

Projections for Planning Purposes Only  
 Not to be Used without Updating after April 20, 1990.

B-1241(C12)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
06/20/90	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
10/10/89	PREHARVEST	M	CHISELING 18 FT	1.0000			.00
10/30/89	PREHARVEST	M	CHISELING 18 FT	1.0000			.00
02/05/90	PREHARVEST	M	CHISELING 18 FT	1.0000			.00
02/10/90	PREHARVEST	M	CHISELING 18 FT	1.0000			.00
02/15/90	PREHARVEST	E	SEED WHELDND	3.0000	C	V	.00
02/15/90	PREHARVEST	E	NITROGEN (LIQ)	40.0000	C	V	.00
02/15/90	PREHARVEST	E	PHOSPHATE	60.0000	C	V	.00
02/20/90	PREHARVEST	E	HERBICIDE WATERMEL	1.0000	C	V	.00
03/01/90	PREHARVEST	G	BEE RENT	1.0000	C	V	.00
03/10/90	PREHARVEST	M	CULTIVATING 6 ROW	1.0000			.00
03/10/90	PREHARVEST	E	INSECTICIDE WATERMEL	1.0000	C	V	.00
03/10/90	PREHARVEST	E	FUNGICIDE WATERMEL	1.0000	C	V	.00
03/10/90	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
03/25/90	PREHARVEST	M	CULTIVATING 6 ROW	1.0000			.00
03/25/90	PREHARVEST	E	INSECTICIDE WATERMEL	1.0000	C	V	.00
03/25/90	PREHARVEST	E	FUNGICIDE WATERMEL	1.0000	C	V	.00
03/25/90	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
04/10/90	PREHARVEST	E	INSECTICIDE WATERMEL	1.0000	C	V	.00
04/10/90	PREHARVEST	E	FUNGICIDE WATERMEL	1.0000	C	V	.00
04/10/90	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
04/15/90	PREHARVEST	M	CULTIVATING ROLLING	1.5000			.00
04/30/90	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
05/10/90	PREHARVEST	E	INSECTICIDE WATERMEL	1.0000	C	V	.00
05/10/90	PREHARVEST	E	FUNGICIDE WATERMEL	1.0000	C	V	.00
05/10/90	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
05/15/90	PREHARVEST	M	CULTIVATING ROLLING	1.5000			.00
05/20/90	PREHARVEST	H	HIRED LABOR	8.0000	C	V	.00
06/20/90	HARVEST	G	HARVEST & SELL WATERMEL	100.0000	C	V	.00
06/30/90		K	CASH-RENT WATERMEL	1.0000		F	.00

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**WATERMELONS, IRRIGATED**  
 South Texas District (12)  
 1990 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 =====	
PREHARVEST					
PHOSPHATE	60.000	lb.	.250	15.00	_____
POTASH	20.000	lb.	.130	2.60	_____
BEE RENT	1.000	hive	40.000	40.00	_____
SEED	0.750	lb.	90.000	67.50	_____
HERBICIDE	1.000	acre	48.000	48.00	_____
NITROGEN (LIQ)	80.000	lb.	.630	50.40	_____
IRRIGATION	6.000	AcIn	1.333	8.00	_____
INSECTICIDE	1.000	appl	8.000	8.00	_____
PESTICIDE APPL.	1.000	acre	4.500	4.50	_____
INSECTICIDE	1.000	appl	8.000	8.00	_____
PESTICIDE APPL.	1.000	acre	4.500	4.50	_____
FUNGICIDE	1.000	appl	7.000	7.00	_____
IRRIGATION	6.000	AcIn	1.333	8.00	_____
INSECTICIDE	1.000	appl	8.000	8.00	_____
PESTICIDE APPL.	1.000	acre	4.500	4.50	_____
FUNGICIDE	1.000	appl	7.000	7.00	_____
INSECTICIDE	1.000	appl	8.000	8.00	_____
PESTICIDE APPL.	1.000	acre	4.500	4.50	_____
FUNGICIDE	1.000	appl	7.000	7.00	_____
IRRIGATION	6.000	AcIn	1.333	8.00	_____
INSECTICIDE	1.000	appl	8.000	8.00	_____
PESTICIDE APPL.	1.000	acre	4.500	4.50	_____
FUNGICIDE	1.000	appl	7.000	7.00	_____
IRRIGATION	6.000	AcIn	1.333	8.00	_____
Fuel & Lube - Machinery		Acres		13.86	_____
Repairs - Machinery		Acres		3.81	_____
Labor - Machinery	2.920	Hour	5.001	14.60	_____
- Other	10.000	Hour	4.500	45.00	_____
- Irrigation	6.000	Hour	4.500	27.00	_____
Total PREHARVEST				450.27	_____
HARVEST					
HARVEST & SELL	150.000	cwt.	3.000	450.00	_____
Total HARVEST				450.00	_____
Interest - OC Borrowed	107.974	Dol.	0.120	12.96	_____
Total VARIABLE COST				913.22	_____
<i>Break-Even Price, Total Variable Cost \$ 6.08 per cwt. of WATERMELON</i>					
GROSS INCOME minus VARIABLE COST				-13.22	_____
FIXED COST Description =====		Unit =====		Total =====	
Machinery and Equipment		Acres		45.92	_____
Land		Acres		50.00	_____
Total FIXED Cost				95.92	_____
<i>Break-Even Price, Total Cost \$ 6.72 per cwt. of WATERMELON</i>					
Total of ALL Cost				1009.14	_____
NET PROJECTED RETURNS				-109.14	_____

