

PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 02/15/82.

B-1241 (C19)

GRAIN SORGHUM, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
1982 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	1.51	0.98	0.0	4.58	7.06
OFFSET DISC	2,38	AUG	1.00	0.210	0.159	2.03	0.73	0.0	4.12	6.88
MOLDBOARD PLOW	2,30	AUG	0.50	0.285	0.216	2.88	0.98	0.0	5.83	9.69
CHISEL PLOW	2,32	AUG	0.50	0.101	0.076	0.97	0.35	0.0	1.59	2.90
OFFSET DISC	2,38	SEPT	2.00	0.421	0.319	4.07	1.45	0.0	8.24	13.76
BEDDER 6R	2,35	DEC	1.00	0.151	0.115	1.39	0.52	0.0	2.06	3.96
FERT. APPL, RNTD	2,59	JAN	1.00	0.203	0.154	1.72	0.70	60.00	2.05	64.48
RING CULT 6R	2,34	JAN	1.00	0.194	0.147	1.95	0.67	0.0	2.87	5.49
RING CULT 6R	2,34	FEB	1.00	0.194	0.147	1.95	0.67	0.0	2.87	5.49
PLANTER 6R	2,36	FEB	1.25	0.252	0.191	2.64	0.87	4.80	4.99	13.30
CULTIVATOR 6R	2,44	MAR	1.00	0.207	0.157	1.96	0.72	0.0	3.10	5.78
DITCHER BLADE	4,48	MAR	0.01	0.005	0.004	0.02	0.02	0.0	0.09	0.14
CULTIVATOR 6R	2,44	APR	1.00	0.207	0.157	1.96	0.72	0.0	3.10	5.78
DITCHER BLADE	4,48	APR	0.01	0.005	0.004	0.02	0.02	0.0	0.09	0.14
DITCHER BLADE	4,48	MAY	0.01	0.005	0.004	0.02	0.02	0.0	0.09	0.14
TOTALS				2.725	2.065	25.10	9.40	64.80	45.66	144.96

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	MAR	6.00	1.500	0.0	0.0	5.17	6.00	0.0	11.17
WATER APPLICATION	APR	6.00	1.500	0.0	0.0	5.17	6.00	0.0	11.17
WATER APPLICATION	MAY	6.00	1.500	0.0	0.0	5.17	6.00	0.0	11.17
TOTALS		18.00	4.500	0.0	0.0	15.52	18.00	0.0	33.52

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)

	CWT.	3.84	4.32	4.80	5.28	5.76
QUANTITY OF GRAIN SORGHUM	40.00	-70.01	-50.81	-31.61	-12.41	6.79
	45.00	-54.31	-32.71	-11.11	10.49	32.09
	50.00	-38.61	-14.61	9.39	33.39	57.39
	55.00	-22.91	3.49	29.89	56.29	82.69
	60.00	-7.21	21.59	50.39	79.19	107.99

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
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
LETTUCE	350.00	CRTN	3.35	1172.50	
TOTAL PROJECTED RETURNS				\$ 1172.50	\$
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.	0.30	24.00	
*HERBICIDE	1.00	ACRE	24.02	24.02	
*INSECTICIDE	15.00	APPL	5.33	79.95	
*FUNGICIDE	10.00	APPL	4.06	40.60	
*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		20.24	
EQUIPMENT		ACRE		3.00	
REPAIRS--TRACTOR		ACRE		3.60	
EQUIPMENT		ACRE		3.38	
LABOR--MACHINERY	3.15	HOOR	3.45	10.88	
IRRIGATION	12.00	HOOR	3.45	41.40	
EQUIPMENT	1.19	HOOR	3.45	4.11	
OTHER	35.00	HOOR	3.45	120.75	
OPERATING CAPITAL	164.14	DOL.	0.190	31.19	
SUBTOTAL, PREHARVEST		ACRE		\$ 592.11	\$
HARVEST COSTS					
HARVEST	350.00	CRTN	3.20	1120.00	
PACK&CONT	350.00	CRTN	1.35	472.50	
MKT-VEGETABLES	350.00	CRTN	0.40	140.00	
SUBTOTAL, HARVEST		ACRE		\$ 1732.50	\$
TOTAL VARIABLE COSTS		ACRE		\$ 2324.61	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 6.64/CRTN	LETTUCE	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -1152.11	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		37.52	
EQUIPMENT		ACRE		16.74	
LAND-CASH RENT	1.00	ACRE	90.00	90.00	
TOTAL FIXED COSTS		ACRE		\$ 144.27	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 2468.88	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 7.05/CRTN	LETTUCE	
6. NET PROJECTED RETURNS		ACRE		\$ -1296.38	\$

