DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF Units	MEIGHT PER HEAD	CASH NON- CASH	SHARE	BREAK EVEN PROD.	
	PRODUCTION								
					8000000000000	22220		22222	
09/01/86	HADVECT	A	COVREANC	35,0000	.0000	C	25.00	Y	

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT !	NAME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
12/15/05	PREHARVEST	М	DISCING-TANDEM	13 FT.	1.0000			.00
	PREHARVEST	H	SPRAYING	13 F1.	1.0000			.00
,,	PREHARVEST	E	HERBICIDE	SOYBEANS	1.0000	С	٧	.00
	PREHARVEST	M	DISCING-TANDEM	13 FT.	1.0000	·	•	.00
	PREHARVEST	E	PHOSPHATE	13 FI.	60.0000	С	٧	25.00
		E	POTASH		60.0000	Č	v	25.00
	PREHARVEST			•	1.0000	L	٧	-
	PREHARVEST	M	LISTING/BEDDING			•	v	.00
	PREHARVEST	E	SEED	SOYBEAN	37.5000		V	.00
	PREHARVEST	E	INOCULANT	SOYBEANS	1.0000	С	٧	.00
	PREHARVEST	M	PLANTING		1.0000			.00
	PREHARVEST	E	INSECTICIDE	SOYBEANS	1.0000	C	٧	.00
	PREHARVEST	M	SPRAYING		1.0000			.00
04/20/86	PREHARVEST	М	PLANTING		.2000			.00
04/20/86	PREHARVEST	E	SEED	SOYBEAN	7.5000	С	٧	.00
04/30/86	PREHARVEST	E	INSECTICIDE	SOYBEANS	1.0000	С	٧	.00
04/30/86	PREHARVEST	М	SPRAYING		1.0000			.00
06/10/86	PREHARVEST	E	INSECTICIDE	SOYBEANS	1.0000	C	٧	.00
06/10/86	PREHARVEST	М	SPRAYING		1.0000			.00
06/15/86	PREHARVEST	М	CULTIVATING	13 FT	1.0000			.00
06/30/86	PREHARVEST	М	PICKUP TRUCK	3/4 TON	20,0000			.00
09/01/86		Ğ	CUSTOM COMBINI	NG SOYBEANS	1.0000	С	٧	25.00
09/01/86		Ğ	CUSTOM HAULING	SOYBEAN	35.0000	Č	٧	25.00
09/15/86		ĸ	SOYBEANS	HIGH	1.0000	_	F	.00

WHEAT PRODUCTION, TYPICAL MANAGEMENT Northeast Texas District (5) 1986 Projected Costs and Returns per Acre

1986 Projected	Costs and Ret	urns p	er Acre		Your
GROSS INCOME Description DEFICIENCY PMT. WHEAT WHEAT	Quantity 40.000 40.000	Unit ==== bu. bu.	\$ / Unit 1.8300 2.1500	Total 73.20 86.00	Estimate
Total GROSS Income				159.20	
VARIABLE COST Description PREHARVEST	Quantity	Unit	\$ / Unit	Total	
FERTILIZER (N) FERTILIZER (P) FERTILIZER (K) SEED, TREATED	80.000 40.000 40.000 75.000	1b. 1b. 1b. 1b.	.280 .230 .120 .150	22.40 9.20 4.80 11.25	4
INSECTICIDE Fuel & Lube - Machinery Repairs - Machinery	1.000	1b. Acre Acre	6.000	6.00 3.94 1.13	
Labor - Machinery Total PREHARVEST	2.081	Hour	5.500	11.45	
HARVEST CUSTOM COMBINING CUSTOM HAULING	1.000 40.000	acre bu.	20.000 .250	20.00 10.00	
Total HARVEST				30.00	
Interest - OC Borrowed Total VARIABLE COST	46.172	Dol.	0.140	6.46 106.63	
Break-Even Price, Total Variable	Cost \$ C	.83 pe	r bu. of WHEA		
GROSS INCOME minus VARIABLE COST				52.57	
FIXED COST Description Machinery Land		Unit ==== Acre Acre		Total 12.76 22.70	
Total FIXED Cost				35.46	,
Break-Even Price, Total Cost \$	1.72 per bu	i. of W	HEAT		
Total of ALL Cost				142.09	
NET PROJECTED RETURNS				17.11	·

