

**FRESH MARKET SPINACH, IRRIGATED**  
 Southwest Texas District-13 (Wintergarden Region)  
 1989 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
SPINACH FRESH	400.000	bu.	6.2500	2500.00	
<b>Total GROSS Income</b>				<b>2500.00</b>	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
<b>PREHARVEST</b>					
PHOSPHATE	120.000	lb.	.200	24.00	
NITROGEN (DRY)	30.000	lb.	.200	6.00	
HERBICIDE	1.000	acre	36.000	36.00	
SEED	8.000	lb.	4.500	36.00	
NITROGEN (DRY)	60.000	lb.	.200	12.00	
FUNGICIDE	1.000	appl	9.000	9.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	13.000	13.00	
FUNGICIDE	1.000	appl	9.000	9.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	13.000	13.00	
FUNGICIDE	1.000	appl	9.000	9.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	13.000	13.00	
FUNGICIDE	1.000	appl	9.000	9.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	13.000	13.00	
FUNGICIDE	1.000	appl	9.000	9.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	13.000	13.00	
FUNGICIDE	1.000	appl	9.000	9.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	13.000	13.00	
FUNGICIDE	1.000	appl	9.000	9.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	13.000	13.00	
FUNGICIDE	1.000	appl	9.000	9.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
Fuel & Lube - Machinery		Acre		18.36	
- Irrigation		Acre		34.96	
Repairs - Machinery		Acre		4.50	
- Irrigation		Acre		8.00	
Labor - Machinery	3.990	Hour	4.501	17.96	
- Other	7.000	Hour	3.987	27.91	
- Irrigation	1.600	Hour	3.799	6.08	
<b>Total PREHARVEST</b>				<b>397.26</b>	
<b>HARVEST</b>					
HARV., PACK & MKT	400.000	bu.	4.100	1640.00	
<b>Total HARVEST</b>				<b>1640.00</b>	
Interest - OC Borrowed	142.925	Dol.	0.110	15.72	
<b>Total VARIABLE COST</b>				<b>2052.98</b>	
<i>Break-Even Price, Total Variable Cost \$ 5.13 per bu. of SPINACH</i>					
<b>GROSS INCOME minus VARIABLE COST</b>				<b>447.02</b>	
FIXED COST Description		Unit		Total	Your Estimate
MISC ADMIN O/H		acre		8.00	
Machinery and Equipment		Acre		63.31	
Irrigation		Acre		28.00	
Land		Acre		50.00	
<b>Total FIXED Cost</b>				<b>149.31</b>	
<i>Break-Even Price, Total Cost \$ 5.50 per bu. of SPINACH</i>					
<b>Total of ALL Cost</b>				<b>2202.29</b>	
<b>NET PROJECTED RETURNS</b>				<b>297.71</b>	

Spinach is packed and marketed in 25 pound bushels.

Projections for Planning Purposes Only  
 Not to be Used without Updating after April 8, 1989.

B-1241(C13)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
01/25/89	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
03/15/88	PREHARVEST	O	IRRIGATION VEG	4.0000			.00
06/30/88		E	MISC ADMIN O/H	.5000		F	.00
08/01/88	PREHARVEST	M	SHREDDING	1.0000			.00
08/03/88	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
08/05/88	PREHARVEST	M	PLOWING MLDBOARD	1.0000			.00
08/07/88	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
08/09/88	PREHARVEST	M	PLANING LAND	.2000			.00
08/10/88	PREHARVEST	M	DISC OFFSET 12 FT	.2000			.00
08/15/88	PREHARVEST	M	BEDDING 6 ROW	1.0000			.00
08/20/88	PREHARVEST	E	PHOSPHATE	120.0000	C	V	.00
08/20/88	PREHARVEST	E	NITROGEN (DRY)	30.0000	C	V	.00
08/20/88	PREHARVEST	M	APPLY FERTILIZER	1.0000			.00
08/25/88	PREHARVEST	E	HERBICIDE SPINACH	1.0000	C	V	.00
08/25/88	PREHARVEST	M	SPRAYING 12 FT	1.0000			.00
09/01/88	PREHARVEST	H	HIRED LABOR	2.0000	C	V	.00
09/05/88	PREHARVEST	M	SHAPING	1.0000			.00
09/10/88	PREHARVEST	E	SEED SPINACH	8.0000	C	V	.00
09/10/88	PREHARVEST	M	PLANTING 4 ROW	1.0000			.00
09/15/88	PREHARVEST	O	IRRIGATION VEG	4.0000			.00
09/15/88	PREHARVEST	E	NITROGEN (DRY)	60.0000	C	V	.00
09/20/88	PREHARVEST	E	FUNGICIDE SPINACH	1.0000	C	V	.00
09/20/88	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
09/25/88	PREHARVEST	M	CULTIVATING 4 ROW	1.0000			.00
09/30/88	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
09/30/88	PREHARVEST	E	FUNGICIDE SPINACH	1.0000	C	V	.00
09/30/88	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
10/01/88	PREHARVEST	H	HIRED LABOR	2.0000	C	V	.00
10/10/88	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
10/10/88	PREHARVEST	E	FUNGICIDE SPINACH	1.0000	C	V	.00
10/10/88	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
10/20/88	PREHARVEST	M	CULTIVATING 4 ROW	1.0000			.00
10/25/88	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
10/25/88	PREHARVEST	E	FUNGICIDE SPINACH	1.0000	C	V	.00
10/25/88	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
11/01/88	PREHARVEST	H	HIRED LABOR	3.0000	C	V	.00
11/10/88	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
11/10/88	PREHARVEST	E	FUNGICIDE SPINACH	1.0000	C	V	.00
11/10/88	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
11/15/88	PREHARVEST	O	IRRIGATION VEG	4.0000			.00
11/20/88	PREHARVEST	M	CULTIVATING 4 ROW	1.0000			.00
11/25/88	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
11/25/88	PREHARVEST	E	FUNGICIDE SPINACH	1.0000	C	V	.00
11/25/88	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
11/30/88	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
12/15/88	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
12/15/88	PREHARVEST	E	FUNGICIDE SPINACH	1.0000	C	V	.00
12/15/88	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
01/10/89	PREHARVEST	O	IRRIGATION VEG	4.0000			.00
01/25/89	HARVEST	G	HARV., PACK & MKT SPINACH	400.0000	C	V	.00
01/31/89		K	LAND - CASH RENT VEG	1.0000		F	.00

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.

