GRAPEFRUIT ESTABLISHMENT, 4TH YEAR, IRRIGATED, TEXAS RIO GRANDE VALLEY
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
FERT.APPL,RNTD	5,60	JAN	0.50	0.081	0.062	0.18	0.37	11.88	0.60	13.03
BORDER DISC	5,53	FEB	1.00	0.486	0.368	1.15	2.19	0.0	4.03	7.37
DITCHER BLADE	5,48	FEB	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
TREE HOE	5,54	FEB	1.00	0.875	0.663	2.30	3.94	0.0	7.25	13.48
FERT.APPL,RNTD	5,60	FEB	0.50	0.081	0.062	0.18	0.37	11.88	0.60	13.03
OFFSET DISC	2,38	MAR	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
BORDER DISC	5,53	MAR	1.00	0.486	0.368	1.15	2.19	0.0	4.03	7.37
TREE HOE	5,54	MAR	1.00	0.875	0.663	2.30	3.94	0.0	7.25	13.48
DITCHER BLADE	5,48	APR	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
ORCH SPRAYR	5,51	APR	1.00	0.168	0.127	1.63	0.75	28.89	5.28	36.55
OFFSET DISC	2,38	MAY	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
DITCHER BLADE	5,48	JUNE	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
OFFSET DISC	2,38	JULY	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
ORCH SPRAYR	5,51	JULY	1.00	0.168	0.127	1.63	0.75	28.89	5.28	36.55
DITCHER BLADE	5,48	AUG	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
OFFSET DISC	2,38	SEPT	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
BORDER DISC	5,53	SEPT	1.00	0.486	0.368	1.15	2.19	0.0	4.03	7.37
TREE HOE	5,54	SEPT	1.00	0.875	0.663	2.30	3.94	0.0	7.25	13.48
ORCH SPRAYR	5,51	OCT	1.00	0.168	0.127	1.63	0.75	28.89	5.28	36.55
OFFSET DISC	2,38	NOV	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
BORDER DISC	5,53	NOV	1.00	0.486	0.368	1.15	2.19	0.0	4.03	7.37
DITCHER BLADE	5,48	NOV	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
TREE HOE	5,54	NOV	1.00	0.875	0.663	2.30	3.94	0.0	7.25	13.48
TOTALS				7.184	5.443	28.46	32.33	110.43	81.56	252.78

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	FEB	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	APR	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	JUNE	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	AUG	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	NOV	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
TOTALS		30.00	7.500	0.0	0.0	33.75	75.00	0.0	108.75

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF GRAPEFRUIT (DOLLARS)

QUANTITY OF GRAPEFRUIT (TON)	56.00	63.00	70.00	77.00	84.00
2.00	-477.09	-463.09	-449.09	-435.09	-421.09
2.25	-463.09	-447.34	-431.59	-415.84	-400.09
2.50	-449.09	-431.59	-414.09	-396.59	-379.09
2.75	-435.09	-415.84	-396.59	-377.34	-358.09
3.00	-421.09	-400.09	-379.09	-358.09	-337.09

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

PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 01/23/84. B-1241(C19)

GRAPEFRUIT, MATURE GROVE, IRRIGATED, TEXAS RIO GRANDE VALLEY
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
GRAPEFRUIT	16.00	TON	70.00	1120.00	________
TOTAL PROJECTED RETURNS				$ 1120.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*NITROGEN (DRY)	116.00	LB.	0.27	31.32	________
*INSECTICIDE	3.00	APPL	60.00	180.00	________
*HERBICIDE	3.00	ACRE	28.89	86.67	________
*IRRIG. WATER	5.00	APPL	15.00	75.00	________
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		17.39	________
EQUIPMENT		ACRE		2.26	________
REPAIRS------TRACTOR		ACRE		4.63	________
EQUIPMENT		ACRE		6.79	________
LABOR--------MACHINERY	7.18	HOUR	4.50	32.33	________
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	161.28	DOL.	0.130	20.97	________
SUBTOTAL, PREHARVEST		ACRE		$ 587.52	$________
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		$ 0.0	$________
TOTAL VARIABLE COSTS		ACRE		$ 587.52	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 36.72/TON		GRAPEFRUIT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 532.48	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		53.81	________
EQUIPMENT		ACRE		30.47	________
LAND-CASH RENT	1.00	ACRE	105.00	105.00	________
PRORATED ESTABL	3765.07	DOL.	0.10	376.51	________
TOTAL FIXED COSTS		ACRE		$ 565.79	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 1153.31	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 72.08/TON		GRAPEFRUIT	
6. NET PROJECTED RETURNS		ACRE		$ -33.31	$________

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.

GRAPEFRUIT, MATURE GROVE, IRRIGATED, TEXAS RIO GRANDE VALLEY
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
FERT.APPL,RNTD	5,60	JAN	0.50	0.081	0.062	0.18	0.37	15.66	0.60	16.81
BORDER DISC	5,53	FEB	1.00	0.486	0.368	1.15	2.19	0.0	4.03	7.37
DITCHER BLADE	5,48	FEB	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
TREE HOE	5,54	FEB	1.00	0.875	0.663	2.30	3.94	0.0	7.25	13.48
FERT.APPL,RNTD	5,60	FEB	0.50	0.081	0.062	0.18	0.37	15.66	0.60	16.81
OFFSET DISC	2,38	MAR	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
BORDER DISC	5,53	MAR	1.00	0.486	0.368	1.15	2.19	0.0	4.03	7.37
TREE HOE	5,54	MAR	1.00	0.875	0.663	2.30	3.94	0.0	7.25	13.48
DITCHER BLADE	5,48	APR	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
ORCH SPRAYR	5,51	APR	1.00	0.168	0.127	1.63	0.75	28.89	5.28	36.55
OFFSET DISC	2,38	MAY	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
DITCHER BLADE	5,48	JUNE	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
OFFSET DISC	2,38	JULY	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
ORCH SPRAYR	5,51	JULY	1.00	0.168	0.127	1.63	0.75	28.89	5.28	36.55
DITCHER BLADE	5,48	AUG	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
OFFSET DISC	2,38	SEPT	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
BORDER DISC	5,53	SEPT	1.00	0.486	0.368	1.15	2.19	0.0	4.03	7.37
TREE HOE	5,54	SEPT	1.00	0.875	0.663	2.30	3.94	0.0	7.25	13.48
DITCHER BLADE	5,48	OCT	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
ORCH SPRAYR	5,51	OCT	1.00	0.168	0.127	1.63	0.75	28.89	5.28	36.55
OFFSET DISC	2,38	NOV	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
BORDER DISC	5,53	NOV	1.00	0.486	0.368	1.15	2.19	0.0	4.03	7.37
TREE HOE	5,54	NOV	1.00	0.875	0.663	2.30	3.94	0.0	7.25	13.48
TOTALS				7.184	5.443	28.46	32.33	117.99	81.56	260.34