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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT N	AME	NUMBER OF UNITS	H	IGHT PER AD	NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
05/20/86	HARVEST	A	WHEAT		40.0000		.000	о с	25.00	Y
05/20/86	HARVEST	A	DEFICIENCY PMT.	WHEAT	40.0000		.000	0 С	25.00	N
DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NA	HE	NUMBER OF UNITS	CASH NON- CASH	OR VARI.	LANDLORD SHARE		
09/15/85	PREHARVEST	E	FERTILIZER (N)	APPL'D	80.0000	С	V .	25.00		
	PREHARVEST	Ē	FERTILIZER (P)	APPL'D	40.0000	č	v	25.00		
	PREHARVEST	Ē	FERTILIZER (K)	APPL'D	40.0000	č	v	25.00		
	PREHARVEST	M	DISCING	OFFSET	1.0000	•	•	.00		
10/10/85	PREHARVEST	М	DISCING	OFFSET	1.0000			.00		
10/15/85	PREHARVEST	М	DRILLING		1.0000			.00		
10/15/85	PREHARVEST	E	SEED, TREATED	WHEAT	75.0000	С	٧	.00	ı	
11/15/85	PREHARVEST	E	INSECTICIDE	WHEAT	1.0000	С	٧	.00	ı	
11/15/85	PREHARVEST	М	SPRAYING		1.0000			.00		
02/01/86	PREHARVEST	М	PICKUP TRUCK	3/4 TON	21.0000			.00	ı	
05/20/86		G	CUSTOM COMBINING	WHEAT	1.0000	С	٧	25.00	1	
05/20/86	HARVEST	G	CUSTOM HAULING	WHEAT	40.0000	С	٧	25.00	ı	
05/31/86		K	WHEAT	TYPICAL	1.0000	С	F	.00	ı	

WHEAT PRODUCTION, HIGH LEVEL MANAGEMENT Northeast Texas District (5) 1986 Projected Costs and Returns per Acre

1500 110]65164	oosts and ket	.u. 113 p	C1 AC1 C		Your
GROSS INCOME Description DEFICIENCY PMT. WHEAT WHEAT	Quantity 50.000 50.000	Unit sses bu. bu.	\$ / Unit 1.8300 2.1500	Total 91.50 107.50	Estimate
Total GROSS Income				199.00	
VARIABLE COST Description PREHARVEST	Quantity	Unit	\$ / Unit	Total	
FREMARVEST FERTILIZER (N) FERTILIZER (P) FERTILIZER (K) HERBICIDE SEED, TREATED INSECTICIDE Fuel & Lube - Machinery Repairs - Machinery Labor - Machinery Total PREHARVEST Interest - OC Borrowed HARVEST	120.000 80.000 80.000 0.500 75.000 1.000	lb. lb. oz. lb. Acre Acre Hour	.280 .230 .120 15.000 .150 6.000	33.60 18.40 9.60 7.50 11.25 6.00 3.94 1.13 11.45	
CUSTOM COMBINING CUSTOM HAULING Total HARVEST	1.000 50.000	acre bu.	20.000	20.00 12.50 32.50	
Total VARIABLE COST				145.90	
Break-Even Price, Total Variable	Cost \$ 1	.08 pe	r bu. of WHEA	τ	
GROSS INCOME minus VARIABLE COST				53.10	
FIXED COST Description Machinery Land		Unit ==== Acre Acre		Total 12.76 26.22	
Total FIXED Cost				38.98	
Break-Even Price, Total Cost \$	1.86 per bu	i. of W	HE AT		
Total of ALL Cost				184.88	
NET PROJECTED RETURNS				14.12	

