DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
06/20/88	HARVEST	A	WATERMELON	DRYLAND	100.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
10/11/87	PREHARVEST	M	CHISELING	18 FT	1.0000			.00
10/31/87	PREHARVEST	M	CHISELING	18 FT	1.0000			.00
02/06/88	PREHARVEST	M	CHISELING	18 FT	1.0000			.00
02/11/88	PREHARVEST	M	CHISELING	18 FT	1.0000			.00
02/16/88	PREHARVEST	E	SEED	WMELOND	3.0000	C	V	.00
02/16/88	PREHARVEST	E	NITROGEN (LIQ)		40.0000	C	V	.00
02/16/88	PREHARVEST	E	PHOSPHATE		60.0000	C	V	.00
02/21/88	PREHARVEST	E	HERBICIDE	WATERMEL	1.0000	C	V	.00
03/01/88	PREHARVEST	G	BEE RENT		1.0000	C	V	.00
03/10/88	PREHARVEST	M	CULTIVATING	6 ROW	1.0000			.00
03/10/88	PREHARVEST	E	INSECTICIDE	WATERMEL	1.0000	C	V	.00
03/10/88	PREHARVEST	E	FUNGICIDE	WATERMEL	1.0000	C	V	.00
03/10/88	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
03/25/88	PREHARVEST	M	CULTIVATING	6 ROW	1.0000			.00
04/10/88	PREHARVEST	E	INSECTICIDE	WATERMEL	1.0000	C	V	.00
04/10/88	PREHARVEST	E	FUNGICIDE	WATERMEL	1.0000	C	V	.00
04/10/88	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
04/15/88	PREHARVEST	M	CULTIVATING	ROLLING	1.5000			.00
04/30/88	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
05/10/88	PREHARVEST	E	INSECTICIDE	WATERMEL	1.0000	C	V	.00
05/10/88	PREHARVEST	E	FUNGICIDE	WATERMEL	1.0000	C	V	.00
05/10/88	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
05/15/88	PREHARVEST	M	CULTIVATING	ROLLING	1.5000			.00
05/20/88	PREHARVEST	H	HIRED LABOR		8.0000	C	V	.00
06/20/88	HARVEST	G	HARVEST & SELL	WATERMEL	100.0000	C	V	.00
06/30/88		K	CASH-RENT	WATERMEL	1.0000		F	.00

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Projections for Planning Purposes Only
Not to be Used without Updating after January 26, 1988.

WATERMELONS, IRRIGATED
South Texas District (12)
1988 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
WATERMELON IRRI.	150.000	cwt.	6.0000	900.00	
Total GROSS Income				900.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
PHOSPHATE	60.000	lb.	.250	15.00	
POTASH	20.000	lb.	.130	2.60	
BEE RENT	1.000	hive	45.000	45.00	
SEED	0.750	lb.	90.000	67.50	
HERBICIDE	1.000	acre	48.000	48.00	
NITROGEN (LIQ)	80.000	lb.	.210	16.80	
IRRIGATION	6.000	AcIn	1.333	8.00	
INSECTICIDE	1.000	appl	4.000	4.00	
PESTICIDE APPL.	1.000	acre	4.500	4.50	
FUNGICIDE	1.000	appl	4.660	4.66	
IRRIGATION	6.000	AcIn	1.333	8.00	
INSECTICIDE	1.000	appl	4.000	4.00	
PESTICIDE APPL.	1.000	acre	4.500	4.50	
FUNGICIDE	1.000	appl	4.660	4.66	
INSECTICIDE	1.000	appl	4.000	4.00	
PESTICIDE APPL.	1.000	acre	4.500	4.50	
FUNGICIDE	1.000	appl	4.660	4.66	
IRRIGATION	6.000	AcIn	1.333	8.00	
INSECTICIDE	1.000	appl	4.000	4.00	
PESTICIDE APPL.	1.000	acre	4.500	4.50	
FUNGICIDE	1.000	appl	4.660	4.66	
Fuel & Lube - Machinery		Acre		13.86	
Repairs - Machinery		Acre		3.72	
Labor - Machinery	2.920	Hour	5.001	14.60	
- Other	10.000	Hour	4.500	45.00	
- Irrigation	4.500	Hour	4.500	20.25	
Total PREHARVEST				368.97	
HARVEST					
HARVEST & SELL	150.000	cwt.	2.000	300.00	
Total HARVEST				300.00	
Interest - OC Borrowed	93.527	Dol.	0.110	10.29	
Interest - Positive Cash	-6.306	Dol.	0.053	-0.33	
Total VARIABLE COST				678.93	

Break-Even Price, Total Variable Cost $ 4.52 per cwt. of WATERMELON

GROSS INCOME minus VARIABLE COST	221.07	

FIXED COST Description	Unit	Total	Your Estimate
Machinery and Equipment	Acre	42.56	
Land	Acre	30.00	
Total FIXED Cost		72.56	

Break-Even Price, Total Cost $ 5.00 per cwt. of WATERMELON

Total of ALL Cost	751.48	
NET PROJECTED RETURNS	148.52	

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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
06/20/88	HARVEST	A	WATERMELON	IRRI.	150.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
10/11/87	PREHARVEST	M	CHISELING	18 FT	1.0000			.00
10/31/87	PREHARVEST	M	CHISELING	18 FT	1.0000			.00
01/21/88	PREHARVEST	E	PHOSPHATE		60.0000	C	V	.00
01/21/88	PREHARVEST	E	POTASH		20.0000	C	V	.00
02/02/88	PREHARVEST	G	BEE RENT		1.0000	C	V	.00
02/06/88	PREHARVEST	M	CHISELING	18 FT	1.0000			.00
02/11/88	PREHARVEST	M	CHISELING	18 FT	1.0000			.00
02/21/88	PREHARVEST	E	SEED	WMELONI	.7500	C	V	.00
02/29/88	PREHARVEST	E	HERBICIDE	WATERMEL	1.0000	C	V	.00
03/10/88	PREHARVEST	M	CULTIVATING	6 ROW	1.0000			.00
03/15/88	PREHARVEST	O	IRRIGATION		6.0000			.00
03/15/88	PREHARVEST	E	NITROGEN (LIQ)		80.0000	C	V	.00
03/25/88	PREHARVEST	M	CULTIVATING	6 ROW	1.0000			.00
04/05/88	PREHARVEST	M	CULTIVATING	ROLLING	1.0000			.00
04/10/88	PREHARVEST	E	INSECTICIDE	WATERMEL	1.0000	C	V	.00
04/10/88	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
04/10/88	PREHARVEST	E	FUNGICIDE	WATERMEL	1.0000	C	V	.00
04/15/88	PREHARVEST	M	CULTIVATING	ROLLING	1.0000			.00
04/20/88	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
04/20/88	PREHARVEST	O	IRRIGATION		6.0000			.00
04/25/88	PREHARVEST	E	INSECTICIDE	WATERMEL	1.0000	C	V	.00
04/25/88	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
04/25/88	PREHARVEST	E	FUNGICIDE	WATERMEL	1.0000	C	V	.00
04/30/88	PREHARVEST	M	CULTIVATING	ROLLING	1.0000			.00
05/05/88	PREHARVEST	M	CULTIVATING	ROLLING	1.0000			.00
05/10/88	PREHARVEST	E	INSECTICIDE	WATERMEL	1.0000	C	V	.00
05/10/88	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
05/10/88	PREHARVEST	E	FUNGICIDE	WATERMEL	1.0000	C	V	.00
05/15/88	PREHARVEST	O	IRRIGATION		6.0000			.00
05/20/88	PREHARVEST	M	CULTIVATING	ROLLING	1.0000			.00
05/25/88	PREHARVEST	E	INSECTICIDE	WATERMEL	1.0000	C	V	.00
05/25/88	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
05/25/88	PREHARVEST	E	FUNGICIDE	WATERMEL	1.0000	C	V	.00
05/30/88	PREHARVEST	M	CULTIVATING	ROLLING	1.0000			.00
05/30/88	PREHARVEST	H	HIRED LABOR		10.0000	C	V	.00
06/20/88	HARVEST	G	HARVEST & SELL	WATERMEL	150.0000	C	V	.00
06/30/88		K	CASH-RENT	WATERMEL	1.0000		F	.00

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Projections for Planning Purposes Only
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GRAPEFRUIT ESTABLISHMENT - YEAR 1 (145 TREES/ACRE)

South Texas District (12)
1988 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
-WARNING- No gross receipts					