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	FEB	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	APR	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	JUNE	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	AUG	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	OCT	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
TOTALS		30.00	7.500	0.0	0.0	33.75	75.00	0.0	108.75

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF GRAPEFRUIT (DOLLARS)

QUANTITY OF GRAPEFRUIT (TON)	56.00	63.00	70.00	77.00	84.00
12.80	129.28	218.88	308.48	398.08	487.68
14.40	218.88	319.68	420.48	521.28	622.08
16.00	308.48	420.48	532.48	644.48	756.48
17.60	398.08	521.28	644.48	767.68	890.88
19.20	487.68	622.08	756.48	890.88	1025.28

GRAPEFRUIT, PURCHASED MATURE GROVE, IRRIGATED, TEXAS RIO GRANDE VALLEY
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
GRAPEFRUIT	14.00	TON	70.00	980.00	________
TOTAL PROJECTED RETURNS				$ 980.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
NITROGEN (DRY)	116.00	LB.	0.27	31.32	________
HERBICIDE	3.00	ACRE	28.89	86.67	________
*INSECTICIDE	3.00	APPL	60.00	180.00	________
INSECT. APPL.	3.00	APPL	20.00	60.00	________
*IRRIG. WATER	5.00	APPL	15.00	75.00	________
IRRIGATION WATER	30.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		0.0	________
REPAIRS------TRACTOR		ACRE		0.0	________
LABOR--------MACHINERY	0.0	HOUR	4.50	0.0	________
IRRIGATION	7.50	HOUR	4.50	33.75	________
OPERATING CAPITAL	155.43	DOL.	0.130	20.21	________
SUBTOTAL, PREHARVEST		ACRE		$ 486.95	$________
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		$ 0.0	$________
TOTAL VARIABLE COSTS		ACRE		$ 486.95	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 34.78/TON	GRAPEFRUIT		
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 493.05	$________
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.0	________
EQUIPMENT		ACRE		0.0	________
LAND-CASH RENT	1.00	ACRE	105.00	105.00	________
RETURN ON INVEST	3500.00	DOL.	0.06	210.00	________
TOTAL FIXED COSTS		ACRE		$ 315.00	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 801.95	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 57.28/TON	GRAPEFRUIT		
6. NET PROJECTED RETURNS		ACRE		$ 178.05	$________

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GRAPEFRUIT, PURCHASED MATURE GROVE, IRRIGATED, TEXAS RIO GRANDE VALLEY
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
TOTALS				0.0	0.0	0.0	0.0	0.0	0.0	0.0

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	FEB	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	APR	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	JUNE	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	AUG	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	OCT	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
TOTALS		30.00	7.500	0.0	0.0	33.75	75.00	0.0	108.75

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF GRAPEFRUIT (DOLLARS)

QUANTITY OF GRAPEFRUIT (TON)	56.00	63.00	70.00	77.00	84.00
11.20	140.25	218.65	297.05	375.45	453.85
12.60	218.65	306.85	395.05	483.25	571.45
14.00	297.05	395.05	493.05	591.05	689.05
15.40	375.45	483.25	591.05	698.85	806.65
16.80	453.85	571.45	689.05	806.65	924.25

ORANGES ESTABLISHMENT, 3RD YEAR, IRRIGATED, TEXAS RIO GRANDE VALLEY
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
ORANGES	0.70	TON	100.00	70.00	________
TOTAL PROJECTED RETURNS				$ 70.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*NITROGEN (DRY)	58.00	LB.	0.27	15.66	________
*HERBICIDE	3.00	APPL	56.71	170.13	________
*INSECTICIDE	3.00	APPL	60.00	180.00	________
*IRRIG. WATER	5.00	APPL	15.00	75.00	________
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		17.39	________
EQUIPMENT		ACRE		2.26	________
REPAIRS------TRACTOR		ACRE		4.63	________
EQUIPMENT		ACRE		6.79	________
LABOR--------MACHINERY	7.18	HOUR	4.50	32.33	________
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	268.58	DOL.	0.130	34.91	________
SUBTOTAL, PREHARVEST		ACRE		$ 669.27	$________
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		$ 0.0	$________
TOTAL VARIABLE COSTS		ACRE		$ 669.27	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$956.10/TON		ORANGES	
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ -599.27	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		53.81	________
EQUIPMENT		ACRE		30.47	________
LAND-CASH RENT	1.00	ACRE	105.00	105.00	________
PRORATED ESTABL	1962.57	DOL.	0.10	196.26	________
TOTAL FIXED COSTS		ACRE		$ 385.54	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 1054.81	$________
BREAK-EVEN PRICE, TOTAL COSTS		$******/TON		ORANGES	
6. NET PROJECTED RETURNS		ACRE		$ -984.81	$________

CROP SOLD ON TREES.