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NA	AME	NUMBER OF Units	H	EIGHT PER EAD	NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
06/10/86		A	WHEAT		50.0000		.000	0 C	25.00	Y
06/10/86		Ä		MHEAT	50.0000		.000	-	25.00	N
DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NA	ME	NUMBER OF Units	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE	ı	
0202000			***************************************	200000000		===00	00050	00000000		
	PREHARVEST	M	DISCING	OFFSET	1.0000		.,	.00		
	PREHARVEST	Ē	FERTILIZER (N)	APPL'D	120.0000	_	V.	25.00		
	PREHARVEST	Ē	FERTILIZER (P)	APPL'D	80.0000	_	V	25.00		
	PREHARVEST	E	FERTILIZER (K)	APPL'D	80.0000	-	٧	25.00		
	PREHARVEST	M	DISCING	OFFSET	1.0000			.00		
	PREHARVEST	E	HERBICIDE	WHEAT	.5000	С	٧	.00		
	PREHARVEST	М	DRILLING		1.0000			.00		
	PREHARVEST	E	SEED, TREATED	MHEAT	75.0000		٧	.00		
10/30/85	PREHARVEST	E	INSECTICIDE	KHEAT	1.0000	С	٧	.00		
10/30/85	PREHARVEST	М	SPRAYING		1.0000			.00	l .	
02/01/86	PREHARVEST	М	PICKUP TRUCK	3/4 TON	21.0000			.00	l .	
06/10/86	HARVEST	G	CUSTOM COMBINING	WHEAT	1.0000	С	٧	25.00	1	
06/10/86	HARVEST	G	CUSTOM HAULING	WHEAT	50.0000	С	٧	25.00	1	
06/10/86		K	MHEAT	HIGH	1.0000	С	F	.00	1	

SOUTHERN PEAS

Northeast Texas District (5)
1986 Projected Costs and Returns per Acre

1980 Projected	costs and ket	urns p	er acre		V
GROSS INCOME Description SOUTHERN PEAS	Quantity 80.000	Unit	\$ / Unit 8.0000	Total 640.00	Your Estimate
Total GROSS Income				640.00	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
FERTILIZER (N) FERTILIZER (P) FERTILIZER (K)	18.000 72.000 72.000	1b. 1b. 1b.	. 280 . 230 . 120	5.04 16.56 8.64	
HERBICIDE SEED INSECTICIDE Fuel & Lube - Machinery	1.000 25.000 1.000	acre 1b. acre Acre	8.450 .850 5.250	8.45 21.25 5.25 7.39	
Repairs - Machinery Labor - Machinery	3.688	Acre Hour	5.500	2.31 20.29	
Total PREHARVEST Harvest				95.18	
SACKS HAND HARVEST CUSTOM HAULING HAND HARVEST CUSTOM HAULING SACKS	40.000 40.000 40.000 40.000 40.000	each bu. bu. bu. each	.250 3.000 .550 3.000 .550	10.00 120.00 22.00 120.00 22.00 10.00	
Total HARVEST				304.00	
Interest - OC Borrowed Total VARIABLE COST	24.504	Dol.	0.140	3.43 402.61	
Break-Even Price, Total Variable	Cost \$ 5	.03 pe	r bu. of SOUT	HERN PEAS	
GROSS INCOME minus VARIABLE COST				237.39	
FIXED COST Description Machinery Land		Unit acre Acre		Total 24.45 15.00	
Total FIXED Cost				39.45	
Break-Even Price, Total Cost \$	5.52 per bu	. of S	OUTHERN PEAS		
Total of ALL Cost				442.06	
NET PROJECTED RETURNS				197.94	