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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.
06/20/90	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
10/10/89	PREHARVEST	M	CHISELING 18 FT	1.0000			.00
10/30/89	PREHARVEST	M	CHISELING 18 FT	1.0000			.00
01/20/90	PREHARVEST	E	PHOSPHATE	60.0000	C	V	.00
01/20/90	PREHARVEST	E	POTASH	20.0000	C	V	.00
02/01/90	PREHARVEST	G	BEE RENT	1.0000	C	V	.00
02/05/90	PREHARVEST	M	CHISELING 18 FT	1.0000			.00
02/10/90	PREHARVEST	M	CHISELING 18 FT	1.0000			.00
02/20/90	PREHARVEST	E	SEED WMELONI	.7500	C	V	.00
02/28/90	PREHARVEST	E	HERBICIDE WATERMEL	1.0000	C	V	.00
03/10/90	PREHARVEST	M	CULTIVATING 6 ROW	1.0000			.00
03/15/90	PREHARVEST	O	IRRIGATION	6.0000			.00
03/15/90	PREHARVEST	E	NITROGEN (LIQ)	80.0000	C	V	.00
03/25/90	PREHARVEST	M	CULTIVATING 6 ROW	1.0000			.00
03/25/90	PREHARVEST	E	INSECTICIDE WATERMEL	1.0000	C	V	.00
03/25/90	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
04/05/90	PREHARVEST	M	CULTIVATING ROLLING	1.0000			.00
04/10/90	PREHARVEST	E	INSECTICIDE WATERMEL	1.0000	C	V	.00
04/10/90	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
04/10/90	PREHARVEST	E	FUNGICIDE WATERMEL	1.0000	C	V	.00
04/15/90	PREHARVEST	M	CULTIVATING ROLLING	1.0000			.00
04/20/90	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
04/20/90	PREHARVEST	O	IRRIGATION	6.0000			.00
04/25/90	PREHARVEST	E	INSECTICIDE WATERMEL	1.0000	C	V	.00
04/25/90	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
04/25/90	PREHARVEST	E	FUNGICIDE WATERMEL	1.0000	C	V	.00
04/30/90	PREHARVEST	M	CULTIVATING ROLLING	1.0000			.00
05/05/90	PREHARVEST	M	CULTIVATING ROLLING	1.0000			.00
05/10/90	PREHARVEST	E	INSECTICIDE WATERMEL	1.0000	C	V	.00
05/10/90	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
05/10/90	PREHARVEST	E	FUNGICIDE WATERMEL	1.0000	C	V	.00
05/15/90	PREHARVEST	O	IRRIGATION	6.0000			.00
05/20/90	PREHARVEST	M	CULTIVATING ROLLING	1.0000			.00
05/25/90	PREHARVEST	E	INSECTICIDE WATERMEL	1.0000	C	V	.00
05/25/90	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
05/25/90	PREHARVEST	E	FUNGICIDE WATERMEL	1.0000	C	V	.00
05/30/90	PREHARVEST	M	CULTIVATING ROLLING	1.0000			.00
05/30/90	PREHARVEST	H	HIRED LABOR	10.0000	C	V	.00
05/31/90	PREHARVEST	O	IRRIGATION	6.0000			.00
06/20/90	HARVEST	G	HARVEST & SELL WATERMEL	150.0000	C	V	.00
06/30/90		K	CASH-RENT WATERMEL	1.0000		F	.00

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**GRAPEFRUIT ESTABLISHMENT - YEAR 1 (145 TREES/ACRE)**  
 South Texas District (12)  
 1990 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	
=====	=====	=====	=====	=====	
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		Acres		2.26	_____
Repairs - Machinery		Acres		0.48	_____
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				1286.71	_____
Interest - OC Borrowed	1004.994	Dol.	0.120	120.60	_____
Total VARIABLE COST				1407.31	_____
GROSS INCOME minus VARIABLE COST				-1407.31	_____
FIXED COST Description		Unit		Total	
=====		=====		=====	
MISC ADMIN. O/H CITRUS		acre		7.50	_____
Machinery and Equipment		Acres		64.40	_____
Land		Acres		70.00	_____
Total FIXED Cost				141.90	_____
Total of ALL Cost				1549.21	_____
NET PROJECTED RETURNS				-1549.21	_____

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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.
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-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
01/15/90	YEAR 1	E	HERB., PREEMERGE CITRUS	1.4000	C	V	.00
01/15/90	YEAR 1	H	CITRUS LABOR	2.0000	C	V	.00
01/30/90	YEAR 1	G	LAND PREP./LEVEL	1.0000	C	V	.00
02/05/90	YEAR 1	E	TREE CITRUS	145.0000	C	V	.00
02/05/90	YEAR 1	G	LAYOUT/PLANT CITRUS	145.0000	C	V	.00
02/05/90	YEAR 1	E	TREE INSURANCE (LVL-2)	1.0000	C	V	.00
02/10/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
02/20/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
02/25/90	YEAR 1	E	NITROGEN	4.7500	C	V	.00
02/25/90	YEAR 1	G	FERTILIZER APPL. YEAR 1	1.0000	C	V	.00
02/28/90	YEAR 1	M	DISCING-OFFSET 10 FT	1.0000			.00
03/05/90	YEAR 1	E	MITICIDE	.3000	C	V	.00
03/05/90	YEAR 1	E	INSECTICIDE CITRUS	.3000	C	V	.00
03/05/90	YEAR 1	G	INSECTICIDE APPL CITRUS	1.0000	C	V	.00
03/10/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
03/25/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
03/25/90	YEAR 1	E	NITROGEN	4.7500	C	V	.00
03/25/90	YEAR 1	G	FERTILIZER APPL. YEAR 1	1.0000	C	V	.00
04/10/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
04/25/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
04/25/90	YEAR 1	E	NITROGEN	4.7500	C	V	.00
04/25/90	YEAR 1	G	FERTILIZER APPL. YEAR 1	1.0000	C	V	.00
05/10/90	YEAR 1	M	DISCING-OFFSET 10 FT	1.0000			.00
05/15/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
05/15/90	YEAR 1	E	SPOT HERBICIDE	.5000	C	V	.00
05/15/90	YEAR 1	G	HERBICIDE APPL. SPOT	1.0000	C	V	.00
05/25/90	YEAR 1	E	NITROGEN	4.7500	C	V	.00
05/25/90	YEAR 1	G	FERTILIZER APPL. YEAR 1	1.0000	C	V	.00
06/15/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
07/15/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
07/15/90	YEAR 1	E	SPOT HERBICIDE	.5000	C	V	.00
07/15/90	YEAR 1	G	HERBICIDE APPL. SPOT	1.0000	C	V	.00
08/10/90	YEAR 1	M	DISCING-OFFSET 10 FT	1.0000			.00
08/15/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
09/05/90	YEAR 1	E	MITICIDE	.3000	C	V	.00
09/05/90	YEAR 1	E	INSECTICIDE CITRUS	.3000	C	V	.00
09/05/90	YEAR 1	G	INSECTICIDE APPL CITRUS	1.0000	C	V	.00
09/15/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
11/10/90	YEAR 1	M	DISCING-OFFSET 10 FT	1.0000			.00
11/15/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
12/15/90	YEAR 1	E	TREE WRAP	145.0000	C	V	.00
12/15/90	YEAR 1	H	TREE WRAP/UNWRAP	10.0000	C	V	.00
12/31/90	YEAR 3	K	CITRUS	1.0000	C	F	.00
12/31/90	YEAR 3	E	MISC ADMIN. O/H CITRUS	1.0000	C	F	.00