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ORANGES ESTABLISHMENT, 3RD YEAR, IRRIGATED, TEXAS RIO GRANDE VALLEY
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
BORDER DISC	5,53	FEB	1.00	0.486	0.368	1.15	2.19	0.0	4.03	7.37
TREE HOE	5,54	FEB	1.00	0.875	0.663	2.30	3.94	0.0	7.25	13.48
FERT.APPL,RNTD	5,60	FEB	1.00	0.163	0.123	0.37	0.73	15.66	1.21	17.97
OFFSET DISC	2,38	MAR	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
BORDER DISC	5,53	MAR	1.00	0.486	0.368	1.15	2.19	0.0	4.03	7.37
DITCHER BLADE	5,48	MAR	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
TREE HOE	5,54	MAR	1.00	0.875	0.663	2.30	3.94	0.0	7.25	13.48
ORCH SPRAYR	5,51	APR	1.00	0.168	0.127	1.63	0.75	56.71	5.28	64.37
OFFSET DISC	2,38	MAY	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
DITCHER BLADE	5,48	MAY	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
OFFSET DISC	2,38	JULY	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
DITCHER BLADE	5,48	JULY	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
ORCH SPRAYR	5,51	JULY	1.00	0.168	0.127	1.63	0.75	56.71	5.28	64.37
OFFSET DISC	2,38	SEPT	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
BORDER DISC	5,53	SEPT	1.00	0.486	0.368	1.15	2.19	0.0	4.03	7.37
DITCHER BLADE	5,48	SEPT	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
TREE HOE	5,54	SEPT	1.00	0.875	0.663	2.30	3.94	0.0	7.25	13.48
ORCH SPRAYR	5,51	OCT	1.00	0.168	0.127	1.63	0.75	56.71	5.28	64.37
OFFSET DISC	2,38	NOV	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
BORDER DISC	5,53	NOV	1.00	0.486	0.368	1.15	2.19	0.0	4.03	7.37
DITCHER BLADE	5,48	NOV	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
TREE HOE	5,54	NOV	1.00	0.875	0.663	2.30	3.94	0.0	7.25	13.48
TOTALS				7.184	5.443	28.46	32.33	185.79	81.56	328.14

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	MAR	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	MAY	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	JULY	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	SEPT	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	NOV	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
TOTALS		30.00	7.500	0.0	0.0	33.75	75.00	0.0	108.75

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF ORANGES (DOLLARS)

QUANTITY OF ORANGES (TON)	80.00	90.00	100.00	110.00	120.00
0.56	-624.47	-618.87	-613.27	-607.67	-602.07
0.63	-618.87	-612.57	-606.27	-599.97	-593.67
0.70	-613.27	-606.27	-599.27	-592.27	-585.27
0.77	-607.67	-599.97	-592.27	-584.57	-576.87
0.84	-602.07	-593.67	-585.27	-576.87	-568.47

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

ORANGES ESTABLISHMENT, 4TH YEAR, IRRIGATED, TEXAS RIO GRANDE VALLEY
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
ORANGES	1.20	TON	100.00	120.00	________
TOTAL PROJECTED RETURNS				$ 120.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*NITROGEN (DRY)	88.00	LB.	0.27	23.76	________
*INSECTICIDE	3.00	APPL	60.00	180.00	________
*HERBICIDE	3.00	ACRE	28.89	86.67	________
*IRRIG. WATER	5.00	APPL	15.00	75.00	________
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		17.39	________
EQUIPMENT		ACRE		2.26	________
REPAIRS------TRACTOR		ACRE		4.63	________
EQUIPMENT		ACRE		6.79	________
LABOR--------MACHINERY	7.18	HOUR	4.50	32.33	________
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	231.11	DOL.	0.130	30.04	________
SUBTOTAL, PREHARVEST		ACRE		$ 589.04	$________
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		$ 0.0	$________
TOTAL VARIABLE COSTS		ACRE		$ 589.04	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$490.86/TON	ORANGES		
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ -469.04	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		53.81	________
EQUIPMENT		ACRE		30.47	________
LAND-CASH RENT	1.00	ACRE	105.00	105.00	________
PRORATED ESTABL	2947.38	DOL.	0.10	294.74	________
TOTAL FIXED COSTS		ACRE		$ 484.02	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 1073.06	$________
BREAK-EVEN PRICE, TOTAL COSTS		$894.21/TON	ORANGES		
6. NET PROJECTED RETURNS		ACRE		$ -953.06	$________

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.

ORANGES ESTABLISHMENT, 4TH YEAR, IRRIGATED, TEXAS RIO GRANDE VALLEY
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
FERT.APPL,RNTD	5,60	JAN	0.50	0.081	0.062	0.18	0.37	11.88	0.60	13.03
BORDER DISC	5,53	FEB	1.00	0.486	0.368	1.15	2.19	0.0	4.03	7.37
TREE HOE	5,54	FEB	1.00	0.875	0.663	2.30	3.94	0.0	7.25	13.48
FERT.APPL,RNTD	5,60	FEB	0.50	0.081	0.062	0.18	0.37	11.88	0.60	13.03
OFFSET DISC	2,38	MAR	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
BORDER DISC	5,53	MAR	1.00	0.486	0.368	1.15	2.19	0.0	4.03	7.37
DITCHER BLADE	5,48	MAR	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
TREE HOE	5,54	MAR	1.00	0.875	0.663	2.30	3.94	0.0	7.25	13.48
ORCH SPRAYR	5,51	APR	1.00	0.168	0.127	1.63	0.75	28.89	5.28	36.55
OFFSET DISC	2,38	MAY	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
DITCHER BLADE	5,48	MAY	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
OFFSET DISC	2,38	JULY	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
DITCHER BLADE	5,48	JULY	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
ORCH SPRAYR	5,51	JULY	1.00	0.168	0.127	1.63	0.75	28.89	5.28	36.55
OFFSET DISC	2,38	SEPT	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
BORDER DISC	5,53	SEPT	1.00	0.486	0.368	1.15	2.19	0.0	4.03	7.37
DITCHER BLADE	5,48	SEPT	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
TREE HOE	5,54	SEPT	1.00	0.875	0.663	2.30	3.94	0.0	7.25	13.48
ORCH SPRAYR	5,51	OCT	1.00	0.168	0.127	1.63	0.75	28.89	5.28	36.55
OFFSET DISC	2,38	NOV	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
BORDER DISC	5,53	NOV	1.00	0.486	0.368	1.15	2.19	0.0	4.03	7.37
DITCHER BLADE	5,48	NOV	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
TREE HOE	5,54	NOV	1.00	0.875	0.663	2.30	3.94	0.0	7.25	13.48
TOTALS				7.184	5.443	28.46	32.33	110.43	81.56	252.78