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT	NAME	NUMBER OF UNITS	H	EIGHT PER EAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
06/05/86	HARVEST	A	SOUTHERN PEAS		40.0000		.000	0 C	.00	Y
06/15/86	HARVEST	A	SOUTHERN PEAS		40.0000		.000	0 C	.00	Y
		TV05	*****		MARKE		FTVFD	I ANDL OD		
DATE	STAGE	TYPE OF	INPUT	NAME	NUMBER OF	CASH NON-	OR	LANDLORI SHARE	,	
	OF PRODUCTION	INPUT			UNITS	CASH	VARI.	SHARE		
	PRODUCTION					CASH				
07/25/85	PREHARVEST	M	SHREDDING	2 RCW	1.0000			.00)	
	PREHARVEST	H	DISCING-TANDEM	13 FT.	1.0000			.00		
	PREHARVEST	H	DISCING-TANDEM	13 FT.	1.0000			.00		
	PREHARVEST	H	DISCING-TANDEM	13 FT.	1.0000			.00)	
03/15/86	PREHARVEST	E	FERTILIZER (N)	APPL'D	18.0000	С	٧	.00)	
03/15/86	PREHARVEST	Ε	FERTILIZER (P)	APPL'D	72.0000	С	٧	.00)	
03/15/86	PREHARVEST	E	FERTILIZER (K)	APPL'D	72.0000	C	٧	.00)	
04/05/86	PREHARVEST	M	HARROWING		1.0000			.00)	
04/10/86	PREHARVEST	E	HERBICIDE	SO. PEAS	1.0000	C	٧	.00)	
04/10/86	PREHARVEST	M	SPRAYING		1.0000			.00)	
04/15/86	PREHARVEST	E	SEED	SO. PEAS	25.0000	С	٧	.00)	
04/15/86	PREHARVEST	М	PLANTING		1.0000			.00)	
04/30/86	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00)	
05/15/86	PREHARVEST	Ε	INSECTICIDE	SO. PEAS	1.0000	С	٧	.00)	
05/15/86	PREHARVEST	М	SPRAYING		1.0000			.00		
06/01/86	PREHARVEST	М	CULTIVATING	13 FT	1.0000			.00)	
06/04/86		E	SACKS		40.0000	С	٧	.00		
06/05/86	HARVEST	G	HAND HARVEST	SO. PEAS	40.0000	С	٧	.00		
06/05/86		G	CUSTOM HAULING		40.0000	С	٧	.00		
06/15/86		G	HAND HARVEST	SO. PEAS	40.0000	С	٧	.00		
06/15/86		G	CUSTOM HAULING	SO. PEAS	40.0000	C	٧	.00		
06/15/86	HARVEST	Ε	SACKS		40.0000	С	Y	.00		
06/15/86		K	LAND CHARGE	CROPS	1.0000		F	.00)	

COASTAL BERMUDAGRASS PASTURE
Northeast Texas District (5)
1986 Projected Costs and Returns per Acre

1000 11030000	ood to and not	.u. 115 p	C. AUIC		Your
GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Estimate
	========	====		8888888888	=======
-WARNING- No gross receipts					
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
=======================================		====		0000000000	
LIME	0.250	ton	27.000	6.75	
HERBICIDE	1.000	acre	5.500	5.50	
FERTILIZER (N)	21.000	1b.	. 280	5.88	
FERTILIZER (P)	8.000	1b.	. 230	1.84	
FERTILIZER (K)	17.000	1b.	. 120	2.04	
Fuel & Lube - Machinery		Acre		1.31	
Repairs - Machinery		Acre		0.30	
Labor - Machinery	0.916		5.500	5.04	
Interest - OC Borrowed	14.809	Dol.	0.140	2.07	
T-1-1 WIRTHE - 000				*********	
Total VARIABLE COST				30.73	
GROSS INCOME minus VARIABLE COST				-30.73	
				•	
FIXED COST Description		Unit		Total	
		====			
Machinery		Acre		6.16	
Land		Acre		15.00	
Perennial Crop		Acre		12.02	
Total FIXED Cost				33.17	
Total of ALL Cost				63.91	
NET PROJECTED RETURNS				-63.91	

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

-WARNING- NO VALID RECEIPTS RECORDS

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NA	AME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
URCOODUO	00000000000000000		**************			88888	00080	
01/15/86		E	LIME		. 2500	С	٧	.00
03/15/86		E	HERBICIDE	PASTURE	1.0000	С	٧	.00
04/15/86		E	FERTILIZER (N)	APPL'D	21.0000	С	٧	.00
04/15/86		E	FERTILIZER (P)	APPL'D	8.0000	С	٧	.00
04/15/86		E	FERTILIZER (K)	APPL'D	17.0000	C	٧	.00
06/15/86		M	PICKUP TRUCK	3/4 TON	10.0000			.00
07/10/86		М	SHREDDING	2 ROW	1.0000			.00
09/30/86		K	LAND CHARGE	FORAGE	1.0000	С	F	.00
09/30/86		L	COASTAL BERMUDA		1.0000		F	.00

COASTAL BERMUDAGRASS-CLOVER Northeast Texas District (5) 1986 Projected Costs and Returns per Acre

