DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
01/25/90	HARVEST	A	SPINACH	FRESH	400.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
03/15/89	PREHARVEST	O	IRRIGATION	VEG	4.0000			.00
06/30/89		E	MISC ADMIN O/H		.5000		F	.00
08/01/89	PREHARVEST	M	SHREDDING		1.0000			.00
08/03/89	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
08/05/89	PREHARVEST	M	PLOWING	MLDBOARD	1.0000			.00
08/07/89	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
08/09/89	PREHARVEST	M	PLANING	LAND	.2000			.00
08/10/89	PREHARVEST	M	DISC OFFSET	12 FT	.2000			.00
08/15/89	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00
08/20/89	PREHARVEST	E	PHOSPHATE		120.0000	C	V	.00
08/20/89	PREHARVEST	E	NITROGEN (DRY)		30.0000	C	V	.00
08/20/89	PREHARVEST	M	APPLY.FERTILIZER		1.0000			.00
08/25/89	PREHARVEST	E	HERBICIDE	SPINACH	1.0000	C	V	.00
08/25/89	PREHARVEST	M	SPRAYING	12 FT	1.0000			.00
09/01/89	PREHARVEST	H	HIRED LABOR		2.0000	C	V	.00
09/05/89	PREHARVEST	M	SHAPING		1.0000			.00
09/10/89	PREHARVEST	E	SEED	SPINACH	8.0000	C	V	.00
09/10/89	PREHARVEST	M	PLANTING	4 ROW	1.0000			.00
09/15/89	PREHARVEST	O	IRRIGATION	VEG	4.0000			.00
09/15/89	PREHARVEST	E	NITROGEN (DRY)		60.0000	C	V	.00
09/20/89	PREHARVEST	E	FUNGICIDE	RIDOMIL	1.0000	C	V	.00
09/20/89	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
09/25/89	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
09/30/89	PREHARVEST	E	INSECTICIDE	SPINACH	1.0000	C	V	.00
09/30/89	PREHARVEST	E	FUNGICIDE	SPINACH	1.0000	C	V	.00
09/30/89	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
10/01/89	PREHARVEST	H	HIRED LABOR		2.0000	C	V	.00
10/10/89	PREHARVEST	E	INSECTICIDE	SPINACH	1.0000	C	V	.00
10/10/89	PREHARVEST	E	FUNGICIDE	SPINACH	1.0000	C	V	.00
10/10/89	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
10/20/89	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
10/25/89	PREHARVEST	E	INSECTICIDE	SPINACH	1.0000	C	V	.00
10/25/89	PREHARVEST	E	FUNGICIDE	SPINACH	1.0000	C	V	.00
10/25/89	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
11/01/89	PREHARVEST	H	HIRED LABOR		3.0000	C	V	.00
11/10/89	PREHARVEST	E	INSECTICIDE	SPINACH	1.0000	C	V	.00
11/10/89	PREHARVEST	E	FUNGICIDE	SPINACH	1.0000	C	V	.00
11/10/89	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
11/15/89	PREHARVEST	O	IRRIGATION	VEG	4.0000			.00
11/20/89	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
11/25/89	PREHARVEST	E	INSECTICIDE	SPINACH	1.0000	C	V	.00
11/25/89	PREHARVEST	E	FUNGICIDE	SPINACH	1.0000	C	V	.00
11/25/89	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
11/30/89	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
12/15/89	PREHARVEST	E	INSECTICIDE	SPINACH	1.0000	C	V	.00
12/15/89	PREHARVEST	E	FUNGICIDE	SPINACH	1.0000	C	V	.00
12/15/89	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
01/10/90	PREHARVEST	O	IRRIGATION	VEG	4.0000			.00
01/25/90	HARVEST	G	HARV.,PACK & MKT	SPINACH	400.0000	C	V	.00
01/31/90		K	LAND - CASH RENT	VEG	1.0000		F	.00

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PROCESSED SPINACH, IRRIGATED

Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
SPINACH PROCESS.	9.300	ton	80.0000	744.00	
SPINACH SECONDS	0.500	ton	1.0000	0.50	
Total GROSS Income				744.50	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
PHOSPHATE	75.000	lb.	.250	18.75	
NITROGEN (DRY)	110.000	lb.	.250	27.50	
HERBICIDE	1.000	acre	36.000	36.00	
SEED	12.000	lb.	3.000	36.00	
INSECTICIDE	1.000	appl	13.000	13.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	13.000	13.00	
FUNGICIDE	1.000	appl	18.000	18.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	13.000	13.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
NITROGEN (LIQ)	60.000	lb.	.250	15.00	
INSECTICIDE	1.000	appl	13.000	13.00	
FUNGICIDE	1.000	appl	4.500	4.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	13.000	13.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	13.000	13.00	
FUNGICIDE	1.000	appl	4.500	4.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	13.000	13.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	13.000	13.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
FUNGICIDE	1.000	appl	4.500	4.50	
Fuel & Lube - Machinery		Acre		18.36	
- Irrigation		Acre		34.96	
Repairs - Machinery		Acre		4.54	
- Irrigation		Acre		8.00	
Labor - Machinery	3.990	Hour	4.561	18.20	
- Other	6.000	Hour	4.560	27.36	
- Irrigation	1.600	Hour	4.559	7.30	
Total PREHARVEST				415.46	
HARVEST					
HARV.,PACK & MKT	9.800	ton	7.500	73.50	
Total HARVEST				73.50	
Interest - OC Borrowed	172.343	Dol.	0.110	18.96	
Total VARIABLE COST				507.92	
GROSS INCOME minus VARIABLE COST				236.58	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	8.00	
Machinery and Equipment	Acre	64.31	
Irrigation	Acre	28.00	
Land	Acre	50.00	
Total FIXED Cost		150.31	
Total of ALL Cost		658.23	
NET PROJECTED RETURNS		86.27	

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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.
02/25/90	HARVEST	A	SPINACH	PROCESS.	9.3000	.0000	C	.00	N
02/25/90	HARVEST	A	SPINACH SECONDS		.5000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
06/30/89		P	MISC ADMIN O/H		.5000		F	.00
08/01/89	PREHARVEST	M	SHREDDING		1.0000			.00
08/03/89	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
08/05/89	PREHARVEST	M	PLOWING	MLDBOARD	1.0000			.00
08/07/89	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
08/09/89	PREHARVEST	M	PLANING	LAND	.2000			.00
08/11/89	PREHARVEST	M	DISC OFFSET	12 FT	.2000			.00
08/15/89	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00
08/20/89	PREHARVEST	E	PHOSPHATE		75.0000	C	V	.00
08/20/89	PREHARVEST	E	NITROGEN (DRY)		110.0000	C	V	.00
08/20/89	PREHARVEST	M	APPLY.FERTILIZER		1.0000			.00
08/25/89	PREHARVEST	E	HERBICIDE	SP.B	1.0000	C	V	.00
08/25/89	PREHARVEST	M	SPRAYING	12 FT	1.0000			.00
09/05/89	PREHARVEST	M	SHAPING		1.0000			.00
09/10/89	PREHARVEST	E	SEED	SPINPROC	12.0000	C	V	.00
09/10/89	PREHARVEST	M	PLANTING	4 ROW	1.0000			.00
09/15/89	PREHARVEST	O	IRRIGATION	VEG	3.0000			.00
09/20/89	PREHARVEST	E	INSECTICIDE	SPINACH	1.0000	C	V	.00
09/20/89	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
09/25/89	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
09/30/89	PREHARVEST	E	INSECTICIDE	SPINACH	1.0000	C	V	.00
09/30/89	PREHARVEST	E	FUNGICIDE	RIDOMIL	1.0000	C	V	.00
09/30/89	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
10/01/89	PREHARVEST	H	HIRED LABOR		2.0000	C	V	.00
10/10/89	PREHARVEST	E	INSECTICIDE	SPINACH	1.0000	C	V	.00
10/10/89	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
10/15/89	PREHARVEST	E	NITROGEN (LIQ)		60.0000	C	V	.00
10/15/89	PREHARVEST	O	IRRIGATION	VEG	4.0000			.00
10/20/89	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
10/25/89	PREHARVEST	E	INSECTICIDE	SPINACH	1.0000	C	V	.00
10/25/89	PREHARVEST	E	FUNGICIDE	SPINACH	1.0000	C	V	.00
10/25/89	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
10/31/89	PREHARVEST	E	MISC ADMIN O/H		.5000	C	F	.00
11/01/89	PREHARVEST	H	HIRED LABOR		2.0000	C	V	.00
11/10/89	PREHARVEST	E	INSECTICIDE	SPINACH	1.0000	C	V	.00
11/10/89	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
11/15/89	PREHARVEST	O	IRRIGATION	VEG	3.0000			.00
11/20/89	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
11/25/89	PREHARVEST	E	INSECTICIDE	SPINACH	1.0000	C	V	.00
11/25/89	PREHARVEST	E	FUNGICIDE	SPINACH	1.0000	C	V	.00
11/25/89	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
11/30/89	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
12/01/89	PREHARVEST	H	HIRED LABOR		2.0000	C	V	.00
12/10/89	PREHARVEST	E	INSECTICIDE	SPINACH	1.0000	C	V	.00
12/10/89	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
12/15/89	PREHARVEST	O	IRRIGATION	VEG	3.0000			.00
12/25/89	PREHARVEST	E	INSECTICIDE	SPINACH	1.0000	C	V	.00
12/25/89	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
12/25/89	PREHARVEST	E	FUNGICIDE	SPINACH	1.0000	C	V	.00
01/10/90	PREHARVEST	O	IRRIGATION	VEG	3.0000			.00
02/25/90	HARVEST	G	HARV.,PACK & MKT	SPINPROC	9.8000	C	V	.00
02/28/90		K	LAND - CASH RENT	VEG	1.0000		F	.00