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
1982 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	0.89	0.98	0.0	3.31	5.18
OFFSET DISC	1,38	JUNE	1.00	0.210	0.159	2.35	0.73	0.0	5.07	8.15
OFFSET DISC	1,38	JULY	1.00	0.210	0.159	2.35	0.73	0.0	5.07	8.15
MOLDBOARD PLOW	1,31	JULY	0.50	0.226	0.171	2.72	0.78	0.0	5.04	8.55
CHISEL PLOW	1,33	JULY	0.50	0.084	0.064	0.94	0.29	0.0	1.74	2.97
FLOAT PLANE	1,45	JULY	1.00	0.216	0.164	2.26	0.75	0.0	4.45	7.46
BEDDER 6R	2,35	SEPT	1.00	0.151	0.115	1.39	0.52	0.0	2.06	3.96
HERB SPRAYR 6R	2,47	SEPT	1.00	0.209	0.159	1.89	0.72	24.02	2.60	29.24
FERT. APPL. RNTD	4,59	SEPT	1.00	0.203	0.154	0.97	0.70	59.00	2.33	63.00
STANHAY PLANTR	1,58	SEPT	1.00	0.310	0.235	4.20	1.07	18.00	5.82	29.10
DITCHER BLADE	5,48	SEPT	0.01	0.005	0.004	0.01	0.02	0.0	0.07	0.10
FERT. APPL. RNTD	4,59	OCT	1.00	0.203	0.154	0.97	0.70	10.50	2.33	14.50
CULTIVATOR 6R	2,44	OCT	1.00	0.207	0.157	1.96	0.72	0.0	3.10	5.78
DITCHER BLADE	5,48	OCT	0.01	0.005	0.004	0.01	0.02	0.0	0.07	0.10
FERT. APPL. RNTD	4,59	NOV	1.00	0.203	0.154	0.97	0.70	8.75	2.33	12.75
CULTIVATOR 6R	2,44	NOV	1.00	0.207	0.157	1.96	0.72	0.0	3.10	5.78
DITCHER BLADE	5,48	NOV	0.01	0.005	0.004	0.01	0.02	0.0	0.07	0.10
FERT. APPL. RNTD	4,59	DEC	1.00	0.203	0.154	0.97	0.70	8.75	2.33	12.75
DITCHER BLADE	5,48	DEC	0.01	0.005	0.004	0.01	0.02	0.0	0.07	0.10
DITCHER BLADE	5,48	JAN	0.01	0.005	0.004	0.01	0.02	0.0	0.07	0.10
TOTALS				3.153	2.389	26.88	10.88	129.02	51.04	217.82

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	10.35	12.00	0.0	22.35
WATER APPLICATION	OCT	12.00	3.000	0.0	0.0	10.35	12.00	0.0	22.35
WATER APPLICATION	NOV	6.00	1.500	0.0	0.0	5.17	6.00	0.0	11.17
WATER APPLICATION	DEC	6.00	1.500	0.0	0.0	5.17	6.00	0.0	11.17
WATER APPLICATION	JAN	12.00	3.000	0.0	0.0	10.35	12.00	0.0	22.35
TOTALS		48.00	12.000	0.0	0.0	41.40	48.00	0.0	89.40

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)

	2.68	3.01	3.35	3.68	4.02
CRTN					
280.00	-1227.71	-1133.91	-1040.11	-946.31	-852.51
315.00	-1307.16	-1201.63	-1096.11	-990.58	-885.06
350.00	-1386.61	-1269.36	-1152.11	-1034.86	-917.61
385.00	-1466.06	-1337.08	-1208.11	-1079.13	-950.16
420.00	-1545.51	-1404.81	-1264.11	-1123.41	-982.71

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

PROJECTIONS FOR PLANNING PURPOSES ONLY
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B-1241 (C19)

