

ONIONS, IRRIGATED
 Southwest Texas District-13 (Wintergarden Region)
 1987 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
=====	=====	====	=====	=====	=====
ONIONS	450.000	bag	5.0000	2250.00	_____
Total GROSS Income				2250.00	_____
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
=====	=====	====	=====	=====	
PREHARVEST					
PHOSPHATE	75.000	lb.	.210	15.75	_____
NITROGEN (DRY)	50.000	lb.	.200	10.00	_____
HERBICIDE	1.000	acre	35.000	35.00	_____
SEED	3.000	lb.	18.500	55.50	_____
NITROGEN (LIQ)	50.000	lb.	.200	10.00	_____
FUNGICIDE	1.000	appl	12.000	12.00	_____
PESTICIDE APPL.	1.000	acre	3.500	3.50	_____
FUNGICIDE	1.000	appl	12.000	12.00	_____
PESTICIDE APPL.	1.000	acre	3.500	3.50	_____
INSECTICIDE	1.000	appl	7.500	7.50	_____
FUNGICIDE	1.000	appl	12.000	12.00	_____
PESTICIDE APPL.	1.000	acre	3.500	3.50	_____
INSECTICIDE	1.000	appl	7.500	7.50	_____
FUNGICIDE	1.000	appl	12.000	12.00	_____
PESTICIDE APPL.	1.000	acre	3.500	3.50	_____
INSECTICIDE	1.000	appl	7.500	7.50	_____
FUNGICIDE	1.000	appl	12.000	12.00	_____
PESTICIDE APPL.	1.000	acre	3.500	3.50	_____
FUNGICIDE	1.000	appl	12.000	12.00	_____
PESTICIDE APPL.	1.000	acre	3.500	3.50	_____
FUEL & LUBE - Machinery		Acre		8.35	_____
- Irrigation		Acre		39.33	_____
Repairs - Machinery		Acre		3.77	_____
- Irrigation		Acre		9.00	_____
Labor - Machinery	4.172	Hour	4.501	18.77	_____
- Other	10.000	Hour	4.000	40.00	_____
- Irrigation	1.800	Hour	3.799	6.84	_____
Total PREHARVEST				367.81	_____
HARVEST					
HARV., PACK & MKT	450.000	bag	3.650	1642.49	_____
Total HARVEST				1642.50	_____
Interest - DC Borrowed	178.698	Dol.	0.100	17.87	_____
Total VARIABLE COST				2028.18	_____
<i>Break-Even Price, Total Variable Cost \$ 4.50 per bag of ONIONS</i>					
GROSS INCOME minus VARIABLE COST				221.82	_____
FIXED COST Description		Unit		Total	
=====		====		=====	
MISC ADMIN O/H		acre		16.00	_____
Machinery and Equipment		Acre		54.28	_____
Irrigation		Acre		28.23	_____
Land		Acre		50.00	_____
Total FIXED Cost				148.51	_____
<i>Break-Even Price, Total Cost \$ 4.83 per bag of ONIONS</i>					
Total of ALL Cost				2176.69	_____
NET PROJECTED RETURNS				73.31	_____

Onions are packed and marketed in 50 pound bags.

Projections for Planning Purposes Only
 Not to be Used without Updating after April 23, 1987.

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.
06/20/87	HARVEST	A	ONIONS	450.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
09/10/86	PREHARVEST	M	SHREDDING	1.0000			.00
09/20/86	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
10/01/86	PREHARVEST	H	HIRED LABOR	2.0000	C	V	.00
10/05/86	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
10/08/86	PREHARVEST	M	PLOWING MLDBOARD	1.0000			.00
10/10/86	PREHARVEST	M	PLANING LAND	.2000			.00
10/15/86	PREHARVEST	M	BEDDING 6 ROW	1.0000			.00
10/18/86	PREHARVEST	M	SHAPING	1.0000			.00
10/20/86	PREHARVEST	E	PHOSPHATE	75.0000	C	V	.00
10/20/86	PREHARVEST	E	NITROGEN (DRY)	50.0000	C	V	.00
10/20/86	PREHARVEST	M	APPLY.FERTILIZER	1.0000			.00
10/22/86	PREHARVEST	O	IRRIGATION VEG	4.0000			.00
10/25/86	PREHARVEST	E	HERBICIDE ONION	1.0000	C	V	.00
10/25/86	PREHARVEST	M	SPRAYING 12 FT	1.0000			.00
11/01/86	PREHARVEST	H	HIRED LABOR	2.0000	C	V	.00
11/10/86	PREHARVEST	E	SEED ONION	3.0000	C	V	.00
11/10/86	PREHARVEST	M	PLANTING STANHAY	1.0000			.00
11/30/86	PREHARVEST	M	CULTIVATING 4 ROW	1.0000			.00
12/01/86	PREHARVEST	H	HIRED LABOR	2.0000	C	V	.00
12/15/86	PREHARVEST	E	NITROGEN (LIQ)	50.0000	C	V	.00
12/15/86	PREHARVEST	O	IRRIGATION VEG	4.0000			.00
01/01/87	PREHARVEST	H	HIRED LABOR	2.0000	C	V	.00
01/10/87	PREHARVEST	E	FUNGICIDE ONION	1.0000	C	V	.00
01/10/87	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
01/15/87	PREHARVEST	M	CULTIVATING 4 ROW	1.0000			.00
01/20/87	PREHARVEST	O	IRRIGATION VEG	4.0000			.00
01/31/87	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
02/01/87	PREHARVEST	H	HIRED LABOR	2.0000	C	V	.00
02/10/87	PREHARVEST	E	FUNGICIDE ONION	1.0000	C	V	.00
02/10/87	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
02/15/87	PREHARVEST	M	CULTIVATING 4 ROW	1.0000			.00
03/10/87	PREHARVEST	E	INSECTICIDE ONION	1.0000	C	V	.00
03/10/87	PREHARVEST	E	FUNGICIDE ONION	1.0000	C	V	.00
03/10/87	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
03/15/87	PREHARVEST	M	CULTIVATING 4 ROW	1.0000			.00
03/30/87	PREHARVEST	O	IRRIGATION VEG	3.0000			.00
04/10/87	PREHARVEST	E	INSECTICIDE ONION	1.0000	C	V	.00
04/10/87	PREHARVEST	E	FUNGICIDE ONION	1.0000	C	V	.00
04/10/87	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
04/30/87	PREHARVEST	O	IRRIGATION VEG	3.0000			.00
05/10/87	PREHARVEST	E	INSECTICIDE ONION	1.0000	C	V	.00
05/10/87	PREHARVEST	E	FUNGICIDE ONION	1.0000	C	V	.00
05/10/87	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
05/20/87	PREHARVEST	E	FUNGICIDE ONION	1.0000	C	V	.00
05/20/87	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
06/20/87	HARVEST	G	HARV., PACK & MKT ONIONS	450.0000	C	V	.00
06/30/87		E	MISC ADMIN O/H	1.0000		F	.00
06/30/87		K	LAND - CASH RENT VEG	1.0000		F	.00

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FRESH MARKET SPINACH, IRRIGATED
 Southwest Texas District-13 (Wintergarden Region)
 1987 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
SPINACH FRESH	400.000	bu.	5.7500	2300.00	
Total GROSS Income				2300.00	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
PREHARVEST					
PHOSPHATE	120.000	lb.	.210	25.20	
NITROGEN (DRY)	30.000	lb.	.200	6.00	
HERBICIDE	1.000	acre	25.000	25.00	
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	
Fuel & Lube - Machinery		Acre		7.83	
- Irrigation		Acre		34.96	
Repairs - Machinery		Acre		3.69	
- Irrigation		Acre		8.00	
Labor - Machinery	3.990	Hour	4.501	17.96	
- Other	7.000	Hour	4.000	28.00	
- Irrigation	1.600	Hour	3.799	6.08	
Total PREHARVEST				376.21	
HARVEST					
HARV., PACK & MKT	400.000	bu.	4.100	1640.00	
Total HARVEST				1640.00	
Interest - OC Borrowed	129.716	Dol.	0.100	12.97	
Total VARIABLE COST				2029.19	
<i>Break-Even Price, Total Variable Cost \$ 5.07 per bu. of SPINACH</i>					
GROSS INCOME minus VARIABLE COST				270.81	
FIXED COST Description		Unit		Total	
MISC ADMIN O/H		acre		8.00	
Machinery and Equipment		Acre		50.61	
Irrigation		Acre		25.09	
Land		Acre		50.00	
Total FIXED Cost				133.70	
<i>Break-Even Price, Total Cost \$ 5.40 per bu. of SPINACH</i>					
Total of ALL Cost				2162.89	
NET PROJECTED RETURNS				137.11	

Spinach is packed and marketed in 25 pound bushels.