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

PECAN ORCHARD, ESTABLISHMENT PHASE

Southwest Texas District-13 (Wintergarden Region)
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	Your Estimate
CUSTOM CHISEL	1.000	appl	10.000	10.00	______
CUSTOM DISCING	1.000	acre	8.000	8.00	______
CUST. LAND PLANE	1.000	acre	6.000	6.00	______
CUSTOM DISCING	1.000	acre	8.000	8.00	______
PLANTING EQUIP.	5.000	hour	2.000	10.00	______
TREES (5-6 FT)	35.000	tree	6.500	227.50	______
MISCELLANEOUS	0.500	acre	15.000	7.50	______
PLANTING EQUIP.	5.000	hour	2.000	10.00	______
Fuel & Lube - Machinery		Acre		4.72	______
Repairs - Machinery		Acre		0.88	______
Labor - Machinery	3.069	Hour	4.560	14.00	______
- Other	8.000	Hour	4.560	36.48	______
Interest - OC Borrowed	280.020	Dol.	0.110	30.80	______
Total VARIABLE COST				373.87	______
GROSS INCOME minus VARIABLE COST				-373.87	______

FIXED COST Description	Unit	Total	Your Estimate
Machinery and Equipment	Acre	18.81	______
Total FIXED Cost		18.81	______
Total of ALL Cost		392.69	______
NET PROJECTED RETURNS		-392.69	______

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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
12/05/89		M	SHREDDING		1.0000			.00
12/10/89		G	CUSTOM CHISEL		1.0000	C	V	.00
12/15/89		G	CUSTOM DISCING		1.0000	C	V	.00
12/15/89		H	HIRED LABOR		2.0000	C	V	.00
12/20/89		G	CUST. LAND PLANE		1.0000	C	V	.00
12/30/89		G	CUSTOM DISCING		1.0000	C	V	.00
01/15/90		H	HIRED LABOR		2.0000	C	V	.00
01/25/90		M	PLANTING	PECANS	.5000	C	V	.00
01/30/90		E	TREES (5-6 FT)	PECAN	35.0000	C	V	.00
01/31/90		M	PICKUP TRUCK	3/4 TON	5.0000			.00
01/31/90		E	MISCELLANEOUS	PECAN	.5000	C	V	.00
02/05/90		M	PLANTING	PECANS	.5000	C	V	.00
02/15/90		H	HIRED LABOR		2.0000	C	V	.00
11/15/90		H	HIRED LABOR		2.0000	C	V	.00

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

PECAN ORCHARD, PRE-PRODUCTION PHASE (YEARS 1-4)

Southwest Texas District-13 (Wintergarden Region)
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	Your Estimate
NITROGEN (DRY)	9.000	lb.	.250	2.25	
ZINC SULPHATE	1.250	lb.	.350	0.43	
INSECTICIDE	0.750	pt.	4.690	3.51	
FUNGICIDE	0.375	lb	11.500	4.31	
HERBICIDE	0.500	acre	24.500	12.25	
ZINC SULPHATE	1.250	lb.	.350	0.43	
INSECTICIDE	0.750	pt.	4.690	3.51	
FUNGICIDE	0.375	lb	11.500	4.31	
ZINC SULPHATE	1.250	lb.	.350	0.43	
INSECTICIDE	0.750	pt.	4.690	3.51	
FUNGICIDE	0.375	lb	11.500	4.31	
ZINC SULPHATE	1.250	lb.	.350	0.43	
INSECTICIDE	0.750	pt.	4.690	3.51	
FUNGICIDE	0.375	lb	11.500	4.31	
HERBICIDE	0.500	acre	24.500	12.25	
ZINC SULPHATE	1.250	lb.	.350	0.43	
INSECTICIDE	0.750	pt.	4.690	3.51	
FUNGICIDE	0.375	lb	11.500	4.31	
Fuel & Lube - Machinery		Acre		10.11	
- Irrigation		Acre		6.74	
Repairs - Machinery		Acre		3.34	
- Irrigation		Acre		10.29	
Labor - Machinery	4.605	Hour	4.560	21.00	
- Other	12.000	Hour	4.560	54.72	
- Irrigation	3.579	Hour	4.560	16.32	
Interest - OC Borrowed	129.501	Dol.	0.110	14.25	
Total VARIABLE COST				204.84	
GROSS INCOME minus VARIABLE COST				-204.84	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	8.00	
Machinery and Equipment	Acre	52.48	
Irrigation	Acre	101.69	
Land	Acre	50.00	
Perennial Crop	Acre	11.78	
Total FIXED Cost		223.95	
Total of ALL Cost		428.79	
NET PROJECTED RETURNS		-428.79	

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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
12/15/88		H	HIRED LABOR		1.0000	C	V	.00
01/15/89		H	HIRED LABOR		1.0000	C	V	.00
02/15/89		H	HIRED LABOR		1.0000	C	V	.00
03/10/89		M	DISC OFFSET	8 FT	1.0000			.00
03/10/89		M	APPLY FERTILIZER		1.0000			.00
03/15/89		E	NITROGEN (DRY)		9.0000	C	V	.00
03/15/89		H	HIRED LABOR		1.0000	C	V	.00
03/20/89		O	TRICKLE SYSTEM		.5000			.00
04/15/89		H	HIRED LABOR		1.0000	C	V	.00
04/15/89		M	SPRAYING	HYDRAUL.	1.0000			.00
04/15/89		E	ZINC SULPHATE		1.2500	C	V	.00
04/15/89		E	INSECTICIDE	PECAN	.7500	C	V	.00
04/15/89		E	FUNGICIDE	PECAN	.3750	C	V	.00
04/20/89		O	TRICKLE SYSTEM		.8000			.00
04/25/89		M	SHREDDING		1.0000			.00
05/15/89		H	HIRED LABOR		1.0000	C	V	.00
05/15/89		M	SPRAYING	6 FT	1.0000			.00
05/15/89		E	HERBICIDE	PECAN	.5000	C	V	.00
05/15/89		M	SPRAYING	HYDRAUL.	1.0000			.00
05/15/89		E	ZINC SULPHATE		1.2500	C	V	.00
05/15/89		E	INSECTICIDE	PECAN	.7500	C	V	.00
05/15/89		E	FUNGICIDE	PECAN	.3750	C	V	.00
05/20/89		O	TRICKLE SYSTEM		.8000			.00
05/31/89		M	PICKUP TRUCK	3/4 TON	20.0000			.00
06/15/89		H	HIRED LABOR		1.0000	C	V	.00
06/15/89		M	SPRAYING	HYDRAUL.	1.0000			.00
06/15/89		E	ZINC SULPHATE		1.2500	C	V	.00
06/15/89		E	INSECTICIDE	PECAN	.7500	C	V	.00
06/15/89		E	FUNGICIDE	PECAN	.3750	C	V	.00
06/20/89		O	TRICKLE SYSTEM		.8000			.00
06/30/89		E	MISC ADMIN O/H		.5000		F	.00
07/15/89		H	HIRED LABOR		1.0000	C	V	.00
07/15/89		M	SPRAYING	HYDRAUL.	1.0000			.00
07/15/89		E	ZINC SULPHATE		1.2500	C	V	.00
07/15/89		E	INSECTICIDE	PECAN	.7500	C	V	.00
07/15/89		E	FUNGICIDE	PECAN	.3750	C	V	.00
07/20/89		O	TRICKLE SYSTEM		.8000			.00
08/10/89		M	SPRAYING	6 FT	1.0000			.00
08/10/89		E	HERBICIDE	PECAN	.5000	C	V	.00
08/15/89		H	HIRED LABOR		1.0000	C	V	.00
08/15/89		M	SPRAYING	HYDRAUL.	1.0000			.00
08/15/89		E	ZINC SULPHATE		1.2500	C	V	.00
08/15/89		E	INSECTICIDE	PECAN	.7500	C	V	.00
08/15/89		E	FUNGICIDE	PECAN	.3750	C	V	.00
08/20/89		O	TRICKLE SYSTEM		.8000			.00
09/15/89		H	HIRED LABOR		1.0000	C	V	.00
10/15/89		H	HIRED LABOR		1.0000	C	V	.00
11/15/89		H	HIRED LABOR		1.0000	C	V	.00
11/30/89		K	LAND - CASH RENT	PECANS	1.0000		F	.00
11/30/89		L	PECAN	ESTABL.I	1.0000		F	.00

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

PECAN ORCHARD, EARLY PRODUCTION PHASE (YEARS 5-9)
Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PECANS	600.000	lb.	0.8000	480.00	
Total GROSS Income				480.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
NITROGEN (DRY)	37.500	lb.	.250	9.37	
ZINC SULPHATE	2.500	lb.	.350	0.87	
INSECTICIDE	1.500	pt.	4.690	7.03	
FUNGICIDE	0.750	lb	11.500	8.62	
HERBICIDE	0.500	acre	24.500	12.25	
ZINC SULPHATE	2.500	lb.	.350	0.87	
INSECTICIDE	1.500	pt.	4.690	7.03	
FUNGICIDE	0.750	lb	11.500	8.62	
ZINC SULPHATE	2.500	lb.	.350	0.87	
INSECTICIDE	1.500	pt.	4.690	7.03	
FUNGICIDE	0.750	lb	11.500	8.62	
ZINC SULPHATE	2.500	lb.	.350	0.87	
INSECTICIDE	1.500	pt.	4.690	7.03	
FUNGICIDE	0.750	lb	11.500	8.62	
HERBICIDE	0.500	acre	24.500	12.25	
ZINC SULPHATE	2.500	lb.	.350	0.87	
INSECTICIDE	1.500	pt.	4.690	7.03	
FUNGICIDE	0.750	lb	11.500	8.62	
Fuel & Lube - Machinery		Acre		14.34	
- Irrigation		Acre		14.98	
Repairs - Machinery		Acre		8.20	
- Irrigation		Acre		9.60	
Labor - Machinery	5.927	Hour	4.560	27.03	
- Other	10.000	Hour	4.560	45.60	
- Irrigation	3.340	Hour	4.560	15.23	
Total PREHARVEST				251.53	
HARVEST					
CUSTOM PICKING	300.000	lb.	.280	84.00	
CUSTOM PICKING	300.000	lb.	.280	84.00	
Labor - Other	0.800	Hour	4.560	3.65	
Total HARVEST				171.65	
Interest - OC Borrowed	136.854	Dol.	0.110	15.05	
Total VARIABLE COST				438.23	

Break-Even Price, Total Variable Cost $ 0.73 per lb. of PECANS

GROSS INCOME minus VARIABLE COST	41.77	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	12.00	
Machinery and Equipment	Acre	74.09	
Irrigation	Acre	96.47	
Land	Acre	50.00	
Perennial Crop	Acre	63.24	
Total FIXED Cost		295.79	