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**GRAPEFRUIT ESTABLISHMENT - YEAR 2 (145 TREES/ACRE)**  
 South Texas District (12)  
 1990 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	
=====	=====	====	=====	=====	
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	)BI ] y	3.000	3.00	_____
:r* r!					
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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		0.36	_____
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	236.919	Dol.	0.120	28.43	_____
Total VARIABLE COST				378.27	_____
GROSS INCOME minus VARIABLE COST				-378.27	_____
FIXED COST Description		Unit		Total	
=====		====		=====	
MISC ADMIN. O/H CITRUS		acre		7.50	_____
Machinery and Equipment		Acre		48.30	_____
Land		Acre		70.00	_____
Perennial Crop		Acre		77.46	_____
Total FIXED Cost				203.26	_____
Total of ALL Cost				581.53	_____
NET PROJECTED RETURNS				-581.53	_____

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-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
02/06/90	YEAR 2	E	TREE REPLACEMENT	3.0000	C	V	.00
02/06/90	YEAR 2	E	TREE INSURANCE (LVL-2)2	1.0000	C	V	.00
02/11/90	YEAR 2	H	TREE WRAP/UNWRAP	5.0000	C	V	.00
02/21/90	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
02/26/90	YEAR 2	E	NITROGEN	9.2500	C	V	.00
02/26/90	YEAR 2	G	FERTILIZER APPL. YEAR 2	1.0000	C	V	.00
03/01/90	YEAR 2	M	DISCING-OFFSET 10 FT	1.0000			.00
03/02/90	YEAR 2	E	HERB., PREEMERGE CITRUS	1.3300	C	V	.00
03/02/90	YEAR 2	H	CITRUS LABOR	2.0000	C	V	.00
03/06/90	YEAR 2	E	MITICIDE	.5000	C	V	.00
03/06/90	YEAR 2	E	INSECTICIDE CITRUS	.6000	C	V	.00
03/06/90	YEAR 2	G	INSECTICIDE APPL CITRUS	1.0000	C	V	.00
03/27/90	YEAR 2	E	NITROGEN	9.2500	C	V	.00
03/27/90	YEAR 2	G	FERTILIZER APPL. YEAR 2	1.0000	C	V	.00
04/16/90	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
04/27/90	YEAR 2	E	NITROGEN	9.2500	C	V	.00
04/27/90	YEAR 2	G	FERTILIZER APPL. YEAR 2	1.0000	C	V	.00
05/16/90	YEAR 2	E	CONTACT HERB.	1.0000	C	V	.00
05/16/90	YEAR 2	G	HERBICIDE APPL. CONTACT	1.0000	C	V	.00
05/21/90	YEAR 2	M	DISCING-OFFSET 10 FT	1.0000			.00
05/27/90	YEAR 2	E	NITROGEN	9.2500	C	V	.00
05/27/90	YEAR 2	G	FERTILIZER APPL. YEAR 2	1.0000	C	V	.00
06/16/90	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
07/16/90	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
08/16/90	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
08/21/90	YEAR 2	M	DISCING-OFFSET 10 FT	1.0000			.00
09/06/90	YEAR 2	E	MITICIDE	.5000	C	V	.00
09/06/90	YEAR 2	E	INSECTICIDE CITRUS	.6000	C	V	.00
09/06/90	YEAR 2	G	INSECTICIDE APPL CITRUS	1.0000	C	V	.00
11/16/90	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
12/16/90	YEAR 2	H	TREE WRAP/UNWRAP	7.0000	C	V	.00
01/01/91	YEAR 2	K	CITRUS	1.0000	C	F	.00
01/01/91	YEAR 2	L	GRAPEFRUIT YEAR 1	1.0000	C	F	.00
01/01/91	YEAR 2	E	MISC ADMIN. O/H CITRUS	1.0000	C	F	.00

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**GRAPEFRUIT ESTABLISHMENT - YEAR 3 (145 TREES/ACRE)**  
 South Texas District (12)  
 1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
GRAPEFRUIT	2.000	ton	135.0000	270.00	
<b>Total GROSS Income</b>				<b>270.00</b>	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
<b>YEAR 3</b>					
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	
<b>Total YEAR 3</b>				<b>457.93</b>	
Interest - DC Borrowed	281.625	Dol.	0.120	33.80	
<b>Total VARIABLE COST</b>				<b>491.73</b>	
<i>Break-Even Price, Total Variable Cost \$ 245.86 per ton of GRAPEFRUIT</i>					
<b>GROSS INCOME minus VARIABLE COST</b>				<b>-221.73</b>	
FIXED COST Description		Unit		Total	Your Estimate
MISC ADMIN. O/H CITRUS		acre		7.50	
Machinery and Equipment		Acre		32.20	
Land		Acre		70.00	
Perennial Crop		Acre		106.54	
<b>Total FIXED Cost</b>				<b>216.24</b>	
<i>Break-Even Price, Total Cost \$ 353.98 per ton of GRAPEFRUIT</i>					
<b>Total of ALL Cost</b>				<b>707.96</b>	
<b>NET PROJECTED RETURNS</b>				<b>-437.96</b>	

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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.
12/15/92	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
02/10/92	YEAR 3	H	TREE WRAP/UNWRAP	5.0000	C	V	.00
02/10/92	YEAR 3	E	TREE INSURANCE (LVL-2)3	1.0000	C	V	.00
02/25/92	YEAR 3	E	NITROGEN	24.6700	C	V	.00
02/25/92	YEAR 3	G	FERTILIZER APPL. YEAR 3	1.0000	C	V	.00
03/01/92	YEAR 3	E	HERB., SELECTIVE #1	5.0000	C	V	.00
03/01/92	YEAR 3	H	CITRUS LABOR	4.0000	C	V	.00
03/01/92	YEAR 3	E	HERB., SELECTIVE #2	5.0000	C	V	.00
03/05/92	YEAR 3	E	MITICIDE	1.0000	C	V	.00
03/05/92	YEAR 3	E	INSECTICIDE CITRUS	1.0000	C	V	.00
03/05/92	YEAR 3	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
03/05/92	YEAR 3	E	INSECTICIDE CITRUS#2	.2500	C	V	.00
03/09/92	YEAR 3	E	CITRUS OIL	5.0000	C	V	.00
03/09/92	YEAR 3	H	CITRUS LABOR	3.0000	C	V	.00
04/15/92	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
04/24/92	YEAR 3	E	NITROGEN	24.6700	C	V	.00
04/24/92	YEAR 3	G	FERTILIZER APPL. YEAR 3	1.0000	C	V	.00
05/15/92	YEAR 3	E	CONTACT HERB.	1.0000	C	V	.00
05/15/92	YEAR 3	G	HERBICIDE APPL. CONTACT	1.0000	C	V	.00
05/20/92	YEAR 3	M	DISCING-OFFSET 10 FT	1.0000			.00
06/10/92	YEAR 3	E	FUNGICIDE CITRUS	6.0000	C	V	.00
06/10/92	YEAR 3	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
06/15/92	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
06/24/92	YEAR 3	E	NITROGEN	24.6600	C	V	.00
06/24/92	YEAR 3	G	FERTILIZER APPL. YEAR 3	1.0000	C	V	.00
07/15/92	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
08/15/92	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
08/20/92	YEAR 3	M	DISCING-OFFSET 10 FT	1.0000			.00
09/05/92	YEAR 3	E	MITICIDE	1.0000	C	V	.00
09/05/92	YEAR 3	E	INSECTICIDE CITRUS	1.0000	C	V	.00
09/05/92	YEAR 3	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
09/10/92	YEAR 3	E	INSECTICIDE CITRUS#2	.2500	C	V	.00
09/30/92	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
11/15/92	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
12/31/92	YEAR 3	K	CITRUS	1.0000	C	F	.00
12/31/92	YEAR 3	L	GRAPEFRUIT YEAR 1	1.0000	C	F	.00
12/31/92	YEAR 3	L	GRAPEFRUIT YEAR 2	1.0000	C	F	.00
12/31/92	YEAR 3	E	MISC ADMIN. O/H CITRUS	1.0000	C	F	.00