**PROCESSED SPINACH, IRRIGATED**  
 Southwest Texas District-13 (Wintergarden Region)  
 1989 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
SPINACH PROCESS.	9.000	ton	85.0000	765.00	_____
SPINACH SECONDS	0.800	ton	1.0000	0.80	_____
<b>Total GROSS Income</b>				<b>765.80</b>	_____
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
<b>PREHARVEST</b>					
PHOSPHATE	75.000	lb.	.200	15.00	_____
NITROGEN (DRY)	110.000	lb.	.200	22.00	_____
HERBICIDE	1.000	acre	27.000	27.00	_____
SEED	12.000	lb.	3.500	42.00	_____
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	9.000	9.00	_____
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.	.200	12.00	_____
INSECTICIDE	1.000	appl	13.000	13.00	_____
FUNGICIDE	1.000	appl	9.000	9.00	_____
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	_____
INSECTICIDE	1.000	appl	13.000	13.00	_____
FUNGICIDE	1.000	appl	9.000	9.00	_____
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	_____
INSECTICIDE	1.000	appl	13.000	13.00	_____
FUNGICIDE	1.000	appl	9.000	9.00	_____
Fuel & Lube - Machinery		Acre		18.36	_____
- Irrigation		Acre		34.96	_____
Repairs - Machinery		Acre		4.50	_____
- Irrigation		Acre		8.00	_____
Labor - Machinery	3.990	Hour	4.501	17.96	_____
- Other	6.000	Hour	3.987	23.92	_____
- Irrigation	1.600	Hour	3.799	6.08	_____
<b>Total PREHARVEST</b>				<b>399.77</b>	_____
<b>HARVEST</b>					
HARV., PACK & MKT	9.800	ton	7.500	73.50	_____
<b>Total HARVEST</b>				<b>73.50</b>	_____
Interest - OC Borrowed	162.757	Dol.	0.110	17.90	_____
<b>Total VARIABLE COST</b>				<b>491.18</b>	_____
<b>GROSS INCOME minus VARIABLE COST</b>				<b>274.62</b>	_____
FIXED COST Description		Unit		Total	Your Estimate
MISC ADMIN O/H		acre		8.00	_____
Machinery and Equipment		Acre		63.31	_____
Irrigation		Acre		28.00	_____
Land		Acre		50.00	_____
<b>Total FIXED Cost</b>				<b>149.31</b>	_____
<b>Total of ALL Cost</b>				<b>640.49</b>	_____
<b>NET PROJECTED RETURNS</b>				<b>125.31</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.

Projections for Planning Purposes Only  
 Not to be Used without Updating after April 8, 1989.

B-1241(C13)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	HEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
02/25/89	HARVEST	A	SPINACH PROCESS.	9.0000	.0000	C	.00	N
02/25/89	HARVEST	A	SPINACH SECONDS	.8000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
06/30/88		P	MISC ADMIN O/H	.5000		F	.00
08/01/88	PREHARVEST	M	SHREDDING	1.0000			.00
08/03/88	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
08/05/88	PREHARVEST	M	PLOWING MLDBOARD	1.0000			.00
08/07/88	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
08/09/88	PREHARVEST	M	PLANING LAND	.2000			.00
08/11/88	PREHARVEST	M	DISC OFFSET 12 FT	.2000			.00
08/15/88	PREHARVEST	M	BEDDING 6 ROW	1.0000			.00
08/20/88	PREHARVEST	E	PHOSPHATE	200.0000	C	V	.00
08/20/88	PREHARVEST	E	NITROGEN (DRY)	110.0000	C	V	.00
08/20/88	PREHARVEST	M	APPLY.FERTILIZER	1.0000			.00
08/25/88	PREHARVEST	E	HERBICIDE SP.B	1.0000	C	V	.00
08/25/88	PREHARVEST	M	SPRAYING 12 FT	1.0000			.00
09/05/88	PREHARVEST	M	SHAPING	1.0000			.00
09/10/88	PREHARVEST	E	SEED SPINPROC	12.0000	C	V	.00
09/10/88	PREHARVEST	M	PLANTING 4 ROW	1.0000			.00
09/10/88	PREHARVEST	E	FUNGICIDE REDOMIL	5.0000	C	V	.00
09/15/88	PREHARVEST	O	IRRIGATION VEG	3.0000			.00
09/20/88	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
09/20/88	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
09/25/88	PREHARVEST	M	CULTIVATING 4 ROW	1.0000			.00
09/30/88	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
09/30/88	PREHARVEST	E	FUNGICIDE SPINACH	1.0000	C	V	.00
09/30/88	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
10/01/88	PREHARVEST	H	HIRED LABOR	2.0000	C	V	.00
10/10/88	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
10/10/88	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
10/15/88	PREHARVEST	E	NITROGEN (LIQ)	60.0000	C	V	.00
10/15/88	PREHARVEST	O	IRRIGATION VEG	4.0000			.00
10/20/88	PREHARVEST	M	CULTIVATING 4 ROW	1.0000			.00
10/25/88	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
10/25/88	PREHARVEST	E	FUNGICIDE SPINACH	1.0000	C	V	.00
10/25/88	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
10/31/88	PREHARVEST	E	MISC ADMIN O/H	.5000	C	F	.00
11/01/88	PREHARVEST	H	HIRED LABOR	2.0000	C	V	.00
11/10/88	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
11/10/88	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
11/15/88	PREHARVEST	O	IRRIGATION VEG	3.0000			.00
11/20/88	PREHARVEST	M	CULTIVATING 4 ROW	1.0000			.00
11/25/88	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
11/25/88	PREHARVEST	E	FUNGICIDE SPINACH	1.0000	C	V	.00
11/25/88	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
11/30/88	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
12/01/88	PREHARVEST	H	HIRED LABOR	2.0000	C	V	.00
12/10/88	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
12/10/88	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
12/15/88	PREHARVEST	O	IRRIGATION VEG	3.0000			.00
12/25/88	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
12/25/88	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
01/10/89	PREHARVEST	O	IRRIGATION VEG	3.0000			.00
02/25/89	HARVEST	G	HARV.,PACK & MKT SPINPROC	9.8000	C	V	.00
02/28/89		K	LAND - CASH RENT VEG	1.0000		F	.00

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.

**PECAN ORCHARD, ESTABLISHMENT PHASE**  
 Southwest Texas District-13 (Wintergarden Region)  
 1989 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 =====	
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		0.85	_____
Labor - Machinery	3.069	Hour	4.500	13.81	_____
- Other	8.000	Hour	3.987	31.89	_____
Interest - OC Borrowed	276.602	Dol.	0.110	30.43	_____
				=====	
Total VARIABLE COST				368.70	_____
GROSS INCOME minus VARIABLE COST				-368.70	_____
FIXED COST Description =====		Unit =====		Total =====	
Machinery and Equipment		Acre		18.04	_____
Total FIXED Cost				18.04	_____
Total of ALL Cost				386.73	_____
NET PROJECTED RETURNS				-386.73	_____

Information presented is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm or ranch operation. These projections were collected and developed by staff members of the Texas Agricultural Extension Service and approved for publication.