YELLOW ONIONS, IRRIGATED
TEXAS RIO GRANDE VALLEY REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY		PROJECTED	UNIT	PROJECTED	YIELD	UNIT	PROJECTED	\$/UNIT	VALUE	ESTIMATE
1. GROSS RECEIPTS										
ONIONS										
TOTAL PROJECTED RETURNS		400.00	BAGS	8.00			3200.00		\$ 3200.00	
2. VARIABLE COSTS										
PREHARVEST COSTS		2.50	LB.	50.00			125.00			
* ONION SEED		120.00	LB.	0.35			42.00			
* NITROGEN (DRY)		80.00	LB.	0.30			24.00			
HERBICIDE		1.00	ACRE	11.08			11.08			
* FUNGICIDE		4.00	APPL	4.46			17.84			
* INSECTICIDE		17.00	APPL	4.11			69.87			
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	16.79						
EQUIPMENT			ACRE	3.00						
TRACTOR			ACRE	2.93						
REPAIRS			ACRE	3.51						
LABOR		2.54	HOUR	3.45			8.78			
MACHINERY		9.00	HOUR	3.45			31.05			
IRRIGATION		1.19	HOUR	3.45			4.11			
EQUIPMENT		17.00	HOUR	3.45			58.65			
OTHER		107.80	DOL.	0.190			20.48			
OPERATING CAPITAL			ACRE	576.51						
SUBTOTAL, PREHARVEST		400.00	BAGS	1.30			520.00			
HARVEST		400.00	BAGS	1.55			620.00			
PACKCONT		400.00	BAGS	0.25			100.00			
DRYING		400.00	BAGS	0.40			160.00			
MKT-VEGETABLES		400.00	CRIN							
SUBTOTAL, HARVEST			ACRE	1400.00						
TOTAL VARIABLE COSTS			ACRE	1976.51						
BREAK-EVEN PRICE, VARIABLE COSTS			ACRE	4.94/BAGS ONIONS						
3. INCOME ABOVE VARIABLE COSTS			ACRE	1223.49						
4. FIXED COSTS			ACRE							
DEPREC., INTEREST, TAXES & INSUR.			ACRE	32.09						
TRACTOR			ACRE	18.22						
EQUIPMENT			ACRE	90.00						
LAND-CASH RENT		1.00	ACRE	90.00						
TOTAL FIXED COSTS			ACRE	140.31						
5. TOTAL PROJECTED COSTS			ACRE	2116.82						
BREAK-EVEN PRICE, TOTAL COSTS			ACRE	5.29/BAGS ONIONS						
6. NET PROJECTED RETURNS			ACRE	1083.18						
ONIONS PACKED IN 50 POUND BAGS										

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YELLOW ONIONS, IRRIGATED
TEXAS RIO GRANDE VALLEY REGION
1982 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	0.89	0.98	0.0	3.31	5.18
OFFSET DISC	1,38	JULY	1.00	0.210	0.159	2.35	0.73	0.0	5.07	8.15
MOLDBOARD PLOW	1,31	JULY	0.50	0.226	0.171	2.72	0.78	0.0	5.04	8.55
CHISEL PLOW	1,33	JULY	0.50	0.084	0.064	0.94	0.29	0.0	1.74	2.97
OFFSET DISC	1,38	AUG	2.00	0.421	0.319	4.71	1.45	0.0	10.14	16.30
FLOAT PLANE	1,45	AUG	1.00	0.216	0.164	2.26	0.75	0.0	4.45	7.46
BEDDER 6R	2,35	SEPT	1.00	0.151	0.115	1.39	0.52	0.0	2.06	3.96
FERT. APPL. RNTD	4,59	SEPT	1.00	0.203	0.154	0.97	0.70	66.00	2.33	70.00
STANHAY PLANTR	1,58	OCT	1.00	0.310	0.235	4.20	1.07	125.00	5.82	136.10
CULTIVATOR 6R	4,44	OCT	1.00	0.207	0.157	1.19	0.72	0.0	3.38	5.29
DITCHER BLADE	5,48	OCT	0.01	0.005	0.004	0.01	0.02	0.0	0.07	0.10
DITCHER BLADE	5,48	NOV	0.01	0.005	0.004	0.01	0.02	0.0	0.07	0.10
DITCHER BLADE	5,48	DEC	0.01	0.005	0.004	0.01	0.02	0.0	0.07	0.10
CULTIVATOR 6R	4,44	JAN	1.00	0.207	0.157	1.19	0.72	0.0	3.38	5.29
DITCHER BLADE	5,48	JAN	0.01	0.005	0.004	0.01	0.02	0.0	0.07	0.10
DITCHER BLADE	5,48	FEB	0.01	0.005	0.004	0.01	0.02	0.0	0.07	0.10
TOTALS				2.544	1.928	22.89	8.78	191.00	47.09	269.75