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**GRAPEFRUIT ESTABLISHMENT - YEAR 4 (145 TREES/ACRE)**  
 South Texas District (12)  
 1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
GRAPEFRUIT	4.000	ton	135.0000	540.00	
<b>Total GROSS Income</b>				<b>540.00</b>	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
<b>PREHARVEST</b>					
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		0.54	
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	
<b>Total PREHARVEST</b>				<b>529.54</b>	
Interest - OC Borrowed	349.947	Dol.	0.120	41.99	
<b>Total VARIABLE COST</b>				<b>571.53</b>	
<i>Break-Even Price, Total Variable Cost \$ 142.88 per ton of GRAPEFRUIT</i>					
<b>GROSS INCOME minus VARIABLE COST</b>				<b>-31.53</b>	
FIXED COST Description		Unit		Total	
MISC ADMIN. O/H CITRUS		acre		7.50	
Machinery and Equipment		Acre		52.61	
Land		Acre		70.00	
Perennial Crop		Acre		128.43	
<b>Total FIXED Cost</b>				<b>258.54</b>	
<i>Break-Even Price, Total Cost \$ 207.51 per ton of GRAPEFRUIT</i>					
<b>Total of ALL Cost</b>				<b>830.07</b>	
<b>NET PROJECTED RETURNS</b>				<b>-290.07</b>	

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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.
12/15/93	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
02/10/93	PREHARVEST	M	DITCHING	1.0000			.00
02/10/93	PREHARVEST	M	DISCING	1.0000			.00
02/10/93	PREHARVEST	E	TREE INSURANCE (LVL-2)4	1.0000	C	V	.00
02/12/93	PREHARVEST	E	NITROGEN	16.6700	C	V	.00
02/12/93	PREHARVEST	G	FERTILIZER APPL. YEAR 4	1.0000	C	V	.00
03/05/93	PREHARVEST	E	HERB., SELECTIVE #1	5.0000	C	V	.00
03/05/93	PREHARVEST	E	HERB., SELECTIVE #2	5.0000	C	V	.00
03/05/93	PREHARVEST	H	CITRUS LABOR	4.0000	C	V	.00
03/10/93	PREHARVEST	E	INSECTICIDE CITRUS	1.0000	C	V	.00
03/10/93	PREHARVEST	E	INSECTICIDE CITRUS#2	.2500	C	V	.00
03/10/93	PREHARVEST	E	CITRUS OIL	5.0000	C	V	.00
03/10/93	PREHARVEST	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
03/10/93	PREHARVEST	E	MITICIDE	2.0000	C	V	.00
03/15/93	PREHARVEST	H	CITRUS LABOR	8.0000	C	V	.00
04/12/93	PREHARVEST	E	NITROGEN	16.6700	C	V	.00
04/12/93	PREHARVEST	G	FERTILIZER APPL. YEAR 4	1.0000	C	V	.00
04/15/93	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
05/10/93	PREHARVEST	E	CONTACT HERB.	1.0000	C	V	.00
05/10/93	PREHARVEST	G	HERBICIDE APPL. CONTACT	1.0000	C	V	.00
05/20/93	PREHARVEST	M	DISCING-OFFSET 10 FT	1.0000			.00
06/10/93	PREHARVEST	E	INSECTICIDE CITRUS	1.0000	C	V	.00
06/10/93	PREHARVEST	E	CITRUS OIL	5.0000	C	V	.00
06/10/93	PREHARVEST	E	INSECTICIDE CITRUS#2	.2500	C	V	.00
06/10/93	PREHARVEST	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
06/10/93	PREHARVEST	E	MITICIDE	2.0000	C	V	.00
06/12/93	PREHARVEST	E	NITROGEN	16.6600	C	V	.00
06/12/93	PREHARVEST	G	FERTILIZER APPL. YEAR 4	1.0000	C	V	.00
06/15/93	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
07/15/93	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
08/10/93	PREHARVEST	E	CONTACT HERB.	1.0000	C	V	.00
08/10/93	PREHARVEST	G	HERBICIDE APPL. CONTACT	1.0000	C	V	.00
08/15/93	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
09/10/93	PREHARVEST	E	FUNGICIDE CITRUS	6.0000	C	V	.00
09/10/93	PREHARVEST	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
09/30/93	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
11/15/93	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
12/31/93	PREHARVEST	K	CITRUS	1.0000	C	F	.00
12/31/93	PREHARVEST	L	GRAPEFRUIT YEAR 1	1.0000	C	F	.00
12/31/93	PREHARVEST	L	GRAPEFRUIT YEAR 2	1.0000	C	F	.00
12/31/93	PREHARVEST	L	GRAPEFRUIT YEAR 3	1.0000	C	F	.00
12/31/93	PREHARVEST	E	MISC ADMIN. O/H CITRUS	1.0000	C	F	.00

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**GRAPEFRUIT, MATURE GROVE (145 TREES/ACRE)**  
 South Texas District (12)  
 1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
GRAPEFRUIT	22.000	ton	135.0000	2970.00	
<b>Total GROSS Income</b>				<b>2970.00</b>	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
<b>PREHARVEST</b>					
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		0.54	
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	
<b>Total PREHARVEST</b>				<b>729.82</b>	
Interest - OC Borrowed	457.728	Dol.	0.120	54.93	
<b>Total VARIABLE COST</b>				<b>784.74</b>	
<i>Break-Even Price, Total Variable Cost \$ 35.67 per ton of GRAPEFRUIT</i>					
<b>GROSS INCOME minus VARIABLE COST</b>				<b>2185.26</b>	
FIXED COST Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
MISC ADMIN. O/H CITRUS		acre		7.50	
Machinery and Equipment		Acre		52.61	
Land		Acre		70.00	
Perennial Crop		Acre		396.43	
<b>Total FIXED Cost</b>				<b>526.54</b>	
<i>Break-Even Price, Total Cost \$ 59.60 per ton of GRAPEFRUIT</i>					
<b>Total of ALL Cost</b>				<b>1311.28</b>	
<b>NET PROJECTED RETURNS</b>				<b>1658.72</b>	

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Projections for Planning Purposes Only  
 Not to be Used without Updating after April 20, 1990.