Projections for Planning Purposes Only  
 Not to be Used without Updating after April 8, 1989.

B-1241(C13)

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
12/06/88		M	SHREDDING	1.0000			.00
12/11/88		G	CUSTOM CHISEL	1.0000	C	V	.00
12/16/88		G	CUSTOM DISCING	1.0000	C	V	.00
12/16/88		H	HIRED LABOR	2.0000	C	V	.00
12/21/88		G	CUST. LAND PLANE	1.0000	C	V	.00
12/31/88		G	CUSTOM DISCING	1.0000	C	V	.00
01/16/89		H	HIRED LABOR	2.0000	C	V	.00
01/26/89		M	PLANTING	.5000	C	V	.00
01/31/89		E	TREES (5-6 FT) PECANS	35.0000	C	V	.00
02/01/89		M	PICKUP TRUCK 3/4 TON	5.0000			.00
02/01/89		E	MISCELLANEOUS PECAN	.5000	C	V	.00
02/06/89		M	PLANTING PECANS	.5000	C	V	.00
02/16/89		H	HIRED LABOR	2.0000	C	V	.00
11/16/89		H	HIRED LABOR	2.0000	C	V	.00

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.

**PECAN ORCHARD, PRE-PRODUCTION PHASE (YEARS 1-4)**  
 Southwest Texas District-13 (Wintergarden Region)  
 1989 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 =====	
NITROGEN (DRY)	9.000	lb.	.200	1.80	_____
ZINC SULPHATE	0.625	lb.	.300	0.18	_____
INSECTICIDE	0.500	appl	3.000	1.50	_____
FUNGICIDE	0.130	appl	12.000	1.56	_____
ZINC SULPHATE	1.000	lb.	.300	0.30	_____
HERBICIDE	0.500	acre	24.500	12.25	_____
ZINC SULPHATE	0.250	lb.	.300	0.07	_____
INSECTICIDE	0.500	appl	3.000	1.50	_____
ZINC SULPHATE	0.625	lb.	.300	0.18	_____
INSECTICIDE	0.500	appl	3.000	1.50	_____
FUNGICIDE	0.130	appl	12.000	1.56	_____
ZINC SULPHATE	0.625	lb.	.300	0.18	_____
INSECTICIDE	0.500	appl	3.000	1.50	_____
HERBICIDE	0.500	acre	24.500	12.25	_____
ZINC SULPHATE	0.625	lb.	.300	0.18	_____
INSECTICIDE	0.500	appl	3.000	1.50	_____
Fuel & Lube - Machinery		Acre		11.01	_____
- Irrigation		Acre		6.74	_____
Repairs - Machinery		Acre		3.60	_____
- Irrigation		Acre		10.29	_____
Labor - Machinery	4.953	Hour	4.500	22.29	_____
- Other	12.000	Hour	3.987	47.84	_____
- Irrigation	3.579	Hour	3.800	13.60	_____
Interest - OC Borrowed	112.349	Dol.	0.110	12.36	_____
				=====	
Total VARIABLE COST				165.76	_____
GROSS INCOME minus VARIABLE COST				-165.76	_____
FIXED COST Description =====		Unit =====		Total =====	
MISC ADMIN O/H		acre		8.00	_____
Machinery and Equipment		Acre		54.73	_____
Irrigation		Acre		101.69	_____
Land		Acre		50.00	_____
Perennial Crop		Acre		11.60	_____
				=====	
Total FIXED Cost				226.02	_____
Total of ALL Cost				391.79	_____
NET PROJECTED RETURNS				-391.79	_____

Information presented is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm or ranch operation. These projections were collected and developed by staff members of the Texas Agricultural Extension Service and approved for publication.

Projections for Planning Purposes Only  
 Not to be Used without Updating after April 8, 1989.

B-1241(C13)

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
12/16/87		H	HIRED LABOR	1.0000	C	V	.00
01/16/88		H	HIRED LABOR	1.0000	C	V	.00
02/16/88		H	HIRED LABOR	1.0000	C	V	.00
03/10/88		M	DISC OFFSET 8 FT	1.0000			.00
03/10/88		M	APPLY FERTILIZER	1.0000			.00
03/15/88		E	NITROGEN (DRY)	9.0000	C	V	.00
03/15/88		H	HIRED LABOR	1.0000	C	V	.00
03/20/88		O	TRICKLE SYSTEM	.5000			.00
04/15/88		H	HIRED LABOR	1.0000	C	V	.00
04/15/88		M	SPRAYING HYDRAUL.	1.0000			.00
04/15/88		E	ZINC SULPHATE	.6250	C	V	.00
04/15/88		E	INSECTICIDE PECAN	.5000	C	V	.00
04/15/88		E	FUNGICIDE PECAN	.1300	C	V	.00
04/20/88		O	TRICKLE SYSTEM	.8000			.00
04/25/88		M	SHREDDING	1.0000			.00
05/10/88		M	SPRAYING HYDRAUL.	1.0000			.00
05/10/88		E	ZINC SULPHATE	1.0000	C	V	.00
05/15/88		H	HIRED LABOR	1.0000	C	V	.00
05/15/88		M	SPRAYING 6 FT	1.0000			.00
05/15/88		E	HERBICIDE PECAN	.5000	C	V	.00
05/20/88		O	TRICKLE SYSTEM	.8000			.00
05/20/88		M	SPRAYING HYDRAUL.	1.0000			.00
05/20/88		E	ZINC SULPHATE	.2500	C	V	.00
05/20/88		E	INSECTICIDE PECAN	.5000	C	V	.00
05/31/88		M	PICKUP TRUCK 3/4 TON	20.0000			.00
06/15/88		H	HIRED LABOR	1.0000	C	V	.00
06/15/88		M	SPRAYING HYDRAUL.	1.0000			.00
06/15/88		E	ZINC SULPHATE	.6250	C	V	.00
06/15/88		E	INSECTICIDE PECAN	.5000	C	V	.00
06/15/88		E	FUNGICIDE PECAN	.1300	C	V	.00
06/20/88		O	TRICKLE SYSTEM	.8000			.00
06/30/88		E	MISC ADMIN O/H	.5000		F	.00
07/15/88		H	HIRED LABOR	1.0000	C	V	.00
07/15/88		M	SPRAYING HYDRAUL.	1.0000			.00
07/15/88		E	ZINC SULPHATE	.6250	C	V	.00
07/15/88		E	INSECTICIDE PECAN	.5000	C	V	.00
07/20/88		O	TRICKLE SYSTEM	.8000			.00
08/10/88		M	SPRAYING 6 FT	1.0000			.00
08/10/88		E	HERBICIDE PECAN	.5000	C	V	.00
08/15/88		H	HIRED LABOR	1.0000	C	V	.00
08/15/88		M	SPRAYING HYDRAUL.	1.0000			.00
08/15/88		E	ZINC SULPHATE	.6250	C	V	.00
08/15/88		E	INSECTICIDE PECAN	.5000	C	V	.00
08/20/88		O	TRICKLE SYSTEM	.8000			.00
09/15/88		H	HIRED LABOR	1.0000	C	V	.00
10/15/88		H	HIRED LABOR	1.0000	C	V	.00
11/15/88		H	HIRED LABOR	1.0000	C	V	.00
11/30/88		K	LAND - CASH RENT PECANS	1.0000		F	.00
11/30/88		L	PECAN ESTABL.I	1.0000		F	.00