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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.
01/25/87	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
03/15/86	PREHARVEST	O	IRRIGATION VEG	4.0000			.00
06/30/86		E	MISC ADMIN O/H	.5000		F	.00
08/01/86	PREHARVEST	M	SHREDDING	1.0000			.00
08/03/86	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
08/05/86	PREHARVEST	M	PLOWING MLDBOARD	1.0000			.00
08/07/86	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
08/09/86	PREHARVEST	M	PLANING LAND	.2000			.00
08/10/86	PREHARVEST	M	DISC OFFSET 12 FT	.2000			.00
08/15/86	PREHARVEST	M	BEDDING 6 ROH	1.0000			.00
08/20/86	PREHARVEST	E	PHOSPHATE	120.0000	C	V	.00
08/20/86	PREHARVEST	E	NITROGEN (DRY)	30.0000	C	V	.00
08/20/86	PREHARVEST	M	APPLY FERTILIZER	1.0000			.00
08/25/86	PREHARVEST	E	HERBICIDE SPINACH	1.0000	C	V	.00
08/25/86	PREHARVEST	M	SPRAYING 12 FT	1.0000			.00
09/01/86	PREHARVEST	H	HIRED LABOR	2.0000	C	V	.00
09/05/86	PREHARVEST	M	SHAPING	1.0000			.00
09/10/86	PREHARVEST	E	SEED SPINACH	8.0000	C	V	.00
09/10/86	PREHARVEST	M	PLANTING 4 ROH	1.0000			.00
09/15/86	PREHARVEST	O	IRRIGATION VEG	4.0000			.00
09/15/86	PREHARVEST	E	NITROGEN (DRY)	60.0000	C	V	.00
09/20/86	PREHARVEST	E	FUNGICIDE SPINACH	1.0000	C	V	.00
09/20/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
09/25/86	PREHARVEST	M	CULTIVATING 4 ROH	1.0000			.00
09/30/86	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
09/30/86	PREHARVEST	E	FUNGICIDE SPINACH	1.0000	C	V	.00
09/30/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
10/01/86	PREHARVEST	H	HIRED LABOR	2.0000	C	V	.00
10/10/86	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
10/10/86	PREHARVEST	E	FUNGICIDE SPINACH	1.0000	C	V	.00
10/10/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
10/20/86	PREHARVEST	M	CULTIVATING 4 ROH	1.0000			.00
10/25/86	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
10/25/86	PREHARVEST	E	FUNGICIDE SPINACH	1.0000	C	V	.00
10/25/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
11/01/86	PREHARVEST	H	HIRED LABOR	3.0000	C	V	.00
11/10/86	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
11/10/86	PREHARVEST	E	FUNGICIDE SPINACH	1.0000	C	V	.00
11/10/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
11/15/86	PREHARVEST	O	IRRIGATION VEG	4.0000			.00
11/20/86	PREHARVEST	M	CULTIVATING 4 ROH	1.0000			.00
11/25/86	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
11/25/86	PREHARVEST	E	FUNGICIDE SPINACH	1.0000	C	V	.00
11/25/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
11/30/86	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
12/15/86	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
12/15/86	PREHARVEST	E	FUNGICIDE SPINACH	1.0000	C	V	.00
12/15/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
01/10/87	PREHARVEST	O	IRRIGATION VEG	4.0000			.00
01/25/87	HARVEST	G	HARV., PACK & MKT SPINACH	400.0000	C	V	.00
01/31/87		K	LAND - CASH RENT VEG	1.0000		F	.00

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PROCESSED SPINACH, IRRIGATED
 Southwest Texas District-13 (Wintergarden Region)
 1987 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
SPINACH PROCESS.	9.000	ton	82.0000	738.00	
SPINACH SECONDS	0.800	ton	1.0000	0.80	
Total GROSS Income				738.80	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
PREHARVEST					
PHOSPHATE	200.000	1b.	.210	42.00	
NITROGEN (DRY)	110.000	1b.	.200	22.00	
HERBICIDE	1.000	acre	27.000	27.00	
SEED	12.000	1b.	3.500	42.00	
FUNGICIDE	5.000	1b.	3.250	16.25	
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	1b.	.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	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
Fuel & Lube - Machinery		Acre		7.83	
- Irrigation		Acre		34.96	
Repairs - Machinery		Acre		3.69	
- Irrigation		Acre		8.00	
Labor - Machinery	3.990	Hour	4.501	17.96	
- Other	6.000	Hour	4.000	24.00	
- Irrigation	1.600	Hour	3.799	6.08	
Total PREHARVEST				422.76	
HARVEST					
HARV., PACK & MKT	9.800	ton	7.500	73.50	
Total HARVEST				73.50	
Interest - OC Borrowed	172.192	Dol.	0.100	17.22	
Total VARIABLE COST				513.48	
GROSS INCOME minus VARIABLE COST				225.32	
FIXED COST Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
MISC ADMIN O/H		acre		8.00	
Machinery and Equipment		Acre		50.61	
Irrigation		Acre		25.09	
Land		Acre		50.00	
Total FIXED Cost				133.70	
Total of ALL Cost				647.19	
NET PROJECTED RETURNS				91.61	

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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.
02/25/87	HARVEST	A	SPINACH PROCESS.	9.0000	.0000	C	.00	N
02/25/87	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
06/30/86		P	MISC ADMIN O/H	.5000		F	.00
08/01/86	PREHARVEST	M	SHREDDING	1.0000			.00
08/03/86	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
08/05/86	PREHARVEST	M	PLOWING MLDBOARD	1.0000			.00
08/07/86	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
08/09/86	PREHARVEST	M	PLANING LAND	.2000			.00
08/11/86	PREHARVEST	M	DISC OFFSET 12 FT	.2000			.00
08/15/86	PREHARVEST	M	BEDDING 6 ROW	1.0000			.00
08/20/86	PREHARVEST	E	PHOSPHATE	200.0000	C	V	.00
08/20/86	PREHARVEST	E	NITROGEN (DRY)	110.0000	C	V	.00
08/20/86	PREHARVEST	M	APPLY.FERTILIZER	1.0000			.00
08/25/86	PREHARVEST	E	HERBICIDE SP.B	1.0000	C	V	.00
08/25/86	PREHARVEST	M	SPRAYING 12 FT	1.0000			.00
09/05/86	PREHARVEST	M	SHAPING	1.0000			.00
09/10/86	PREHARVEST	E	SEED SPINPROC	12.0000	C	V	.00
09/10/86	PREHARVEST	M	PLANTING 4 ROW	1.0000			.00
09/10/86	PREHARVEST	E	FUNGICIDE REDOMIL	5.0000	C	V	.00
09/15/86	PREHARVEST	O	IRRIGATION VEG	3.0000			.00
09/20/86	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
09/20/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
09/25/86	PREHARVEST	M	CULTIVATING 4 ROW	1.0000			.00
09/30/86	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
09/30/86	PREHARVEST	E	FUNGICIDE SPINACH	1.0000	C	V	.00
09/30/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
10/01/86	PREHARVEST	H	HIRED LABOR	2.0000	C	V	.00
10/10/86	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
10/10/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
10/15/86	PREHARVEST	E	NITROGEN (LIQ)	60.0000	C	V	.00
10/15/86	PREHARVEST	O	IRRIGATION VEG	4.0000			.00
10/20/86	PREHARVEST	M	CULTIVATING 4 ROW	1.0000			.00
10/25/86	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
10/25/86	PREHARVEST	E	FUNGICIDE SPINACH	1.0000	C	V	.00
10/25/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
10/31/86	PREHARVEST	E	MISC ADMIN O/H	.5000	C	F	.00
11/01/86	PREHARVEST	H	HIRED LABOR	2.0000	C	V	.00
11/10/86	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
11/10/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
11/15/86	PREHARVEST	O	IRRIGATION VEG	3.0000			.00
11/20/86	PREHARVEST	M	CULTIVATING 4 ROW	1.0000			.00
11/25/86	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
11/25/86	PREHARVEST	E	FUNGICIDE SPINACH	1.0000	C	V	.00
11/25/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
11/30/86	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
12/01/86	PREHARVEST	H	HIRED LABOR	2.0000	C	V	.00
12/10/86	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
12/10/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
12/15/86	PREHARVEST	O	IRRIGATION VEG	3.0000			.00
12/25/86	PREHARVEST	E	INSECTICIDE SPINACH	1.0000	C	V	.00
12/25/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
01/10/87	PREHARVEST	O	IRRIGATION VEG	3.0000			.00
02/25/87	HARVEST	G	HARV.,PACK & MKT SPINPROC	9.8000	C	V	.00
02/28/87	HARVEST	K	LAND - CASH RENT VEG	1.0000		F	.00