B-1241(C12)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
12/15/94	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
02/10/94	PREHARVEST	M	DITCHING	1.0000			.00
02/10/94	PREHARVEST	M	DISCING BORDER	1.0000			.00
02/10/94	PREHARVEST	E	TREE INSURANCE (LVL-2)M	1.0000	C	V	.00
02/10/94	PREHARVEST	G	TREE HEDGING	1.0000	C	V	.00
02/12/94	PREHARVEST	E	NITROGEN	50.0000	C	V	.00
02/12/94	PREHARVEST	G	FERTILIZER APPL. YEAR 4	1.0000	C	V	.00
03/05/94	PREHARVEST	E	HERB., SELECTIVE #1	5.0000	C	V	.00
03/05/94	PREHARVEST	H	CITRUS LABOR	4.0000	C	V	.00
03/10/94	PREHARVEST	E	MITICIDE	1.0000	C	V	.00
03/10/94	PREHARVEST	E	INSECTICIDE CITRUS	1.0000	C	V	.00
03/10/94	PREHARVEST	E	CITRUS OIL	10.0000	C	V	.00
03/10/94	PREHARVEST	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
03/10/94	PREHARVEST	E	INSECTICIDE CITRUS#2	.2500	C	V	.00
03/15/94	PREHARVEST	H	CITRUS LABOR	4.0000	C	V	.00
04/12/94	PREHARVEST	E	NITROGEN	50.0000	C	V	.00
04/12/94	PREHARVEST	G	FERTILIZER APPL. YEAR 4	1.0000	C	V	.00
04/15/94	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
05/10/94	PREHARVEST	E	CONTACT HERB.	1.0000	C	V	.00
05/10/94	PREHARVEST	G	HERBICIDE APPL. CONTACT	1.0000	C	V	.00
05/10/94	PREHARVEST	E	MITICIDE	1.0000	C	V	.00
05/10/94	PREHARVEST	E	INSECTICIDE CITRUS	1.0000	C	V	.00
05/10/94	PREHARVEST	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
05/10/94	PREHARVEST	E	INSECTICIDE CITRUS#2	.2500	C	V	.00
05/20/94	PREHARVEST	M	DISCING-OFFSET 10 FT	1.0000			.00
06/10/94	PREHARVEST	E	CITRUS OIL	10.0000	C	V	.00
06/12/94	PREHARVEST	E	NITROGEN	50.0000	C	V	.00
06/12/94	PREHARVEST	G	FERTILIZER APPL. YEAR 4	1.0000	C	V	.00
06/15/94	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
07/10/94	PREHARVEST	E	MITICIDE	1.0000	C	V	.00
07/10/94	PREHARVEST	E	INSECTICIDE CITRUS	1.0000	C	V	.00
07/10/94	PREHARVEST	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
07/10/94	PREHARVEST	E	INSECTICIDE CITRUS#2	.2500	C	V	.00
07/15/94	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
08/10/94	PREHARVEST	E	CONTACT HERB.	1.0000	C	V	.00
08/10/94	PREHARVEST	G	HERBICIDE APPL. CONTACT	1.0000	C	V	.00
08/15/94	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
09/10/94	PREHARVEST	E	HERB., SELECTIVE #2	5.0000	C	V	.00
09/10/94	PREHARVEST	H	CITRUS LABOR	4.0000	C	V	.00
09/10/94	PREHARVEST	E	MITICIDE	1.0000	C	V	.00
09/10/94	PREHARVEST	E	INSECTICIDE CITRUS	1.0000	C	V	.00
09/10/94	PREHARVEST	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
09/10/94	PREHARVEST	E	FUNGICIDE CITRUS	6.0000	C	V	.00
09/10/94	PREHARVEST	E	INSECTICIDE CITRUS#2	.2500	C	V	.00
10/01/94	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
11/15/94	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
12/31/94	PREHARVEST	K	CITRUS	1.0000	C	F	.00
12/31/94	PREHARVEST	L	GRAPEFRUIT YEAR 1A	1.0000	C	F	.00
12/31/94	PREHARVEST	L	GRAPEFRUIT YEAR 2A	1.0000	C	F	.00
12/31/94	PREHARVEST	L	GRAPEFRUIT YEAR 3A	1.0000	C	F	.00
12/31/94	PREHARVEST	L	GRAPEFRUIT YEAR 4A	1.0000	C	F	.00
12/31/94	PREHARVEST	E	MISC ADMIN. O/H CITRUS	1.0000	C	F	.00

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**ORANGES ESTABLISHMENT - YEAR 1 (200 TREES/ACRE)**  
 South Texas District (12)  
 1990 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	
=====	=====	=====	=====	=====	
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		0.48	_____
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				1621.43	_____
Interest - OC Borrowed	1274.746	Do1.	0.120	152.97	_____
Total VARIABLE COST				1774.40	_____
GROSS INCOME minus VARIABLE COST				-1774.40	_____
FIXED COST Description		Unit		Total	
=====		=====		=====	
MISC ADMIN. O/H CITRUS		acre		7.50	_____
Machinery and Equipment		Acre		64.40	_____
Land		Acre		70.00	_____
Total FIXED Cost				141.90	_____
Total of ALL Cost				1916.30	_____
NET PROJECTED RETURNS				-1916.30	_____