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.



**PECAN ORCHARD, EARLY PRODUCTION PHASE (YEARS 5-9)**  
 Southwest Texas District-13 (Wintergarden Region)  
 1989 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
PECANS	600.000	lb.	0.8000	480.00	
<b>Total GROSS Income</b>				<b>480.00</b>	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
<b>PREHARVEST</b>					
NITROGEN (DRY)	37.500	lb.	.200	7.50	
ZINC SULPHATE	2.500	lb.	.300	0.75	
INSECTICIDE	1.000	appl	3.000	3.00	
FUNGICIDE	0.500	appl	12.000	6.00	
ZINC SULPHATE	2.500	lb.	.300	0.75	
HERBICIDE	0.500	acre	24.500	12.25	
ZINC SULPHATE	2.500	lb.	.300	0.75	
INSECTICIDE	1.000	appl	3.000	3.00	
ZINC SULPHATE	2.500	lb.	.300	0.75	
INSECTICIDE	1.000	appl	3.000	3.00	
FUNGICIDE	0.500	appl	12.000	6.00	
ZINC SULPHATE	2.500	lb.	.300	0.75	
INSECTICIDE	1.000	appl	3.000	3.00	
HERBICIDE	0.500	acre	24.500	12.25	
ZINC SULPHATE	2.500	lb.	.300	0.75	
INSECTICIDE	1.000	appl	3.000	3.00	
FUNGICIDE	0.500	appl	12.000	6.00	
Fuel & Lube - Machinery		Acre		12.14	
- Irrigation		Acre		14.98	
Repairs - Machinery		Acre		6.40	
- Irrigation		Acre		9.60	
Labor - Machinery	5.078	Hour	4.500	22.85	
- Other	10.000	Hour	3.987	39.87	
- Irrigation	3.340	Hour	3.800	12.69	
<b>Total PREHARVEST</b>				<b>188.04</b>	
<b>HARVEST</b>					
CUSTOM PICKING	300.000	lb.	.280	84.00	
CUSTOM PICKING	300.000	lb.	.280	84.00	
Fuel & Lube - Machinery		Acre		0.72	
Repairs - Machinery		Acre		0.19	
Labor - Machinery	0.340	Hour	4.500	1.53	
- Other	4.000	Hour	3.987	15.95	
<b>Total HARVEST</b>				<b>186.40</b>	
Interest - OC Borrowed	107.818	Dol.	0.110	11.86	
<b>Total VARIABLE COST</b>				<b>386.29</b>	
<i>Break-Even Price, Total Variable Cost \$ 0.64 per lb. of PECANS</i>					
<b>GROSS INCOME minus VARIABLE COST</b>				<b>93.71</b>	
FIXED COST Description		Unit		Total	Your Estimate
MISC ADMIN O/H		acre		12.00	
Machinery and Equipment		Acre		67.44	
Irrigation		Acre		96.47	
Land		Acre		50.00	
Perennial Crop		Acre		58.62	
<b>Total FIXED Cost</b>				<b>284.52</b>	
<i>Break-Even Price, Total Cost \$ 1.11 per lb. of PECANS</i>					
<b>Total of ALL Cost</b>				<b>670.82</b>	
<b>NET PROJECTED RETURNS</b>				<b>-190.82</b>	
Custom Harvested.					

Information presented is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm or ranch operation. These projections were collected and developed by staff members of the Texas Agricultural Extension Service and approved for publication.

Projections for Planning Purposes Only  
 Not to be Used without Updating after April 8, 1989.