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
YEAR 1					
HERB., PREEMERGE	1.400	qt.	15.000	21.00	
LAND PREP./LEVEL	1.000	acre	100.000	100.00	
TREE	145.000	tree	4.500	652.50	
LAYOUT/PLANT	145.000	tree	1.000	145.00	
TREE INSURANCE	1.000	acre	25.580	25.58	
IRRIGATION	6.000	AcIn	0.666	4.00	
IRRIGATION	6.000	AcIn	0.666	4.00	
NITROGEN	4.750	lb.	.260	1.23	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
MITICIDE	0.300	qt.	8.280	2.48	
INSECTICIDE	0.300	qt.	9.700	2.91	
INSECTICIDE APPL	1.000	appl	8.000	8.00	
IRRIGATION	6.000	AcIn	0.666	4.00	
NITROGEN	4.750	lb.	.260	1.23	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
IRRIGATION	6.000	AcIn	0.666	4.00	
IRRIGATION	6.000	AcIn	0.666	4.00	
NITROGEN	4.750	lb.	.260	1.23	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
IRRIGATION	6.000	AcIn	0.666	4.00	
SPOT HERBICIDE	0.500	acre	17.000	8.50	
HERBICIDE APPL.	1.000	appl	12.950	12.95	
IRRIGATION	6.000	AcIn	0.666	4.00	
NITROGEN	4.750	lb.	.260	1.23	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
IRRIGATION	6.000	AcIn	0.666	4.00	
SPOT HERBICIDE	0.500	acre	17.000	8.50	
HERBICIDE APPL.	1.000	appl	12.950	12.95	
IRRIGATION	6.000	AcIn	0.666	4.00	
IRRIGATION	6.000	AcIn	0.666	4.00	
MITICIDE	0.300	qt.	8.280	2.48	
INSECTICIDE	0.300	qt.	9.700	2.91	
INSECTICIDE APPL	1.000	appl	8.000	8.00	
IRRIGATION	6.000	AcIn	0.666	4.00	
IRRIGATION	6.000	AcIn	0.666	4.00	
TREE WRAP	145.000	tree	.600	87.00	
Fuel & Lube - Machinery		Acre		2.26	
Repairs - Machinery		Acre		0.47	
Labor - Machinery	1.093	Hour	5.000	5.47	
- Other	12.000	Hour	4.700	56.40	
- Irrigation	12.000	Hour	4.700	56.40	
Total YEAR 1				1286.70	
Interest - OC Borrowed	1003.340	Dol.	0.110	110.37	
Total VARIABLE COST				1397.07	
GROSS INCOME minus VARIABLE COST				-1397.07	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN. O/H CITRUS	acre	7.50	
Machinery and Equipment	Acre	60.72	
Land	Acre	120.00	
Total FIXED Cost		188.22	
Total of ALL Cost		1585.29	
NET PROJECTED RETURNS		-1585.29	

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.

-WARNING- NO VALID RECEIPTS RECORDS

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
01/16/88	YEAR 1	E	HERB., PREEMERGE	CITRUS	1.4000	C	V	.00
01/16/88	YEAR 1	H	CITRUS LABOR		2.0000	C	V	.00
01/31/88	YEAR 1	G	LAND PREP./LEVEL		1.0000	C	V	.00
02/06/88	YEAR 1	E	TREE	CITRUS	145.0000	C	V	.00
02/06/88	YEAR 1	G	LAYOUT/PLANT	CITRUS	145.0000	C	V	.00
02/06/88	YEAR 1	E	TREE INSURANCE	(LVL-2)	1.0000	C	V	.00
02/11/88	YEAR 1	O	IRRIGATION	CITRUS	6.0000			.00
02/21/88	YEAR 1	O	IRRIGATION	CITRUS	6.0000			.00
02/26/88	YEAR 1	E	NITROGEN		4.7500	C	V	.00
02/26/88	YEAR 1	G	FERTILIZER APPL.	YEAR 1	1.0000	C	V	.00
02/29/88	YEAR 1	M	DISCING-OFFSET	10 FT	1.0000			.00
03/05/88	YEAR 1	E	MITICIDE		.3000	C	V	.00
03/05/88	YEAR 1	E	INSECTICIDE	CITRUS	.3000	C	V	.00
03/05/88	YEAR 1	G	INSECTICIDE APPL	CITRUS	1.0000	C	V	.00
03/10/88	YEAR 1	O	IRRIGATION	CITRUS	6.0000			.00
03/25/88	YEAR 1	O	IRRIGATION	CITRUS	6.0000			.00
03/25/88	YEAR 1	E	NITROGEN		4.7500	C	V	.00
03/25/88	YEAR 1	G	FERTILIZER APPL.	YEAR 1	1.0000	C	V	.00
04/10/88	YEAR 1	O	IRRIGATION	CITRUS	6.0000			.00
04/25/88	YEAR 1	O	IRRIGATION	CITRUS	6.0000			.00
04/25/88	YEAR 1	E	NITROGEN		4.7500	C	V	.00
04/25/88	YEAR 1	G	FERTILIZER APPL.	YEAR 1	1.0000	C	V	.00
05/10/88	YEAR 1	M	DISCING-OFFSET	10 FT	1.0000			.00
05/15/88	YEAR 1	O	IRRIGATION	CITRUS	6.0000			.00
05/15/88	YEAR 1	E	SPOT HERBICIDE		.5000	C	V	.00
05/15/88	YEAR 1	G	HERBICIDE APPL.	SPOT	1.0000	C	V	.00
05/25/88	YEAR 1	E	NITROGEN		4.7500	C	V	.00
05/25/88	YEAR 1	G	FERTILIZER APPL.	YEAR 1	1.0000	C	V	.00
06/15/88	YEAR 1	O	IRRIGATION	CITRUS	6.0000			.00
07/15/88	YEAR 1	O	IRRIGATION	CITRUS	6.0000			.00
07/15/88	YEAR 1	E	SPOT HERBICIDE		.5000	C	V	.00
07/15/88	YEAR 1	G	HERBICIDE APPL.	SPOT	1.0000	C	V	.00
08/10/88	YEAR 1	M	DISCING-OFFSET	10 FT	1.0000			.00
08/15/88	YEAR 1	O	IRRIGATION	CITRUS	6.0000			.00
09/05/88	YEAR 1	E	MITICIDE		.3000	C	V	.00
09/05/88	YEAR 1	E	INSECTICIDE	CITRUS	.3000	C	V	.00
09/05/88	YEAR 1	G	INSECTICIDE APPL	CITRUS	1.0000	C	V	.00
09/15/88	YEAR 1	O	IRRIGATION	CITRUS	6.0000			.00
11/10/88	YEAR 1	M	DISCING-OFFSET	10 FT	1.0000			.00
11/15/88	YEAR 1	O	IRRIGATION	CITRUS	6.0000			.00
12/15/88	YEAR 1	E	TREE WRAP		145.0000	C	V	.00
12/15/88	YEAR 1	H	TREE WRAP/UNWRAP		10.0000	C	V	.00
12/31/88	YEAR 3	K	CITRUS		1.0000	C	F	.00
12/31/88	YEAR 3	E	MISC ADMIN. O/H	CITRUS	1.0000	C	F	.00

GRAPEFRUIT ESTABLISHMENT - YEAR 2 (145 TREES/ACRE)

South Texas District (12)
1988 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate

-WARNING- No gross receipts

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
YEAR 2					
TREE REPLACEMENT	3.000	tree	8.000	24.00	
TREE INSURANCE	1.000	acre	46.500	46.50	
IRRIGATION	12.000	AcIn	0.666	8.00	
NITROGEN	9.250	lb.	.260	2.40	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
HERB., PREEMERGE	1.330	qt.	15.000	19.95	
MITICIDE	0.500	qt.	8.280	4.14	
INSECTICIDE	0.600	qt.	9.700	5.82	
INSECTICIDE APPL	1.000	appl	8.000	8.00	
NITROGEN	9.250	lb.	.260	2.40	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
NITROGEN	9.250	lb.	.260	2.40	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
CONTACT HERB.	1.000	acre	17.500	17.50	
HERBICIDE APPL.	1.000	appl	8.000	8.00	
NITROGEN	9.250	lb.	.260	2.40	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
MITICIDE	0.500	qt.	8.280	4.14	
INSECTICIDE	0.600	qt.	9.700	5.82	
INSECTICIDE APPL	1.000	appl	8.000	8.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
Fuel & Lube - Machinery		Acre		1.69	
Repairs - Machinery		Acre		0.35	
Labor - Machinery	0.820	Hour	5.000	4.10	
- Other	14.000	Hour	4.700	65.80	
- Irrigation	12.000	Hour	4.700	56.40	
Total YEAR 2				349.84	
Interest - OC Borrowed	235.425	Dol.	0.110	25.90	
Total VARIABLE COST				375.73	
GROSS INCOME minus VARIABLE COST				-375.73	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN. O/H CITRUS	acre	7.50	
Machinery and Equipment	Acre	45.54	
Land	Acre	120.00	
Perennial Crop	Acre	79.26	
Total FIXED Cost		252.30	
Total of ALL Cost		628.04	
NET PROJECTED RETURNS		-628.04	

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.