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PECAN ORCHARD, ESTABLISHMENT PHASE
 Southwest Texas District-13 (Wintergarden Region)
 1987 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	7.500	262.50	_____
MISCELLANEOUS	0.500	acre	15.000	7.50	_____
PLANTING EQUIP.	5.000	hour	2.000	10.00	_____
Fuel & Lube - Machinery		Acre		2.73	_____
Repairs - Machinery		Acre		0.77	_____
Labor - Machinery	3.069	Hour	4.500	13.81	_____
- Other	8.000	Hour	4.000	32.00	_____
Interest - DC Borrowed	302.737	Do1.	0.100	30.27	_____
				=====	
Total VARIABLE COST				401.59	_____
GROSS INCOME minus VARIABLE COST				-401.59	_____
FIXED COST Description =====		Unit =====		Total =====	
Machinery and Equipment		Acre		15.86	_____
				=====	
Total FIXED Cost				15.86	_____
Total of ALL Cost				417.45	_____
NET PROJECTED RETURNS				-417.45	_____

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Projections for Planning Purposes Only
 Not to be Used without Updating after April 23, 1987.

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.
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-WARNING- NO VALID RECEIPTS RECORDS

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
12/05/86		M	SHREDDING	1.0000			.00
12/10/86		G	CUSTOM CHISEL	1.0000	C	V	.00
12/15/86		G	CUSTOM DISCING	1.0000	C	V	.00
12/15/86		H	HIRED LABOR	2.0000	C	V	.00
12/20/86		G	CUST. LAND PLANE	1.0000	C	V	.00
12/30/86		G	CUSTOM DISCING	1.0000	C	V	.00
01/15/87		H	HIRED LABOR	2.0000	C	V	.00
01/25/87		M	PLANTING	.5000	C	V	.00
01/30/87		E	TREES (5-6 FT) PECANS	35.0000	C	V	.00
01/31/87		M	PICKUP TRUCK 3/4 TON	5.0000			.00
01/31/87		E	MISCELLANEOUS PECAN	.5000	C	V	.00
02/05/87		M	PLANTING PECANS	.5000	C	V	.00
02/15/87		H	HIRED LABOR	2.0000	C	V	.00
11/15/87		H	HIRED LABOR	2.0000	C	V	.00

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PECAN ORCHARD, PRE-PRODUCTION PHASE (YEARS 1-4)
 Southwest Texas District-13 (Wintergarden Region)
 1987 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	app1	3.000	1.50	_____
FUNGICIDE	0.130	app1	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	app1	3.000	1.50	_____
ZINC SULPHATE	0.625	lb.	.300	0.18	_____
INSECTICIDE	0.500	app1	3.000	1.50	_____
FUNGICIDE	0.130	app1	12.000	1.56	_____
ZINC SULPHATE	0.625	lb.	.300	0.18	_____
INSECTICIDE	0.500	app1	3.000	1.50	_____
HERBICIDE	0.500	acre	24.500	12.25	_____
ZINC SULPHATE	0.625	lb.	.300	0.18	_____
INSECTICIDE	0.500	app1	3.000	1.50	_____
Fuel & Lube - Machinery		Acre		5.14	_____
- Irrigation		Acre		6.74	_____
Repairs - Machinery		Acre		3.12	_____
- Irrigation		Acre		10.29	_____
Labor - Machinery	4.953	Hour	4.500	22.29	_____
- Other	12.000	Hour	4.000	48.00	_____
- Irrigation	3.579	Hour	3.800	13.60	_____
Interest - DC Borrowed	102.342	Dol.	0.100	10.23	_____
				=====	
Total VARIABLE COST				157.45	_____
GROSS INCOME minus VARIABLE COST				-157.45	_____
FIXED COST Description =====		Unit =====		Total =====	
MISC ADMIN O/H		acre		8.00	_____
Machinery and Equipment		Acre		45.15	_____
Irrigation		Acre		93.62	_____
Land		Acre		50.00	_____
Perennial Crop		Acre		45.32	_____
				=====	
Total FIXED Cost				242.09	_____
Total of ALL Cost				399.53	_____
NET PROJECTED RETURNS				-399.53	_____

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Projections for Planning Purposes Only
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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
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-WARNING- NO VALID RECEIPTS RECORDS

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
12/15/86		H	HIRED LABOR	1.0000	C	V	.00
01/15/87		H	HIRED LABOR	1.0000	C	V	.00
02/15/87		H	HIRED LABOR	1.0000	C	V	.00
03/10/87		M	DISC OFFSET 8 FT	1.0000			.00
03/10/87		M	APPLY FERTILIZER	1.0000			.00
03/15/87		E	NITROGEN (DRY)	9.0000	C	V	.00
03/15/87		H	HIRED LABOR	1.0000	C	V	.00
03/20/87		O	TRICKLE SYSTEM	.5000			.00
04/15/87		H	HIRED LABOR	1.0000	C	V	.00
04/15/87		M	SPRAYING HYDRAUL.	1.0000			.00
04/15/87		E	ZINC SULPHATE	.6250	C	V	.00
04/15/87		E	INSECTICIDE PECAN	.5000	C	V	.00
04/15/87		E	FUNGICIDE PECAN	.1300	C	V	.00
04/20/87		O	TRICKLE SYSTEM	.8000			.00
04/25/87		M	SHREDDING	1.0000			.00
05/10/87		M	SPRAYING HYDRAUL.	1.0000			.00
05/10/87		E	ZINC SULPHATE	1.0000	C	V	.00
05/15/87		H	HIRED LABOR	1.0000	C	V	.00
05/15/87		M	SPRAYING 6 FT	1.0000			.00
05/15/87		E	HERBICIDE PECAN	.5000	C	V	.00
05/20/87		O	TRICKLE SYSTEM	.8000			.00
05/20/87		M	SPRAYING HYDRAUL.	1.0000			.00
05/20/87		E	ZINC SULPHATE	.2500	C	V	.00
05/20/87		E	INSECTICIDE PECAN	.5000	C	V	.00
05/31/87		M	PICKUP TRUCK 3/4 TON	20.0000			.00
06/15/87		H	HIRED LABOR	1.0000	C	V	.00
06/15/87		M	SPRAYING HYDRAUL.	1.0000			.00
06/15/87		E	ZINC SULPHATE	.6250	C	V	.00
06/15/87		E	INSECTICIDE PECAN	.5000	C	V	.00
06/15/87		E	FUNGICIDE PECAN	.1300	C	V	.00
06/20/87		O	TRICKLE SYSTEM	.8000			.00
06/30/87		E	MISC ADMIN O/H	.5000		F	.00
07/15/87		H	HIRED LABOR	1.0000	C	V	.00
07/15/87		M	SPRAYING HYDRAUL.	1.0000			.00
07/15/87		E	ZINC SULPHATE	.6250	C	V	.00
07/15/87		E	INSECTICIDE PECAN	.5000	C	V	.00
07/20/87		O	TRICKLE SYSTEM	.8000			.00
08/10/87		M	SPRAYING 6 FT	1.0000			.00
08/10/87		E	HERBICIDE PECAN	.5000	C	V	.00
08/15/87		H	HIRED LABOR	1.0000	C	V	.00
08/15/87		M	SPRAYING HYDRAUL.	1.0000			.00
08/15/87		E	ZINC SULPHATE	.6250	C	V	.00
08/15/87		E	INSECTICIDE PECAN	.5000	C	V	.00
08/20/87		O	TRICKLE SYSTEM	.8000			.00
09/15/87		H	HIRED LABOR	1.0000	C	V	.00
10/15/87		H	HIRED LABOR	1.0000	C	V	.00
11/15/87		H	HIRED LABOR	1.0000	C	V	.00
11/30/87		K	LAND - CASH RENT PECANS	1.0000		F	.00
11/30/87		L	PECAN ESTABL.	1.0000		F	.00