Break-Even Price, Total Cost $ 1.22 per lb. of PECANS

Total of ALL Cost	734.02	
NET PROJECTED RETURNS	-254.02	

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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.
10/30/90	HARVEST	A	PECANS		300.0000	.0000	C	.00	Y
11/20/90	HARVEST	A	PECANS		300.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
12/15/89	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
01/15/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
02/15/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
03/10/90	PREHARVEST	M	SHREDDING		1.0000			.00
03/15/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
03/15/90	PREHARVEST	M	APPLY FERTILIZER		1.0000			.00
03/15/90	PREHARVEST	E	NITROGEN (DRY)		37.5000	C	V	.00
04/15/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
04/15/90	PREHARVEST	M	SPRAYING	HI SPEED	1.0000			.00
04/15/90	PREHARVEST	E	ZINC SULPHATE		2.5000	C	V	.00
04/15/90	PREHARVEST	E	INSECTICIDE	PECAN	1.5000	C	V	.00
04/15/90	PREHARVEST	E	FUNGICIDE	PECAN	.7500	C	V	.00
04/20/90	PREHARVEST	O	TRICKLE SYSTEM	1	1.0000			.00
05/15/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
05/15/90	PREHARVEST	M	SPRAYING	6 FT	1.0000			.00
05/15/90	PREHARVEST	E	HERBICIDE	PECAN	.5000	C	V	.00
05/15/90	PREHARVEST	M	SPRAYING	HI SPEED	1.0000			.00
05/15/90	PREHARVEST	E	ZINC SULPHATE		2.5000	C	V	.00
05/15/90	PREHARVEST	E	INSECTICIDE	PECAN	1.5000	C	V	.00
05/15/90	PREHARVEST	E	FUNGICIDE	PECAN	.7500	C	V	.00
05/20/90	PREHARVEST	O	TRICKLE SYSTEM	1	1.8000			.00
05/25/90	PREHARVEST	M	APPLY FERTILIZER		1.0000			.00
05/31/90	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
06/15/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
06/15/90	PREHARVEST	M	SPRAYING	HI SPEED	1.0000			.00
06/15/90	PREHARVEST	E	ZINC SULPHATE		2.5000	C	V	.00
06/15/90	PREHARVEST	E	INSECTICIDE	PECAN	1.5000	C	V	.00
06/15/90	PREHARVEST	E	FUNGICIDE	PECAN	.7500	C	V	.00
06/20/90	PREHARVEST	O	TRICKLE SYSTEM	1	1.8000			.00
06/30/90	PREHARVEST	E	MISC ADMIN O/H		.7500		F	.00
07/15/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
07/15/90	PREHARVEST	M	SPRAYING	HI SPEED	1.0000			.00
07/15/90	PREHARVEST	E	ZINC SULPHATE		2.5000	C	V	.00
07/15/90	PREHARVEST	E	INSECTICIDE	PECAN	1.5000	C	V	.00
07/15/90	PREHARVEST	E	FUNGICIDE	PECAN	.7500	C	V	.00
07/20/90	PREHARVEST	O	TRICKLE SYSTEM	1	1.8000			.00
08/10/90	PREHARVEST	M	SPRAYING	6 FT	1.0000			.00
08/10/90	PREHARVEST	E	HERBICIDE	PECAN	.5000	C	V	.00
08/15/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
08/15/90	PREHARVEST	M	SPRAYING	HI SPEED	1.0000			.00
08/15/90	PREHARVEST	E	ZINC SULPHATE		2.5000	C	V	.00
08/15/90	PREHARVEST	E	INSECTICIDE	PECAN	1.5000	C	V	.00
08/15/90	PREHARVEST	E	FUNGICIDE	PECAN	.7500	C	V	.00
08/20/90	PREHARVEST	O	TRICKLE SYSTEM	1	1.8000			.00
09/15/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
09/20/90	PREHARVEST	O	TRICKLE SYSTEM	1	1.8000			.00
10/20/90	PREHARVEST	M	SHREDDING		1.0000			.00
10/30/90	HARVEST	G	CUSTOM PICKING	PECANS	300.0000	C	V	.00
10/30/90	HARVEST	H	HIRED LABOR		.4000	C	V	.00
11/20/90	HARVEST	H	HIRED LABOR		.4000	C	V	.00
11/20/90	HARVEST	G	CUSTOM PICKING	PECANS	300.0000	C	V	.00
11/30/90		K	LAND - CASH RENT	PECANS	1.0000		F	.00
11/30/90		L	PECAN	ESTABL.I	1.0000		F	.00
11/30/90		L	PECAN	PREHARVI	1.0000		F	.00

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

PECAN ORCHARD, OPERATIONAL PHASE (YEARS 10-20)

Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PECANS	1200.000	lb.	0.8000	960.00	
Total GROSS Income				960.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
NITROGEN (DRY)	70.000	lb.	.250	17.50	
INSECTICIDE	3.900	pt.	4.690	18.29	
FUNGICIDE	1.500	lb	11.500	17.25	
ZINC SULPHATE	7.500	lb.	.350	2.62	
HERBICIDE	0.500	acre	24.500	12.25	
ZINC SULPHATE	7.500	lb.	.350	2.62	
INSECTICIDE	3.900	pt.	4.690	18.29	
NITROGEN (DRY)	70.000	lb.	.250	17.50	
INSECTICIDE	3.900	pt.	4.690	18.29	
FUNGICIDE	1.500	lb	11.500	17.25	
ZINC SULPHATE	7.500	lb.	.350	2.62	
INSECTICIDE	3.900	pt.	4.690	18.29	
ZINC SULPHATE	7.500	lb.	.350	2.62	
HERBICIDE	0.500	acre	24.500	12.25	
INSECTICIDE	3.900	pt.	4.690	18.29	
FUNGICIDE	1.500	lb	11.500	17.25	
ZINC SULPHATE	7.500	lb.	.350	2.62	
Fuel & Lube - Machinery		Acre		15.86	
- Irrigation		Acre		23.96	
Repairs - Machinery		Acre		9.42	
- Irrigation		Acre		9.60	
Labor - Machinery	6.514	Hour	4.560	29.70	
- Other	16.500	Hour	4.560	75.24	
- Irrigation	3.340	Hour	4.560	15.23	
Total PREHARVEST				394.85	
HARVEST					
CUSTOM PICKING	600.000	lb.	.280	168.00	
CUSTOM PICKING	600.000	lb.	.280	168.00	
Labor - Other	1.500	Hour	4.560	6.84	
Total HARVEST				342.84	
Interest - OC Borrowed	196.934	Dol.	0.110	21.66	
Total VARIABLE COST				759.35	

Break-Even Price, Total Variable Cost $ 0.63 per lb. of PECANS

GROSS INCOME minus VARIABLE COST		200.65	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	16.00	
Machinery and Equipment	Acre	81.22	
Irrigation	Acre	98.08	
Land	Acre	50.00	
Perennial Crop	Acre	470.34	
Total FIXED Cost		715.64	

Break-Even Price, Total Cost $ 1.22 per lb. of PECANS

Total of ALL Cost	1474.99	
NET PROJECTED RETURNS	-514.99	

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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.
10/30/90	HARVEST	A	PECANS		600.0000	.0000	C	.00	Y
11/20/90	HARVEST	A	PECANS		600.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
12/15/89	PREHARVEST	H	HIRED LABOR		1.5000	C	V	.00
01/15/90	PREHARVEST	H	HIRED LABOR		1.5000	C	V	.00
02/15/90	PREHARVEST	H	HIRED LABOR		1.5000	C	V	.00
03/10/90	PREHARVEST	M	SHREDDING		1.0000			.00
03/15/90	PREHARVEST	H	HIRED LABOR		1.5000	C	V	.00
03/15/90	PREHARVEST	M	APPLY FERTILIZER		1.0000			.00
03/15/90	PREHARVEST	E	NITROGEN (DRY)		70.0000	C	V	.00
03/20/90	PREHARVEST	O	TRICKLE SYSTEM	2	1.0000			.00
04/15/90	PREHARVEST	H	HIRED LABOR		1.5000	C	V	.00
04/15/90	PREHARVEST	M	SPRAYING	HI SPEED	1.0000			.00
04/15/90	PREHARVEST	E	INSECTICIDE	PECAN	3.9000	C	V	.00
04/15/90	PREHARVEST	E	FUNGICIDE	PECAN	1.5000	C	V	.00
04/20/90	PREHARVEST	O	TRICKLE SYSTEM	2	2.0000			.00
05/10/90	PREHARVEST	M	SPRAYING	HI SPEED	1.0000			.00
05/10/90	PREHARVEST	E	ZINC SULPHATE		7.5000	C	V	.00
05/15/90	PREHARVEST	H	HIRED LABOR		1.5000	C	V	.00
05/15/90	PREHARVEST	M	SPRAYING	6 FT	1.0000			.00
05/15/90	PREHARVEST	E	HERBICIDE	PECAN	.5000	C	V	.00
05/20/90	PREHARVEST	O	TRICKLE SYSTEM	2	2.6000			.00
05/20/90	PREHARVEST	M	SPRAYING	HI SPEED	1.0000			.00
05/20/90	PREHARVEST	E	ZINC SULPHATE		7.5000	C	V	.00
05/20/90	PREHARVEST	E	INSECTICIDE	PECAN	3.9000	C	V	.00
05/25/90	PREHARVEST	M	APPLY FERTILIZER		1.0000			.00
05/25/90	PREHARVEST	E	NITROGEN (DRY)		70.0000	C	V	.00
05/31/90	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
06/15/90	PREHARVEST	H	HIRED LABOR		1.5000	C	V	.00
06/15/90	PREHARVEST	M	SPRAYING	HI SPEED	1.0000			.00
06/15/90	PREHARVEST	E	INSECTICIDE	PECAN	3.9000	C	V	.00
06/15/90	PREHARVEST	E	FUNGICIDE	PECAN	1.5000	C	V	.00
06/20/90	PREHARVEST	O	TRICKLE SYSTEM	2	2.6000			.00
06/20/90	PREHARVEST	E	ZINC SULPHATE		7.5000	C	V	.00
06/30/90	PREHARVEST	E	MISC ADMIN O/H		1.0000		F	.00
07/15/90	PREHARVEST	H	HIRED LABOR		1.5000	C	V	.00
07/15/90	PREHARVEST	M	SPRAYING	HI SPEED	1.0000			.00
07/15/90	PREHARVEST	E	INSECTICIDE	PECAN	3.9000	C	V	.00
07/20/90	PREHARVEST	O	TRICKLE SYSTEM	2	2.6000			.00
07/20/90	PREHARVEST	E	ZINC SULPHATE		7.5000	C	V	.00
08/10/90	PREHARVEST	M	SPRAYING	6 FT	1.0000			.00
08/10/90	PREHARVEST	E	HERBICIDE	PECAN	.5000	C	V	.00
08/15/90	PREHARVEST	H	HIRED LABOR		1.5000	C	V	.00
08/15/90	PREHARVEST	M	SPRAYING	HI SPEED	1.0000			.00
08/15/90	PREHARVEST	E	INSECTICIDE	PECAN	3.9000	C	V	.00
08/15/90	PREHARVEST	E	FUNGICIDE	PECAN	1.5000	C	V	.00
08/20/90	PREHARVEST	O	TRICKLE SYSTEM	2	2.6000			.00
08/20/90	PREHARVEST	E	ZINC SULPHATE		7.5000	C	V	.00
09/15/90	PREHARVEST	H	HIRED LABOR		1.5000	C	V	.00
09/20/90	PREHARVEST	O	TRICKLE SYSTEM	2	2.6000			.00
10/15/90	PREHARVEST	H	HIRED LABOR		1.5000	C	V	.00
10/25/90	PREHARVEST	M	SHREDDING		1.0000			.00
10/30/90	HARVEST	G	CUSTOM PICKING	PECANS	600.0000	C	V	.00
11/15/90	HARVEST	H	HIRED LABOR		1.5000	C	V	.00
11/20/90	HARVEST	G	CUSTOM PICKING	PECANS	600.0000	C	V	.00
11/30/90		K	LAND - CASH RENT	PECANS	1.0000		F	.00
11/30/90		L	PECAN	ESTABL.	1.0000		F	.00
11/30/90		L	PECAN	PREHARV.	1.0000		F	.00
11/30/90		L	PECAN	EARLY	1.0000		F	.00