1900 Projected	COSTS AND RET	urns p	er acre		Your
GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Estimate
-WARNING- No gross receipts VARIABLE COST Description FERTILIZER (P) FERTILIZER (K) LIME FERTILIZER (N) Fuel & Lube - Machinery Repairs - Machinery Labor - Machinery Interest - OC Borrowed	Quantity 60.000 60.000 0.250 65.000 0.916 37.490	Unit ==== 1b. 1b. ton 1b. Acre Acre Hour Dol.	\$ / Unit .230 .120 27.000 .280 5.500 0.140	Total 13.80 7.20 6.75 18.20 1.31 0.30 5.04	
Total VARIABLE COST				57.85	
GROSS INCOME minus VARIABLE COST				-57.85	
FIXED COST Description Machinery Land Perennial Crop		Unit ==== Acre Acre Acre		Total 6.16 15.00 13.02	
Total FIXED Cost				34.17	
Total of ALL Cost				92.02	
NET PROJECTED RETURNS				-92.02	

DATE	STAGE	TYPE	PRODUCT	NAME	NUMBER	WEIGHT	CASH	LANDLORD	BREAK
	OF	OF			OF	PER	NON-	SHARE	EVEN
	PRODUCTION	PROD.			UNITS	HEAD	CASH		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
88208868	200000000000000000	20022	000000000000000000000000000000000000000			83988		
09/10/85		М	SHREDDING	2 ROH	1.0000			.00
10/15/85		E	FERTILIZER (P)	APPL'D	60.0000	С	٧	.00
10/15/85		E	FERTILIZER (K)	APPL'D	60.0000	С	٧	.00
01/15/86		E	LIME		.2500	С	٧	.00
03/15/86		M	PICKUP TRUCK	3/4 TON	10.0000			.00
04/15/86		E	FERTILIZER (N)	APPL'D	65.0000	С	٧	.00
08/31/86		K	LAND CHARGE	FORAGE	1.0000	C	F	.00
08/31/86		L	BERMUDA-CLOVER	l	1.0000		F	.00

SMALL GRAINS PASTURE Northeast Texas District (5) 1986 Projected Costs and Returns per Acre

1986 Projected	Costs and Ret	urns p	er Acre		Your
GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Estimate
=======================================		====	=========		000000000
-WARNING- No gross receipts					
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
=======================================					
LIME	0.330	ton	27.000	8.91	
FERTILIZER (N)	110.000	1b.	. 280	30.80	
FERTILIZER (P)	60.000	1b.	. 230	13.80	
FERTILIZER (K)	60.000	1b.	. 120	7.20	
SEED, SMALLGRAIN	100.000	1b.	. 180	18.00	· ·
SEED, RYEGRASS	20.000	1b.	. 230	4.60	
CUSTOM PLANTING	1.000	acre	3.000	3.00	
INSECTICIDE	1.000	lb.	3.100	3.10	
FERTILIZER (N)	90.000	1b.	. 280	25.20	
Fuel & Lube - Machinery		Acre		2.76	
Repairs - Machinery		Acre		0.71	
Labor - Machinery	1.579	Hour	5.500	8.68	
Interest - OC Borrowed	80.491	Dol.	0.140	11.27	
Total VARIABLE COST				138.04	
GROSS INCOME minus VARIABLE COST				-138.04	
FIXED COST Description		Unit		Total	
		====		=======================================	
Machinery		Acre		8.79	
Land		Acre		15.00	
Edila		7010		2222222222	
Total FIXED Cost				23.79	
				20.75	
Total of ALL Cost				161.83	
NET PROJECTED RETURNS				-161.83	
THE PROPERTY OF THE PARTY OF TH				101.00	

DATE	STAGE	TYPE	PRODUCT	NAME	NUMBER	HEIGHT	CASH	LANDLORD	BREAK
	0F	OF			OF	PER	NON-	SHARE	EVEN
	PRODUCTION	PROD.			UNITS	HEAD	CASH		PROD.