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	OCT	6.00	1.500	0.0	0.0	5.17	6.00	0.0	11.17
WATER APPLICATION	NOV	6.00	1.500	0.0	0.0	5.17	6.00	0.0	11.17
WATER APPLICATION	DEC	12.00	3.000	0.0	0.0	10.35	12.00	0.0	22.35
WATER APPLICATION	JAN	6.00	1.500	0.0	0.0	5.17	6.00	0.0	11.17
WATER APPLICATION	FEB	6.00	1.500	0.0	0.0	5.17	6.00	0.0	11.17
TOTALS		36.00	9.000	0.0	0.0	31.05	36.00	0.0	67.05

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)

BAGS	6.40	7.20	8.00	8.80	9.60
QUANTITY OF ONIONS					
320.00	351.49	607.49	863.49	1119.49	1375.49
360.00	467.49	755.49	1043.49	1331.49	1619.49
400.00	583.49	903.49	1223.49	1543.49	1863.49
440.00	699.49	1051.49	1403.49	1755.49	2107.49
480.00	815.49	1199.49	1583.49	1967.49	2351.49

FRESH SPRING TOMATOES, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
TOMATOES	165.00	CRTN	8.00	1320.00	
TOTAL PROJECTED RETURNS				\$ 1320.00	\$
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.	0.30	24.00	
*HERBICIDE	1.00	ACRE	16.46	16.46	
*INSECTICIDE	8.00	APPL	5.03	40.24	
*FUNGICIDE	5.00	APPL	4.06	20.30	
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		23.91	
EQUIPMENT		ACRE		3.00	
REPAIRS-----TRACTOR		ACRE		4.35	
EQUIPMENT		ACRE		4.36	
LABOR-----MACHINERY	3.07	HOURL	3.45	10.59	
IRRIGATION	6.00	HOURL	3.45	20.70	
EQUIPMENT	1.19	HOURL	3.45	4.11	
OTHER	10.00	HOURL	3.45	34.50	
OPERATING CAPITAL	68.41	DOL.	0.190	13.00	
SUBTOTAL, PREHARVEST		ACRE		\$ 346.00	\$
HARVEST COSTS					
HARVEST	165.00	CRTN	1.30	214.50	
PACK&CONT	165.00	CRTN	1.75	288.75	
MKT-VEGETABLES	165.00	CRTN	0.40	66.00	
FOLFEED	1.00	ACRE	1.10	1.10	
SUBTOTAL, HARVEST		ACRE		\$ 570.35	\$
TOTAL VARIABLE COSTS		ACRE		\$ 916.35	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 5.55/CRTN	TOMATOES	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 403.65	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		41.96	
EQUIPMENT		ACRE		20.10	
LAND-CASH RENT	1.00	ACRE	90.00	90.00	
TOTAL FIXED COSTS		ACRE		\$ 152.06	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 1068.42	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 6.48/CRTN	TOMATOES	
6. NET PROJECTED RETURNS		ACRE		\$ 251.58	\$
SOLD IN 40 POUND CARTONS.					

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PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 02/15/82.

B-1241 (C19)

FRESH SPRING TOMATOES, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
1982 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/ETRALR	6,49	JULY	1.00	0.440	0.333	7.11	1.52	0.0	9.97	18.60
OFFSET DISC	1,38	JULY	1.00	0.210	0.159	2.35	0.73	0.0	5.07	8.15
MOLDBOARD PLOW	1,31	AUG	0.50	0.226	0.171	2.72	0.78	0.0	5.04	8.55
CHISEL PLOW	1,33	AUG	0.50	0.084	0.064	0.94	0.29	0.0	1.74	2.97
OFFSET DISC	1,38	SEPT	2.00	0.421	0.319	4.71	1.45	0.0	10.14	16.30
FLOAT PLANE	1,45	SEPT	1.00	0.216	0.164	2.26	0.75	0.0	4.45	7.46
BEDDER 6R	2,35	OCT	1.00	0.151	0.115	1.39	0.52	0.0	2.06	3.96
RLNG CULT 6R	4,34	NOV	1.00	0.194	0.147	1.23	0.67	0.0	3.13	5.03
FERT. APPL. RNTD	4,59	DEC	1.00	0.203	0.154	0.97	0.70	45.00	2.33	49.00
HERB SPRAYR 6R	2,47	DEC	1.00	0.209	0.159	1.89	0.72	16.46	2.60	21.68
DITCHER BLADE	5,48	DEC	0.01	0.005	0.004	0.01	0.02	0.0	0.07	0.10
STANHAY PLANTR	1,58	JAN	1.00	0.310	0.235	4.20	1.07	50.00	5.82	61.10
RLNG CULT 6R	4,34	JAN	1.00	0.194	0.147	1.23	0.67	0.0	3.13	5.03
DITCHER BLADE	5,48	MAR	0.01	0.005	0.004	0.01	0.02	0.0	0.07	0.10
RLNG CULT 6R	4,34	MAY	1.00	0.194	0.147	1.23	0.67	0.0	3.13	5.03
DITCHER BLADE	5,48	MAY	0.01	0.005	0.004	0.01	0.02	0.0	0.07	0.10
TOTALS				3.069	2.325	32.27	10.59	111.46	58.84	213.16