-WARNING- NO VALID RECEIPTS RECORDS

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
02/05/89	YEAR 2	E	TREE REPLACEMENT	3.0000	C	V	.00
02/05/89	YEAR 2	E	TREE INSURANCE (LVL-2)2	1.0000	C	V	.00
02/10/89	YEAR 2	H	TREE WRAP/UNWRAP	5.0000	C	V	.00
02/20/89	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
02/25/89	YEAR 2	E	NITROGEN	9.2500	C	V	.00
02/25/89	YEAR 2	G	FERTILIZER APPL. YEAR 2	1.0000	C	V	.00
02/28/89	YEAR 2	M	DISCING-OFFSET 10 FT	1.0000			.00
03/01/89	YEAR 2	E	HERB., PREEMERGE CITRUS	1.3300	C	V	.00
03/01/89	YEAR 2	H	CITRUS LABOR	2.0000	C	V	.00
03/05/89	YEAR 2	E	MITICIDE	.5000	C	V	.00
03/05/89	YEAR 2	E	INSECTICIDE CITRUS	.6000	C	V	.00
03/05/89	YEAR 2	G	INSECTICIDE APPL CITRUS	1.0000	C	V	.00
03/26/89	YEAR 2	E	NITROGEN	9.2500	C	V	.00
03/26/89	YEAR 2	G	FERTILIZER APPL. YEAR 2	1.0000	C	V	.00
04/15/89	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
04/26/89	YEAR 2	E	NITROGEN	9.2500	C	V	.00
04/26/89	YEAR 2	G	FERTILIZER APPL. YEAR 2	1.0000	C	V	.00
05/15/89	YEAR 2	E	CONTACT HERB.	1.0000	C	V	.00
05/15/89	YEAR 2	G	HERBICIDE APPL. CONTACT	1.0000	C	V	.00
05/20/89	YEAR 2	M	DISCING-OFFSET 10 FT	1.0000			.00
05/26/89	YEAR 2	E	NITROGEN	9.2500	C	V	.00
05/26/89	YEAR 2	G	FERTILIZER APPL. YEAR 2	1.0000	C	V	.00
06/15/89	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
07/15/89	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
08/15/89	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
08/20/89	YEAR 2	M	DISCING-OFFSET 10 FT	1.0000			.00
09/05/89	YEAR 2	E	MITICIDE	.5000	C	V	.00
09/05/89	YEAR 2	E	INSECTICIDE CITRUS	.6000	C	V	.00
09/05/89	YEAR 2	G	INSECTICIDE APPL CITRUS	1.0000	C	V	.00
11/15/89	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
12/15/89	YEAR 2	H	TREE WRAP/UNWRAP	7.0000	C	V	.00
12/31/89	YEAR 2	K	CITRUS	1.0000	C	F	.00
12/31/89	YEAR 2	L	GRAPEFRUIT YEAR 1	1.0000	C	F	.00
12/31/89	YEAR 2	E	MISC ADMIN. O/H CITRUS	1.0000	C	F	.00

Projections for Planning Purposes Only
Not to be Used without Updating after January 26, 1988.

GRAPEFRUIT ESTABLISHMENT - YEAR 3 (145 TREES/ACRE)
South Texas District (12)
1988 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
GRAPEFRUIT	2.000	ton	135.0000	270.00	
Total GROSS Income				270.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
YEAR 3					
TREE INSURANCE	1.000	acre	62.000	62.00	
NITROGEN	24.670	lb.	.260	6.41	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
HERB., SELECTIVE	5.000	qt.	3.600	18.00	
HERB., SELECTIVE	5.000	lb.	3.200	16.00	
MITICIDE	1.000	qt.	8.280	8.28	
INSECTICIDE	1.000	qt.	9.700	9.70	
INSECTICIDE APPL	1.000	appl	21.750	21.75	
INSECTICIDE	0.250	qt.	38.760	9.69	
CITRUS OIL	5.000	gal	4.600	23.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
NITROGEN	24.670	lb.	.260	6.41	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
CONTACT HERB.	1.000	acre	17.500	17.50	
HERBICIDE APPL.	1.000	appl	8.000	8.00	
FUNGICIDE	6.000	lb.	2.300	13.80	
INSECTICIDE APPL	1.000	appl	21.750	21.75	
IRRIGATION	12.000	AcIn	0.666	8.00	
NITROGEN	24.660	lb.	.260	6.41	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
MITICIDE	1.000	qt.	8.280	8.28	
INSECTICIDE	1.000	qt.	9.700	9.70	
INSECTICIDE APPL	1.000	appl	21.750	21.75	
INSECTICIDE	0.250	qt.	38.760	9.69	
IRRIGATION	12.000	AcIn	0.666	8.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
Fuel & Lube - Machinery		Acre		1.13	
Repairs - Machinery		Acre		0.24	
Labor - Machinery	0.547	Hour	5.000	2.73	
- Other	12.000	Hour	4.700	56.40	
- Irrigation	9.000	Hour	4.700	42.30	
Total YEAR 3				457.93	
Interest - OC Borrowed	278.519	Dol.	0.110	30.64	
Total VARIABLE COST				488.57	

Break-Even Price, Total Variable Cost $ 244.28 per ton of GRAPEFRUIT

GROSS INCOME minus VARIABLE COST		-218.57	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN. O/H CITRUS	acre	7.50	
Machinery and Equipment	Acre	30.36	
Land	Acre	120.00	
Perennial Crop	Acre	110.67	
Total FIXED Cost		268.53	

Break-Even Price, Total Cost $ 378.54 per ton of GRAPEFRUIT

Total of ALL Cost	757.09	
NET PROJECTED RETURNS	-487.09	

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
12/16/90	HARVEST	A	GRAPEFRUIT	2.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
02/10/90	YEAR 3	H	TREE WRAP/UNWRAP	5.0000	C	V	.00
02/10/90	YEAR 3	E	TREE INSURANCE (LVL-2)3	1.0000	C	V	.00
02/25/90	YEAR 3	E	NITROGEN	24.6700	C	V	.00
02/25/90	YEAR 3	G	FERTILIZER APPL. YEAR 3	1.0000	C	V	.00
03/02/90	YEAR 3	E	HERB., SELECTIVE #1	5.0000	C	V	.00
03/02/90	YEAR 3	H	CITRUS LABOR	4.0000	C	V	.00
03/02/90	YEAR 3	E	HERB., SELECTIVE #2	5.0000	C	V	.00
03/06/90	YEAR 3	E	MITICIDE	1.0000	C	V	.00
03/06/90	YEAR 3	E	INSECTICIDE CITRUS	1.0000	C	V	.00
03/06/90	YEAR 3	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
03/06/90	YEAR 3	E	INSECTICIDE CITRUS#2	.2500	C	V	.00
03/10/90	YEAR 3	E	CITRUS OIL	5.0000	C	V	.00
03/10/90	YEAR 3	H	CITRUS LABOR	3.0000	C	V	.00
04/16/90	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
04/25/90	YEAR 3	E	NITROGEN	24.6700	C	V	.00
04/25/90	YEAR 3	G	FERTILIZER APPL. YEAR 3	1.0000	C	V	.00
05/16/90	YEAR 3	E	CONTACT HERB.	1.0000	C	V	.00
05/16/90	YEAR 3	G	HERBICIDE APPL. CONTACT	1.0000	C	V	.00
05/21/90	YEAR 3	M	DISCING-OFFSET 10 FT	1.0000			.00
06/11/90	YEAR 3	E	FUNGICIDE CITRUS	6.0000	C	V	.00
06/11/90	YEAR 3	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
06/16/90	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
06/25/90	YEAR 3	E	NITROGEN	24.6600	C	V	.00
06/25/90	YEAR 3	G	FERTILIZER APPL. YEAR 3	1.0000	C	V	.00
07/16/90	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
08/16/90	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
08/21/90	YEAR 3	M	DISCING-OFFSET 10 FT	1.0000			.00
09/06/90	YEAR 3	E	MITICIDE	1.0000	C	V	.00
09/06/90	YEAR 3	E	INSECTICIDE CITRUS	1.0000	C	V	.00
09/06/90	YEAR 3	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
09/11/90	YEAR 3	E	INSECTICIDE CITRUS#2	.2500	C	V	.00
10/01/90	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
11/16/90	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
01/01/91	YEAR 3	K	CITRUS	1.0000	C	F	.00
01/01/91	YEAR 3	L	GRAPEFRUIT YEAR 1	1.0000	C	F	.00
01/01/91	YEAR 3	L	GRAPEFRUIT YEAR 2	1.0000	C	F	.00
01/01/91	YEAR 3	E	MISC ADMIN. O/H CITRUS	1.0000	C	F	.00

Projections for Planning Purposes Only
Not to be Used without Updating after January 26, 1988.