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

PECAN ORCHARD, EARLY PRODUCTION PHASE (YEARS 5-9)
Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PECANS	600.000	lb.	0.8000	480.00	
Total GROSS Income				480.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
NITROGEN (DRY)	37.500	lb.	.250	9.37	
ZINC SULPHATE	2.500	lb.	.350	0.87	
INSECTICIDE	1.500	pt.	4.690	7.03	
FUNGICIDE	0.750	lb	11.500	8.62	
HERBICIDE	0.500	acre	24.500	12.25	
ZINC SULPHATE	2.500	lb.	.350	0.87	
INSECTICIDE	1.500	pt.	4.690	7.03	
FUNGICIDE	0.750	lb	11.500	8.62	
ZINC SULPHATE	2.500	lb.	.350	0.87	
INSECTICIDE	1.500	pt.	4.690	7.03	
FUNGICIDE	0.750	lb	11.500	8.62	
ZINC SULPHATE	2.500	lb.	.350	0.87	
INSECTICIDE	1.500	pt.	4.690	7.03	
FUNGICIDE	0.750	lb	11.500	8.62	
HERBICIDE	0.500	acre	24.500	12.25	
ZINC SULPHATE	2.500	lb.	.350	0.87	
INSECTICIDE	1.500	pt.	4.690	7.03	
FUNGICIDE	0.750	lb	11.500	8.62	
Fuel & Lube - Machinery		Acre		14.34	
- Irrigation		Acre		14.98	
Repairs - Machinery		Acre		8.20	
- Irrigation		Acre		9.60	
Labor - Machinery	5.927	Hour	4.560	27.03	
- Other	10.000	Hour	4.560	45.60	
- Irrigation	3.340	Hour	4.560	15.23	
Total PREHARVEST				251.53	
HARVEST					
Fuel & Lube - Machinery		Acre		9.21	
Repairs - Machinery		Acre		5.88	
Labor - Machinery	2.975	Hour	4.560	13.57	
- Other	11.000	Hour	4.560	50.16	
Total HARVEST				78.82	
Interest - OC Borrowed	.133.560	Dol.	0.110	14.69	
Total VARIABLE COST				345.05	

Break-Even Price, Total Variable Cost $ 0.57 per lb. of PECANS

GROSS INCOME minus VARIABLE COST	134.95	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	12.00	
Machinery and Equipment	Acre	149.04	
Irrigation	Acre	96.47	
Land	Acre	50.00	
Perennial Crop	Acre	63.24	
Total FIXED Cost		370.74	

Break-Even Price, Total Cost $ 1.19 per lb. of PECANS

Total of ALL Cost	715.79	
NET PROJECTED RETURNS	-235.79	

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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.
10/30/90	HARVEST	A	PECANS	300.0000	.0000	C	.00	Y
11/20/90	HARVEST	A	PECANS	300.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
12/15/89	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
01/15/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
02/15/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
03/10/90	PREHARVEST	M	SHREDDING		1.0000			.00
03/15/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
03/15/90	PREHARVEST	M	APPLY FERTILIZER		1.0000			.00
03/15/90	PREHARVEST	E	NITROGEN (DRY)		37.5000	C	V	.00
04/15/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
04/15/90	PREHARVEST	M	SPRAYING	HI SPEED	1.0000			.00
04/15/90	PREHARVEST	E	ZINC SULPHATE		2.5000	C	V	.00
04/15/90	PREHARVEST	E	INSECTICIDE	PECAN	1.5000	C	V	.00
04/15/90	PREHARVEST	E	FUNGICIDE	PECAN	.7500	C	V	.00
04/20/90	PREHARVEST	O	TRICKLE SYSTEM	1	1.0000			.00
05/15/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
05/15/90	PREHARVEST	M	SPRAYING	6 FT	1.0000			.00
05/15/90	PREHARVEST	E	HERBICIDE	PECAN	.5000	C	V	.00
05/15/90	PREHARVEST	M	SPRAYING	HI SPEED	1.0000			.00
05/15/90	PREHARVEST	E	ZINC SULPHATE		2.5000	C	V	.00
05/15/90	PREHARVEST	E	INSECTICIDE	PECAN	1.5000	C	V	.00
05/15/90	PREHARVEST	E	FUNGICIDE	PECAN	.7500	C	V	.00
05/20/90	PREHARVEST	O	TRICKLE SYSTEM	1	1.8000			.00
05/25/90	PREHARVEST	M	APPLY FERTILIZER		1.0000			.00
05/31/90	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
06/15/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
06/15/90	PREHARVEST	M	SPRAYING	HI SPEED	1.0000			.00
06/15/90	PREHARVEST	E	ZINC SULPHATE		2.5000	C	V	.00
06/15/90	PREHARVEST	E	INSECTICIDE	PECAN	1.5000	C	V	.00
06/15/90	PREHARVEST	E	FUNGICIDE	PECAN	.7500	C	V	.00
06/20/90	PREHARVEST	O	TRICKLE SYSTEM	1	1.8000			.00
06/30/90	PREHARVEST	E	MISC ADMIN O/H		.7500		F	.00
07/15/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
07/15/90	PREHARVEST	M	SPRAYING	HI SPEED	1.0000			.00
07/15/90	PREHARVEST	E	ZINC SULPHATE		2.5000	C	V	.00
07/15/90	PREHARVEST	E	INSECTICIDE	PECAN	1.5000	C	V	.00
07/15/90	PREHARVEST	E	FUNGICIDE	PECAN	.7500	C	V	.00
07/20/90	PREHARVEST	O	TRICKLE SYSTEM	1	1.8000			.00
08/10/90	PREHARVEST	M	SPRAYING	6 FT	1.0000			.00
08/10/90	PREHARVEST	E	HERBICIDE	PECAN	.5000	C	V	.00
08/15/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
08/15/90	PREHARVEST	M	SPRAYING	HI SPEED	1.0000			.00
08/15/90	PREHARVEST	E	ZINC SULPHATE		2.5000	C	V	.00
08/15/90	PREHARVEST	E	INSECTICIDE	PECAN	1.5000	C	V	.00
08/15/90	PREHARVEST	E	FUNGICIDE	PECAN	.7500	C	V	.00
08/20/90	PREHARVEST	O	TRICKLE SYSTEM	1	1.8000			.00
09/15/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
09/20/90	PREHARVEST	O	TRICKLE SYSTEM	1	1.8000			.00
10/20/90	PREHARVEST	M	SHREDDING		1.0000			.00
10/30/90	HARVEST	M	SHAKING	PECANS	3.0000			.00
10/30/90	HARVEST	M	PICKING	PECANS	3.0000			.00
10/30/90	HARVEST	D	PECAN CLEANER		.5000			.00
10/30/90	HARVEST	H	HIRED LABOR		5.0000			.00
11/15/90	HARVEST	M	DISC OFFSET	8 FT	1.0000			.00
11/20/90	HARVEST	M	SHAKING	PECANS	3.0000			.00
11/20/90	HARVEST	M	PICKING	PECANS	3.0000			.00
11/20/90	HARVEST	D	PECAN CLEANER		1.5000			.00
11/20/90	HARVEST	H	HIRED LABOR		6.0000			.00
11/30/90		K	LAND - CASH RENT	PECANS	1.0000		F	.00
11/30/90		L	PECAN	ESTABL.I	1.0000		F	.00
11/30/90		L	PECAN	PREHARVI	1.0000		F	.00