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PECAN ORCHARD, EARLY PRODUCTION PHASE (YEARS 5-9)
 Southwest Texas District-13 (Wintergarden Region)
 1987 Projected Costs and Returns per Acre

GROSS INCOME Description =====	Quantity =====	Unit =====	\$ / Unit =====	Total =====	Your Estimate =====
PECANS	600.000	lb.	1.0000	600.00	_____
Total GROSS Income				600.00	_____
VARIABLE COST Description =====	Quantity =====	Unit =====	\$ / Unit =====	Total =====	
PREHARVEST					
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		5.99	_____
- Irrigation		Acre		14.98	_____
Repairs - Machinery		Acre		6.19	_____
- Irrigation		Acre		9.60	_____
Labor - Machinery	5.078	Hour	4.500	22.85	_____
- Other	10.000	Hour	4.000	40.00	_____
- Irrigation	3.340	Hour	3.800	12.69	_____
Total PREHARVEST				181.80	_____
HARVEST					
CUSTOM PICKING	300.000	lb.	.280	84.00	_____
CUSTOM PICKING	300.000	lb.	.280	84.00	_____
Fuel & Lube - Machinery		Acre		0.46	_____
Repairs - Machinery		Acre		0.19	_____
Labor - Machinery	0.340	Hour	4.500	1.53	_____
- Other	4.000	Hour	4.000	16.00	_____
Total HARVEST				186.18	_____
Interest - OC Borrowed	96.888	Dol.	0.100	9.69	_____
Total VARIABLE COST				377.68	_____
<i>Break-Even Price, Total Variable Cost \$ 0.62 per lb. of PECANS</i>					
GROSS INCOME minus VARIABLE COST				222.32	_____
FIXED COST Description =====		Unit =====		Total =====	
MISC ADMIN O/H		acre		12.00	_____
Machinery and Equipment		Acre		61.37	_____
Irrigation		Acre		88.82	_____
Land		Acre		50.00	_____
Perennial Crop		Acre		90.83	_____
Total FIXED Cost				303.02	_____
<i>Break-Even Price, Total Cost \$ 1.13 per lb. of PECANS</i>					
Total of ALL Cost				680.70	_____
NET PROJECTED RETURNS				-80.70	_____
Custom Harvested.					

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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.
10/30/87	HARVEST	A	PECANS	300.0000	.0000	C	.00	Y
11/20/87	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
12/15/86	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
01/15/87	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
02/15/87	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
03/10/87	PREHARVEST	M	SHREDDING	1.0000			.00
03/15/87	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
03/15/87	PREHARVEST	M	APPLY FERTILIZER	1.0000			.00
03/15/87	PREHARVEST	E	NITROGEN (DRY)	37.5000	C	V	.00
04/15/87	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
04/15/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
04/15/87	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
04/15/87	PREHARVEST	E	INSECTICIDE PECAN	1.0000	C	V	.00
04/15/87	PREHARVEST	E	FUNGICIDE PECAN	.5000	C	V	.00
04/20/87	PREHARVEST	O	TRICKLE SYSTEM 1	1.0000			.00
05/10/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
05/10/87	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
05/15/87	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
05/15/87	PREHARVEST	M	SPRAYING 6 FT	1.0000			.00
05/15/87	PREHARVEST	E	HERBICIDE PECAN	.5000	C	V	.00
05/20/87	PREHARVEST	O	TRICKLE SYSTEM 1	1.8000			.00
05/20/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
05/20/87	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
05/20/87	PREHARVEST	E	INSECTICIDE PECAN	1.0000	C	V	.00
05/25/87	PREHARVEST	M	APPLY FERTILIZER	1.0000			.00
05/31/87	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
06/15/87	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
06/15/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
06/15/87	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
06/15/87	PREHARVEST	E	INSECTICIDE PECAN	1.0000	C	V	.00
06/15/87	PREHARVEST	E	FUNGICIDE PECAN	.5000	C	V	.00
06/20/87	PREHARVEST	O	TRICKLE SYSTEM 1	1.8000			.00
06/30/87	PREHARVEST	E	MISC ADMIN O/H	.7500		F	.00
07/15/87	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
07/15/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
07/15/87	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
07/15/87	PREHARVEST	E	INSECTICIDE PECAN	1.0000	C	V	.00
07/20/87	PREHARVEST	O	TRICKLE SYSTEM 1	1.8000			.00
08/10/87	PREHARVEST	M	SPRAYING 6 FT	1.0000			.00
08/10/87	PREHARVEST	E	HERBICIDE PECAN	.5000	C	V	.00
08/15/87	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
08/15/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
08/15/87	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
08/15/87	PREHARVEST	E	INSECTICIDE PECAN	1.0000	C	V	.00
08/15/87	PREHARVEST	E	FUNGICIDE PECAN	.5000	C	V	.00
08/20/87	PREHARVEST	O	TRICKLE SYSTEM 1	1.8000			.00
09/15/87	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
09/20/87	PREHARVEST	O	TRICKLE SYSTEM 1	1.8000			.00
10/20/87	PREHARVEST	M	SHREDDING	1.0000			.00
10/30/87	HARVEST	H	HIRED LABOR	2.0000	C	V	.00
10/30/87	HARVEST	G	CUSTOM PICKING PECANS	300.0000	C	V	.00
11/15/87	HARVEST	M	DISC OFFSET 8 FT	1.0000			.00
11/20/87	HARVEST	H	HIRED LABOR	2.0000	C	V	.00
11/20/87	HARVEST	G	CUSTOM PICKING PECANS	300.0000	C	V	.00
11/30/87		K	LAND - CASH RENT PECANS	1.0000		F	.00
11/30/87		L	PECAN ESTABL.	1.0000		F	.00
11/30/87		L	PECAN PREHARV.	1.0000		F	.00

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PECAN ORCHARD, OPERATIONAL PHASE (YEARS 10-20)
 Southwest Texas District-13 (Wintergarden Region)
 1987 Projected Costs and Returns per Acre

