2.37	0.95	0.0	2.27	5.59
BORDER DISC	5,53	MAR	1.00	0.486	0.368	1.36	2.19	0.0	2.50	6.05
DITCHER BLADE	5,48	MAR	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
ORCH SPRAYR	5,51	APR	1.00	0.168	0.127	2.81	0.75	23.33	3.19	30.09
OFFSET DISC	2,38	MAY	1.00	0.210	0.159	2.37	0.95	0.0	2.27	5.59
DITCHER BLADE	5,48	MAY	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
OFFSET DISC	2,38	JULY	1.00	0.210	0.159	2.37	0.95	0.0	2.27	5.59
DITCHER BLADE	5,48	JULY	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
ORCH SPRAYR	5,51	JULY	1.00	0.168	0.127	2.81	0.75	23.33	3.19	30.09
OFFSET DISC	2,38	SEPT	1.00	0.210	0.159	2.37	0.95	0.0	2.27	5.59
BORDER DISC	5,53	SEPT	1.00	0.486	0.368	1.36	2.19	0.0	2.50	6.05
DITCHER BLADE	5,48	SEPT	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
ORCH SPRAYR	5,51	OCT	1.00	0.168	0.127	2.81	0.75	23.33	3.19	30.09
OFFSET DISC	2,38	NOV	1.00	0.210	0.159	2.37	0.95	0.0	2.27	5.59
BORDER DISC	5,53	NOV	1.00	0.486	0.368	1.36	2.19	0.0	2.50	6.05
DITCHER BLADE	5,48	NOV	0.01	0.005	0.004	0.02	0.02	0.0	0.04	0.08
TOTALS				3.523	2.669	25.83	15.85	69.99	31.10	142.78

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	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
WATER APPLICATION	JULY	6.00	1.500	0.0	0.0	6.75	8.00	0.0	14.75
WATER APPLICATION	SEPT	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
TOTALS		30.00	7.500	0.0	0.0	33.75	40.00	0.0	73.75

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GRAPEFRUIT ESTABLISHMENT, 3RD YEAR, IRRIGATED, TEXAS RIO GRANDE VALLEY
 1985 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
GRAPEFRUIT	2.00	TON	1.00	2.00	
TOTAL PROJECTED RETURNS				\$ 2.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
NITROGEN (DRY)	58.00	LB.	0.25	14.50	_____
*HERBICIDE	3.00	APPL	23.33	69.99	_____
*INSECTICIDE	3.00	APPL	49.50	148.50	_____
TREE REPLACEMNT	1.00	TREE	5.00	5.00	_____
*IRRIG. WATER	5.00	APPL	8.00	40.00	_____
INSECT. APPL.	3.00	APPL	26.00	78.00	_____
IRRIGATION WATER	30.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		17.09	_____
EQUIPMENT		ACRE		2.26	_____
REPAIRS-----TRACTOR		ACRE		7.34	_____
EQUIPMENT		ACRE		13.36	_____
LABOR-----MACHINERY	7.02	HOUR	4.50	31.60	_____
IRRIGATION	7.50	HOUR	4.50	33.75	_____
EQUIPMENT	0.98	HOUR	4.50	4.41	_____
OTHER	6.00	HOUR	4.50	27.00	_____
OPERATING CAPITAL	203.40	DOL.	0.150	30.51	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 523.31	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 523.31	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS		\$261.66/TON		GRAPEFRUIT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -521.31	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		30.01	_____
EQUIPMENT		ACRE		21.36	_____
LAND-CASH RENT	1.00	ACRE	105.00	105.00	_____
PRORATED ESTABL	2047.86	DOL.	0.10	204.79	_____
TOTAL FIXED COSTS		ACRE		\$ 361.16	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 884.47	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS		\$442.23/TON		GRAPEFRUIT	
6. NET PROJECTED RETURNS		ACRE		\$ -882.47	\$ _____

CROP SOLD ON TREES.

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.