GRAPEFRUIT ESTABLISHMENT - YEAR 4 (145 TREES/ACRE)

South Texas District (12)
1988 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
GRAPEFRUIT	4.000	ton	135.0000	540.00	
Total GROSS Income				540.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
TREE INSURANCE	1.000	acre	69.750	69.75	
NITROGEN	16.670	lb.	.260	4.33	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
HERB., SELECTIVE	5.000	qt.	3.600	18.00	
HERB., SELECTIVE	5.000	lb.	3.200	16.00	
INSECTICIDE	1.000	qt.	9.700	9.70	
INSECTICIDE	0.250	qt.	38.760	9.69	
CITRUS OIL	5.000	gal	4.600	23.00	
INSECTICIDE APPL	1.000	appl	21.750	21.75	
MITICIDE	2.000	qt.	8.280	16.56	
NITROGEN	16.670	lb.	.260	4.33	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
CONTACT HERB.	1.000	acre	17.500	17.50	
HERBICIDE APPL.	1.000	appl	8.000	8.00	
INSECTICIDE	1.000	qt.	9.700	9.70	
CITRUS OIL	5.000	gal	4.600	23.00	
INSECTICIDE	0.250	qt.	38.760	9.69	
INSECTICIDE APPL	1.000	appl	21.750	21.75	
MITICIDE	2.000	qt.	8.280	16.56	
NITROGEN	16.660	lb.	.260	4.33	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
CONTACT HERB.	1.000	acre	17.500	17.50	
HERBICIDE APPL.	1.000	appl	8.000	8.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
FUNGICIDE	6.000	lb.	2.300	13.80	
INSECTICIDE APPL	1.000	appl	21.750	21.75	
IRRIGATION	12.000	AcIn	0.666	8.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
Fuel & Lube - Machinery		Acre		2.26	
Repairs - Machinery		Acre		0.53	
Labor - Machinery	1.267	Hour	5.001	6.33	
- Other	12.000	Hour	4.700	56.40	
- Irrigation	9.000	Hour	4.700	42.30	
Total PREHARVEST				529.53	
Interest - OC Borrowed	347.165	Dol.	0.110	38.19	
Total VARIABLE COST				567.71	

Break-Even Price, Total Variable Cost $ 141.92 per ton of GRAPEFRUIT

GROSS INCOME minus VARIABLE COST	-27.71	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN. O/H CITRUS	acre	7.50	
Machinery and Equipment	Acre	48.77	
Land	Acre	120.00	
Perennial Crop	Acre	135.02	
Total FIXED Cost		311.29	

Break-Even Price, Total Cost $ 219.75 per ton of GRAPEFRUIT

Total of ALL Cost	879.00	
NET PROJECTED RETURNS	-339.00	

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
12/16/91	HARVEST	A	GRAPEFRUIT	4.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
02/11/91	PREHARVEST	M	DITCHING		1.0000			.00
02/11/91	PREHARVEST	M	DISCING	BORDER	1.0000			.00
02/11/91	PREHARVEST	E	TREE INSURANCE	(LVL-2)4	1.0000	C	V	.00
02/13/91	PREHARVEST	E	NITROGEN		16.6700	C	V	.00
02/13/91	PREHARVEST	G	FERTILIZER APPL.	YEAR 4	1.0000	C	V	.00
03/06/91	PREHARVEST	E	HERB., SELECTIVE #1		5.0000	C	V	.00
03/06/91	PREHARVEST	E	HERB., SELECTIVE #2		5.0000	C	V	.00
03/06/91	PREHARVEST	H	CITRUS LABOR		4.0000	C	V	.00
03/11/91	PREHARVEST	E	INSECTICIDE	CITRUS	1.0000	C	V	.00
03/11/91	PREHARVEST	E	INSECTICIDE	CITRUS#2	.2500	C	V	.00
03/11/91	PREHARVEST	E	CITRUS OIL		5.0000	C	V	.00
03/11/91	PREHARVEST	G	INSECTICIDE APPL	CITRUS#2	1.0000	C	V	.00
03/11/91	PREHARVEST	E	MITICIDE		2.0000	C	V	.00
03/16/91	PREHARVEST	H	CITRUS LABOR		8.0000	C	V	.00
04/13/91	PREHARVEST	E	NITROGEN		16.6700	C	V	.00
04/13/91	PREHARVEST	G	FERTILIZER APPL.	YEAR 4	1.0000	C	V	.00
04/16/91	PREHARVEST	O	IRRIGATION	CITRUS2	12.0000			.00
05/11/91	PREHARVEST	E	CONTACT HERB.		1.0000	C	V	.00
05/11/91	PREHARVEST	G	HERBICIDE APPL.	CONTACT	1.0000	C	V	.00
05/21/91	PREHARVEST	M	DISCING-OFFSET	10 FT	1.0000			.00
06/11/91	PREHARVEST	E	INSECTICIDE	CITRUS	1.0000	C	V	.00
06/11/91	PREHARVEST	E	CITRUS OIL		5.0000	C	V	.00
06/11/91	PREHARVEST	E	INSECTICIDE	CITRUS#2	.2500	C	V	.00
06/11/91	PREHARVEST	G	INSECTICIDE APPL	CITRUS#2	1.0000	C	V	.00
06/11/91	PREHARVEST	E	MITICIDE		2.0000	C	V	.00
06/13/91	PREHARVEST	E	NITROGEN		16.6600	C	V	.00
06/13/91	PREHARVEST	G	FERTILIZER APPL.	YEAR 4	1.0000	C	V	.00
06/16/91	PREHARVEST	O	IRRIGATION	CITRUS2	12.0000			.00
07/16/91	PREHARVEST	O	IRRIGATION	CITRUS2	12.0000			.00
08/11/91	PREHARVEST	E	CONTACT HERB.		1.0000	C	V	.00
08/11/91	PREHARVEST	G	HERBICIDE APPL.	CONTACT	1.0000	C	V	.00
08/16/91	PREHARVEST	O	IRRIGATION	CITRUS2	12.0000			.00
09/11/91	PREHARVEST	E	FUNGICIDE	CITRUS	6.0000	C	V	.00
09/11/91	PREHARVEST	G	INSECTICIDE APPL	CITRUS#2	1.0000	C	V	.00
10/01/91	PREHARVEST	O	IRRIGATION	CITRUS2	12.0000			.00
11/16/91	PREHARVEST	O	IRRIGATION	CITRUS2	12.0000			.00
01/01/92	PREHARVEST	K	CITRUS		1.0000	C	F	.00
01/01/92	PREHARVEST	L	GRAPEFRUIT	YEAR 1	1.0000	C	F	.00
01/01/92	PREHARVEST	L	GRAPEFRUIT	YEAR 2	1.0000	C	F	.00
01/01/92	PREHARVEST	L	GRAPEFRUIT	YEAR 3	1.0000	C	F	.00
01/01/92	PREHARVEST	E	MISC ADMIN. O/H	CITRUS	1.0000	C	F	.00

Projections for Planning Purposes Only
Not to be Used without Updating after January 26, 1988.