GROSS INCOME Description =====	Quantity =====	Unit =====	\$ / Unit =====	Total =====	Your Estimate =====
PECANS	1200.000	lb.	1.0000	1200.00	_____
Total GROSS Income				1200.00	_____
VARIABLE COST Description =====	Quantity =====	Unit =====	\$ / Unit =====	Total =====	
PREHARVEST					
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		5.99	_____
- Irrigation		Acre		23.96	_____
Repairs - Machinery		Acre		6.19	_____
- Irrigation		Acre		9.60	_____
Labor - Machinery	5.078	Hour	4.500	22.85	_____
- Other	16.500	Hour	4.000	66.00	_____
- Irrigation	3.340	Hour	3.800	12.69	_____
Total PREHARVEST				323.54	_____
HARVEST					
CUSTOM PICKING	600.000	lb.	.280	168.00	_____
CUSTOM PICKING	600.000	lb.	.280	168.00	_____
Labor - Other	1.500	Hour	4.000	6.00	_____
Total HARVEST				342.00	_____
Interest - OC Borrowed	153.319	Dol.	0.100	15.33	_____
Total VARIABLE COST				680.87	_____
<i>Break-Even Price, Total Variable Cost \$ 0.56 per lb. of PECANS</i>					
GROSS INCOME minus VARIABLE COST				519.13	_____
FIXED COST Description =====		Unit =====		Total =====	
MISC ADMIN O/H		acre		16.00	_____
Machinery and Equipment		Acre		57.24	_____
Irrigation		Acre		90.32	_____
Land		Acre		50.00	_____
Perennial Crop		Acre		101.70	_____
Total FIXED Cost				315.25	_____
<i>Break-Even Price, Total Cost \$ 0.83 per lb. of PECANS</i>					
Total of ALL Cost				996.12	_____
NET PROJECTED RETURNS				203.88	_____

Custom Harvested.

Projections for Planning Purposes Only
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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.
10/30/87	HARVEST	A	PECANS	600.0000	.0000	C	.00	Y
11/20/87	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
12/15/86	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
01/15/87	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
02/15/87	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
03/10/87	PREHARVEST	M	SHREDDING	1.0000			.00
03/15/87	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
03/15/87	PREHARVEST	M	APPLY FERTILIZER	1.0000			.00
03/15/87	PREHARVEST	E	NITROGEN (DRY)	70.0000	C	V	.00
03/20/87	PREHARVEST	O	TRICKLE SYSTEM 2	1.0000			.00
04/15/87	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
04/15/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
04/15/87	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
04/15/87	PREHARVEST	E	FUNGICIDE PECAN	1.5000	C	V	.00
04/20/87	PREHARVEST	O	TRICKLE SYSTEM 2	2.0000			.00
05/10/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
05/10/87	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
05/15/87	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
05/15/87	PREHARVEST	M	SPRAYING 6 FT	1.0000			.00
05/15/87	PREHARVEST	E	HERBICIDE PECAN	.5000	C	V	.00
05/20/87	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
05/20/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
05/20/87	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
05/20/87	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
05/25/87	PREHARVEST	M	APPLY FERTILIZER	1.0000			.00
05/25/87	PREHARVEST	E	NITROGEN (DRY)	70.0000	C	V	.00
05/31/87	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
06/15/87	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
06/15/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
06/15/87	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
06/15/87	PREHARVEST	E	FUNGICIDE PECAN	1.5000	C	V	.00
06/20/87	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
06/20/87	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
06/30/87	PREHARVEST	E	MISC ADMIN O/H	1.0000		F	.00
07/15/87	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
07/15/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
07/15/87	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
07/20/87	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
07/20/87	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
08/10/87	PREHARVEST	M	SPRAYING 6 FT	1.0000			.00
08/10/87	PREHARVEST	E	HERBICIDE PECAN	.5000	C	V	.00
08/15/87	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
08/15/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
08/15/87	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
08/15/87	PREHARVEST	E	FUNGICIDE PECAN	1.5000	C	V	.00
08/20/87	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
08/20/87	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
09/15/87	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
09/20/87	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
10/15/87	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
10/25/87	PREHARVEST	M	SHREDDING	1.0000			.00
10/30/87	HARVEST	G	CUSTOM PICKING PECANS	600.0000	C	V	.00
11/15/87	HARVEST	H	HIRED LABOR	1.5000	C	V	.00
11/20/87	HARVEST	G	CUSTOM PICKING PECANS	600.0000	C	V	.00
11/30/87		K	LAND - CASH RENT PECANS	1.0000		F	.00
11/30/87		L	PECAN ESTABL.	1.0000		F	.00
11/30/87		L	PECAN PREHARV.	1.0000		F	.00
11/30/87		L	PECAN EARLY	1.0000		F	.00

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PECAN ORCHARD, EARLY PRODUCTION PHASE (YEARS 5-9)
 Southwest Texas District-13 (Wintergarden Region)
 1987 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
PECANS	600.000	lb.	1.0000	600.00	
Total GROSS Income				600.00	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
PREHARVEST					
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		5.99	
- Irrigation		Acre		14.98	
Repairs - Machinery		Acre		6.19	
- Irrigation		Acre		9.60	
Labor - Machinery	5.078	Hour	4.500	22.85	
- Other	10.000	Hour	4.000	40.00	
- Irrigation	3.340	Hour	3.800	12.69	
Total PREHARVEST				181.80	
HARVEST					
Fuel & Lube - Machinery		Acre		7.70	
Repairs - Machinery		Acre		5.84	
Labor - Machinery	2.975	Hour	4.500	13.39	
- Other	20.000	Hour	4.000	80.00	
Total HARVEST				106.93	
Interest - OC Borrowed	94.262	Dol.	0.100	9.43	
Total VARIABLE COST				298.16	
<i>Break-Even Price, Total Variable Cost \$ 0.49 per lb. of PECANS</i>					
GROSS INCOME minus VARIABLE COST				301.84	
FIXED COST Description	Unit	Total	Your Estimate		
MISC ADMIN O/H	acre	12.00			
Machinery and Equipment	Acre	127.86			
Irrigation	Acre	88.82			
Land	Acre	50.00			
Perennial Crop	Acre	90.83			
Total FIXED Cost		369.51			
<i>Break-Even Price, Total Cost \$ 1.11 per lb. of PECANS</i>					
Total of ALL Cost		667.68			
NET PROJECTED RETURNS		-67.68			

Harvested with owned equipment.

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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.
10/30/87	HARVEST	A	PECANS	300.0000	.0000	C	.00	Y
11/20/87	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
12/15/86	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
01/15/87	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
02/15/87	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
03/10/87	PREHARVEST	M	SHREDDING	1.0000			.00
03/15/87	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
03/15/87	PREHARVEST	M	APPLY FERTILIZER	1.0000			.00
03/15/87	PREHARVEST	E	NITROGEN (DRY)	37.5000	C	V	.00
04/15/87	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
04/15/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
04/15/87	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
04/15/87	PREHARVEST	E	INSECTICIDE PECAN	1.0000	C	V	.00
04/15/87	PREHARVEST	E	FUNGICIDE PECAN	.5000	C	V	.00
04/20/87	PREHARVEST	O	TRICKLE SYSTEM 1	1.0000			.00
05/10/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
05/10/87	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
05/15/87	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
05/15/87	PREHARVEST	M	SPRAYING 6 FT	1.0000			.00
05/15/87	PREHARVEST	E	HERBICIDE PECAN	.5000	C	V	.00
05/20/87	PREHARVEST	O	TRICKLE SYSTEM 1	1.8000			.00
05/20/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
05/20/87	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
05/20/87	PREHARVEST	E	INSECTICIDE PECAN	1.0000	C	V	.00
05/25/87	PREHARVEST	M	APPLY FERTILIZER	1.0000			.00
05/31/87	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
06/15/87	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
06/15/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
06/15/87	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
06/15/87	PREHARVEST	E	INSECTICIDE PECAN	1.0000	C	V	.00
06/15/87	PREHARVEST	E	FUNGICIDE PECAN	.5000	C	V	.00
06/20/87	PREHARVEST	O	TRICKLE SYSTEM 1	1.8000			.00
06/30/87	PREHARVEST	E	MISC ADMIN O/H	.7500		F	.00
07/15/87	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
07/15/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
07/15/87	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
07/15/87	PREHARVEST	E	INSECTICIDE PECAN	1.0000	C	V	.00
07/20/87	PREHARVEST	O	TRICKLE SYSTEM 1	1.8000			.00
08/10/87	PREHARVEST	M	SPRAYING 6 FT	1.0000			.00
08/10/87	PREHARVEST	E	HERBICIDE PECAN	.5000	C	V	.00
08/15/87	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
08/15/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
08/15/87	PREHARVEST	E	ZINC SULPHATE	2.5000	C	V	.00
08/15/87	PREHARVEST	E	INSECTICIDE PECAN	1.0000	C	V	.00
08/15/87	PREHARVEST	E	FUNGICIDE PECAN	.5000	C	V	.00
08/20/87	PREHARVEST	O	TRICKLE SYSTEM 1	1.8000			.00
09/15/87	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
09/20/87	PREHARVEST	O	TRICKLE SYSTEM 1	1.8000			.00
10/20/87	PREHARVEST	M	SHREDDING	1.0000			.00
10/30/87	HARVEST	M	SHAKING PECANS	3.0000			.00
10/30/87	HARVEST	M	PICKING PECANS	3.0000			.00
10/30/87	HARVEST	D	PECAN CLEANER	.5000			.00
10/30/87	HARVEST	H	HIRED LABOR	5.0000			.00
11/15/87	HARVEST	M	DISC OFFSET 8 FT	1.0000			.00
11/20/87	HARVEST	M	SHAKING PECANS	3.0000			.00
11/20/87	HARVEST	M	PICKING PECANS	3.0000			.00
11/20/87	HARVEST	D	PECAN CLEANER	1.5000			.00
11/20/87	HARVEST	H	HIRED LABOR	15.0000			.00
11/30/87		K	LAND - CASH RENT PECANS	1.0000		F	.00
11/30/87		L	PECAN ESTABL.	1.0000		F	.00
11/30/87		L	PECAN PREHARV.	1.0000		F	.00