PECAN ORCHARD, OPERATIONAL PHASE (YEARS 10-20)
Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PECANS	1200.000	lb.	0.8000	960.00	
Total GROSS Income				960.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
NITROGEN (DRY)	70.000	lb.	.250	17.50	
INSECTICIDE	3.900	pt.	4.690	18.29	
FUNGICIDE	1.500	lb	11.500	17.25	
ZINC SULPHATE	7.500	lb.	.350	2.62	
HERBICIDE	0.500	acre	24.500	12.25	
ZINC SULPHATE	7.500	lb.	.350	2.62	
INSECTICIDE	3.900	pt.	4.690	18.29	
NITROGEN (DRY)	70.000	lb.	.250	17.50	
INSECTICIDE	3.900	pt.	4.690	18.29	
FUNGICIDE	1.500	lb	11.500	17.25	
ZINC SULPHATE	7.500	lb.	.350	2.62	
INSECTICIDE	3.900	pt.	4.690	18.29	
ZINC SULPHATE	7.500	lb.	.350	2.62	
HERBICIDE	0.500	acre	24.500	12.25	
INSECTICIDE	3.900	pt.	4.690	18.29	
FUNGICIDE	1.500	lb	11.500	17.25	
ZINC SULPHATE	7.500	lb.	.350	2.62	
Fuel & Lube - Machinery		Acre		15.86	
- Irrigation		Acre		23.96	
Repairs - Machinery		Acre		9.42	
- Irrigation		Acre		9.60	
Labor - Machinery	6.514	Hour	4.560	29.70	
- Other	16.500	Hour	4.560	75.24	
- Irrigation	3.340	Hour	4.560	15.23	
Total PREHARVEST				394.85	
HARVEST					
Fuel & Lube - Machinery		Acre		11.98	
Repairs - Machinery		Acre		7.58	
Labor - Machinery	5.020	Hour	4.560	22.89	
- Other	22.000	Hour	4.560	100.32	
Total HARVEST				142.76	
Interest - OC Borrowed	191.413	Dol.	0.110	21.06	
Total VARIABLE COST				558.67	

Break-Even Price, Total Variable Cost $ 0.46 per lb. of PECANS

GROSS INCOME minus VARIABLE COST	401.33	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	16.00	
Machinery and Equipment	Acre	183.17	
Irrigation	Acre	98.08	
Land	Acre	50.00	
Perennial Crop	Acre	422.42	
Total FIXED Cost		769.67	

Break-Even Price, Total Cost $ 1.10 per lb. of PECANS

Total of ALL Cost	1328.34	
NET PROJECTED RETURNS	-368.34	

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.
10/30/90	HARVEST	A	PECANS	600.0000	.0000	C	.00	Y
11/20/90	HARVEST	A	PECANS	600.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
12/15/89	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
01/15/90	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
02/15/90	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
03/10/90	PREHARVEST	M	SHREDDING	1.0000			.00
03/15/90	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
03/15/90	PREHARVEST	M	APPLY FERTILIZER	1.0000			.00
03/15/90	PREHARVEST	E	NITROGEN (DRY)	70.0000	C	V	.00
03/20/90	PREHARVEST	O	TRICKLE SYSTEM 2	1.0000			.00
04/15/90	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
04/15/90	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
04/15/90	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
04/15/90	PREHARVEST	E	FUNGICIDE PECAN	1.5000	C	V	.00
04/20/90	PREHARVEST	O	TRICKLE SYSTEM 2	2.0000			.00
05/10/90	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
05/10/90	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
05/15/90	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
05/15/90	PREHARVEST	M	SPRAYING 6 FT	1.0000			.00
05/15/90	PREHARVEST	E	HERBICIDE PECAN	.5000	C	V	.00
05/20/90	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
05/20/90	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
05/20/90	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
05/20/90	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
05/25/90	PREHARVEST	M	APPLY FERTILIZER	1.0000			.00
05/25/90	PREHARVEST	E	NITROGEN (DRY)	70.0000	C	V	.00
05/31/90	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
06/15/90	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
06/15/90	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
06/15/90	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
06/15/90	PREHARVEST	E	FUNGICIDE PECAN	1.5000	C	V	.00
06/20/90	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
06/20/90	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
06/30/90	PREHARVEST	E	MISC ADMIN O/H	1.0000		F	.00
07/15/90	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
07/15/90	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
07/15/90	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
07/20/90	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
07/20/90	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
08/10/90	PREHARVEST	M	SPRAYING 6 FT	1.0000			.00
08/10/90	PREHARVEST	E	HERBICIDE PECAN	.5000	C	V	.00
08/15/90	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
08/15/90	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
08/15/90	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
08/15/90	PREHARVEST	E	FUNGICIDE PECAN	1.5000	C	V	.00
08/20/90	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
08/20/90	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
09/15/90	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
09/20/90	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
10/15/90	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
10/25/90	PREHARVEST	M	SHREDDING	1.0000			.00
10/30/90	HARVEST	M	SHAKING PECANS	6.0000			.00
10/30/90	HARVEST	M	PICKING PECANS	6.0000			.00
10/30/90	HARVEST	H	HIRED LABOR	10.0000	C	V	.00
10/30/90	HARVEST	D	PECAN CLEANER	.5000			.00
11/20/90	HARVEST	M	SHAKING PECANS	6.0000			.00
11/20/90	HARVEST	M	PICKING PECANS	6.0000			.00
11/20/90	HARVEST	H	HIRED LABOR	12.0000	C	V	.00
11/20/90	HARVEST	D	PECAN CLEANER	1.5000			.00
11/30/90		K	LAND - CASH RENT PECANS	1.0000		F	.00
11/30/90		L	PECAN ESTABL.	1.0000		F	.00
11/30/90		L	PECAN PREHARV.	1.0000		F	.00
11/30/90		L	PECAN EARLYHAR	1.0000		F	.00

CROP PRODUCTS REPORT
April 20, 1990

Crop Product Name		Price per Unit	Unit of Mes.	Weight per Unit	Cash Flow Row
BEETS #1		60.0000	ton	2000.0000	20
BEETS #2		65.0000	ton	2000.0000	21
BEETS #3		10.0000	ton	2000.0000	21
CABBAGE		3.5000	bag	1.0000	20
CANTALOUPES		6.0000	crtn	1.0000	20
CARROTS		5.7500	bag	1.0000	20
CARROTS #1		15.0000	ton	2000.0000	20
CARROTS #2		64.0000	ton	2000.0000	20
CARROTS #3		36.0000	ton	2000.0000	20
CORN		2.5300	bu.	56.0000	20
CORN	FOOD	3.5000	bu.	56.0000	20
CORN SILAGE		18.0000	ton	2000.0000	20
COTTON LINT		.6200	lb.	1.0000	20
COTTON LINT	IRRI.	.6300	lb.	1.0000	20
COTTON LINT	X-LONG	.9000	lb.	1.0000	20
COTTONSEED		110.0000	ton	2000.0000	21
CUCUMBERS		6.5000	crtn	1.0000	20
CUCUMBERS	PICKLES	9.5000	cwt.	100.0000	20
CULLS	CARROT	1.0000	ton	2000.0000	22
DEFICIENCY PMT.	CORN	.2300	bu.	56.0000	23
DEFICIENCY PMT.	COTTON	.1500	lb.	1.0000	23
DEFICIENCY PMT.	OATS	.0000	bu.	32.0000	23
DEFICIENCY PMT.	SORGHUM	.7100	cwt.	100.0000	23
DEFICIENCY PMT.	WHEAT	.8900	bu.	60.0000	23
GRAZING*		.4000	days	1.0000	20
GRAZING*	BERMUDA	.3000	days	.0000	20
GRAZING*	OATS	.3000	days	.0000	20
GUAR		16.0000	cwt.	100.0000	20
HAY		65.0000	ton	2000.0000	20
HAY	BERMUDA	65.0000	ton	2000.0000	20
HAY	SORGHUM	65.0000	ton	2000.0000	20
LETTUCE		5.5000	crtn	50.0000	20
OATS		1.6000	bu.	32.0000	20
ONIONS		5.0000	bag	1.0000	20
PASTURE*	BUFFELGR	.3000	days	.0000	20
PASTURE*	SORGHUM	.3000	days	.0000	20
PEANUTS	F.RUNNER	30.9500	cwt.	100.0000	20
PECANS		.8000	lb.	1.0000	20
SM. GRAINS PAST.		.0000	AUM	1.0000	21
SORGHUM		3.9300	cwt.	100.0000	21
SOYBEANS		6.0000	bu.	56.0000	20
SPANISH PEANUTS		30.9500	cwt.	100.0000	20
SPINACH	FRESH	6.2500	bu.	1.0000	20
SPINACH	PROCESS.	80.0000	ton	2000.0000	20
SPINACH SECONDS		1.0000	ton	2000.0000	20
SUNFLOWERS		.0800	lb.	1.0000	20
USEABLE CULLS	BEET	1.0000	ton	2000.0000	22
WHEAT	SPRING	3.0900	bu.	60.0000	22
WHEAT	WINTER	3.0900	bu.	60.0000	22

TRACTORS, IMPLEMENTS AND EQUIPMENT
APRIL 20, 1990

DESCRIPTION	TRACTOR	TRACTOR	TRACTOR	TRACTOR	TRACTOR	TRACTOR
FIRST NAME	TRACTOR	TRACTOR	TRACTOR	TRACTOR	TRACTOR	TRACTOR
QUALIFYING NAME	100 HP	125 HP	150 HP	225 HP	40 HP	75 HP
HORSEPOWER RATING (HP)	100	125	150	225	40	75
USEFUL LIFE (HR OR MI)	12000	12000	12000	12000	12000	12000
FUEL TYPE	DI	DI	DI	DI	DI	DI
REMAINING LIFE (HR OR MI)	12000	12000	12000	12000	12000	12000
FUEL CON. (UNIT/HR OR /MI)						
ANNUAL USE (HR OR MI)	350	400	600	500	350	400
SPEED (MI/H)						
WIDTH (FT)						
FIELD EFFICIENCY (%)						
CAPACITY (AC/HR)						
POWER UNIT MULTIPLIER						
LABOR MULTIPLIER						
CURRENT LIST PRICE ($)	42100	49700	56400	90800	15300	25000
SALVAGE VALUE (%)	38	38	38	38	38	38
CURRENT MARKET VALUE ($)	37900	44700	50800	81700	13800	22500
LEASE PAYMENT ($)						
ANNUAL LICENSE & TAX ($)						
ANNUAL INSURANCE ($)						
ON FARM HIRED LABOR (HR)						
OFF FARM PARTS & LABOR ($)						
ON FARM OWNER LABOR (HR)						
ANNUAL USE BASE (HR OR MI)						
REPAIR COEFFICIENT #1	.029	.029	.029	.024	.029	.029
DEPRECIATION FACTOR #1	.68	.68	.68	.68	.68	.68
YEARS OWNED	7	7	7	7	7	7
REPAIR COEFFICIENT #2	1.5	1.5	1.5	1.5	1.5	1.5
DEPRECIATION FACTOR #2	.92	.92	.92	.92	.92	.92
CAPACITY (DEF.,CALC.)						
FUEL USE (DEF.,CALC.)	C	C	C	C	C	C
R & M CALC. (#1,#2)	2	2	2	2	2	2
LEASE CALC. (HOUR,YEAR)						