GRAPEFRUIT, MATURE GROVE (145 TREES/ACRE)
South Texas District (12)
1988 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
GRAPEFRUIT	22.000	ton	135.0000	2970.00	
Total GROSS Income				2970.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
TREE INSURANCE	1.000	acre	77.500	77.50	
TREE HEDGING	1.000	acre	60.000	60.00	
NITROGEN	50.000	lb.	.260	13.00	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
HERB., SELECTIVE	5.000	qt.	3.600	18.00	
MITICIDE	1.000	qt.	8.280	8.28	
INSECTICIDE	1.000	qt.	9.700	9.70	
CITRUS OIL	10.000	gal	4.600	46.00	
INSECTICIDE APPL	1.000	appl	21.750	21.75	
INSECTICIDE	0.250	qt.	38.760	9.69	
NITROGEN	50.000	lb.	.260	13.00	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
CONTACT HERB.	1.000	acre	17.500	17.50	
HERBICIDE APPL.	1.000	appl	8.000	8.00	
MITICIDE	1.000	qt.	8.280	8.28	
INSECTICIDE	1.000	qt.	9.700	9.70	
INSECTICIDE APPL	1.000	appl	21.750	21.75	
INSECTICIDE	0.250	qt.	38.760	9.69	
CITRUS OIL	10.000	gal	4.600	46.00	
NITROGEN	50.000	lb.	.260	13.00	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
MITICIDE	1.000	qt.	8.280	8.28	
INSECTICIDE	1.000	qt.	9.700	9.70	
INSECTICIDE APPL	1.000	appl	21.750	21.75	
INSECTICIDE	0.250	qt.	38.760	9.69	
IRRIGATION	12.000	AcIn	0.666	8.00	
CONTACT HERB.	1.000	acre	17.500	17.50	
HERBICIDE APPL.	1.000	appl	8.000	8.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
HERB., SELECTIVE	5.000	lb.	3.200	16.00	
MITICIDE	1.000	qt.	8.280	8.28	
INSECTICIDE	1.000	qt.	9.700	9.70	
INSECTICIDE APPL	1.000	appl	21.750	21.75	
FUNGICIDE	6.000	lb.	2.300	13.80	
INSECTICIDE	0.250	qt.	38.760	9.69	
IRRIGATION	12.000	AcIn	0.666	8.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
Fuel & Lube - Machinery		Acre		2.26	
Repairs - Machinery		Acre		0.53	
Labor - Machinery	1.267	Hour	5.001	6.33	
- Other	12.000	Hour	4.700	56.40	
- Irrigation	9.000	Hour	4.700	42.30	
Total PREHARVEST				729.81	
Interest - OC Borrowed	455.094	Dol.	0.110	50.06	
Interest - Positive Cash	-96.759	Dol.	0.052	-5.08	
Total VARIABLE COST				774.79	

Break-Even Price, Total Variable Cost $ 35.21 per ton of GRAPEFRUIT

	Total	Your Estimate
GROSS INCOME minus VARIABLE COST	2195.21	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN. O/H CITRUS	acre	7.50	
Machinery and Equipment	Acre	48.77	
Land	Acre	120.00	
Perennial Crop	Acre	421.43	
Total FIXED Cost		597.70	

Break-Even Price, Total Cost $ 62.38 per ton of GRAPEFRUIT

	Total	Your Estimate
Total of ALL Cost	1372.48	
NET PROJECTED RETURNS	1597.52	

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.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
12/15/92	HARVEST	A	GRAPEFRUIT	22.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
02/11/92	PREHARVEST	M	DITCHING		1.0000			.00
02/11/92	PREHARVEST	M	DISCING	BORDER	1.0000			.00
02/11/92	PREHARVEST	E	TREE INSURANCE	(LVL-2)M	1.0000	C	V	.00
02/11/92	PREHARVEST	G	TREE HEDGING		1.0000	C	V	.00
02/13/92	PREHARVEST	E	NITROGEN		50.0000	C	V	.00
02/13/92	PREHARVEST	G	FERTILIZER APPL.	YEAR 4	1.0000	C	V	.00
03/05/92	PREHARVEST	E	HERB., SELECTIVE	#1	5.0000	C	V	.00
03/05/92	PREHARVEST	H	CITRUS LABOR		4.0000	C	V	.00
03/10/92	PREHARVEST	E	MITICIDE		1.0000	C	V	.00
03/10/92	PREHARVEST	E	INSECTICIDE	CITRUS	1.0000	C	V	.00
03/10/92	PREHARVEST	E	CITRUS OIL		10.0000	C	V	.00
03/10/92	PREHARVEST	G	INSECTICIDE APPL	CITRUS#2	1.0000	C	V	.00
03/10/92	PREHARVEST	E	INSECTICIDE	CITRUS#2	.2500	C	V	.00
03/15/92	PREHARVEST	H	CITRUS LABOR		4.0000	C	V	.00
04/12/92	PREHARVEST	E	NITROGEN		50.0000	C	V	.00
04/12/92	PREHARVEST	G	FERTILIZER APPL.	YEAR 4	1.0000	C	V	.00
04/15/92	PREHARVEST	O	IRRIGATION	CITRUS2	12.0000			.00
05/10/92	PREHARVEST	E	CONTACT HERB.		1.0000	C	V	.00
05/10/92	PREHARVEST	G	HERBICIDE APPL.	CONTACT	1.0000	C	V	.00
05/10/92	PREHARVEST	E	MITICIDE		1.0000	C	V	.00
05/10/92	PREHARVEST	E	INSECTICIDE	CITRUS	1.0000	C	V	.00
05/10/92	PREHARVEST	G	INSECTICIDE APPL	CITRUS#2	1.0000	C	V	.00
05/10/92	PREHARVEST	E	INSECTICIDE	CITRUS#2	.2500	C	V	.00
05/20/92	PREHARVEST	M	DISCING-OFFSET	10 FT	1.0000			.00
06/10/92	PREHARVEST	E	CITRUS OIL		10.0000	C	V	.00
06/12/92	PREHARVEST	E	NITROGEN		50.0000	C	V	.00
06/12/92	PREHARVEST	G	FERTILIZER APPL.	YEAR 4	1.0000	C	V	.00
06/15/92	PREHARVEST	O	IRRIGATION	CITRUS2	12.0000			.00
07/10/92	PREHARVEST	E	MITICIDE		1.0000	C	V	.00
07/10/92	PREHARVEST	E	INSECTICIDE	CITRUS	1.0000	C	V	.00
07/10/92	PREHARVEST	G	INSECTICIDE APPL	CITRUS#2	1.0000	C	V	.00
07/10/92	PREHARVEST	E	INSECTICIDE	CITRUS#2	.2500	C	V	.00
07/15/92	PREHARVEST	O	IRRIGATION	CITRUS2	12.0000			.00
08/10/92	PREHARVEST	E	CONTACT HERB.		1.0000	C	V	.00
08/10/92	PREHARVEST	G	HERBICIDE APPL.	CONTACT	1.0000	C	V	.00
08/15/92	PREHARVEST	O	IRRIGATION	CITRUS2	12.0000			.00
09/10/92	PREHARVEST	E	HERB., SELECTIVE	#2	5.0000	C	V	.00
09/10/92	PREHARVEST	H	CITRUS LABOR		4.0000	C	V	.00
09/10/92	PREHARVEST	E	MITICIDE		1.0000	C	V	.00
09/10/92	PREHARVEST	E	INSECTICIDE	CITRUS	1.0000	C	V	.00
09/10/92	PREHARVEST	G	INSECTICIDE APPL	CITRUS#2	1.0000	C	V	.00
09/10/92	PREHARVEST	E	FUNGICIDE	CITRUS	6.0000	C	V	.00
09/10/92	PREHARVEST	E	INSECTICIDE	CITRUS#2	.2500	C	V	.00
10/01/92	PREHARVEST	O	IRRIGATION	CITRUS2	12.0000			.00
11/15/92	PREHARVEST	O	IRRIGATION	CITRUS2	12.0000			.00
12/31/92	PREHARVEST	K	CITRUS		1.0000	C	F	.00
12/31/92	PREHARVEST	L	GRAPEFRUIT	YEAR 1A	1.0000	C	F	.00
12/31/92	PREHARVEST	L	GRAPEFRUIT	YEAR 2A	1.0000	C	F	.00
12/31/92	PREHARVEST	L	GRAPEFRUIT	YEAR 3A	1.0000	C	F	.00
12/31/92	PREHARVEST	L	GRAPEFRUIT	YEAR 4A	1.0000	C	F	.00
12/31/92	PREHARVEST	E	MISC ADMIN. O/H	CITRUS	1.0000	C	F	.00

Projections for Planning Purposes Only
Not to be Used without Updating after January 26, 1988.