B-1241(C13)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	HEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
10/31/89	HARVEST	A	PECANS	300.0000	.0000	C	.00	Y
11/21/89	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
12/16/88	PREHARVEST	H	HIRE LABOR	1.0000	C	V	.00
01/16/89	PREHARVEST	H	HIRE LABOR	1.0000	C	V	.00
02/16/89	PREHARVEST	H	HIRE LABOR	1.0000	C	V	.00
03/11/89	PREHARVEST	M	SHREDDING	1.0000			.00
03/16/89	PREHARVEST	H	HIRE LABOR	1.0000	C	V	.00
03/16/89	PREHARVEST	M	APPLY FERTILIZER	1.0000			.00
03/16/89	PREHARVEST	E	NITROGEN (DRY)	37.5000	C	V	.00
04/16/89	PREHARVEST	H	HIRE LABOR	1.0000	C	V	.00
04/16/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
04/16/89	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
04/16/89	PREHARVEST	E	INSECTICIDE PECAN	1.0000	C	V	.00
04/16/89	PREHARVEST	E	FUNGICIDE PECAN	.5000	C	V	.00
04/21/89	PREHARVEST	O	TRICKLE SYSTEM 1	1.0000			.00
05/11/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
05/11/89	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
05/16/89	PREHARVEST	H	HIRE LABOR	1.0000	C	V	.00
05/16/89	PREHARVEST	M	SPRAYING 6 FT	1.0000			.00
05/16/89	PREHARVEST	E	HERBICIDE PECAN	.5000	C	V	.00
05/21/89	PREHARVEST	O	TRICKLE SYSTEM 1	1.8000			.00
05/21/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
05/21/89	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
05/21/89	PREHARVEST	E	INSECTICIDE PECAN	1.0000	C	V	.00
05/26/89	PREHARVEST	M	APPLY FERTILIZER	1.0000			.00
06/01/89	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
06/16/89	PREHARVEST	H	HIRE LABOR	1.0000	C	V	.00
06/16/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
06/16/89	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
06/16/89	PREHARVEST	E	INSECTICIDE PECAN	1.0000	C	V	.00
06/16/89	PREHARVEST	E	FUNGICIDE PECAN	.5000	C	V	.00
06/21/89	PREHARVEST	O	TRICKLE SYSTEM 1	1.8000			.00
07/01/89	PREHARVEST	E	MISC ADMIN O/H	.7500		F	.00
07/16/89	PREHARVEST	H	HIRE LABOR	1.0000	C	V	.00
07/16/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
07/16/89	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
07/16/89	PREHARVEST	E	INSECTICIDE PECAN	1.0000	C	V	.00
07/21/89	PREHARVEST	O	TRICKLE SYSTEM 1	1.8000			.00
08/11/89	PREHARVEST	M	SPRAYING 6 FT	1.0000			.00
08/11/89	PREHARVEST	E	HERBICIDE PECAN	.5000	C	V	.00
08/16/89	PREHARVEST	H	HIRE LABOR	1.0000	C	V	.00
08/16/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
08/16/89	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
08/16/89	PREHARVEST	E	INSECTICIDE PECAN	1.0000	C	V	.00
08/16/89	PREHARVEST	E	FUNGICIDE PECAN	.5000	C	V	.00
08/21/89	PREHARVEST	O	TRICKLE SYSTEM 1	1.8000			.00
09/16/89	PREHARVEST	H	HIRE LABOR	1.0000	C	V	.00
09/21/89	PREHARVEST	O	TRICKLE SYSTEM 1	1.8000			.00
10/21/89	PREHARVEST	M	SHREDDING	1.0000			.00
10/31/89	HARVEST	H	HIRE LABOR	2.0000	C	V	.00
10/31/89	HARVEST	G	CUSTOM PICKING PECANS	300.0000	C	V	.00
11/16/89	HARVEST	M	DISC OFFSET 8 FT	1.0000			.00
11/21/89	HARVEST	H	HIRE LABOR	2.0000	C	V	.00
11/21/89	HARVEST	G	CUSTOM PICKING PECANS	300.0000	C	V	.00
12/01/89		K	LAND - CASH RENT PECANS	1.0000		F	.00
12/01/89		L	PECAN ESTABL.	1.0000		F	.00
12/01/89		L	PECAN PREHARV.	1.0000		F	.00

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.

**PECAN ORCHARD, OPERATIONAL PHASE (YEARS 10-20)**  
 Southwest Texas District-13 (Wintergarden Region)  
 1989 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
PECANS	1200.000	lb.	0.8000	960.00	
<b>Total GROSS Income</b>				<b>960.00</b>	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
<b>PREHARVEST</b>					
NITROGEN (DRY)	70.000	lb.	.200	14.00	
INSECTICIDE	3.900	appl	3.000	11.70	
FUNGICIDE	1.500	appl	12.000	18.00	
ZINC SULPHATE	7.500	lb.	.300	2.25	
HERBICIDE	0.500	acre	24.500	12.25	
ZINC SULPHATE	7.500	lb.	.300	2.25	
INSECTICIDE	3.900	appl	3.000	11.70	
NITROGEN (DRY)	70.000	lb.	.200	14.00	
INSECTICIDE	3.900	appl	3.000	11.70	
FUNGICIDE	1.500	appl	12.000	18.00	
ZINC SULPHATE	7.500	lb.	.300	2.25	
INSECTICIDE	3.900	appl	3.000	11.70	
ZINC SULPHATE	7.500	lb.	.300	2.25	
HERBICIDE	0.500	acre	24.500	12.25	
INSECTICIDE	3.900	appl	3.000	11.70	
FUNGICIDE	1.500	appl	12.000	18.00	
ZINC SULPHATE	7.500	lb.	.300	2.25	
Fuel & Lube - Machinery		Acre		12.14	
- Irrigation		Acre		23.96	
Repairs - Machinery		Acre		6.40	
- Irrigation		Acre		9.60	
Labor - Machinery	5.078	Hour	4.500	22.85	
- Other	16.500	Hour	3.987	65.78	
- Irrigation	3.340	Hour	3.800	12.69	
<b>Total PREHARVEST</b>				<b>329.69</b>	
<b>HARVEST</b>					
CUSTOM PICKING	600.000	lb.	.280	168.00	
CUSTOM PICKING	600.000	lb.	.280	168.00	
Labor - Other	1.500	Hour	3.987	5.98	
<b>Total HARVEST</b>				<b>341.98</b>	
Interest - OC Borrowed	166.052	Dol.	0.110	18.27	
<b>Total VARIABLE COST</b>				<b>689.93</b>	
<i>Break-Even Price, Total Variable Cost \$ 0.57 per lb. of PECANS</i>					
<b>GROSS INCOME minus VARIABLE COST</b>				<b>270.07</b>	
FIXED COST Description		Unit		Total	Your Estimate
MISC ADMIN O/H		acre		16.00	
Machinery and Equipment		Acre		63.03	
Irrigation		Acre		98.08	
Land		Acre		50.00	
Perennial Crop		Acre		400.93	
<b>Total FIXED Cost</b>				<b>628.05</b>	
<i>Break-Even Price, Total Cost \$ 1.09 per lb. of PECANS</i>					
<b>Total of ALL Cost</b>				<b>1317.98</b>	
<b>NET PROJECTED RETURNS</b>				<b>-357.98</b>	

Custom Harvested.

Projections for Planning Purposes Only  
 Not to be Used without Updating after April 8, 1989.