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B-1241(C12)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
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-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
01/15/90	YEAR 1	E	HERB., PREEMERGE CITRUS	1.4000	C	V	.00
01/15/90	YEAR 1	H	CITRUS LABOR	1.5000	C	V	.00
01/30/90	YEAR 1	G	LAND PREP./LEVEL	1.0000	C	V	.00
02/05/90	YEAR 1	E	TREE CITRUS	200.0000	C	V	.00
02/05/90	YEAR 1	G	LAYOUT/PLANT CITRUS	200.0000	C	V	.00
02/05/90	YEAR 1	E	TREE INSURANCE (LVL-2)0	1.0000	C	V	.00
02/10/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
02/20/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
02/25/90	YEAR 1	E	NITROGEN	6.5000	C	V	.00
02/25/90	YEAR 1	G	FERTILIZER APPL. YEAR 1	1.0000	C	V	.00
02/28/90	YEAR 1	M	DISCING-OFFSET 10 FT	1.0000			.00
03/05/90	YEAR 1	E	MITICIDE	.4000	C	V	.00
03/05/90	YEAR 1	E	INSECTICIDE CITRUS	.4000	C	V	.00
03/05/90	YEAR 1	G	INSECTICIDE APPL CITRUS	1.0000	C	V	.00
03/10/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
03/25/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
03/25/90	YEAR 1	E	NITROGEN	6.5000	C	V	.00
03/25/90	YEAR 1	G	FERTILIZER APPL. YEAR 1	1.0000	C	V	.00
04/10/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
04/25/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
04/25/90	YEAR 1	E	NITROGEN	6.5000	C	V	.00
04/25/90	YEAR 1	G	FERTILIZER APPL. YEAR 1	1.0000	C	V	.00
05/10/90	YEAR 1	M	DISCING-OFFSET 10 FT	1.0000			.00
05/15/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
05/15/90	YEAR 1	E	SPOT HERBICIDE	.5000	C	V	.00
05/15/90	YEAR 1	G	HERBICIDE APPL. SPOT	1.0000	C	V	.00
05/25/90	YEAR 1	E	NITROGEN	6.5000	C	V	.00
05/25/90	YEAR 1	G	FERTILIZER APPL. YEAR 1	1.0000	C	V	.00
06/15/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
07/15/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
07/15/90	YEAR 1	E	SPOT HERBICIDE	.5000	C	V	.00
07/15/90	YEAR 1	G	HERBICIDE APPL. SPOT	1.0000	C	V	.00
08/10/90	YEAR 1	M	DISCING-OFFSET 10 FT	1.0000			.00
08/15/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
09/05/90	YEAR 1	E	MITICIDE	.4000	C	V	.00
09/05/90	YEAR 1	E	INSECTICIDE CITRUS	.4000	C	V	.00
09/05/90	YEAR 1	G	INSECTICIDE APPL CITRUS	1.0000	C	V	.00
09/15/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
11/10/90	YEAR 1	M	DISCING-OFFSET 10 FT	1.0000			.00
11/15/90	YEAR 1	O	IRRIGATION CITRUS	6.0000			.00
12/15/90	YEAR 1	E	TREE WRAP	200.0000	C	V	.00
12/15/90	YEAR 1	H	TREE WRAP/UNWRAP	10.5000	C	V	.00
12/31/90	YEAR 3	K	CITRUS	1.0000	C	F	.00
12/31/90	YEAR 3	E	MISC ADMIN. O/H CITRUS	1.0000	C	F	.00

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**ORANGES ESTABLISHMENT - YEAR 2 (200 TREES/ACRE)**  
 South Texas District (12)  
 1990 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 =====	
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	.	0.36	_____
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				349.42	_____
Interest - OC Borrowed	237.489	DoI.	0.120	28.50	_____
Total VARIABLE COST				377.91	_____
GROSS INCOME minus VARIABLE COST				-377.91	_____
FIXED COST Description =====	Unit =====	Total =====			
MISC ADMIN. O/H CITRUS	acre	7.50			_____
Machinery and Equipment	Acre	48.30			_____
Land	Acre	70.00			_____
Perennial Crop	Acre	95.81			_____
Total FIXED Cost		221.61			_____
Total of ALL Cost		599.53			_____
NET PROJECTED RETURNS				-599.53	_____

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B-1241(C12)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	HEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
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-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
02/05/90	YEAR 2	E	TREE REPLACEMENT	3.0000	C	V	.00
02/05/90	YEAR 2	E	TREE INSURANCE (LVL2)02	1.0000	C	V	.00
02/10/90	YEAR 2	H	TREE WRAP/UNWRAP	6.0000	C	V	.00
02/20/90	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
02/25/90	YEAR 2	E	NITROGEN	12.7500	C	V	.00
02/25/90	YEAR 2	G	FERTILIZER APPL. YEAR 2	1.0000	C	V	.00
02/28/90	YEAR 2	M	DISCING-OFFSET 10 FT	1.0000			.00
03/01/90	YEAR 2	E	HERB., PREEMERGE CITRUS	1.3300	C	V	.00
03/01/90	YEAR 2	H	CITRUS LABOR	2.0000	C	V	.00
03/05/90	YEAR 2	E	MITICIDE	.7000	C	V	.00
03/05/90	YEAR 2	E	INSECTICIDE CITRUS	.8000	C	V	.00
03/05/90	YEAR 2	G	INSECTICIDE APPL CITRUS	1.0000	C	V	.00
03/26/90	YEAR 2	E	NITROGEN	12.7500	C	V	.00
03/26/90	YEAR 2	G	FERTILIZER APPL. YEAR 2	1.0000	C	V	.00
04/15/90	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
04/26/90	YEAR 2	E	NITROGEN	12.7500	C	V	.00
04/26/90	YEAR 2	G	FERTILIZER APPL. YEAR 2	1.0000	C	V	.00
05/15/90	YEAR 2	E	CONTACT HERB.	1.0000	C	V	.00
05/15/90	YEAR 2	G	HERBICIDE APPL. CONTACT	1.0000	C	V	.00
05/20/90	YEAR 2	M	DISCING-OFFSET 10 FT	1.0000			.00
05/26/90	YEAR 2	E	NITROGEN	12.7500	C	V	.00
05/26/90	YEAR 2	G	FERTILIZER APPL. YEAR 2	1.0000	C	V	.00
06/15/90	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
07/15/90	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
08/15/90	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
08/20/90	YEAR 2	M	DISCING-OFFSET 10 FT	1.0000			.00
09/05/90	YEAR 2	E	MITICIDE	.7000	C	V	.00
09/05/90	YEAR 2	E	INSECTICIDE CITRUS	.8000	C	V	.00
09/05/90	YEAR 2	G	INSECTICIDE APPL CITRUS	1.0000	C	V	.00
11/15/90	YEAR 2	O	IRRIGATION CITRUS	12.0000			.00
12/15/90	YEAR 2	H	TREE WRAP/UNWRAP	6.0000	C	V	.00
12/31/90	YEAR 2	K	CITRUS	1.0000	C	F	.00
12/31/90	YEAR 2	L	ORANGES YEAR 1	1.0000	C	F	.00
12/31/90	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)  
 1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
ORANGES	3.000	ton	150.0000	450.00	
<b>Total GROSS Income</b>				<b>450.00</b>	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
<b>YEAR 3</b>					
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	
<b>Total YEAR 3</b>				<b>466.84</b>	
Interest - OC Borrowed	263.600	Dol.	0.120	31.63	
<b>Total VARIABLE COST</b>				<b>498.47</b>	
<i>Break-Even Price, Total Variable Cost \$ 166.15 per ton of ORANGES</i>					
<b>GROSS INCOME minus VARIABLE COST</b>				<b>-48.47</b>	
FIXED COST Description		Unit		Total	
MISC ADMIN. O/H CITRUS		acre		7.50	
Machinery and Equipment		Acre		32.20	
Land		Acre		70.00	
Perennial Crop		Acre		125.79	
<b>Total FIXED Cost</b>				<b>235.49</b>	
<i>Break-Even Price, Total Cost \$ 244.65 per ton of ORANGES</i>					
<b>Total of ALL Cost</b>				<b>733.96</b>	
<b>NET PROJECTED RETURNS</b>				<b>-283.96</b>	