ORANGES ESTABLISHMENT - YEAR 1 (200 TREES/ACRE)
South Texas District (12)
1988 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
-WARNING- No gross receipts					

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
YEAR 1					
HERB., PREEMERGE	1.400	qt.	15.000	21.00	
LAND PREP./LEVEL	1.000	acre	100.000	100.00	
TREE	200.000	tree	4.500	900.00	
LAYOUT/PLANT	200.000	tree	1.000	200.00	
TREE INSURANCE	1.000	acre	19.380	19.38	
IRRIGATION	6.000	AcIn	0.666	4.00	
IRRIGATION	6.000	AcIn	0.666	4.00	
NITROGEN	6.500	lb.	.260	1.69	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
MITICIDE	0.400	qt.	8.280	3.31	
INSECTICIDE	0.400	qt.	9.700	3.88	
INSECTICIDE APPL	1.000	appl	8.000	8.00	
IRRIGATION	6.000	AcIn	0.666	4.00	
NITROGEN	6.500	lb.	.260	1.69	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
IRRIGATION	6.000	AcIn	0.666	4.00	
IRRIGATION	6.000	AcIn	0.666	4.00	
NITROGEN	6.500	lb.	.260	1.69	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
IRRIGATION	6.000	AcIn	0.666	4.00	
SPOT HERBICIDE	0.500	acre	17.000	8.50	
HERBICIDE APPL.	1.000	appl	12.950	12.95	
IRRIGATION	6.000	AcIn	0.666	4.00	
NITROGEN	6.500	lb.	.260	1.69	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
IRRIGATION	6.000	AcIn	0.666	4.00	
SPOT HERBICIDE	0.500	acre	17.000	8.50	
HERBICIDE APPL.	1.000	appl	12.950	12.95	
IRRIGATION	6.000	AcIn	0.666	4.00	
IRRIGATION	6.000	AcIn	0.666	4.00	
MITICIDE	0.400	qt.	8.280	3.31	
INSECTICIDE	0.400	qt.	9.700	3.88	
INSECTICIDE APPL	1.000	appl	8.000	8.00	
IRRIGATION	6.000	AcIn	0.666	4.00	
IRRIGATION	6.000	AcIn	0.666	4.00	
TREE WRAP	200.000	tree	.600	120.00	
Fuel & Lube - Machinery		Acre		2.26	
Repairs - Machinery		Acre		0.47	
Labor - Machinery	1.093	Hour	5.000	5.47	
- Other	12.000	Hour	4.700	56.40	
- Irrigation	12.000	Hour	4.700	56.40	
Total YEAR 1				1621.42	
Interest - OC Borrowed	1273.092	Dol.	0.110	140.04	
Total VARIABLE COST				1761.46	
GROSS INCOME minus VARIABLE COST				-1761.46	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN. O/H CITRUS	acre	7.50	
Machinery and Equipment	Acre	60.72	
Land	Acre	120.00	
Total FIXED Cost		188.22	
Total of ALL Cost		1949.68	
NET PROJECTED RETURNS		-1949.68	

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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.

-WARNING- NO VALID RECEIPTS RECORDS

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
01/16/88	YEAR 1	E	HERB., PREEMERGE CITRUS	1.4000	C	V	.00
01/16/88	YEAR 1	H	CITRUS LABOR	1.5000	C	V	.00
01/31/88	YEAR 1	G	LAND PREP./LEVEL	1.0000	C	V	.00
02/06/88	YEAR 1	E	TREE CITRUS	200.0000	C	V	.00
02/06/88	YEAR 1	G	LAYOUT/PLANT CITRUS	200.0000	C	V	.00
02/06/88	YEAR 1	E	TREE INSURANCE (LVL-2)0	1.0000	C	V	.00
02/11/88	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
02/21/88	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
02/26/88	YEAR 1	E	NITROGEN	6.5000	C	V	.00
02/26/88	YEAR 1	G	FERTILIZER APPL. YEAR 1	1.0000	C	V	.00
02/29/88	YEAR 1	M	DISCING-OFFSET 10 FT	1.0000			.00
03/05/88	YEAR 1	E	MITICIDE	.4000	C	V	.00
03/05/88	YEAR 1	E	INSECTICIDE CITRUS	.4000	C	V	.00
03/05/88	YEAR 1	G	INSECTICIDE APPL CITRUS	1.0000	C	V	.00
03/10/88	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
03/25/88	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
03/25/88	YEAR 1	E	NITROGEN	6.5000	C	V	.00
03/25/88	YEAR 1	G	FERTILIZER APPL. YEAR 1	1.0000	C	V	.00
04/10/88	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
04/25/88	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
04/25/88	YEAR 1	E	NITROGEN	6.5000	C	V	.00
04/25/88	YEAR 1	G	FERTILIZER APPL. YEAR 1	1.0000	C	V	.00
05/10/88	YEAR 1	M	DISCING-OFFSET 10 FT	1.0000			.00
05/15/88	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
05/15/88	YEAR 1	E	SPOT HERBICIDE	.5000	C	V	.00
05/15/88	YEAR 1	G	HERBICIDE APPL. SPOT	1.0000	C	V	.00
05/25/88	YEAR 1	E	NITROGEN	6.5000	C	V	.00
05/25/88	YEAR 1	G	FERTILIZER APPL. YEAR 1	1.0000	C	V	.00
06/15/88	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
07/15/88	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
07/15/88	YEAR 1	E	SPOT HERBICIDE	.5000	C	V	.00
07/15/88	YEAR 1	G	HERBICIDE APPL. SPOT	1.0000	C	V	.00
08/10/88	YEAR 1	M	DISCING-OFFSET 10 FT	1.0000			.00
08/15/88	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
09/05/88	YEAR 1	E	MITICIDE	.4000	C	V	.00
09/05/88	YEAR 1	E	INSECTICIDE CITRUS	.4000	C	V	.00
09/05/88	YEAR 1	G	INSECTICIDE APPL CITRUS	1.0000	C	V	.00
09/15/88	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
11/10/88	YEAR 1	M	DISCING-OFFSET 10 FT	1.0000			.00
11/15/88	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
12/15/88	YEAR 1	E	TREE WRAP	200.0000	C	V	.00
12/15/88	YEAR 1	H	TREE WRAP/UNWRAP	10.5000	C	V	.00
12/31/88	YEAR 3	K	CITRUS	1.0000	C	F	.00
12/31/88	YEAR 3	E	MISC ADMIN. O/H CITRUS	1.0000	C	F	.00

Projections for Planning Purposes Only
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ORANGES ESTABLISHMENT - YEAR 2 (200 TREES/ACRE)
South Texas District (12)
1988 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
-WARNING- No gross receipts					

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
YEAR 2					
TREE REPLACEMENT	3.000	tree	8.000	24.00	
TREE INSURANCE	1.000	acre	35.240	35.24	
IRRIGATION	12.000	AcIn	0.666	8.00	
NITROGEN	12.750	lb.	.260	3.31	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
HERB., PREEMERGE	1.330	qt.	15.000	19.95	
MITICIDE	0.700	qt.	8.280	5.79	
INSECTICIDE	0.800	qt.	9.700	7.76	
INSECTICIDE APPL	1.000	appl	8.000	8.00	
NITROGEN	12.750	lb.	.260	3.31	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
NITROGEN	12.750	lb.	.260	3.31	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
CONTACT HERB.	1.000	acre	17.500	17.50	
HERBICIDE APPL.	1.000	appl	8.000	8.00	
NITROGEN	12.750	lb.	.260	3.31	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
MITICIDE	0.700	qt.	8.280	5.79	
INSECTICIDE	0.800	qt.	9.700	7.76	
INSECTICIDE APPL	1.000	appl	8.000	8.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
Fuel & Lube - Machinery		Acre		1.69	
Repairs - Machinery		Acre		0.35	
Labor - Machinery	0.820	Hour	5.000	4.10	
- Other	14.000	Hour	4.700	65.80	
- Irrigation	12.000	Hour	4.700	56.40	
Total YEAR 2				349.41	
Interest - OC Borrowed	235.995	Dol.	0.110	25.96	
Total VARIABLE COST				375.37	
GROSS INCOME minus VARIABLE COST				-375.37	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN. O/H CITRUS	acre	7.50	
Machinery and Equipment	Acre	45.54	
Land	Acre	120.00	
Perennial Crop	Acre	97.48	
Total FIXED Cost		270.52	
Total of ALL Cost		645.89	
NET PROJECTED RETURNS		-645.89	

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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.