DESCRIPTION	SELF PROPELLED	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT
FIRST NAME	PECAN PICKER	ANHYDROUS APPL.	BED SHAPER	BEDDER	CHISEL	COMBINE
QUALIFYING NAME				6 ROW		PEANUT
HORSEPOWER RATING (HP)	25	125	115	115	150	50
USEFUL LIFE (HR OR MI)	2000	1200	2500	2500	2500	2000
FUEL TYPE	GA					
REMAINING LIFE (HR OR MI)	2000	1200	2500	2500	2500	2000
FUEL CON. (UNIT/HR OR /MI)						
ANNUAL USE (HR OR MI)	60	100	100	100	200	250
SPEED (MI/H)	4	5	4.5	4.5	4.5	2.5
WIDTH (FT)		18	12	20	15	13.3
FIELD EFFICIENCY (%)	70	80	80	80	80	60
CAPACITY (AC/HR)	12					
POWER UNIT MULTIPLIER	1.0	1.1	1.1	1.1	1.1	1.1
LABOR MULTIPLIER	1.25	1.2	1.2	1.2	1.2	1.2
CURRENT LIST PRICE ($)	10000	1	2700	3780	3780	16200
SALVAGE VALUE (%)		100	10	10	16	30
CURRENT MARKET VALUE ($)	10000	1	1950	1760	3780	16200
LEASE PAYMENT ($)						
ANNUAL LICENSE & TAX ($)						
ANNUAL INSURANCE ($)						
ON FARM HIRED LABOR (HR)						
OFF FARM PARTS & LABOR ($)						
ON FARM OWNER LABOR (HR)						
ANNUAL USE BASE (HR OR MI)		100				
REPAIR COEFFICIENT #1	.23	.934	.364	.364	.364	.380
DEPRECIATION FACTOR #1	.64	1	.6	.6	.6	.64
YEARS OWNED	7	10	10	10	10	6
REPAIR COEFFICIENT #2	1.4	1.4	1.3	1.3	1.3	1.4
DEPRECIATION FACTOR #2	.885	1	.885	.885	.885	.885
CAPACITY (DEF.,CALC.)	D	C	C	C	C	C
FUEL USE (DEF.,CALC.)	C	C	C	C	C	C
R & M CALC. (#1,#2)	2	1	2	2	2	2
LEASE CALC. (HOUR,YEAR)						

DESCRIPTION	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT
FIRST NAME	CULTIVATOR	CULTIVATOR	CULTIVATOR	CULTIVATOR 4 ROW	CULTIVATOR 6 ROW	DIGGER
QUALIFYING NAME	4 ROW	6 ROW	FIELD	ROLLING	ROLLING	PEANUT
HORSEPOWER RATING (HP)	70	115	55	75	100	50
USEFUL LIFE (HR OR MI)	2500	2500	2500	2500	2500	2500
FUEL TYPE						
REMAINING LIFE (HR OR MI)	2500	2500	2500	2500	2500	2500
FUEL CON. (UNIT/HR OR /MI)						
ANNUAL USE (HR OR MI)	100	100	200	100	100	250
SPEED (MI/H)	5	5	6	3.5	3.5	2.5
WIDTH (FT)	12	18	15	12	18	6.7
FIELD EFFICIENCY (%)	80	80	80	80	80	60
CAPACITY (AC/HR)						
POWER UNIT MULTIPLIER	1.1	1.1	1.1	1.1	1.1	1.1
LABOR MULTIPLIER	1.2	1.2	1.2	1.2	1.2	1.2
CURRENT LIST PRICE ($)	3025	3240	3780	2700	3780	3240
SALVAGE VALUE (%)	10	10	16	10	30	30
CURRENT MARKET VALUE ($)	3025	3240	3780	2700	3780	1300
LEASE PAYMENT ($)						
ANNUAL LICENSE & TAX ($)						
ANNUAL INSURANCE ($)						
ON FARM HIRED LABOR (HR)						
OFF FARM PARTS & LABOR ($)						
ON FARM OWNER LABOR (HR)						
ANNUAL USE BASE (HR OR MI)						
REPAIR COEFFICIENT #1	.364	.364	.364	.364	.364	.222
DEPRECIATION FACTOR #1	.6	.6	.6	.6	.6	.6
YEARS OWNED	10	10	10	8	10	10
REPAIR COEFFICIENT #2	1.3	1.3	1.3	1.3	1.3	1.4
DEPRECIATION FACTOR #2	.885	.885	.885	.885	.885	.885
CAPACITY (DEF.,CALC.)	C	C	C	C	C	C
FUEL USE (DEF.,CALC.)	C	C	C	C	C	C
R & M CALC. (#1,#2)	2	2	2	2	2	2
LEASE CALC. (HOUR,YEAR)						

DESCRIPTION	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT
FIRST NAME	DISC	DISC-OFFSET	DISC-OFFSET	DRILL	FERTILIZER SPDR.	HARROW SPIKE
QUALIFYING NAME	TANDEM	12 FT	8 FT			
HORSEPOWER RATING (HP)	125	125	40	75	75	75
USEFUL LIFE (HR OR MI)	2500	2500	2500	1200	1200	2500
FUEL TYPE						
REMAINING LIFE (HR OR MI)	2500	2500	2500	1200	1200	2500
FUEL CON. (UNIT/HR OR /MI)						
ANNUAL USE (HR OR MI)	100	100	50	88	50	35
SPEED (MI/H)	4.5	4.8	5	4	4	4.5
WIDTH (FT)	12	12	8	14	20	24
FIELD EFFICIENCY (%)	83	83	80	72	67	80
CAPACITY (AC/HR)						
POWER UNIT MULTIPLIER	1.1	1.1	1.1	1.1	1.1	1.1
LABOR MULTIPLIER	1.2	1.2	1.2	1.2	1.2	1.2
CURRENT LIST PRICE ($)	4320	6590	3200	5800	2700	1620
SALVAGE VALUE (%)	10	10	10	10	10	30
CURRENT MARKET VALUE ($)	4320	6590	3200	5220	2700	1620
LEASE PAYMENT ($)						
ANNUAL LICENSE & TAX ($)						
ANNUAL INSURANCE ($)						
ON FARM HIRED LABOR (HR)						
OFF FARM PARTS & LABOR ($)						
ON FARM OWNER LABOR (HR)						
ANNUAL USE BASE (HR OR MI)					100	
REPAIR COEFFICIENT #1	.364	.364	.364	.777	.934	.364
DEPRECIATION FACTOR #1	.6	.6	.6	.6	1	.6
YEARS OWNED	10	10	10	10	10	10
REPAIR COEFFICIENT #2	1.3	1.3	1.3	1.4	1.4	1.3
DEPRECIATION FACTOR #2	.885	.885	.885	.885	1	.885
CAPACITY (DEF.,CALC.)	C	C	C	C	C	C
FUEL USE (DEF.,CALC.)	C	C	C	C	C	C
R & M CALC. (#1,#2)	2	2	2	2	2	2
LEASE CALC. (HOUR,YEAR)						

DESCRIPTION	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT
FIRST NAME	LAND PLANE	MOLDBOARD PLOW	PECAN SHAKER	PECAN SHAKER	PLANTER	PLANTER
QUALIFYING NAME				HYDRAUL.	4 ROW	6 ROW
HORSEPOWER RATING (HP)	100	150	25	30	75	100
USEFUL LIFE (HR OR MI)	2500	2500	2000	1200	1200	1200
FUEL TYPE						
REMAINING LIFE (HR OR MI)	2500	2500	2000	1200	1200	1200
FUEL CON. (UNIT/HR OR /MI)						
ANNUAL USE (HR OR MI)	100	100	140	140	75	75
SPEED (MI/H)	6	4.5	6	4	4.5	4.5
WIDTH (FT)	12	5.3	10.5	6	13.3	18
FIELD EFFICIENCY (%)	60	80	60	65	60	60
CAPACITY (AC/HR)			4.5	4.3		
POWER UNIT MULTIPLIER	1.1	1.1	1.1	1.1	1.1	1.1
LABOR MULTIPLIER	1.2	1.2	1.2	1.2	1.2	1.1
CURRENT LIST PRICE ($)	6480	6480	4200	4200	5180	6480
SALVAGE VALUE (%)	30	10	10	10	10	10
CURRENT MARKET VALUE ($)	6480	6480	4200	3800	5180	6480
LEASE PAYMENT ($)						
ANNUAL LICENSE & TAX ($)						
ANNUAL INSURANCE ($)						
ON FARM HIRED LABOR (HR)						
OFF FARM PARTS & LABOR ($)						
ON FARM OWNER LABOR (HR)						
ANNUAL USE BASE (HR OR MI)				140		
REPAIR COEFFICIENT #1	.168	.364	.364	.777	.777	.777
DEPRECIATION FACTOR #1	.6	.6	.6	.6	.6	.6
YEARS OWNED	10	8	10	8	10	8
REPAIR COEFFICIENT #2	1.4	1.3	1.3	1.4	1.4	1.4
DEPRECIATION FACTOR #2	.885	.885	.885	.885	.885	.885
CAPACITY (DEF.,CALC.)	C	C	D	C	C	C
FUEL USE (DEF.,CALC.)	C	C	C	C	C	C
R & M CALC. (#1,#2)	2	2	2	1	2	2
LEASE CALC. (HOUR,YEAR)						