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	10.35	12.00	0.0	22.35
WATER APPLICATION	MAR	6.00	1.500	0.0	0.0	5.17	6.00	0.0	11.17
WATER APPLICATION	MAY	6.00	1.500	0.0	0.0	5.17	6.00	0.0	11.17
TOTALS		24.00	6.000	0.0	0.0	20.70	24.00	0.0	44.70

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)					
		6.40	7.20	8.00	8.80	9.60	
QUANTITY OF TOMATOES	CRTN	132.00	42.30	147.90	253.50	359.10	464.70
		148.50	90.97	209.77	328.57	447.37	566.17
		165.00	139.65	271.65	403.65	535.65	667.65
		181.50	188.32	333.52	478.72	623.92	769.12
		198.00	237.00	395.40	553.80	712.20	870.60

CITRUS ESTABLISHMENT, 1ST YEAR, IRRIGATED, TEXAS RIO GRANDE VALLEY
1982 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	INPUT USE				
PREHARVEST COSTS					
NITROGEN (DRY)	15.00	LB.	0.35	5.25	_____
HERBICIDE	1.00	ACRE	24.20	24.20	_____
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		10.38	_____
EQUIPMENT		ACRE		2.47	_____
REPAIRS-----TRACTOR		ACRE		2.11	_____
EQUIPMENT		ACRE		2.03	_____
LABOR-----MACHINERY	1.47	HOURL	3.45	5.08	_____
IRRIGATION	12.00	HOURL	3.45	41.40	_____
EQUIPMENT	0.98	HOURL	3.45	3.38	_____
OTHER	20.00	HOURL	3.45	69.00	_____
OPERATING CAPITAL	232.42	DOL.	0.190	44.16	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 796.85	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 796.85	\$ _____
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -796.85	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		14.80	_____
EQUIPMENT		ACRE		16.71	_____
LAND-CASH RENT	1.00	ACRE	105.00	105.00	_____
TOTAL FIXED COSTS		ACRE		\$ 136.50	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 933.36	\$ _____
6. NET PROJECTED RETURNS		ACRE		\$ -933.36	\$ _____

CUSTOM LAND PREPARED

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 02/15/82.

B-1241 (C19)

CITRUS ESTABLISHMENT, 1ST YEAR, IRRIGATED, TEXAS RIO GRANDE VALLEY
1982 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	8.13	2.90	0.0	16.49	27.52
OFFSET DISC	2,38	OCT	3.00	0.631	0.478	6.10	2.18	0.0	12.36	20.64
TOTALS				1.472	1.115	14.23	5.08	0.0	28.85	48.16

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	5.17	6.00	0.0	11.17
WATER APPLICATION	APR	6.00	1.500	0.0	0.0	5.17	6.00	0.0	11.17
WATER APPLICATION	MAY	6.00	1.500	0.0	0.0	5.17	6.00	0.0	11.17
WATER APPLICATION	JUNE	6.00	1.500	0.0	0.0	5.17	6.00	0.0	11.17
WATER APPLICATION	JULY	6.00	1.500	0.0	0.0	5.17	6.00	0.0	11.17
WATER APPLICATION	AUG	6.00	1.500	0.0	0.0	5.17	6.00	0.0	11.17
WATER APPLICATION	SEPT	6.00	1.500	0.0	0.0	5.17	6.00	0.0	11.17
WATER APPLICATION	OCT	6.00	1.500	0.0	0.0	5.17	6.00	0.0	11.17
TOTALS		48.00	12.000	0.0	0.0	41.40	48.00	0.0	89.40