-WARNING- NO VALID RECEIPTS RECORDS

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
02/05/88	YEAR 2	E	TREE REPLACEMENT	3.0000	C	V	.00
02/05/88	YEAR 2	E	TREE INSURANCE (LVL2)02	1.0000	C	V	.00
02/10/88	YEAR 2	H	TREE WRAP/UNWRAP	6.0000	C	V	.00
02/20/88	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
02/25/88	YEAR 2	E	NITROGEN	12.7500	C	V	.00
02/25/88	YEAR 2	G	FERTILIZER APPL. YEAR 2	1.0000	C	V	.00
02/28/88	YEAR 2	M	DISCING-OFFSET 10 FT	1.0000			.00
02/29/88	YEAR 2	E	HERB., PREEMERGE CITRUS	1.3300	C	V	.00
02/29/88	YEAR 2	H	CITRUS LABOR	2.0000	C	V	.00
03/04/88	YEAR 2	E	MITICIDE	.7000	C	V	.00
03/04/88	YEAR 2	E	INSECTICIDE CITRUS	.8000	C	V	.00
03/04/88	YEAR 2	G	INSECTICIDE APPL CITRUS	1.0000	C	V	.00
03/25/88	YEAR 2	E	NITROGEN	12.7500	C	V	.00
03/25/88	YEAR 2	G	FERTILIZER APPL. YEAR 2	1.0000	C	V	.00
04/14/88	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
04/25/88	YEAR 2	E	NITROGEN	12.7500	C	V	.00
04/25/88	YEAR 2	G	FERTILIZER APPL. YEAR 2	1.0000	C	V	.00
05/14/88	YEAR 2	E	CONTACT HERB.	1.0000	C	V	.00
05/14/88	YEAR 2	G	HERBICIDE APPL. CONTACT	1.0000	C	V	.00
05/19/88	YEAR 2	M	DISCING-OFFSET 10 FT	1.0000			.00
05/25/88	YEAR 2	E	NITROGEN	12.7500	C	V	.00
05/25/88	YEAR 2	G	FERTILIZER APPL. YEAR 2	1.0000	C	V	.00
06/14/88	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
07/14/88	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
08/14/88	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
08/19/88	YEAR 2	M	DISCING-OFFSET 10 FT	1.0000			.00
09/04/88	YEAR 2	E	MITICIDE	.7000	C	V	.00
09/04/88	YEAR 2	E	INSECTICIDE CITRUS	.8000	C	V	.00
09/04/88	YEAR 2	G	INSECTICIDE APPL CITRUS	1.0000	C	V	.00
11/14/88	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
12/14/88	YEAR 2	H	TREE WRAP/UNWRAP	6.0000	C	V	.00
12/30/88	YEAR 2	K	CITRUS	1.0000	C	F	.00
12/30/88	YEAR 2	L	ORANGES YEAR 1	1.0000	C	F	.00
12/30/88	YEAR 2	E	MISC ADMIN. O/H CITRUS	1.0000	C	F	.00

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ORANGES ESTABLISHMENT - YEAR 3 (200 TREES/ACRE)
South Texas District (12)
1988 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
ORANGES	3.000	ton	150.0000	450.00	
Total GROSS Income				450.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
YEAR 3					
TREE INSURANCE	1.000	acre	46.990	46.99	
NITROGEN	34.000	lb.	.260	8.84	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
HERB., SELECTIVE	5.000	qt.	3.600	18.00	
MITICIDE	1.375	qt.	8.280	11.38	
INSECTICIDE	1.375	qt.	9.700	13.33	
INSECTICIDE APPL	1.000	appl	21.750	21.75	
CITRUS OIL	3.500	gal	4.600	16.10	
IRRIGATION	12.000	AcIn	0.666	8.00	
NITROGEN	34.000	lb.	.260	8.84	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
CONTACT HERB.	1.000	acre	17.500	17.50	
HERBICIDE APPL.	1.000	appl	8.000	8.00	
INSECTICIDE	0.700	qt.	38.760	27.13	
INSECTICIDE APPL	1.000	appl	21.750	21.75	
IRRIGATION	12.000	AcIn	0.666	8.00	
NITROGEN	34.000	lb.	.260	8.84	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
MITICIDE	1.375	qt.	8.280	11.38	
INSECTICIDE	1.375	qt.	9.700	13.33	
INSECTICIDE APPL	1.000	appl	21.750	21.75	
CITRUS OIL	3.500	gal	4.600	16.10	
HERB., SELECTIVE	5.000	lb.	3.200	16.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
Fuel & Lube - Machinery		Acre		1.13	
Repairs - Machinery		Acre		0.24	
Labor - Machinery	0.547	Hour	5.000	2.73	
- Other	12.000	Hour	4.700	56.40	
- Irrigation	9.000	Hour	4.700	42.30	
Total YEAR 3				466.84	
Interest - OC Borrowed	260.500	Dol.	0.110	28.66	
Total VARIABLE COST				495.49	

Break-Even Price, Total Variable Cost $ 165.16 per ton of ORANGES

GROSS INCOME minus VARIABLE COST		-45.49	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN. O/H CITRUS	acre	7.50	
Machinery and Equipment	Acre	30.36	
Land	Acre	120.00	
Perennial Crop	Acre	129.78	
Total FIXED Cost		287.64	

Break-Even Price, Total Cost $ 261.04 per ton of ORANGES

Total of ALL Cost	783.13	
NET PROJECTED RETURNS	-333.13	

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
12/16/90	HARVEST	A	ORANGES	4.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
02/10/90	YEAR 3	H	TREE WRAP/UNWRAP	8.0000	C	V	.00
02/10/90	YEAR 3	E	TREE INSURANCE (LVL2)03	1.0000	C	V	.00
02/25/90	YEAR 3	E	NITROGEN	34.0000	C	V	.00
02/25/90	YEAR 3	G	FERTILIZER APPL. YEAR 3	1.0000	C	V	.00
03/02/90	YEAR 3	E	HERB., SELECTIVE #1	5.0000	C	V	.00
03/02/90	YEAR 3	H	CITRUS LABOR	2.0000	C	V	.00
03/06/90	YEAR 3	E	MITICIDE	1.3750	C	V	.00
03/06/90	YEAR 3	E	INSECTICIDE CITRUS	1.3750	C	V	.00
03/06/90	YEAR 3	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
03/06/90	YEAR 3	E	CITRUS OIL	3.5000	C	V	.00
04/16/90	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
04/25/90	YEAR 3	E	NITROGEN	34.0000	C	V	.00
04/25/90	YEAR 3	G	FERTILIZER APPL. YEAR 3	1.0000	C	V	.00
05/16/90	YEAR 3	E	CONTACT HERB.	1.0000	C	V	.00
05/16/90	YEAR 3	G	HERBICIDE APPL. CONTACT	1.0000	C	V	.00
05/21/90	YEAR 3	M	DISCING-OFFSET 10 FT	1.0000			.00
06/11/90	YEAR 3	E	INSECTICIDE CITRUS#2	.7000	C	V	.00
06/11/90	YEAR 3	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
06/16/90	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
06/25/90	YEAR 3	E	NITROGEN	34.0000	C	V	.00
06/25/90	YEAR 3	G	FERTILIZER APPL. YEAR 3	1.0000	C	V	.00
07/16/90	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
08/16/90	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
08/21/90	YEAR 3	M	DISCING-OFFSET 10 FT	1.0000			.00
09/06/90	YEAR 3	E	MITICIDE	1.3750	C	V	.00
09/06/90	YEAR 3	E	INSECTICIDE CITRUS	1.3750	C	V	.00
09/06/90	YEAR 3	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
09/06/90	YEAR 3	E	CITRUS OIL	3.5000	C	V	.00
09/11/90	YEAR 3	E	HERB., SELECTIVE #2	5.0000	C	V	.00
09/11/90	YEAR 3	H	CITRUS LABOR	2.0000	C	V	.00
10/01/90	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
11/16/90	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
01/01/91	YEAR 3	K	CITRUS	1.0000	C	F	.00
01/01/91	YEAR 3	L	ORANGES YEAR 1	1.0000	C	F	.00
01/01/91	YEAR 3	L	ORANGES YEAR 2	1.0000	C	F	.00
01/01/91	YEAR 3	E	MISC ADMIN. O/H CITRUS	1.0000	C	F	.00

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ORANGES ESTABLISHMENT - YEAR 4 (200 TREES/ACRE)
South Texas District (12)
1988 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
ORANGES	5.000	ton	150.0000	750.00	
Total GROSS Income				750.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
NITROGEN	16.670	lb.	.260	4.33	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
TREE INSURANCE	1.000	acre	52.870	52.87	
HERB., SELECTIVE	5.000	qt.	3.600	18.00	
MITICIDE	2.750	qt.	8.280	22.77	
INSECTICIDE	1.375	qt.	9.700	13.33	
CITRUS OIL	7.000	gal	4.600	32.20	
INSECTICIDE APPL	1.000	appl	21.750	21.75	
NITROGEN	16.670	lb.	.260	4.33	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
CONTACT HERB.	1.000	acre	17.500	17.50	
HERBICIDE APPL.	1.000	appl	8.000	8.00	
INSECTICIDE	0.700	qt.	38.760	27.13	
CITRUS OIL	7.000	gal	4.600	32.20	
INSECTICIDE APPL	1.000	appl	21.750	21.75	
NITROGEN	16.660	lb.	.260	4.33	
FERTILIZER APPL.	1.000	appl	3.000	3.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
CONTACT HERB.	1.000	acre	17.500	17.50	
HERBICIDE APPL.	1.000	appl	8.000	8.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
MITICIDE	2.750	qt.	8.280	22.77	
INSECTICIDE	1.375	qt.	9.700	13.33	
INSECTICIDE APPL	1.000	appl	21.750	21.75	
HERB., SELECTIVE	5.000	lb.	3.200	16.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
IRRIGATION	12.000	AcIn	0.666	8.00	
Fuel & Lube - Machinery		Acre		2.26	
Repairs - Machinery		Acre		0.53	
Labor - Machinery	1.267	Hour	5.001	6.33	
- Other	11.500	Hour	4.700	54.05	
- Irrigation	9.000	Hour	4.700	42.30	
Total PREHARVEST				542.34	
Interest - OC Borrowed	329.968	Dol.	0.110	36.30	
Interest - Positive Cash	-7.661	Dol.	0.052	-0.40	
Total VARIABLE COST				578.24	