B-1241(C13)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
10/31/89	HARVEST	A	PECANS	600.0000	.0000	C	.00	Y
11/21/89	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
12/16/88	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
01/16/89	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
02/16/89	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
03/11/89	PREHARVEST	M	SHREDDING	1.0000			.00
03/16/89	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
03/16/89	PREHARVEST	M	APPLY FERTILIZER	1.0000			.00
03/16/89	PREHARVEST	E	NITROGEN (DRY)	70.0000	C	V	.00
03/21/89	PREHARVEST	O	TRICKLE SYSTEM 2	1.0000			.00
04/16/89	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
04/16/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
04/16/89	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
04/16/89	PREHARVEST	E	FUNGICIDE PECAN	1.5000	C	V	.00
04/21/89	PREHARVEST	O	TRICKLE SYSTEM 2	2.0000			.00
05/11/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
05/11/89	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
05/16/89	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
05/16/89	PREHARVEST	M	SPRAYING 6 FT	1.0000			.00
05/16/89	PREHARVEST	E	HERBICIDE PECAN	.5000	C	V	.00
05/21/89	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
05/21/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
05/21/89	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
05/21/89	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
05/26/89	PREHARVEST	M	APPLY FERTILIZER	1.0000			.00
05/26/89	PREHARVEST	E	NITROGEN (DRY)	70.0000	C	V	.00
06/01/89	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
06/16/89	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
06/16/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
06/16/89	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
06/16/89	PREHARVEST	E	FUNGICIDE PECAN	1.5000	C	V	.00
06/21/89	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
06/21/89	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
07/01/89	PREHARVEST	E	MISC ADMIN O/H	1.0000		F	.00
07/16/89	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
07/16/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
07/16/89	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
07/21/89	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
07/21/89	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
08/11/89	PREHARVEST	M	SPRAYING 6 FT	1.0000			.00
08/11/89	PREHARVEST	E	HERBICIDE PECAN	.5000	C	V	.00
08/16/89	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
08/16/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
08/16/89	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
08/16/89	PREHARVEST	E	FUNGICIDE PECAN	1.5000	C	V	.00
08/21/89	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
08/21/89	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
09/16/89	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
09/21/89	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
10/16/89	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
10/26/89	PREHARVEST	M	SHREDDING	1.0000			.00
10/31/89	HARVEST	G	CUSTOM PICKING PECANS	600.0000	C	V	.00
11/16/89	HARVEST	H	HIRED LABOR	1.5000	C	V	.00
11/21/89	HARVEST	G	CUSTOM PICKING PECANS	600.0000	C	V	.00
12/01/89		K	LAND - CASH RENT PECANS	1.0000		F	.00
12/01/89		L	PECAN ESTABL.	1.0000		F	.00
12/01/89		L	PECAN PREHARV.	1.0000		F	.00
12/01/89		L	PECAN EARLY	1.0000		F	.00

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.

**PECAN ORCHARD, EARLY PRODUCTION PHASE (YEARS 5-9)**  
 Southwest Texas District-13 (Wintergarden Region)  
 1989 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
PECANS	600.000	lb.	0.8000	480.00	
<b>Total GROSS Income</b>				<b>480.00</b>	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
<b>PREHARVEST</b>					
NITROGEN (DRY)	37.500	lb.	.200	7.50	
ZINC SULPHATE	2.500	lb.	.300	0.75	
INSECTICIDE	1.000	appl	3.000	3.00	
FUNGICIDE	0.500	appl	12.000	6.00	
ZINC SULPHATE	2.500	lb.	.300	0.75	
HERBICIDE	0.500	acre	24.500	12.25	
ZINC SULPHATE	2.500	lb.	.300	0.75	
INSECTICIDE	1.000	appl	3.000	3.00	
ZINC SULPHATE	2.500	lb.	.300	0.75	
INSECTICIDE	1.000	appl	3.000	3.00	
FUNGICIDE	0.500	appl	12.000	6.00	
ZINC SULPHATE	2.500	lb.	.300	0.75	
INSECTICIDE	1.000	appl	3.000	3.00	
HERBICIDE	0.500	acre	24.500	12.25	
ZINC SULPHATE	2.500	lb.	.300	0.75	
INSECTICIDE	1.000	appl	3.000	3.00	
FUNGICIDE	0.500	appl	12.000	6.00	
Fuel & Lube - Machinery		Acre		12.14	
- Irrigation		Acre		14.98	
Repairs - Machinery		Acre		6.40	
- Irrigation		Acre		9.60	
Labor - Machinery	5.078	Hour	4.500	22.85	
- Other	10.000	Hour	3.987	39.87	
- Irrigation	3.340	Hour	3.800	12.69	
<b>Total PREHARVEST</b>				<b>188.04</b>	
<b>HARVEST</b>					
Fuel & Lube - Machinery		Acre		9.21	
Repairs - Machinery		Acre		5.86	
Labor - Machinery	2.975	Hour	4.500	13.39	
- Other	11.000	Hour	3.987	43.85	
<b>Total HARVEST</b>				<b>72.32</b>	
Interest - OC Borrowed	104.701	Dol.	0.110	11.52	
<b>Total VARIABLE COST</b>				<b>271.87</b>	
<i>Break-Even Price, Total Variable Cost \$ 0.45 per lb. of PECANS</i>					
<b>GROSS INCOME minus VARIABLE COST</b>				<b>208.13</b>	
FIXED COST Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
MISC ADMIN O/H		acre		12.00	
Machinery and Equipment		acre		137.39	
Irrigation		acre		96.47	
Land		acre		50.00	
Perennial Crop		acre		58.62	
<b>Total FIXED Cost</b>				<b>354.48</b>	
<i>Break-Even Price, Total Cost \$ 1.04 per lb. of PECANS</i>					
<b>Total of ALL Cost</b>				<b>626.35</b>	
<b>NET PROJECTED RETURNS</b>				<b>-146.35</b>	

Harvested with owned equipment.

Projections for Planning Purposes Only  
 Not to be Used without Updating after April 8, 1989.