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PECAN ORCHARD, OPERATIONAL PHASE (YEARS 10-20)
 Southwest Texas District-13 (Wintergarden Region)
 1987 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
PECANS	1200.000	lb.	1.0000	1200.00	
Total GROSS Income				1200.00	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
PREHARVEST					
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		5.99	
- Irrigation		Acre		23.96	
Repairs - Machinery		Acre		6.19	
- Irrigation		Acre		9.60	
Labor - Machinery	5.078	Hour	4.500	22.85	
- Other	16.500	Hour	4.000	66.00	
- Irrigation	3.340	Hour	3.800	12.69	
Total PREHARVEST				323.54	
HARVEST					
Fuel & Lube - Machinery		Acre		9.56	
Repairs - Machinery		Acre		7.50	
Labor - Machinery	5.020	Hour	4.500	22.59	
- Other	35.000	Hour	4.000	140.00	
Total HARVEST				179.65	
Interest - OC Borrowed	153.319	Dol.	0.100	15.33	
Total VARIABLE COST				518.52	
<i>Break-Even Price, Total Variable Cost \$ 0.43 per lb. of PECANS</i>					
GROSS INCOME minus VARIABLE COST				681.48	
FIXED COST Description	Unit	Total	Your Estimate		
MISC ADMIN O/H	acre	16.00			
Machinery and Equipment	Acre	153.07			
Irrigation	Acre	90.32			
Land	Acre	50.00			
Perennial Crop	Acre	99.97			
Total FIXED Cost		409.36			
<i>Break-Even Price, Total Cost \$ 0.77 per lb. of PECANS</i>					
Total of ALL Cost		927.88			
NET PROJECTED RETURNS		272.12			

Harvested with owned equipment.

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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.
10/30/87	HARVEST	A	PECANS	600.0000	.0000	C	.00	Y
11/20/87	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
12/15/86	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
01/15/87	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
02/15/87	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
03/10/87	PREHARVEST	M	SHREDDING	1.0000			.00
03/15/87	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
03/15/87	PREHARVEST	M	APPLY FERTILIZER	1.0000			.00
03/15/87	PREHARVEST	E	NITROGEN (DRY)	70.0000	C	V	.00
03/20/87	PREHARVEST	O	TRICKLE SYSTEM 2	1.0000			.00
04/15/87	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
04/15/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
04/15/87	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
04/15/87	PREHARVEST	E	FUNGICIDE PECAN	1.5000	C	V	.00
04/20/87	PREHARVEST	O	TRICKLE SYSTEM 2	2.0000			.00
05/10/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
05/10/87	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
05/15/87	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
05/15/87	PREHARVEST	M	SPRAYING 6 FT	1.0000			.00
05/15/87	PREHARVEST	E	HERBICIDE PECAN	.5000	C	V	.00
05/20/87	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
05/20/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
05/20/87	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
05/20/87	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
05/25/87	PREHARVEST	M	APPLY FERTILIZER	1.0000			.00
05/25/87	PREHARVEST	E	NITROGEN (DRY)	70.0000	C	V	.00
05/31/87	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
06/15/87	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
06/15/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
06/15/87	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
06/15/87	PREHARVEST	E	FUNGICIDE PECAN	1.5000	C	V	.00
06/20/87	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
06/20/87	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
06/30/87	PREHARVEST	E	MISC ADMIN O/H	1.0000		F	.00
07/15/87	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
07/15/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
07/15/87	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
07/20/87	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
07/20/87	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
08/10/87	PREHARVEST	M	SPRAYING 6 FT	1.0000			.00
08/10/87	PREHARVEST	E	HERBICIDE PECAN	.5000	C	V	.00
08/15/87	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
08/15/87	PREHARVEST	M	SPRAYING HI SPEED	1.0000			.00
08/15/87	PREHARVEST	E	INSECTICIDE PECAN	3.9000	C	V	.00
08/15/87	PREHARVEST	E	FUNGICIDE PECAN	1.5000	C	V	.00
08/20/87	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
08/20/87	PREHARVEST	E	ZINC SULPHATE	7.5000	C	V	.00
09/15/87	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
09/20/87	PREHARVEST	O	TRICKLE SYSTEM 2	2.6000			.00
10/15/87	PREHARVEST	H	HIRED LABOR	1.5000	C	V	.00
10/25/87	PREHARVEST	M	SHREDDING	1.0000			.00
10/30/87	HARVEST	M	SHAKING PECANS	6.0000			.00
10/30/87	HARVEST	M	PICKING PECANS	6.0000			.00
10/30/87	HARVEST	H	HIRED LABOR	10.0000	C	V	.00
10/30/87	HARVEST	D	PECAN CLEANER	.5000			.00
11/20/87	HARVEST	M	SHAKING PECANS	6.0000			.00
11/20/87	HARVEST	M	PICKING PECANS	6.0000			.00
11/20/87	HARVEST	H	HIRED LABOR	25.0000	C	V	.00
11/20/87	HARVEST	D	PECAN CLEANER	1.5000			.00
11/30/87		K	LAND - CASH RENT PECANS	1.0000		F	.00
11/30/87		L	PECAN ESTABL.	1.0000		F	.00
11/30/87		L	PECAN PREHARV.	1.0000		F	.00
11/30/87		L	PECAN EARLYHAR	1.0000		F	.00

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CROP PRODUCTS REPORT
 April 23, 1987