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	15.00	0.0	21.75
WATER APPLICATION	MAY	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	JULY	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	SEPT	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	NOV	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
TOTALS		30.00	7.500	0.0	0.0	33.75	75.00	0.0	108.75

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF ORANGES (DOLLARS)

QUANTITY OF ORANGES (TON)	80.00	90.00	100.00	110.00	120.00
0.96	-512.24	-502.64	-493.04	-483.44	-473.84
1.08	-502.64	-491.84	-481.04	-470.24	-459.44
1.20	-493.04	-481.04	-469.04	-457.04	-445.04
1.32	-483.44	-470.24	-457.04	-443.84	-430.64
1.44	-473.84	-459.44	-445.04	-430.64	-416.24

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

ORANGES, MATURE GROVE, IRRIGATED, TEXAS RIO GRANDE VALLEY
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
ORANGES	11.00	TON	100.00	1100.00	________
TOTAL PROJECTED RETURNS				$ 1100.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*NITROGEN (DRY)	116.00	LB.	0.27	31.32	________
*HERBICIDE	3.00	ACRE	28.89	86.67	________
*INSECTICIDE	3.00	APPL	60.00	180.00	________
INSECT. APPL.	3.00	APPL	20.00	60.00	________
*IRRIG. WATER	5.00	APPL	15.00	75.00	________
TREE REPLACEMNT	1.00	TREE	5.00	5.00	________
IRRIGATION WATER	30.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		17.39	________
EQUIPMENT		ACRE		2.26	________
REPAIRS------TRACTOR		ACRE		4.63	________
EQUIPMENT		ACRE		6.79	________
LABOR--------MACHINERY	7.18	HOUR	4.50	32.33	________
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	162.94	DOL.	0.130	21.18	________
SUBTOTAL, PREHARVEST		ACRE		$ 587.74	$________
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		$ 0.0	$________
TOTAL VARIABLE COSTS		ACRE		$ 587.74	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 53.43/TON		ORANGES	
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 512.26	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		53.81	________
EQUIPMENT		ACRE		30.47	________
LAND-CASH RENT	1.00	ACRE	105.00	105.00	________
PRORATED ESTABL	3900.43	DOL.	0.10	390.04	________
TOTAL FIXED COSTS		ACRE		$ 579.32	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 1167.06	$________
BREAK-EVEN PRICE, TOTAL COSTS		$106.10/TON		ORANGES	
6. NET PROJECTED RETURNS		ACRE		$ -67.06	$________

CROP SOLD ON TREES.

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ORANGES, MATURE GROVE, IRRIGATED, TEXAS RIO GRANDE VALLEY
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
FERT.APPL,RNTD	5,60	JAN	0.50	0.081	0.062	0.18	0.37	15.66	0.60	16.81
BORDER DISC	5,53	FEB	1.00	0.486	0.368	1.15	2.19	0.0	4.03	7.37
DITCHER BLADE	5,48	FEB	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
TREE HOE	5,54	FEB	1.00	0.875	0.663	2.30	3.94	0.0	7.25	13.48
FERT.APPL,RNTD	5,60	FEB	0.50	0.081	0.062	0.18	0.37	15.66	0.60	16.81
OFFSET DISC	2,38	MAR	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
BORDER DISC	5,53	MAR	1.00	0.486	0.368	1.15	2.19	0.0	4.03	7.37
TREE HOE	5,54	MAR	1.00	0.875	0.663	2.30	3.94	0.0	7.25	13.48
DITCHER BLADE	5,48	APR	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
ORCH SPRAYR	5,51	APR	1.00	0.168	0.127	1.63	0.75	28.89	5.28	36.55
OFFSET DISC	2,38	MAY	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
DITCHER BLADE	5,48	JUNE	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
OFFSET DISC	2,38	JULY	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
ORCH SPRAYR	5,51	JULY	1.00	0.168	0.127	1.63	0.75	28.89	5.28	36.55
DITCHER BLADE	5,48	AUG	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
OFFSET DISC	2,38	SEPT	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
BORDER DISC	5,53	SEPT	1.00	0.486	0.368	1.15	2.19	0.0	4.03	7.37
TREE HOE	5,54	SEPT	1.00	0.875	0.663	2.30	3.94	0.0	7.25	13.48
DITCHER BLADE	5,48	OCT	0.01	0.005	0.004	0.01	0.02	0.0	0.06	0.10
ORCH SPRAYR	5,51	OCT	1.00	0.168	0.127	1.63	0.75	28.89	5.28	36.55
OFFSET DISC	2,38	NOV	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
BORDER DISC	5,53	NOV	1.00	0.486	0.368	1.15	2.19	0.0	4.03	7.37
TREE HOE	5,54	NOV	1.00	0.875	0.663	2.30	3.94	0.0	7.25	13.48
TOTALS				7.184	5.443	28.46	32.33	117.99	81.56	260.34

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	FEB	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	APR	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	JUNE	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	AUG	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	OCT	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
TOTALS		30.00	7.500	0.0	0.0	33.75	75.00	0.0	108.75

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF ORANGES (DOLLARS)