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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.
12/15/92	HARVEST	A	ORANGES	3.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
02/10/92	YEAR 3	H	TREE WRAP/UNWRAP	8.0000	C	V	.00
02/10/92	YEAR 3	E	TREE INSURANCE (LVL2)03	1.0000	C	V	.00
02/25/92	YEAR 3	E	NITROGEN	34.0000	C	V	.00
02/25/92	YEAR 3	G	FERTILIZER APPL. YEAR 3	1.0000	C	V	.00
03/01/92	YEAR 3	E	HERB., SELECTIVE #1	5.0000	C	V	.00
03/01/92	YEAR 3	H	CITRUS LABOR	2.0000	C	V	.00
03/05/92	YEAR 3	E	MITICIDE	1.3750	C	V	.00
03/05/92	YEAR 3	E	INSECTICIDE CITRUS	1.3750	C	V	.00
03/05/92	YEAR 3	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
03/05/92	YEAR 3	E	CITRUS OIL	3.5000	C	V	.00
04/15/92	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
04/24/92	YEAR 3	E	NITROGEN	34.0000	C	V	.00
04/24/92	YEAR 3	G	FERTILIZER APPL. YEAR 3	1.0000	C	V	.00
05/15/92	YEAR 3	E	CONTACT HERB.	1.0000	C	V	.00
05/15/92	YEAR 3	G	HERBICIDE APPL. CONTACT	1.0000	C	V	.00
05/20/92	YEAR 3	M	DISCING-OFFSET 10 FT	1.0000			.00
06/10/92	YEAR 3	E	INSECTICIDE CITRUS#2	.7000	C	V	.00
06/10/92	YEAR 3	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
06/15/92	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
06/24/92	YEAR 3	E	NITROGEN	34.0000	C	V	.00
06/24/92	YEAR 3	G	FERTILIZER APPL. YEAR 3	1.0000	C	V	.00
07/15/92	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
08/15/92	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
08/20/92	YEAR 3	M	DISCING-OFFSET 10 FT	1.0000			.00
09/05/92	YEAR 3	E	MITICIDE	1.3750	C	V	.00
09/05/92	YEAR 3	E	INSECTICIDE CITRUS	1.3750	C	V	.00
09/05/92	YEAR 3	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
09/05/92	YEAR 3	E	CITRUS OIL	3.5000	C	V	.00
09/10/92	YEAR 3	E	HERB., SELECTIVE #2	5.0000	C	V	.00
09/10/92	YEAR 3	H	CITRUS LABOR	2.0000	C	V	.00
09/30/92	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
11/15/92	YEAR 3	O	IRRIGATION CITRUS2	12.0000			.00
12/31/92	YEAR 3	K	CITRUS	1.0000	C	F	.00
12/31/92	YEAR 3	L	ORANGES YEAR 1	1.0000	C	F	.00
12/31/92	YEAR 3	L	ORANGES YEAR 2	1.0000	C	F	.00
12/31/92	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)  
 1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
ORANGES	5.000	ton	150.0000	750.00	
<b>Total GROSS Income</b>				<b>750.00</b>	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
<b>PREHARVEST</b>					
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		Acres		2.26	
Repairs - Machinery		Acres		0.54	
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	
<b>Total PREHARVEST</b>				<b>542.35</b>	
Interest - DC Borrowed	332.601	Dol.	0.120	39.91	
<b>Total VARIABLE COST</b>				<b>582.26</b>	
<i>Break-Even Price, Total Variable Cost \$ 116.45 per ton of ORANGES</i>					
<b>GROSS INCOME minus VARIABLE COST</b>				<b>167.74</b>	
FIXED COST Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
MISC ADMIN. O/H CITRUS		acre		7.50	
Machinery and Equipment		Acres		52.61	
Land		Acres		70.00	
Perennial Crop		Acres		139.99	
<b>Total FIXED Cost</b>				<b>270.10</b>	
<i>Break-Even Price, Total Cost \$ 170.47 per ton of ORANGES</i>					
<b>Total of ALL Cost</b>				<b>852.36</b>	
<b>NET PROJECTED RETURNS</b>				<b>-102.36</b>	

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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	HEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
12/15/93	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
02/10/93	PREHARVEST	M	DITCHING	1.0000			.00
02/10/93	PREHARVEST	M	DISCING BORDER	1.0000			.00
02/12/93	PREHARVEST	E	NITROGEN	16.6700	C	V	.00
02/12/93	PREHARVEST	G	FERTILIZER APPL. YEAR 4	1.0000	C	V	.00
02/12/93	PREHARVEST	E	TREE INSURANCE (LVL2)04	1.0000	C	V	.00
03/05/93	PREHARVEST	E	HERB., SELECTIVE #1	5.0000	C	V	.00
03/05/93	PREHARVEST	H	CITRUS LABOR	2.0000	C	V	.00
03/10/93	PREHARVEST	E	MITICIDE	2.7500	C	V	.00
03/10/93	PREHARVEST	E	INSECTICIDE CITRUS	1.3750	C	V	.00
03/10/93	PREHARVEST	E	CITRUS OIL	7.0000	C	V	.00
03/10/93	PREHARVEST	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
03/15/93	PREHARVEST	H	CITRUS LABOR	7.5000	C	V	.00
04/12/93	PREHARVEST	E	NITROGEN	16.6700	C	V	.00
04/12/93	PREHARVEST	G	FERTILIZER APPL. YEAR 4	1.0000	C	V	.00
04/15/93	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
05/10/93	PREHARVEST	E	CONTACT HERB.	1.0000	C	V	.00
05/10/93	PREHARVEST	G	HERBICIDE APPL. CONTACT	1.0000	C	V	.00
05/20/93	PREHARVEST	M	DISCING-OFFSET 10 FT	1.0000			.00
06/10/93	PREHARVEST	E	INSECTICIDE CITRUS#2	.7000	C	V	.00
06/10/93	PREHARVEST	E	CITRUS OIL	7.0000	C	V	.00
06/10/93	PREHARVEST	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
06/12/93	PREHARVEST	E	NITROGEN	16.6600	C	V	.00
06/12/93	PREHARVEST	G	FERTILIZER APPL. YEAR 4	1.0000	C	V	.00
06/15/93	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
07/15/93	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
08/10/93	PREHARVEST	E	CONTACT HERB.	1.0000	C	V	.00
08/10/93	PREHARVEST	G	HERBICIDE APPL. CONTACT	1.0000	C	V	.00
08/15/93	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
09/10/93	PREHARVEST	E	MITICIDE	2.7500	C	V	.00
09/10/93	PREHARVEST	E	INSECTICIDE CITRUS	1.3750	C	V	.00
09/10/93	PREHARVEST	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
09/10/93	PREHARVEST	E	HERB., SELECTIVE #2	5.0000	C	V	.00
09/10/93	PREHARVEST	H	CITRUS LABOR	2.0000	C	V	.00
09/30/93	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
11/15/93	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
12/31/93	PREHARVEST	K	CITRUS	1.0000	C	F	.00
12/31/93	PREHARVEST	L	ORANGES YEAR 1	1.0000	C	F	.00
12/31/93	PREHARVEST	L	ORANGES YEAR 2	1.0000	C	F	.00
12/31/93	PREHARVEST	L	ORANGES YEAR 3	1.0000	C	F	.00
12/31/93	PREHARVEST	E	MISC ADMIN. O/H CITRUS	1.0000	C	F	.00