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	6.5000	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	1.8300	bu.	56.0000	20
CORN FOOD	2.5000	bu.	56.0000	20
CORN SILAGE	18.0000	ton	2000.0000	20
COTTON LINT	.4000	lb.	1.0000	20
COTTON LINT IRRI.	.5225	lb.	1.0000	20
COTTONSEED	50.0000	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	1.2100	bu.	56.0000	23
DEFICIENCY PMT. COTTON	.2715	lb.	1.0000	23
DEFICIENCY PMT. OATS	.5500	bu.	32.0000	23
DEFICIENCY PMT. SORGHUM	2.0300	cwt.	100.0000	23
DEFICIENCY PMT. WHEAT	2.1000	bu.	60.0000	23
GRAZING	.4000	days	1.0000	20
GRAZING BERMUDA	.3000	days	.0000	20
GRAZING OATS	.3000	days	.0000	20
GUAR	12.0000	cwt.	100.0000	20
HAY	60.0000	ton	2000.0000	20
HAY BERMUDA	50.0000	ton	2000.0000	20
HAY SORGHUM	50.0000	ton	2000.0000	20
LETTUCE	5.5000	crtn	50.0000	20
OATS	.9500	bu.	32.0000	20
ONIONS	5.0000	bag	1.0000	20
PASTURE BUFFELGR	.3500	days	.0000	20
PASTURE SORGHUM	.3000	days	.0000	20
PEANUTS F.RUNNER	28.5000	cwt.	100.0000	20
PECANS	1.0000	lb.	1.0000	20
SM. GRAINS PAST.	.0000	AUM	1.0000	21
SORGHUM	2.8700	cwt.	100.0000	21
SOYBEANS	5.2500	bu.	56.0000	20
SPANISH PEANUTS	28.5000	cwt.	100.0000	20
SPINACH FRESH	5.7500	bu.	1.0000	20
SPINACH PROCESS.	82.0000	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	2.1100	bu.	60.0000	22
WHEAT WINTER	2.1100	bu.	60.0000	22

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TRACTORS, IMPLEMENTS AND EQUIPMENT
APRIL 23, 1987

DESCRIPTION	TRACTOR	TRACTOR	TRACTOR	TRACTOR	TRACTOR	SELF PROPELLED
FIRST NAME	TRACTOR	TRACTOR	TRACTOR	TRACTOR	TRACTOR	PECAN PICKER
QUALIFYING NAME	100 HP	125 HP	150 HP	40 HP	75 HP	
HORSEPOWER RATING (HP)	100	125	150	40	75	25
USEFUL LIFE (HR OR MI)	12000	12000	12000	12000	12000	2000
FUEL TYPE	DI	DI	DI	DI	DI	GA
REMAINING LIFE (HR OR MI)	12000	12000	12000	12000	12000	2000
FUEL CON. (UNIT/HR OR /MI)						
ANNUAL USE (HR OR MI)	350	400	600	350	400	60
SPEED (MI/H)						4
WIDTH (FT)						
FIELD EFFICIENCY (%)						70
CAPACITY (AC/HR)						12
POWER UNIT MULTIPLIER						1.0
LABOR MULTIPLIER						1.25
CURRENT LIST PRICE (\$)	36000	42900	50700	13800	24000	10000
SALVAGE VALUE (%)	38	38	38	38	38	
CURRENT MARKET VALUE (\$)	32400	38600	45600	12400	21600	10000
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	.029	.029	.23
DEPRECIATION FACTOR #1	.68	.68	.68	.68	.68	.64
YEARS OWNED	7	7	7	7	7	7
REPAIR COEFFICIENT #2	1.5	1.5	1.5	1.5	1.5	1.4
DEPRECIATION FACTOR #2	.92	.92	.92	.92	.92	.885
CAPACITY (DEF.,CALC.)						D
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	ANHYDROUS APPL.	BED SHAPER	BEDDER	CHISEL	COMBINE	CULTIVATOR
QUALIFYING NAME			6 ROW		PEANUT	4 ROW
HORSEPOWER RATING (HP)	20	115	115	55	50	70
USEFUL LIFE (HR OR MI)	1200	2500	2500	2500	2000	2500
FUEL TYPE						
REMAINING LIFE (HR OR MI)	1200	2500	2500	2500	2000	2500
FUEL CON. (UNIT/HR OR /MI)						
ANNUAL USE (HR OR MI)	100	100	100	200	250	100
SPEED (MI/H)	5	4.5	4.5	4.5	2.5	5
WIDTH (FT)	18	12	20	15	13.3	12
FIELD EFFICIENCY (%)	80	80	80	80	60	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 (\$)	1	2700	3780	3780	16200	3025
SALVAGE VALUE (%)	100	10	10	16	30	10
CURRENT MARKET VALUE (\$)	1	1950	1760	3780	16200	3025
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	.934	.364	.364	.364	.380	.364
DEPRECIATION FACTOR #1	1	.6	.6	.6	.64	.6
YEARS OWNED	10	10	10	10	6	10
REPAIR COEFFICIENT #2	1.4	1.3	1.3	1.3	1.4	1.3
DEPRECIATION FACTOR #2	1	.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)	1	2	2	2	2	2
LEASE CALC. (HOUR, YEAR)						

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DESCRIPTION	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT
FIRST NAME	CULTIVATOR	CULTIVATOR	CULTIVATOR 4 ROW	CULTIVATOR 6 ROW	DIGGER	DISC
QUALIFYING NAME	6 ROW	FIELD	ROLLING	ROLLING	PEANUT	TANDEM
HORSEPOWER RATING (HP)	115	55	70	100	50	65
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	200	100	100	250	100
SPEED (MI/H)	5	6	3.5	3.5	2.5	4.5
WIDTH (FT)	18	15	12	18	6.7	14
FIELD EFFICIENCY (%)	80	80	80	80	60	83
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 (\$)	3240	3780	2700	3780	3240	4320
SALVAGE VALUE (%)	10	16	10	30	30	10
CURRENT MARKET VALUE (\$)	3240	3780	2700	3780	1300	4320
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	.222	.364
DEPRECIATION FACTOR #1	.6	.6	.6	.6	.6	.6
YEARS OWNED	10	10	8	10	10	10
REPAIR COEFFICIENT #2	1.3	1.3	1.3	1.3	1.4	1.3
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-OFFSET	DISC-OFFSET	DRILL	FERTILIZER SPDR.	HARROW SPIKE	LAND PLANE
QUALIFYING NAME	12 FT	8 FT				
HORSEPOWER RATING (HP)	60	40	26	20	25	100
USEFUL LIFE (HR OR MI)	2500	2500	1200	1200	2500	2500
FUEL TYPE						
REMAINING LIFE (HR OR MI)	2500	2500	1200	1200	2500	2500
FUEL CON. (UNIT/HR OR /MI)						
ANNUAL USE (HR OR MI)	100	50	88	50	35	100
SPEED (MI/H)	4.8	5	4	4	4.5	6
WIDTH (FT)	12	8	14	20	24	12
FIELD EFFICIENCY (%)	83	80	72	67	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 (\$)	6590	3200	5800	2700	1620	6480
SALVAGE VALUE (%)	10	10	10	10	30	30
CURRENT MARKET VALUE (\$)	6590	3200	5220	2700	1620	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)				100		
REPAIR COEFFICIENT #1	.364	.364	.777	.934	.364	.168
DEPRECIATION FACTOR #1	.6	.6	.6	1	.6	.6
YEARS OWNED	10	10	10	10	10	10
REPAIR COEFFICIENT #2	1.3	1.3	1.4	1.4	1.3	1.4
DEPRECIATION FACTOR #2	.885	.885	.885	1	.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)						