	TON	80.00	90.00	100.00	110.00	120.00
	8.80	116.26	204.26	292.26	380.26	468.26
	9.90	204.26	303.26	402.26	501.26	600.26
QUANTITY OF ORANGES	11.00	292.26	402.26	512.26	622.26	732.26
	12.10	380.26	501.26	622.26	743.26	864.26
	13.20	468.26	600.26	732.26	864.26	996.26

ORANGES, PURCHASED MATURE GROVE, IRRIGATED, TEXAS RIO GRANDE VALLEY
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
ORANGES	11.00	TON	100.00	1100.00	________
TOTAL PROJECTED RETURNS				$ 1100.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
NITROGEN (DRY)	116.00	LB.	0.27	31.32	________
*INSECTICIDE	3.00	APPL	60.00	180.00	________
HERBICIDE	3.00	ACRE	28.89	86.67	________
*INSECTICIDE	4.00	APPL	27.25	109.00	________
*IRRIG. WATER	5.00	APPL	15.00	75.00	________
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		0.0	________
REPAIRS------TRACTOR		ACRE		0.0	________
LABOR--------MACHINERY	0.0	HOUR	4.50	0.0	________
IRRIGATION	7.50	HOUR	4.50	33.75	________
OPERATING CAPITAL	194.52	DOL.	0.130	25.29	________
SUBTOTAL, PREHARVEST		ACRE		$ 606.03	$________
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		$ 0.0	$________
TOTAL VARIABLE COSTS		ACRE		$ 606.03	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 55.09/TON		ORANGES	
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 493.97	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		0.0	________
EQUIPMENT		ACRE		0.0	________
LAND-CASH RENT	1.00	ACRE	105.00	105.00	________
RETURN ON INVEST	3500.00	DOL.	0.06	210.00	________
TOTAL FIXED COSTS		ACRE		$ 315.00	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 921.03	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 83.73/TON		ORANGES	
6. NET PROJECTED RETURNS		ACRE		$ 178.97	$________

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ORANGES, PURCHASED MATURE GROVE, IRRIGATED, TEXAS RIO GRANDE VALLEY
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
TOTALS				0.0	0.0	0.0	0.0	0.0	0.0	0.0

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	MAR	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	MAY	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	JULY	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	SEPT	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	NOV	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
TOTALS		30.00	7.500	0.0	0.0	33.75	75.00	0.0	108.75

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF ORANGES (DOLLARS)

QUANTITY OF ORANGES (TON)	80.00	90.00	100.00	110.00	120.00
8.80	97.97	185.97	273.97	361.97	449.97
9.90	185.97	284.97	383.97	482.97	581.97
11.00	273.97	383.97	493.97	603.97	713.97
12.10	361.97	482.97	603.97	724.97	845.97
13.20	449.97	581.97	713.97	845.97	977.97

CORN, IRRIGATED, TEXAS RIO GRANDE VALLEY REGION
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
CORN	80.00	BU.	3.00	240.00	________
DEFICIENCY PMT.	80.00	BU.	0.48	38.40	________
TOTAL PROJECTED RETURNS			$	278.40	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*SEED CORN/GRAIN	10.00	LB.	1.10	11.00	________
*NITROGEN (DRY)	150.00	LB.	0.27	40.50	________
*PHOSPHATE	50.00	LB.	0.25	12.50	________
HERBICIDE	1.00	LB.	7.00	7.00	________
*IRRIG. WATER	3.00	APPL	15.00	45.00	________
SOIL INSEC.	1.00	ACRE	10.44	10.44	________
IRRIGATION WATER	18.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		12.70	________
EQUIPMENT		ACRE		0.27	________
REPAIRS------TRACTOR		ACRE		4.14	________
EQUIPMENT		ACRE		2.57	________
LABOR--------MACHINERY	2.32	HOUR	4.50	10.44	________
IRRIGATION	4.50	HOUR	4.50	20.25	________
EQUIPMENT	0.12	HOUR	4.50	0.54	________
OPERATING CAPITAL	41.23	DOL.	0.130	5.36	________
SUBTOTAL, PREHARVEST		ACRE	$	182.72	$________
HARVEST COSTS					
CUS. HARV. CORN	1.00	ACRE	15.00	15.00	________
CUSTOM HAUL	44.80	CWT.	0.25	11.20	________
SUBTOTAL, HARVEST		ACRE	$	26.20	$________
TOTAL VARIABLE COSTS		ACRE	$	208.92	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 2.13/BU.		CORN	
3. INCOME ABOVE VARIABLE COSTS		ACRE	$	69.48	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		24.90	________
EQUIPMENT		ACRE		12.19	________
LAND-CASH RENT	1.00	ACRE	55.00	55.00	________
TOTAL FIXED COSTS		ACRE	$	92.09	$________
5. TOTAL PROJECTED COSTS		ACRE	$	301.01	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 3.28/BU.		CORN	
6. NET PROJECTED RETURNS		ACRE	$	-22.61	$________

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

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.

CORN, 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	4,46	JULY	1.00	0.283	0.214	1.34	1.27	0.0	4.41	7.03
OFFSET DISC	2,38	JULY	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
MOLDBOARD PLOW	2,30	AUG	0.50	0.285	0.216	2.66	1.28	0.0	5.37	9.31
CHISEL PLOW	2,32	AUG	0.50	0.101	0.076	0.89	0.45	0.0	1.52	2.86
OFFSET DISC	2,38	SEPT	1.00	0.210	0.159	1.87	0.95	0.0	3.82	6.63
BEDDER 6R	2,35	DEC	1.00	0.151	0.115	1.27	0.68	0.0	2.02	3.97
FERT.APPL,RNTD	2,59	JAN	1.00	0.203	0.154	1.57	0.91	53.00	2.16	57.64
RLNG CULT 6R	2,34	FEB	1.00	0.194	0.147	1.80	0.88	0.0	2.78	5.45
PLANTER 6R	2,36	FEB	1.25	0.252	0.191	2.44	1.13	11.00	4.61	19.19
CULTIVATOR 6R	2,44	MAR	1.00	0.207	0.157	1.80	0.93	0.0	3.00	5.73
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	1.80	0.93	0.0	3.00	5.73
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				2.321	1.758	19.37	10.44	64.00	36.76	130.58