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**ORANGES - MATURE GROVE (200 TREES/ACRE)**  
 South Texas District (12)  
 1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
ORANGES	18.000	ton	150.0000	2700.00	
<b>Total GROSS Income</b>				<b>2700.00</b>	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
<b>PREHARVEST</b>					
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		0.54	
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	
<b>Total PREHARVEST</b>				<b>768.18</b>	
Interest - OC Borrowed	476.601	DoI.	0.120	57.19	
<b>Total VARIABLE COST</b>				<b>825.37</b>	
<i>Break-Even Price, Total Variable Cost \$ 45.85 per ton of ORANGES</i>					
<b>GROSS INCOME minus-VARIABLE COST</b>				<b>1874.63</b>	
FIXED COST Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
MISC ADMIN. O/H CITRUS		acre		7.50	
Machinery and Equipment		Acre		52.61	
Land		Acre		70.00	
Perennial Crop		Acre		355.77	
<b>Total FIXED Cost</b>				<b>485.88</b>	
<i>Break-Even Price, Total Cost \$ 72.84 per ton of ORANGES</i>					
<b>Total of ALL Cost</b>				<b>1311.25</b>	
<b>NET PROJECTED RETURNS</b>				<b>1388.75</b>	

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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	HEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
12/15/93	HARVEST	A	ORANGES	18.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
02/10/93	PREHARVEST	M	DITCHING	1.0000			.00
02/10/93	PREHARVEST	M	DISCING BORDER	1.0000			.00
02/12/93	PREHARVEST	E	NITROGEN	50.0000	C	V	.00
02/12/93	PREHARVEST	G	FERTILIZER APPL. YEAR 4	1.0000	C	V	.00
02/12/93	PREHARVEST	E	TREE INSURANCE (LVL2)OM	1.0000	C	V	.00
02/12/93	PREHARVEST	G	TREE HEDGING	1.0000	C	V	.00
03/05/93	PREHARVEST	E	HERB., SELECTIVE #1	5.0000	C	V	.00
03/05/93	PREHARVEST	H	CITRUS LABOR	2.0000	C	V	.00
03/10/93	PREHARVEST	E	MITICIDE	2.7500	C	V	.00
03/10/93	PREHARVEST	E	INSECTICIDE CITRUS	2.7500	C	V	.00
03/10/93	PREHARVEST	E	CITRUS OIL	13.5000	C	V	.00
03/10/93	PREHARVEST	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
03/15/93	PREHARVEST	H	CITRUS LABOR	7.2000	C	V	.00
04/12/93	PREHARVEST	E	NITROGEN	50.0000	C	V	.00
04/12/93	PREHARVEST	G	FERTILIZER APPL. YEAR 4	1.0000	C	V	.00
04/15/93	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
05/10/93	PREHARVEST	E	CONTACT HERB.	1.0000	C	V	.00
05/10/93	PREHARVEST	G	HERBICIDE APPL. CONTACT	1.0000	C	V	.00
05/10/93	PREHARVEST	E	INSECTICIDE CITRUS#2	.7000	C	V	.00
05/10/93	PREHARVEST	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
05/20/93	PREHARVEST	M	DISCING-OFFSET 10 FT	1.0000			.00
06/12/93	PREHARVEST	E	NITROGEN	50.0000	C	V	.00
06/12/93	PREHARVEST	G	FERTILIZER APPL. YEAR 4	1.0000	C	V	.00
06/15/93	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
07/10/93	PREHARVEST	E	INSECTICIDE CITRUS#2	.7000	C	V	.00
07/10/93	PREHARVEST	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
07/10/93	PREHARVEST	E	CITRUS OIL	13.5000	C	V	.00
07/15/93	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
08/10/93	PREHARVEST	E	CONTACT HERB.	1.0000	C	V	.00
08/10/93	PREHARVEST	G	HERBICIDE APPL. CONTACT	1.0000	C	V	.00
08/15/93	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
09/10/93	PREHARVEST	E	MITICIDE	2.7500	C	V	.00
09/10/93	PREHARVEST	E	INSECTICIDE CITRUS	2.7500	C	V	.00
09/10/93	PREHARVEST	G	INSECTICIDE APPL CITRUS#2	1.0000	C	V	.00
09/10/93	PREHARVEST	E	HERB., SELECTIVE #2	5.0000	C	V	.00
09/10/93	PREHARVEST	H	CITRUS LABOR	2.0000	C	V	.00
09/30/93	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
11/15/93	PREHARVEST	O	IRRIGATION CITRUS2	12.0000			.00
12/31/93	PREHARVEST	K	CITRUS	1.0000	C	F	.00
12/31/93	PREHARVEST	L	ORANGES YEAR 1A	1.0000	C	F	.00
12/31/93	PREHARVEST	L	ORANGES YEAR 2A	1.0000	C	F	.00
12/31/93	PREHARVEST	L	ORANGES YEAR 3A	1.0000	C	F	.00
12/31/93	PREHARVEST	L	ORANGES YEAR 4A	1.0000	C	F	.00
12/31/93	PREHARVEST	E	MISC ADMIN. O/H CITRUS	1.0000	C	F	.00

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