DESCRIPTION	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT
FIRST NAME	PLANTER	PLANTER	PLANTING EQUIP.	RODWEEDER	SHREDDER	SPRAYER
QUALIFYING NAME	PEANUT	STANHAY	PECAN			12 FT
HORSEPOWER RATING (HP)	30	75	20	60	75	45
USEFUL LIFE (HR OR MI)	1200	1200	1200	2500	2000	1200
FUEL TYPE						
REMAINING LIFE (HR OR MI)	1200	1200	1200	2500	2000	1200
FUEL CON. (UNIT/HR OR /MI)						
ANNUAL USE (HR OR MI)	75	75	200	100	200	35
SPEED (MI/H)	4.5	4.5	3	5	3.7	4
WIDTH (FT)	12.7	13.3	10	16	14	12
FIELD EFFICIENCY (%)	60	60	80	80	80	65
CAPACITY (AC/HR)			.5			
POWER UNIT MULTIPLIER	1.1	1.1	1.1	1.1	1.1	1.1
LABOR MULTIPLIER	1.1	1.2	1.2	1.2	1.2	1.2
CURRENT LIST PRICE ($)	5400	3240	1	1190	5180	1300
SALVAGE VALUE (%)	10	10	100	30	10	10
CURRENT MARKET VALUE ($)	5400	3240	1	1080	4750	1300
LEASE PAYMENT ($)						
ANNUAL LICENSE & TAX ($)						
ANNUAL INSURANCE ($)						
ON FARM HIRED LABOR (HR)						
OFF FARM PARTS & LABOR ($)						
ON FARM OWNER LABOR (HR)						
ANNUAL USE BASE (HR OR MI)			100			
REPAIR COEFFICIENT #1	.777	.777	.934	.364	.230	.777
DEPRECIATION FACTOR #1	.6	.6	1	.6	.6	.6
YEARS OWNED	8	10	10	10	8	8
REPAIR COEFFICIENT #2	1.4	1.4	1.4	1.3	1.4	1.4
DEPRECIATION FACTOR #2	.885	.885	1		.885	.885
CAPACITY (DEF.,CALC.)	C	C	D	C	C	C
FUEL USE (DEF.,CALC.)	C	C	C	C	C	C
R & M CALC. (#1,#2)	2	2	1	2	2	2
LEASE CALC. (HOUR,YEAR)						

DESCRIPTION	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT	EQUIPMENT	EQUIPMENT
FIRST NAME	SPRAYER	SPRAYER	SPRAYER	SPRAYER	PECAN CLEANER	STOCK SPRAYER
QUALIFYING NAME	6 FT	HI SPEED	HYDRAUL.	HYDRO.		
HORSEPOWER RATING (HP)	20	45	45	45		
USEFUL LIFE (HR OR MI)	1200	1200	1200	1200	400	10
FUEL TYPE					EL	
REMAINING LIFE (HR OR MI)	1200	1200	1200	1200	400	10
FUEL CON. (UNIT/HR OR /MI)					37.5	
ANNUAL USE (HR OR MI)	35	200	200	200	40	1
SPEED (MI/H)	4	5	5	5		
WIDTH (FT)	6	28	19	19		
FIELD EFFICIENCY (%)	65	65	65	65		
CAPACITY (AC/HR)		2.25	3.8	3.8		
POWER UNIT MULTIPLIER	1.1	1.1	1.1	1.1		
LABOR MULTIPLIER	1.2	1.2	1.2	1.2		
CURRENT LIST PRICE ($)	3000	5500	1500	1500	3800	1000
SALVAGE VALUE (%)	10	30	30	30	10	10
CURRENT MARKET VALUE ($)	2900	5500	1000	1000	3800	1000
LEASE PAYMENT ($)						
ANNUAL LICENSE & TAX ($)						
ANNUAL INSURANCE ($)						
ON FARM HIRED LABOR (HR)					5	
OFF FARM PARTS & LABOR ($)					76	10.00
ON FARM OWNER LABOR (HR)						
ANNUAL USE BASE (HR OR MI)					40	1
REPAIR COEFFICIENT #1	.777	.777	.777	.777		
DEPRECIATION FACTOR #1	.6	.6	.6	.6		
YEARS OWNED	8	6	6	6		
REPAIR COEFFICIENT #2	1.4	1.4	1.4	1.4		
DEPRECIATION FACTOR #2	.885	.885	.885	.885		
CAPACITY (DEF.,CALC.)	C	D	D	D	D	D
FUEL USE (DEF.,CALC.)	C	C	C	C	D	D
R & M CALC. (#1,#2)	2	2	2	2	1	1
LEASE CALC. (HOUR,YEAR)						

DESCRIPTION	EQUIPMENT	EQUIPMENT
FIRST NAME	STOCK TRAILER	TACK
QUALIFYING NAME		
HORSEPOWER RATING (HP)		
USEFUL LIFE (HR OR MI)	10	10
FUEL TYPE		
REMAINING LIFE (HR OR MI)	10	10
FUEL CON. (UNIT/HR OR /MI)		
ANNUAL USE (HR OR MI)	1	1
SPEED (MI/H)		
WIDTH (FT)		
FIELD EFFICIENCY (%)		
CAPACITY (AC/HR)		
POWER UNIT MULTIPLIER		
LABOR MULTIPLIER		
CURRENT LIST PRICE ($)	2600	500
SALVAGE VALUE (%)	10	10
CURRENT MARKET VALUE ($)	2400	500
LEASE PAYMENT ($)		
ANNUAL LICENSE & TAX ($)		
ANNUAL INSURANCE ($)		
ON FARM HIRED LABOR (HR)		
OFF FARM PARTS & LABOR ($)	13.00	5.00
ON FARM OWNER LABOR (HR)		
ANNUAL USE BASE (HR OR MI)	1	1
REPAIR COEFFICIENT #1		
DEPRECIATION FACTOR #1		
YEARS OWNED		
REPAIR COEFFICIENT #2		
DEPRECIATION FACTOR #2		
CAPACITY (DEF.,CALC.)	D	D
FUEL USE (DEF.,CALC.)	D	D
R & M CALC. (#1,#2)	1	1
LEASE CALC. (HOUR,YEAR)		

OPERATING INPUT RESOURCES
April 20, 1990

Operating Input		Price per Unit	Unit of Measure	Cash Flow Row
================	========	========	=======	====
BEEHIVE RENT		15	acre	52
BORON		10.05	acre	44
COTTONSEED CAKE		.14	lb.	47
DEFOLIANT		11.5	acre	45
FED. CROP INS.*	CORN	5.83	acre	54
FED. CROP INS.*	CORNFOOD	4.94	acre	54
FED. CROP INS.*	COTTON	15.25	acre	54
FED. CROP INS.*	FPEANUT	18.14	acre	54
FED. CROP INS.*	SORGHUMD	2.85	acre	54
FED. CROP INS.*	SORGHUMI	1.98	acre	54
FED. CROP INS.*	SOYBEAN	7.36	acre	54
FED. CROP INS.*	SPEANUT	30.48	acre	54
FED. CROP INS.*	WHEATD	3.88	acre	54
FED. CROP INS.*	WHEATI	3.64	acre	54
FUNGICIDE	BEET	4.50	acre	45
FUNGICIDE	CABBAGE	10.00	appl	45
FUNGICIDE	CANT.	10.00	appl	45
FUNGICIDE	CARROT	10.00	appl	45
FUNGICIDE	CARRPROC	10.00	appl	45
FUNGICIDE	CUCUMBER	10.00	acre	45
FUNGICIDE	DTRT	11.00	lb.	45
FUNGICIDE	LETTUCE	5.40	appl	45
FUNGICIDE	ONION	4.50	appl	45
FUNGICIDE	PEANUT	7.50	appl	45
FUNGICIDE	PECAN	11.50	lb	45
FUNGICIDE	REDOMIL	3.25	lb	45
FUNGICIDE	RIDOMIL	18.00	appl	45
FUNGICIDE	SPINACH	4.50	appl	45
FUNGICIDE, PCNB		.45	lb.	45
FUNGICIDE, PCNB	FPEANUT	34.00	appl	45
GIN, BAG, TIES		46.50	bale	55
GROWTH RETARDANT		14.00	appl	45
HAIL INSURANCE*	CORN	15.00	acre	54
HAIL INSURANCE*	COTTONLS	19.50	acre	54
HAIL INSURANCE*	COTTONSS	13.00	acre	54
HERB, POSTEMERGE	PEANUT	14.40	acre	45
HERB, PRE-EMERGE	PEANUT	6.12	acre	45
HERBICIDE	CABBAGE	8.50	acre	45
HERBICIDE	CANT.	8.50	acre	45
HERBICIDE	CARROT	8.50	acre	45
HERBICIDE	CORN	12.50	acre	45
HERBICIDE	COTTON	8.50	acre	45
HERBICIDE	CUCUMBER	8.00	acre	45
HERBICIDE	GUAR	4.00	acre	45
HERBICIDE	HAY	2.40	acre	45
HERBICIDE	LETTUCE	9.00	acre	45
HERBICIDE	ONION	35.00	acre	45
HERBICIDE	PECAN	24.50	acre	45
HERBICIDE	ROUNDUP	18.50	qt.	45
HERBICIDE	SORGHUM	10.00	acre	45
HERBICIDE	SOYBEAN	4.00	acre	45
HERBICIDE	SP.B	36.00	acre	45
HERBICIDE	SPINACH	36.00	acre	45
HERBICIDE	SUNFLOW.	4.00	acre	45
INOCULANT		.50	acre	43
INSECTICIDE	CABBAGE	13.00	appl	45
INSECTICIDE	CANT.	7.50	appl	45
INSECTICIDE	CARROT	6.50	appl	45
INSECTICIDE	CORN	8.50	appl	45
INSECTICIDE	COTTON#1	5.00	appl	45
INSECTICIDE	COTTON#2	7.50	appl	45
INSECTICIDE	COTTON#3	10.00	appl	45
INSECTICIDE	CUCUMBER	10.00	appl	45
INSECTICIDE	LETTUCE	8.00	appl	45
INSECTICIDE	ONION	10.00	appl	45
INSECTICIDE	PEANUT	8.40	appl	45
INSECTICIDE	PECAN	4.69	pt.	45
INSECTICIDE	SORGHUM	6.50	appl	45
INSECTICIDE	SOYBEAN	7.00	appl	45
INSECTICIDE	SPINACH	13.00	appl	45
INSECTICIDE	SUNFLOW.	6.00	appl	45
INSECTICIDE	ZOLO	11	pint	45