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	15.00	0.0	21.75
WATER APPLICATION	APR	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
WATER APPLICATION	MAY	6.00	1.500	0.0	0.0	6.75	15.00	0.0	21.75
TOTALS		18.00	4.500	0.0	0.0	20.25	45.00	0.0	65.25

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 CORN (DOLLARS)

QUANTITY OF CORN (BU.)	2.40	2.70	3.00	3.30	3.60
64.00	-22.36	-3.16	16.04	35.24	54.44
72.00	-0.44	21.16	42.76	64.36	85.96
80.00	21.48	45.48	69.48	93.48	117.48
88.00	43.40	69.80	96.20	122.60	149.00
96.00	65.32	94.12	122.92	151.72	180.52

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

BROCCOLI, IRRIGATED, RIO GRANDE VALLEY REGION
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
BROCCOLI	350.00	CRTN	7.32	2562.00	________
TOTAL PROJECTED RETURNS				$ 2562.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*SEED	1.00	LB.	120.00	120.00	________
*NITROGEN (DRY)	30.00	LB.	0.27	8.10	________
*PHOSPHATE	60.00	LB.	0.25	15.00	________
*POTASH	30.00	LB.	0.13	3.90	________
*NITROGEN-LIQUID	180.00	LB.	0.21	37.80	________
*HERBICIDE	1.00	APPL	39.40	39.40	________
*INSECTICIDE	3.00	APPL	6.04	18.12	________
*FUNGICIDE	2.00	APPL	4.78	9.56	________
PESTICIDE APPL.	3.00	ACRE	4.50	13.50	________
*IRRIGATION WATER	4.00	APPL	15.00	60.00	________
IRRIGATION WATER	24.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		12.15	________
EQUIPMENT		ACRE		1.45	________
REPAIRS------TRACTOR		ACRE		3.10	________
EQUIPMENT		ACRE		3.62	________
LABOR--------MACHINERY	2.66	HOUR	4.50	11.97	________
IRRIGATION	24.00	HOUR	4.50	108.00	________
EQUIPMENT	0.63	HOUR	4.50	2.83	________
OTHER	12.00	HOUR	4.50	54.00	________
OPERATING CAPITAL	51.51	DOL.	0.130	6.70	________
SUBTOTAL, PREHARVEST		ACRE		$ 529.20	$________
HARVEST COSTS					
HARVEST & HAUL	350.00	CRTN	1.45	507.50	________
PACK & COUNT	350.00	CRTN	2.80	980.00	________
MARKETING	350.00	CRTN	0.40	140.00	________
SUBTOTAL, HARVEST		ACRE		$ 1627.50	$________
TOTAL VARIABLE COSTS		ACRE		$ 2156.70	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 6.16/CRTN BROCCOLI			
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 405.30	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		27.69	________
EQUIPMENT		ACRE		13.29	________
LAND-CASH RENT	1.00	ACRE	90.00	90.00	________
TOTAL FIXED COSTS		ACRE		$ 130.98	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 2287.68	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 6.54/CRTN BROCCOLI			
6. NET PROJECTED RETURNS		ACRE		$ 274.32	$________

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BROCCOLI, IRRIGATED, 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	AUG	1.00	0.283	0.214	0.86	1.27	0.0	3.04	5.17
MOLDBOARD PLOW	4,31	AUG	1.00	0.451	0.342	2.99	2.03	0.0	8.13	13.15
OFFSET DISC	4,38	AUG	2.00	0.421	0.319	2.42	1.89	0.0	8.16	12.47
FLOAT PLANE	2,45	AUG	1.00	0.216	0.164	1.90	0.97	0.0	3.32	6.20
BEDDER 6R	2,35	AUG	1.00	0.151	0.115	1.37	0.68	0.0	2.02	4.07
FERT.APPL,RNTD	4,59	SEPT	1.00	0.203	0.154	0.93	0.91	27.00	2.41	31.25
HERB SPRAYR 6R	5,47	SEPT	1.00	0.209	0.159	0.63	0.94	39.40	1.85	42.83
STANHAY PLANTR	2,58	SEPT	1.00	0.310	0.235	3.69	1.40	120.00	4.30	129.39
CULTIVATOR 6R	2,44	OCT	1.00	0.207	0.157	1.93	0.93	0.0	3.00	5.86
CULTIVATOR 6R	2,44	NOV	1.00	0.207	0.157	1.93	0.93	0.0	3.00	5.86
TOTALS				2.660	2.015	18.65	11.97	186.40	39.24	256.25

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	SEPT	6.00	6.000	0.0	0.0	27.00	52.80	0.0	79.80
WATER APPLICATION	OCT	6.00	6.000	0.0	0.0	27.00	15.00	0.0	42.00
WATER APPLICATION	NOV	6.00	6.000	0.0	0.0	27.00	15.00	0.0	42.00
WATER APPLICATION	DEC	6.00	6.000	0.0	0.0	27.00	15.00	0.0	42.00
TOTALS		24.00	24.000	0.0	0.0	108.00	97.80	0.0	205.80

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 BROCCOLI (DOLLARS)

QUANTITY OF BROCCOLI (CRTN)	5.86	6.59	7.32	8.05	8.78
280.00	-191.52	13.44	218.40	423.36	628.32
315.00	-149.31	81.27	311.85	542.43	773.01
350.00	-107.10	149.10	405.30	661.50	917.70
385.00	-64.89	216.93	498.75	780.57	1062.39
420.00	-22.68	284.76	592.20	899.64	1207.08