B-1241(C13)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
10/31/89	HARVEST	A	PECANS	300.0000	.0000	C	.00	Y
11/21/89	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
12/16/88	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
01/16/89	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
02/16/89	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
03/11/89	PREHARVEST	M	SHREDDING	1.0000			.00
03/16/89	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
03/16/89	PREHARVEST	M	APPLY FERTILIZER	1.0000			.00
03/16/89	PREHARVEST	E	NITROGEN (DRY)	37.5000	C	V	.00
04/16/89	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
04/16/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
04/16/89	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
04/16/89	PREHARVEST	E	INSECTICIDE PECAN	1.0000	C	V	.00
04/16/89	PREHARVEST	E	FUNGICIDE PECAN	.5000	C	V	.00
04/21/89	PREHARVEST	O	TRICKLE SYSTEM 1	1.0000			.00
05/11/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
05/11/89	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
05/16/89	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
05/16/89	PREHARVEST	M	SPRAYING 6 FT	1.0000			.00
05/16/89	PREHARVEST	E	HERBICIDE PECAN	.5000	C	V	.00
05/21/89	PREHARVEST	O	TRICKLE SYSTEM 1	1.8000			.00
05/21/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
05/21/89	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
05/21/89	PREHARVEST	E	INSECTICIDE PECAN	1.0000	C	V	.00
05/26/89	PREHARVEST	M	APPLY FERTILIZER	1.0000			.00
06/01/89	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
06/16/89	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
06/16/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
06/16/89	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
06/16/89	PREHARVEST	E	INSECTICIDE PECAN	1.0000	C	V	.00
06/16/89	PREHARVEST	E	FUNGICIDE PECAN	.5000	C	V	.00
06/21/89	PREHARVEST	O	TRICKLE SYSTEM 1	1.8000			.00
07/01/89	PREHARVEST	E	MISC ADMIN O/H	.7500		F	.00
07/16/89	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
07/16/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
07/16/89	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
07/16/89	PREHARVEST	E	INSECTICIDE PECAN	1.0000	C	V	.00
07/21/89	PREHARVEST	O	TRICKLE SYSTEM 1	1.8000			.00
08/11/89	PREHARVEST	M	SPRAYING 6 FT	1.0000			.00
08/11/89	PREHARVEST	E	HERBICIDE PECAN	.5000	C	V	.00
08/16/89	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
08/16/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
08/16/89	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
08/16/89	PREHARVEST	E	INSECTICIDE PECAN	1.0000	C	V	.00
08/16/89	PREHARVEST	E	FUNGICIDE PECAN	.5000	C	V	.00
08/21/89	PREHARVEST	O	TRICKLE SYSTEM 1	1.8000			.00
09/16/89	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
09/21/89	PREHARVEST	O	TRICKLE SYSTEM 1	1.8000			.00
10/21/89	PREHARVEST	M	SHREDDING	1.0000			.00
10/31/89	HARVEST	M	SHAKING PECANS	3.0000			.00
10/31/89	HARVEST	M	PICKING PECANS	3.0000			.00
10/31/89	HARVEST	D	PECAN CLEANER	.5000			.00
10/31/89	HARVEST	H	HIRED LABOR	5.0000			.00
11/16/89	HARVEST	M	DISC OFFSET 8 FT	1.0000			.00
11/21/89	HARVEST	M	SHAKING PECANS	3.0000			.00
11/21/89	HARVEST	M	PICKING PECANS	3.0000			.00
11/21/89	HARVEST	D	PECAN CLEANER	1.5000			.00
11/21/89	HARVEST	H	HIRED LABOR	15.0000			.00
12/01/89		K	LAND - CASH RENT PECANS	1.0000		F	.00
12/01/89		L	PECAN ESTABL.	1.0000		F	.00
12/01/89		L	PECAN PREHARV.	1.0000		F	.00

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.

**PECAN ORCHARD, OPERATIONAL PHASE (YEARS 10-20)**  
 Southwest Texas District-13 (Wintergarden Region)  
 1989 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
PECANS	1200.000	lb.	0.8000	960.00	
<b>Total GROSS Income</b>				<b>960.00</b>	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
<b>PREHARVEST</b>					
NITROGEN (DRY)	70.000	lb.	.200	14.00	
INSECTICIDE	3.900	appl	3.000	11.70	
FUNGICIDE	1.500	appl	12.000	18.00	
ZINC SULPHATE	7.500	lb.	.300	2.25	
HERBICIDE	0.500	acre	24.500	12.25	
ZINC SULPHATE	7.500	lb.	.300	2.25	
INSECTICIDE	3.900	appl	3.000	11.70	
NITROGEN (DRY)	70.000	lb.	.200	14.00	
INSECTICIDE	3.900	appl	3.000	11.70	
FUNGICIDE	1.500	appl	12.000	18.00	
ZINC SULPHATE	7.500	lb.	.300	2.25	
INSECTICIDE	3.900	appl	3.000	11.70	
ZINC SULPHATE	7.500	lb.	.300	2.25	
HERBICIDE	0.500	acre	24.500	12.25	
INSECTICIDE	3.900	appl	3.000	11.70	
FUNGICIDE	1.500	appl	12.000	18.00	
ZINC SULPHATE	7.500	lb.	.300	2.25	
Fuel & Lube - Machinery		Acre		12.14	
- Irrigation		Acre		23.96	
Repairs - Machinery		Acre		6.40	
- Irrigation		Acre		9.60	
Labor - Machinery	5.078	Hour	4.500	22.85	
- Other	16.500	Hour	3.987	65.78	
- Irrigation	3.340	Hour	3.800	12.69	
<b>Total PREHARVEST</b>				<b>329.69</b>	
<b>HARVEST</b>					
Fuel & Lube - Machinery		Acre		11.98	
Repairs - Machinery		Acre		7.54	
Labor - Machinery	5.020	Hour	4.500	22.59	
- Other	22.000	Hour	3.987	87.71	
<b>Total HARVEST</b>				<b>129.82</b>	
Interest - DC Borrowed	160.197	Dol.	0.110	17.62	
<b>Total VARIABLE COST</b>				<b>477.12</b>	
<i>Break-Even Price, Total Variable Cost \$ 0.39 per lb. of PECANS</i>					
<b>GROSS INCOME minus VARIABLE COST</b>				<b>482.88</b>	
FIXED COST Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
MISC ADMIN O/H		acre		16.00	
Machinery and Equipment		Acre		163.98	
Irrigation		Acre		98.08	
Land		Acre		50.00	
Perennial Crop		Acre		345.14	
<b>Total FIXED Cost</b>				<b>673.21</b>	
<i>Break-Even Price, Total Cost \$ 0.95 per lb. of PECANS</i>					
<b>Total of ALL Cost</b>				<b>1150.33</b>	
<b>NET PROJECTED RETURNS</b>				<b>-190.33</b>	

Harvested with owned equipment.

Projections for Planning Purposes Only  
 Not to be Used without Updating after April 8, 1989.