Break-Even Price, Total Variable Cost $ 115.64 per ton of ORANGES

GROSS INCOME minus VARIABLE COST	171.76	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN. O/H CITRUS	acre	7.50	
Machinery and Equipment	Acre	48.77	
Land	Acre	120.00	
Perennial Crop	Acre	146.43	
Total FIXED Cost		322.70	

Break-Even Price, Total Cost $ 180.18 per ton of ORANGES

Total of ALL Cost	900.94	
NET PROJECTED RETURNS	-150.94	

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.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
12/16/91	HARVEST	A	ORANGES		5.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
02/11/91	PREHARVEST	M	DITCHING		1.0000			.00
02/11/91	PREHARVEST	M	DISCING	BORDER	1.0000			.00
02/13/91	PREHARVEST	E	NITROGEN		16.6700	C	V	.00
02/13/91	PREHARVEST	G	FERTILIZER APPL.	YEAR 4	1.0000	C	V	.00
02/13/91	PREHARVEST	E	TREE INSURANCE	(LVL2)04	1.0000	C	V	.00
03/06/91	PREHARVEST	E	HERB., SELECTIVE	#1	5.0000	C	V	.00
03/06/91	PREHARVEST	H	CITRUS LABOR		2.0000	C	V	.00
03/11/91	PREHARVEST	E	MITICIDE		2.7500	C	V	.00
03/11/91	PREHARVEST	E	INSECTICIDE	CITRUS	1.3750	C	V	.00
03/11/91	PREHARVEST	E	CITRUS OIL		7.0000	C	V	.00
03/11/91	PREHARVEST	G	INSECTICIDE APPL	CITRUS#2	1.0000	C	V	.00
03/16/91	PREHARVEST	H	CITRUS LABOR		7.5000	C	V	.00
04/13/91	PREHARVEST	E	NITROGEN		16.6700	C	V	.00
04/13/91	PREHARVEST	G	FERTILIZER APPL.	YEAR 4	1.0000	C	V	.00
04/16/91	PREHARVEST	O	IRRIGATION	CITRUS2	12.0000			.00
05/11/91	PREHARVEST	E	CONTACT HERB.		1.0000	C	V	.00
05/11/91	PREHARVEST	G	HERBICIDE APPL.	CONTACT	1.0000	C	V	.00
05/21/91	PREHARVEST	M	DISCING-OFFSET	10 FT	1.0000			.00
06/11/91	PREHARVEST	E	INSECTICIDE	CITRUS#2	.7000	C	V	.00
06/11/91	PREHARVEST	E	CITRUS OIL		7.0000	C	V	.00
06/11/91	PREHARVEST	G	INSECTICIDE APPL	CITRUS#2	1.0000	C	V	.00
06/13/91	PREHARVEST	E	NITROGEN		16.6600	C	V	.00
06/13/91	PREHARVEST	G	FERTILIZER APPL.	YEAR 4	1.0000	C	V	.00
06/16/91	PREHARVEST	O	IRRIGATION	CITRUS2	12.0000			.00
07/16/91	PREHARVEST	O	IRRIGATION	CITRUS2	12.0000			.00
08/11/91	PREHARVEST	E	CONTACT HERB.		1.0000	C	V	.00
08/11/91	PREHARVEST	G	HERBICIDE APPL.	CONTACT	1.0000	C	V	.00
08/16/91	PREHARVEST	O	IRRIGATION	CITRUS2	12.0000			.00
09/11/91	PREHARVEST	E	MITICIDE		2.7500	C	V	.00
09/11/91	PREHARVEST	E	INSECTICIDE	CITRUS	1.3750	C	V	.00
09/11/91	PREHARVEST	G	INSECTICIDE APPL	CITRUS#2	1.0000	C	V	.00
09/11/91	PREHARVEST	E	HERB., SELECTIVE	#2	5.0000	C	V	.00
09/11/91	PREHARVEST	H	CITRUS LABOR		2.0000	C	V	.00
10/01/91	PREHARVEST	O	IRRIGATION	CITRUS2	12.0000			.00
11/16/91	PREHARVEST	O	IRRIGATION	CITRUS2	12.0000			.00
01/01/92	PREHARVEST	K	CITRUS		1.0000	C	F	.00
01/01/92	PREHARVEST	L	ORANGES	YEAR 1	1.0000	C	F	.00
01/01/92	PREHARVEST	L	ORANGES	YEAR 2	1.0000	C	F	.00
01/01/92	PREHARVEST	L	ORANGES	YEAR 3	1.0000	C	F	.00
01/01/92	PREHARVEST	E	MISC ADMIN. O/H	CITRUS	1.0000	C	F	.00

Projections for Planning Purposes Only
Not to be Used without Updating after January 26, 1988.

ORANGES - MATURE GROVE (200 TREES/ACRE)

South Texas District (12)
1988 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
ORANGES	18.000	ton	150.0000	2700.00	________
Total GROSS Income				2700.00	________

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
NITROGEN	50.000	lb.	.260	13.00	________
FERTILIZER APPL.	1.000	appl	3.000	3.00	________
TREE INSURANCE	1.000	acre	58.750	58.75	________
TREE HEDGING	1.000	acre	60.000	60.00	________
HERB., SELECTIVE	5.000	qt.	3.600	18.00	________
MITICIDE	2.750	qt.	8.280	22.77	________
INSECTICIDE	2.750	qt.	9.700	26.67	________
CITRUS OIL	13.500	gal	4.600	62.10	________
INSECTICIDE APPL	1.000	appl	21.750	21.75	________
NITROGEN	50.000	lb.	.260	13.00	________
FERTILIZER APPL.	1.000	appl	3.000	3.00	________
IRRIGATION	12.000	AcIn	0.666	8.00	________
CONTACT HERB.	1.000	acre	17.500	17.50	________
HERBICIDE APPL.	1.000	appl	8.000	8.00	________
INSECTICIDE	0.700	qt.	38.760	27.13	________
INSECTICIDE APPL	1.000	appl	21.750	21.75	________
NITROGEN	50.000	lb.	.260	13.00	________
FERTILIZER APPL.	1.000	appl	3.000	3.00	________
IRRIGATION	12.000	AcIn	0.666	8.00	________
INSECTICIDE	0.700	qt.	38.760	27.13	________
INSECTICIDE APPL	1.000	appl	21.750	21.75	________
CITRUS OIL	13.500	gal	4.600	62.10	________
IRRIGATION	12.000	AcIn	0.666	8.00	________
CONTACT HERB.	1.000	acre	17.500	17.50	________
HERBICIDE APPL.	1.000	appl	8.000	8.00	________
IRRIGATION	12.000	AcIn	0.666	8.00	________
MITICIDE	2.750	qt.	8.280	22.77	________
INSECTICIDE	2.750	qt.	9.700	26.67	________
INSECTICIDE APPL	1.000	appl	21.750	21.75	________
HERB., SELECTIVE	5.000	lb.	3.200	16.00	________
IRRIGATION	12.000	AcIn	0.666	8.00	________
IRRIGATION	12.000	AcIn	0.666	8.00	________
Fuel & Lube - Machinery		Acre		2.26	________
Repairs - Machinery		Acre		0.53	________
Labor - Machinery	1.267	Hour	5.001	6.33	________
- Other	11.200	Hour	4.700	52.64	________
- Irrigation	9.000	Hour	4.700	42.30	________
Total PREHARVEST				768.17	________
Interest - OC Borrowed	473.968	Dol.	0.110	52.14	________
Interest - Positive Cash	-83.241	Dol.	0.053	-4.37	________
Total VARIABLE COST				815.94	________

Break-Even Price, Total Variable Cost $ 45.33 per ton of ORANGES

GROSS INCOME minus VARIABLE COST		1884.06	________

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN. O/H CITRUS	acre	7.50	________
Machinery and Equipment	Acre	48.77	________
Land	Acre	120.00	________
Perennial Crop	Acre	378.81	________
Total FIXED Cost		555.08	________

Break-Even Price, Total Cost $ 76.16 per ton of ORANGES

Total of ALL Cost	1371.01	________
NET PROJECTED RETURNS	1328.99	________