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

JALAPENO PEPPERS, IRRIGATED, RIO GRANDE VALLEY
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
JALAPENOS	160.00	CWT.	20.00	3200.00	________
TOTAL PROJECTED RETURNS				$ 3200.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*SEED-JALAPENO	3.00	LB.	25.00	75.00	________
*NITROGEN (DRY)	100.00	LB.	0.27	27.00	________
*PHOSPHATE	60.00	LB.	0.25	15.00	________
*HERBICIDE	2.00	ACRE	35.75	71.50	________
*INSECTICIDE	15.00	APPL	5.15	77.25	________
PESTICIDE APPL.	15.00	ACRE	4.50	67.50	________
*IRRIGATION WATER	10.00	APPL	15.00	150.00	________
IRRIGATION WATER	60.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		26.84	________
EQUIPMENT		ACRE		1.45	________
REPAIRS------TRACTOR		ACRE		6.71	________
EQUIPMENT		ACRE		4.94	________
LABOR--------MACHINERY	6.11	HOUR	4.50	27.51	________
IRRIGATION	60.00	HOUR	4.50	270.00	________
EQUIPMENT	0.63	HOUR	4.50	2.83	________
OPERATING CAPITAL	50.73	DOL.	0.130	6.60	________
SUBTOTAL, PREHARVEST		ACRE		$ 830.12	$________
HARVEST COSTS					
HARVEST	160.00	CWT.	7.00	1120.00	________
PACK & COUNT	160.00	CWT.	1.35	216.00	________
MARKETING	160.00	CRTN	0.40	64.00	________
SUBTOTAL, HARVEST		ACRE		$ 1400.00	$________
TOTAL VARIABLE COSTS		ACRE		$ 2230.12	$________

BREAK-EVEN PRICE, VARIABLE COSTS $ 13.94/CWT. JALAPENOS

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 969.88	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		61.51	________
EQUIPMENT		ACRE		28.70	________
LAND-CASH RENT	1.00	ACRE	90.00	90.00	________
TOTAL FIXED COSTS		ACRE		$ 180.21	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 2410.33	$________

BREAK-EVEN PRICE, TOTAL COSTS $ 15.06/CWT. JALAPENOS

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
6. NET PROJECTED RETURNS		ACRE		$ 789.67	$________

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JALAPENO PEPPERS, IRRIGATED, RIO GRANDE VALLEY
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	DEC	1.00	0.283	0.214	0.86	1.27	0.0	3.04	5.17
MOLDBOARD PLOW	1,31	DEC	1.00	0.451	0.342	5.30	2.03	0.0	9.36	16.69
CHISEL PLOW	4,33	DEC	1.00	0.168	0.127	0.96	0.76	0.0	2.81	4.52
OFFSET DISC	1,38	DEC	1.00	0.210	0.159	2.29	0.95	0.0	4.66	7.89
FLOAT PLANE	4,45	DEC	1.00	0.216	0.164	1.09	0.97	0.0	3.60	5.65
BEDDER 6R	1,35	JAN	2.00	0.302	0.229	3.14	1.36	0.0	5.25	9.75
FERT.APPL,RNTD	2,59	JAN	1.00	0.203	0.154	1.70	0.91	17.70	2.16	22.47
ROTOVATOR 4R	1,42	JAN	1.00	0.233	0.176	2.74	1.05	0.0	4.74	8.53
HERB SPRAYR 6R	4,47	JAN	1.00	0.209	0.159	1.07	0.94	35.75	2.87	40.64
STANHAY PLANTR .	1,58	JAN	1.00	0.310	0.235	4.10	1.40	75.00	5.54	86.04
DITCHER BLADE	5,48	JAN	1.00	0.504	0.382	1.34	2.27	0.0	6.34	9.95
FERT.APPL,RNTD	2,59	FEB	1.00	0.203	0.154	1.70	0.91	10.80	2.16	15.57
HERB SPRAYR 6R	4,47	FEB	1.00	0.209	0.159	1.07	0.94	35.75	2.87	40.64
RLNG CULT 6R	2,34	FEB	1.00	0.194	0.147	1.92	0.88	0.0	2.78	5.58
DITCHER BLADE	5,48	FEB	1.00	0.504	0.382	1.34	2.27	0.0	6.34	9.95
FERT.APPL,RNTD	2,59	MAR	1.00	0.203	0.154	1.70	0.91	13.50	2.16	18.27
RLNG CULT 6R	2,34	MAR	1.00	0.194	0.147	1.92	0.88	0.0	2.78	5.58
DITCHER BLADE	5,48	MAR	1.00	0.504	0.382	1.34	2.27	0.0	6.34	9.95
DITCHER BLADE	5,48	APR	1.00	0.504	0.382	1.34	2.27	0.0	6.34	9.95
DITCHER BLADE	5,48	MAY	1.00	0.504	0.382	1.34	2.27	0.0	6.34	9.95
TOTALS				6.112	4.631	38.26	27.51	188.50	88.47	342.74

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	JAN	12.00	12.000	0.0	0.0	54.00	30.00	0.0	84.00
WATER APPLICATION	FEB	12.00	12.000	0.0	0.0	54.00	30.00	0.0	84.00
WATER APPLICATION	MAR	12.00	12.000	0.0	0.0	54.00	30.00	0.0	84.00
WATER APPLICATION	APR	12.00	12.000	0.0	0.0	54.00	30.00	0.0	84.00
WATER APPLICATION	MAY	12.00	12.000	0.0	0.0	54.00	30.00	0.0	84.00
TOTALS		60.00	60.000	0.0	0.0	270.00	150.00	0.0	420.00

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 JALAPENOS (DOLLARS)

	CWT.	16.00	18.00	20.00	22.00	24.00
QUANTITY OF JALAPENOS	128.00	97.88	353.88	609.88	865.88	1121.88
	144.00	213.88	501.88	789.88	1077.88	1365.88
	160.00	329.88	649.88	969.88	1289.88	1609.88
	176.00	445.88	797.88	1149.88	1501.88	1853.88
	192.00	561.88	945.88	1329.88	1713.88	2097.88

PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 01/23/84. B-1241(C17)

CHILI PEPPERS, IRRIGATED, RIO GRANDE VALLEY
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
CHILI PEPPERS	140.00	CWT.	28.00	3920.00	________
TOTAL PROJECTED RETURNS				$ 3920.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*SD-CHILI PEPPERS	3.00	LB.	25.00	75.00	________
*NITROGEN (DRY)	100.00	LB.	0.27	27.00	________
*PHOSPHATE	60.00	LB.	0.25	15.00	________
*HERBICIDE	2.00	ACRE	35.75	71.50	________
*INSECTICIDE	15.00	APPL	5.15	77.25	________
PESTICIDE APPL.	15.00	ACRE	4.50	67.50	________
*IRRIGATION WATER	10.00	APPL	15.00	150.00	________
IRRIGATION WATER	60.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		25.54	________
EQUIPMENT		ACRE		1.45	________
REPAIRS------TRACTOR		ACRE		6.32	________
EQUIPMENT		ACRE		4.94	________
LABOR--------MACHINERY	5.91	HOUR	4.50	26.59	________
IRRIGATION	60.00	HOUR	4.50	270.00	________
EQUIPMENT	0.63	HOUR	4.50	2.83	________
OPERATING CAPITAL	-25.87	DOL.	0.130	-3.36	________
SUBTOTAL, PREHARVEST		ACRE		$ 817.55	$________
HARVEST COSTS					
HARVEST	140.00	CWT.	7.00	980.00	________
PACK & COUNT	140.00	CWT.	1.35	189.00	________
MARKETING	140.00	CWT.	0.30	42.00	________
SUBTOTAL, HARVEST		ACRE		$ 1211.00	$________
TOTAL VARIABLE COSTS		ACRE		$ 2028.55	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 14.49/CWT. CHILI PEPPERS			
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 1891.45	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		59.36	________
EQUIPMENT		ACRE		28.69	________
LAND-CASH RENT	1.00	ACRE	90.00	90.00	________
TOTAL FIXED COSTS		ACRE		$ 178.06	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 2206.61	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 15.76/CWT. CHILI PEPPERS			
6. NET PROJECTED RETURNS		ACRE		$ 1713.39	$________

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CHILI PEPPERS, IRRIGATED, RIO GRANDE VALLEY
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	DEC	1.00	0.283	0.214	0.86	1.27	0.0	3.04	5.17
MOLDBOARD PLOW	1,31	DEC	1.00	0.451	0.342	5.30	2.03	0.0	9.36	16.69
CHISEL PLOW	4,33	DEC	1.00	0.168	0.127	0.96	0.76	0.0	2.81	4.52
OFFSET DISC	1,38	DEC	1.00	0.210	0.159	2.29	0.95	0.0	4.66	7.89
FLOAT PLANE	4,45	DEC	1.00	0.216	0.164	1.09	0.97	0.0	3.60	5.65
BEDDER 6R	1,35	JAN	2.00	0.302	0.229	3.14	1.36	0.0	5.25	9.75
ROTOVATOR 4R	1,42	JAN	1.00	0.233	0.176	2.74	1.05	0.0	4.74	8.53
HERB SPRAYR 6R	4,47	JAN	1.00	0.209	0.159	1.07	0.94	35.75	2.87	40.64
STANHAY PLANTR	1,58	JAN	1.00	0.310	0.235	4.10	1.40	75.00	5.54	86.04
DITCHER BLADE	5,48	JAN	1.00	0.504	0.382	1.34	2.27	0.0	6.34	9.95
FERT.APPL,RNTD	2,59	FEB	1.00	0.203	0.154	1.70	0.91	10.80	2.16	15.57
HERB SPRAYR 6R	4,47	FEB	1.00	0.209	0.159	1.07	0.94	35.75	2.87	40.64
RLNG CULT 6R	2,34	FEB	1.00	0.194	0.147	1.92	0.88	0.0	2.78	5.58
DITCHER BLADE	5,48	FEB	1.00	0.504	0.382	1.34	2.27	0.0	6.34	9.95
FERT.APPL,RNTD	2,59	MAR	1.00	0.203	0.154	1.70	0.91	13.50	2.16	18.27
RLNG CULT 6R	2,34	MAR	1.00	0.194	0.147	1.92	0.88	0.0	2.78	5.58
DITCHER BLADE	5,48	MAR	1.00	0.504	0.382	1.34	2.27	0.0	6.34	9.95
DITCHER BLADE	5,48	APR	1.00	0.504	0.382	1.34	2.27	0.0	6.34	9.95
DITCHER BLADE	5,48	MAY	1.00	0.504	0.382	1.34	2.27	0.0	6.34	9.95
TOTALS				5.909	4.477	36.57	26.59	170.80	86.31	320.27

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	JAN	12.00	12.000	0.0	0.0	54.00	30.00	0.0	84.00
WATER APPLICATION	FEB	12.00	12.000	0.0	0.0	54.00	30.00	0.0	84.00
WATER APPLICATION	MAR	12.00	12.000	0.0	0.0	54.00	30.00	0.0	84.00
WATER APPLICATION	APR	12.00	12.000	0.0	0.0	54.00	30.00	0.0	84.00
WATER APPLICATION	MAY	12.00	12.000	0.0	0.0	54.00	30.00	0.0	84.00
TOTALS		60.00	60.000	0.0	0.0	270.00	150.00	0.0	420.00

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF CHILI PEPPERS (DOLLARS)

	CWT.	22.40	25.20	28.00	30.80	33.60
QUANTITY OF CHILI PEPPERS	112.00	722.45	1036.05	1349.65	1663.25	1976.85
	126.00	914.95	1267.75	1620.55	1973.35	2326.14
	140.00	1107.45	1499.45	1891.45	2283.44	2675.44
	154.00	1299.95	1731.15	2162.34	2593.54	3024.74
	168.00	1492.45	1962.85	2433.24	2903.64	3374.04