B-1241(C13)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	HEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
10/31/89	HARVEST	A	PECANS	600.0000	.0000	C	.00	Y
11/21/89	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
12/16/88	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
01/16/89	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
02/16/89	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
03/11/89	PREHARVEST	M	SHREDDING	1.0000			.00
03/16/89	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
03/16/89	PREHARVEST	M	APPLY FERTILIZER	1.0000			.00
03/16/89	PREHARVEST	E	NITROGEN (DRY)	70.0000	C	V	.00
03/21/89	PREHARVEST	O	TRICKLE SYSTEM 2	1.0000			.00
04/16/89	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
04/16/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
04/16/89	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
04/16/89	PREHARVEST	E	FUNGICIDE PECAN	1.5000	C	V	.00
04/21/89	PREHARVEST	O	TRICKLE SYSTEM 2	2.0000			.00
05/11/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
05/11/89	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
05/16/89	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
05/16/89	PREHARVEST	M	SPRAYING 6 FT	1.0000			.00
05/16/89	PREHARVEST	E	HERBICIDE PECAN	.5000	C	V	.00
05/21/89	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
05/21/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
05/21/89	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
05/21/89	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
05/26/89	PREHARVEST	M	APPLY FERTILIZER	1.0000			.00
05/26/89	PREHARVEST	E	NITROGEN (DRY)	70.0000	C	V	.00
06/01/89	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
06/16/89	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
06/16/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
06/16/89	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
06/16/89	PREHARVEST	E	FUNGICIDE PECAN	1.5000	C	V	.00
06/21/89	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
06/21/89	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
07/01/89	PREHARVEST	E	MISC ADMIN O/H	1.0000		F	.00
07/16/89	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
07/16/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
07/16/89	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
07/21/89	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
07/21/89	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
08/11/89	PREHARVEST	M	SPRAYING 6 FT	1.0000			.00
08/11/89	PREHARVEST	E	HERBICIDE PECAN	.5000	C	V	.00
08/16/89	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
08/16/89	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
08/16/89	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
08/16/89	PREHARVEST	E	FUNGICIDE PECAN	1.5000	C	V	.00
08/21/89	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
08/21/89	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
09/16/89	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
09/21/89	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
10/16/89	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
10/26/89	PREHARVEST	M	SHREDDING	1.0000			.00
10/31/89	HARVEST	M	SHAKING PECANS	6.0000			.00
10/31/89	HARVEST	M	PICKING PECANS	6.0000			.00
10/31/89	HARVEST	H	HIRED LABOR	10.0000	C	V	.00
10/31/89	HARVEST	D	PECAN CLEANER	.5000			.00
11/21/89	HARVEST	M	SHAKING PECANS	6.0000			.00
11/21/89	HARVEST	M	PICKING PECANS	6.0000			.00
11/21/89	HARVEST	H	HIRED LABOR	25.0000	C	V	.00
11/21/89	HARVEST	D	PECAN CLEANER	1.5000			.00
12/01/89		K	LAND - CASH RENT PECANS	1.0000		F	.00
12/01/89		L	PECAN ESTABL.	1.0000		F	.00
12/01/89		L	PECAN PREHARV.	1.0000		F	.00
12/01/89		L	PECAN EARLYHAR	1.0000		F	.00

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.



**CROP PRODUCTS REPORT**  
 April 8, 1989

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	70.0000	ton	2000.0000	21
BEETS #3	10.0000	ton	2000.0000	21
CABBAGE	3.5000	bag	1.0000	20
CANTALOUPE	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	2.6900	bu.	56.0000	20
CORN FOOD	3.5000	bu.	56.0000	20
CORN SILAGE	18.0000	ton	2000.0000	20
COTTON LINT	.5400	lb.	1.0000	20
COTTON LINT IRRI.	.5500	lb.	1.0000	20
COTTONSEED	95.0000	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	.8900	bu.	56.0000	23
DEFICIENCY PMT. COTTON	.1740	lb.	1.0000	23
DEFICIENCY PMT. OATS	.0000	bu.	32.0000	23
DEFICIENCY PMT. SORGHUM	1.6000	cwt.	100.0000	23
DEFICIENCY PMT. WHEAT	.5000	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	1.3500	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	4.2000	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.	85.0000	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	3.5100	bu.	60.0000	22

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.

**TRACTORS, IMPLEMENTS AND EQUIPMENT**  
**APRIL 8, 1989**

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 (\$)	40200	48600	55900	86300	14500	24700
SALVAGE VALUE (%)	38	38	38	38	38	38
CURRENT MARKET VALUE (\$)	36200	43700	50300	77700	13100	22200
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)						

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.

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)						

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.

DESCRIPTION	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT
FIRST NAME	LAND PLANE	MOLDBOARD PLOW	PECAN SHAKER	PECAN SHAKER HYDRAUL.	PLANTER 4 ROW	PLANTER 6 ROW
QUALIFYING NAME						
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 PEANUT	PLANTER STANHAY	PLANTING EQUIP. PECAN	RODWEEDER	SHREDDER	SPRAYER 12 FT
QUALIFYING NAME						
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	.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)						

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.

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)		3.8	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)		

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.

**OPERATING INPUT RESOURCES**  
**April 8, 1989**

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	14.36	acre	54
FED. CROP INS.* FPEANUT	16.25	acre	54
FED. CROP INS.* SORGHUMD	4.59	acre	54
FED. CROP INS.* SORGHUMI	3.06	acre	54
FED. CROP INS.* SOYBEAN	7.36	acre	54
FED. CROP INS.* SPEANUT	22.80	acre	54
FED. CROP INS.* WHEATD	3.35	acre	54
FED. CROP INS.* WHEATI	2.37	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	8.00	appl	45
FUNGICIDE CUCUMBER	10.00	acre	45
FUNGICIDE DTRT	11.00	lb.	45
FUNGICIDE LETTUCE	5.40	appl	45
FUNGICIDE ONION	12.00	appl	45
FUNGICIDE PEANUT	7.50	appl	45
FUNGICIDE PECAN	12.00	appl	45
FUNGICIDE REDOMIL	3.25	lb	45
FUNGICIDE SPINACH	9.00	appl	45
FUNGICIDE, PCNB	.45	lb.	45
FUNGICIDE, PCNB FPEANUT	34.00	appl	45
GIN, BAG, TIES	48.50	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	15.00	acre	45
HERBICIDE CORN	7.50	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	17.00	qt.	45
HERBICIDE SORGHUM	10.00	acre	45
HERBICIDE SOYBEAN	4.00	acre	45
HERBICIDE SP. B	27.00	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	7.50	appl	45
INSECTICIDE PEANUT	8.40	appl	45
INSECTICIDE PECAN	3.00	appl	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

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.

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)		.102	lb.	44
NITROGEN (DRY)		.20	lb.	44
NITROGEN (LIQ)		.20	lb.	44
PASTURE MAINT.		2.00	acre	52
PHOSPHATE		.20	lb.	44
PHOSPHORUS	FERT	.20	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	3.60	lb.	43
SEED	BUFFELGR	3.40	lb.	43
SEED	CABBAGE	75.00	lb.	43
SEED	CANT.	6	lb.	43
SEED	CARROT	35.00	lb.	43
SEED	CARRPROC	25.00	lb.	43
SEED	CORN-GR.	1.00	lb.	43
SEED	CORN-SIL	1.00	lb.	43
SEED	CORNFOOD	1.30	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	18.50	lb.	43
SEED	PEANUT	.72	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	3.50	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		.30	lb.	45

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.

**AUTO OR TRUCK RESOURCES**  
**APRIL 8, 1989**

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)	

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.



**CUSTOM OPERATION RESOURCES**  
 April 8, 1989

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	.10	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	3.65	bag	42
HARV., PACK & MKT PICKLES	6.5	cwt.	42
HARV., PACK & MKT SPINACH	4.10	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
SPRIG & SPRIGGING	25	acre	42
STRIP & HAUL COTTON	1.55	cwt.	42
TRANSPORTATION COTTON	1.92	bale	42
VITAVAX APPL.	3.5	acre	42

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.