Operating Input		Price per Unit	Unit of Measure	Cash Flow Row
================	========	========	=======	====
LAMB FEED		.09	lb.	47
MARKETING	SHEEP	.60	head	55
MISC ADMIN O/H		16.00	acre	55
MISC. EXPENSE	GOATS	10.0	$	55
MISC. EXPENSE	SHEEP	1.00	$	55
MISCELLANEOUS	COW-CALF	5.00	head	55
MISCELLANEOUS	PECAN	15.0	acre	55
NEMATICIDE		28	appl	45
NITROGEN (ANHY)		.123	lb.	44
NITROGEN (DRY)		.25	lb.	44
NITROGEN (LIQ)		.25	lb.	44
PASTURE MAINT.		2.00	acre	52
PHOSPHATE		.25	lb.	44
PHOSPHORUS	FERT	.25	lb.	44
PLANTING EQUIP.	HIRED	2	hour	52
PLANTING EQUIP.	RENTAL	2	hour	52
POTASSIUM	FERT	.09	lb.	44
RANGE CUBES		.10	lb.	47
SALES COMMISSION		9	head	55
SALES COMMISSION	FEEDER	1.50	head	55
SALT & MINERALS		.28	lb.	47
SALT AND MINERAL		.35	lb.	47
SEED	BEET	4.75	lb.	43
SEED	BUFFELGR	3.40	lb.	43
SEED	CABBAGE	96.00	lb.	43
SEED	CANT.	7.50	lb.	43
SEED	CARROT	8.00	lb.	43
SEED	CARRPROC	48.00	lb.	43
SEED	CORN-GR.	1.00	lb.	43
SEED	CORN-SIL	1.00	lb.	43
SEED	CORNFOOD	1.45	lb.	43
SEED	COTT-XL	1.20	lb.	43
SEED	COTTON	.55	lb.	43
SEED	CUCUMBER	26.00	lb.	43
SEED	GUAR	.55	lb.	43
SEED	KLEIN.	5.50	lb.	43
SEED	LETTUCE	28.00	lb.	43
SEED	OATS	.15	lb.	43
SEED	ONION	37.00	lb.	43
SEED	PEANUT	.73	lb.	43
SEED	PICKLE	8.00	lb.	43
SEED	RYEGRASS	.25	lb.	43
SEED	SORGFORG	.32	lb.	43
SEED	SORGHUM	.80	lb.	43
SEED	SOYBEAN	.32	lb.	43
SEED	SPINACH	4.50	lb.	43
SEED	SPINPROC	3.00	lb.	43
SEED	SUNFLOW.	.50	lb.	43
SEED	WHEAT	.16	lb.	43
SHEARING	GOATS	1.5	head	55
SHEARING	SHEEP	1.5	head	55
SM. GRAINS PAST.		120.	acre	47
SOIL FUNGICIDE	FPEANUT	22.50	appl	45
STOCKER CALVES		72.00	cwt.	46
TRANSPORTATION	STOCKER	1	HEAD	49
TREES (5-6 FT)	PECAN	6.50	tree	43
VET. MEDICINE		5.00	head	48
VET. MEDICINE	GOATS	1	head	48
VET. MEDICINE	SHEEP	7.99	$	48
VET. MEDICINE	STOCKER	5.50	head	48
WATER FACILITY	REPAIR	2.0	head	55
ZINC SULPHATE		.35	lb.	45

AUTO OR TRUCK RESOURCES
APRIL 20, 1990

DESCRIPTION	AUTO OR TRUCK						
FIRST NAME	PICKUP TRUCK						
QUALIFYING NAME	3/4 TON						
HORSEPOWER RATING (HP)							
USEFUL LIFE (HR OR MI)	84000						
FUEL TYPE	GA						
REMAINING LIFE (HR OR MI)	84000						
FUEL CON. (UNIT/HR OR /MI)	15						
ANNUAL USE (HR OR MI)	21000						
SPEED (MI/H)	30						
WIDTH (FT)							
FIELD EFFICIENCY (%)							
CAPACITY (AC/HR)							
POWER UNIT MULTIPLIER							
LABOR MULTIPLIER							
CURRENT LIST PRICE ($)	13000						
SALVAGE VALUE (%)	.167						
CURRENT MARKET VALUE ($)	11000						
LEASE PAYMENT ($)							
ANNUAL LICENSE & TAX ($)	75						
ANNUAL INSURANCE ($)	600						
ON FARM HIRED LABOR (HR)							
OFF FARM PARTS & LABOR ($)	315						
ON FARM OWNER LABOR (HR)							
ANNUAL USE BASE (HR OR MI)	21000						
REPAIR COEFFICIENT #1							
DEPRECIATION FACTOR #1							
YEARS OWNED							
REPAIR COEFFICIENT #2							
DEPRECIATION FACTOR #2							
CAPACITY (DEF.,CALC.)	D						
FUEL USE (DEF.,CALC.)	D						
R & M CALC. (#1,#2)	1						
LEASE CALC. (HOUR,YEAR)							

CUSTOM OPERATION RESOURCES
April 20, 1990

Custom Operation		Price per Unit	Unit of Measure	Cash Flow Row
BALE, BAG, & TIE	STRIPPED	13	bale	42
BORON/FUNG. APPL		3.50	appl	42
CUST. LAND PLANE		6	acre	42
CUSTOM CHISEL		10	appl	42
CUSTOM COMBINE	PEANUT	1.50	cwt.	42
CUSTOM DISCING		8	acre	42
CUSTOM HARVEST	CORN	22.00	acre	42
CUSTOM HARVEST	GUAR	20.00	acre	42
CUSTOM HARVEST	OATS	12.00	acre	42
CUSTOM HARVEST	SORGHUM	.45	cwt.	42
CUSTOM HARVEST	SORGHUMD	15	acre	42
CUSTOM HARVEST	SORGHUMI	.45	cwt.	42
CUSTOM HARVEST	SOYBEAN	.75	bu.	42
CUSTOM HARVEST	SUNFLOW.	25	acre	42
CUSTOM HARVEST	WHEAT	17.50	acre	42
CUSTOM HAULING	CORN	.14	bu.	42
CUSTOM HAULING	COW-CALF	8.00	head	42
CUSTOM HAULING	GUAR	.25	cwt.	42
CUSTOM HAULING	HAY	.15	bale	42
CUSTOM HAULING	PEANUTS	8	ton	42
CUSTOM HAULING	SORGHUM	.25	cwt.	42
CUSTOM HAULING	SOYBEANS	.15	bu.	42
CUSTOM HAULING	SUNFLOW.	.20	cwt.	42
CUSTOM HAULING	WHEAT	.25	bu.	42
CUSTOM INSECT.	PEANUT	5	appl	42
CUSTOM PICKING	COTTON	.11	lb.	42
CUSTOM PICKING	PECANS	.28	lb.	42
CUSTOM ROOT PLOW		45	acre	42
CUSTOM STRIPPING	COTTON	1.75	cwt.	42
DEFOLIANT APPL.		3.00	acre	42
DRYING	CUSTOM	18.0	ton	42
FERTILIZER APPL.		1.50	acre	42
FUNGICIDE APPL.	AIR	2.9	acre	42
FUNGICIDE, PCNB	APPL	46	appl	42
GINNING	STRIPPED	1.75	cwt.	42
HARV.,PACK & MKT	CABBAGE	1.75	bag	42
HARV.,PACK & MKT	CANT.	4.00	crtn	42
HARV.,PACK & MKT	CARROTS	4.25	bag	42
HARV.,PACK & MKT	CUCUMBER	3.60	crtn	42
HARV.,PACK & MKT	LETTUCE	4.25	crtn	42
HARV.,PACK & MKT	ONIONS	3.90	bag	42
HARV.,PACK & MKT	PICKLES	6.5	cwt.	42
HARV.,PACK & MKT	SPINACH	4.25	bu.	42
HARV.,PACK & MKT	SPINPROC	7.50	ton	42
HARVEST & HAUL	BEETS	11	ton	42
HARVEST & HAUL	CARROTS	11	ton	42
HERBICIDE APPL.		3.00	acre	42
INSECTICIDE APPL		3.00	appl	42
INSECTICIDE APPL	AIR	3.50	acre	42
MOW, RAKE & BALE		.90	bale	42
PESTICIDE APPL.		3.5	acre	42
RETARDANT APPL.		3.50	appl	42
SOIL FUNGICIDE		3.5	acre	42
SPRIG &SPRIGGING		25	acre	42
STRIP & HAUL	COTTON	1.55	cwt.	42
TRANSPORTATION	COTTON	1.92	bale	42
VITAVAX APPL.		3.5	acre	42

LABOR RESOURCES
APRIL 20, 1990

DESCRIPTION		OTHER LABOR	OTHER LABOR	OTHER LABOR			
FIRST NAME		HIRED LABOR	LIVESTOCK LABOR	OPERATOR LABOR			
QUALIFYING NAME							
COST OR VALUE	($/HR)	3.85	3.85	3.85			
TOTAL WAGE BENEFITS	(%)	18.44	18.44	18.44			
LABOR TYPE	(A,B)	A	A	B			

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.

LIVESTOCK RESOURCES
APRIL 20, 1990

DESCRIPTION		LIVESTOCK	LIVESTOCK	LIVESTOCK	LIVESTOCK	LIVESTOCK	LIVESTOCK
FIRST NAME		BEEF BULL	BEEF COW	BEEF HEIFER	BUCK	DOE	DOE
QUALIFYING NAME			RAISED	RAISED	GOAT	GOAT	YEARLING
REMAINING LIFE	(YR)	6	8	8	4	5	6
CURRENT MARKET VALUE	($)	2500	750	675	300	60	60
SALVAGE VALUE	(%)	60	100	100	60	60	60
INSURANCE RATE	(%)	1.	1.	1	1	1	1
ANNUAL LEASE	($)						
CALC OPTIONS	(R,L,P)	P	R	R	P	R	R

DESCRIPTION		LIVESTOCK	LIVESTOCK	LIVESTOCK	LIVESTOCK		
FIRST NAME		EWE	EWE	HORSE	RAM		
QUALIFYING NAME			YEARLING				
REMAINING LIFE	(YR)	5	6	8	3		
CURRENT MARKET VALUE	($)	75.00	75.00	750	150.00		
SALVAGE VALUE	(%)	75	75	25	30		
INSURANCE RATE	(%)	1	1	1	1		
ANNUAL LEASE	($)						
CALC OPTIONS	(R,L,P)	R	R	P	P		