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DESCRIPTION	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT	IMPLEMENT
FIRST NAME	HOLDBOARD PLOW	PECAN SHAKER	PECAN SHAKER HYDRAUL.	PLANTER 4 ROW	PLANTER 6 ROW	PLANTER PEANU.
QUALIFYING NAME						
HORSEPOWER RATING (HP)	70	25	30	30	46	30
USEFUL LIFE (HR OR MI)	2500	2000	1200	1200	1200	1200
FUEL TYPE						
REMAINING LIFE (HR OR MI)	2500	2000	1200	1200	1200	1200
FUEL CON. (UNIT/HR OR /MI)						
ANNUAL USE (HR OR MI)	100	140	140	75	75	75
SPEED (MI/H)	4.5	6	4	4.5	4.5	4.5
WIDTH (FT)	5.3	10.5	6	13.3	18	12.7
FIELD EFFICIENCY (%)	80	60	65	60	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	1.1	1.1
CURRENT LIST PRICE (\$)	6480	4200	4200	5180	6480	5400
SALVAGE VALUE (%)	10	10	10	10	10	10
CURRENT MARKET VALUE (\$)	6480	4200	3800	5180	6480	5400
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	.364	.364	.777	.777	.777	.777
DEPRECIATION FACTOR #1	.6	.6	.6	.6	.6	.6
YEARS OWNED	8	10	8	10	8	8
REPAIR COEFFICIENT #2	1.3	1.3	1.4	1.4	1.4	1.4
DEPRECIATION FACTOR #2	.885	.885	.885	.885	.885	.885
CAPACITY (DEF.,CALC.)	C	D	C	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	IMPLEMENT	IMPLEMENT
FIRST NAME	PLANTER STANHAY	PLANTING EQUIP. PECAN	RODWEEDER	SHREDDER	SPRAYER 12 FT	SPRAYER 6 FT
QUALIFYING NAME						
HORSEPOWER RATING (HP)	30	20	60	40	20	20
USEFUL LIFE (HR OR MI)	1200	1200	2500	2000	1200	1200
FUEL TYPE						
REMAINING LIFE (HR OR MI)	1200	1200	2500	2000	1200	1200
FUEL CON. (UNIT/HR OR /MI)						
ANNUAL USE (HR OR MI)	75	200	100	200	35	35
SPEED (MI/H)	4.5	3	5	3.7	4	4
WIDTH (FT)	13.3	10	16	14	12	6
FIELD EFFICIENCY (%)	60	80	80	80	65	65
CAPACITY (AC/HR)		.5				
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 (\$)	3240	1	1190	5180	1300	3000
SALVAGE VALUE (%)	10	100	30	10	10	10
CURRENT MARKET VALUE (\$)	3240	1	1080	4750	1300	2900
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	.934	.364	.230	.777	.777
DEPRECIATION FACTOR #1	.6	1	.6	.6	.6	.6
YEARS OWNED	10	10	10	8	8	8
REPAIR COEFFICIENT #2	1.4	1.4	1.3	1.4	1.4	1.4
DEPRECIATION FACTOR #2	.885	1		.885	.885	.885
CAPACITY (DEF.,CALC.)	C	D	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)						

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DESCRIPTION	IMPLEMENT	IMPLEMENT	IMPLEMENT	EQUIPMENT	EQUIPMENT	EQUIPMENT
FIRST NAME	SPRAYER	SPRAYER	SPRAYER	PECAN CLEANER	STOCK SPRAYER	STOCK TRAILER
QUALIFYING NAME	HI SPEED	HYDRAUL.	HYDRO.			
HORSEPOWER RATING (HP)	30	30	30			
USEFUL LIFE (HR OR MI)	1200	1200	1200	400	10	10
FUEL TYPE				EL		
REMAINING LIFE (HR OR MI)	1200	1200	1200	400	10	10
FUEL CON. (UNIT/HR OR /MI)				37.5		
ANNUAL USE (HR OR MI)	200	200	200	40	1	1
SPEED (MI/H)	5	5	5			
WIDTH (FT)	28	19	19			
FIELD EFFICIENCY (%)	65	65	65			
CAPACITY (AC/HR)	3.8	3.8	3.8			
POWER UNIT MULTIPLIER	1.1	1.1	1.1			
LABOR MULTIPLIER	1.2	1.2	1.2			
CURRENT LIST PRICE (\$)	5500	1500	1500	3800	1000	2600
SALVAGE VALUE (%)	30	30	30	10	10	10
CURRENT MARKET VALUE (\$)	5500	1000	1000	3800	1000	2400
LEASE PAYMENT (\$)						
ANNUAL LICENSE & TAX (\$)						
ANNUAL INSURANCE (\$)						
ON FARM HIRED LABOR (HR)				5		
OFF FARM PARTS & LABOR (\$)				76	10.00	13.00
ON FARM OWNER LABOR (HR)						
ANNUAL USE BASE (HR OR MI)				40	1	1
REPAIR COEFFICIENT #1	.777	.777	.777			
DEPRECIATION FACTOR #1	.6	.6	.6			
YEARS OWNED	6	6	6			
REPAIR COEFFICIENT #2	1.4	1.4	1.4			
DEPRECIATION FACTOR #2	.885	.885	.885			
CAPACITY (DEF.,CALC.)	D	D	D	D	D	D
FUEL USE (DEF.,CALC.)	C	C	C	D	D	D
R & M CALC. (#1,#2)	2	2	2	1	1	1
LEASE CALC. (HOUR, YEAR)						

DESCRIPTION	EQUIPMENT
FIRST NAME	TACK
QUALIFYING NAME	
HORSEPOWER RATING (HP)	
USEFUL LIFE (HR OR MI)	10
FUEL TYPE	
REMAINING LIFE (HR OR MI)	10
FUEL CON. (UNIT/HR OR /MI)	
ANNUAL USE (HR OR MI)	1
SPEED (MI/H)	
WIDTH (FT)	
FIELD EFFICIENCY (%)	
CAPACITY (AC/HR)	
POWER UNIT MULTIPLIER	
LABOR MULTIPLIER	
CURRENT LIST PRICE (\$)	500
SALVAGE VALUE (%)	10
CURRENT MARKET VALUE (\$)	500
LEASE PAYMENT (\$)	
ANNUAL LICENSE & TAX (\$)	
ANNUAL INSURANCE (\$)	
ON FARM HIRED LABOR (HR)	
OFF FARM PARTS & LABOR (\$)	5.00
ON FARM OWNER LABOR (HR)	
ANNUAL USE BASE (HR OR MI)	1
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)	

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OPERATING INPUT RESOURCES
 April 23, 1987

Operating Input	Price per Unit	Unit of Measure	Cash Flow Row
=====	=====	=====	=====
BEEHIVE RENT	15	acre	52
BORON	10.05	acre	44
COTTONSEED CAKE	.11	lb.	47
DEFOLIANT	11.5	acre	45
FED. CROP INS.* COTTON	14.45	acre	54
FED. CROP INS.* FPEANUT	14.50	acre	54
FED. CROP INS.* SORGHUMD	3.30	acre	54
FED. CROP INS.* SORGHUMI	2.35	acre	54
FED. CROP INS.* SOYBEAN	6.50	acre	54
FED. CROP INS.* SPEANUT	24.00	acre	54
FED. CROP INS.* WHEATD	2.35	acre	54
FED. CROP INS.* WHEATI	2.15	acre	54
FUNGICIDE BEET	7	acre	45
FUNGICIDE CABBAGE	10.00	appl	45
FUNGICIDE CANT.	10.00	appl	45
FUNGICIDE CARROT	10.00	appl	45
FUNGICIDE CUCUMBER	10.00	acre	45
FUNGICIDE DTRT	11	lb.	45
FUNGICIDE LETTUCE	5.40	appl	45
FUNGICIDE ONION	12.00	appl	45
FUNGICIDE PEANUT	7.70	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
GIN, BAG, TIES	48.50	bale	55
GROWTH RETARDANT	14	appl	45
HAIL INSURANCE* CORN	10.00	acre	54
HAIL INSURANCE* COTTONLS	17.00	acre	54
HAIL INSURANCE* COTTONSS	10.00	acre	54
HERB. POSTEMERGE PEANUT	9	acre	45
HERB. PRE-EMERGE PEANUT	3.12	acre	45
HERBICIDE CABBAGE	8.50	acre	45
HERBICIDE CANT.	12.00	acre	45
HERBICIDE CARROT	15.00	acre	45
HERBICIDE CORN	15.00	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	20.00	qt.	45
HERBICIDE SORGHUM	10.00	acre	45
HERBICIDE SOYBEAN	4.00	acre	45
HERBICIDE SP.B	27.00	acre	45
HERBICIDE SPINACH	25.00	acre	45
HERBICIDE SUNFLOW.	4.00	acre	45
INOCULANT	.50	acre	43
INSECTICIDE CABBAGE	13.00	appl	45
INSECTICIDE CANT.	7.50	appl	45

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.