-WARNING- NO VALID RECEIPTS RECORDS

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NA		NUMBER OF UNITS	CASH NON- CASH	OR VARI.	SHARE
00000000		20000			1 0000			00000000
08/15/85		M	DISCING	OFFSET	1.0000			.00
09/09/85		E	LIME		.3300	C	٧	.00
09/10/85		M	DISCING-TANDEM	8 FT	1.0000			.00
09/15/85		E	FERTILIZER (N)	APPL'D	110.0000	С	٧	.00
09/15/85		E	FERTILIZER (P)	APPL'D	60.0000	С	٧	.00
09/15/85		E	FERTILIZER (K)	APPL'D	60.0000	С	٧	.00
09/20/85		E	SEED, SMALLGRAIN		100.0000	С	٧	.00
09/20/85		Ε	SEED, RYEGRASS		20.0000	С	٧	.00
09/20/85		G	CUSTOM PLANTING	SM.GRAIN	1.0000	C	٧	.00
09/30/85		E	INSECTICIDE	SM.GRAIN	1.0000	С	٧	.00
09/30/85		M	SPRAYING	PASTURE	1.0000			.00
01/15/86		M	PICKUP TRUCK	3/4 TON	21.0000			.00
02/15/86		Ε	FERTILIZER (N)	APPL'D	90.0000	С	٧	.00
05/31/86		K	LAND CHARGE	FORAGE	1.0000	С	F	.00

YUCHI CLOVER ESTABLISHMENT Northeast Texas District (5) 1986 Projected Costs and Returns per Acre

1986 Projected	costs and ket	urns p	er Acre		Your
GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Estimate
-WARNING- No gross receipts VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
FERTILIZER (N) FERTILIZER (P) FERTILIZER (K) LIME SEED INOCULANT Fuel & Lube - Machinery Repairs - Machinery Labor - Machinery Interest - OC Borrowed	18.000 72.000 72.000 0.330 8.000 1.000	1b. 1b. 1b. ton 1b. acre Acre	.280 .230 .120 27.000 1.100 1.200 5.501 0.140	5.04 16.56 8.64 8.91 8.80 1.20 2.29 0.51 8.33 8.19	
Total VARIABLE COST				68.47	
GROSS INCOME minus VARIABLE COST				-68.47	
FIXED COST Description Machinery Land		Unit ==== Acre Acre		Total 9.34 15.00	
Total FIXED Cost				24.34	
Total of ALL Cost				92.81	
NET PROJECTED RETURNS				-92.81	

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

-WARNING- NO VALID RECEIPTS RECORDS

DATE	STAGE OF Production	TYPE OF INPUT	INPUT N	AME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	SHARE
		=====					88880	*********
09/15/85		M	SHREDDING	2 ROW	1.0000			.00
10/10/85		E	FERTILIZER (N)	APPL'D	18.0000	С	٧	.00
10/10/85		E	FERTILIZER (P)	APPL'D	72.0000	С	٧	.00
10/10/85		E	FERTILIZER (K)	APPL'D	72.0000	С	٧	.00
10/10/85		Ε	LIME		.3300	С	٧	.00
10/10/85		M	DISCING-TANDEM	8 FT	1.0000			.00
10/15/85		M	SEEDING	BRDCAST	1.0000			.00
10/15/85		E	SEED	YUCHI	8.0000	С	٧	.00
10/15/85		E	INCCULANT	YUCHI	1.0000	С	٧	.00
10/15/85		M	PICKUP TRUCK	3/4 TON	10.0000			.00
08/31/86		K	LAND CHARGE	FORAGE	1.0000	С	F	.00

419.59

Projections for Planning Purposes Only Not to be Used without Updating after April 25, 1986.

CHRISTMAS TREE PRODUCTION (WHOLESALE) East Texas District (5&9) 1986 Projected Costs and Returns per Acre

GROSS INCOME Description Quantity \$ / Unit Unit Total **Estimate** ------==== -----------------======= TREES WHLSLE 630.000 EACH 8.5000 5355.00 ========= Total GROSS Income 5355.00 VARIABLE COST Description Quantity Unit \$ / Unit Total **ESTABLISHMENT SEEDLINGS** 900.000 each .060 54.00 PHEREMONE TRAP PHEREMONE TRAP HERB, POST-EMERGE 2.000 each 3.000 6.00 2.000 3.000 6.00 each 0.330 90.000 ga 1 29.70 INSECTICIDE 0.250 ĩb. 8.500 2.12 PHEREMONE TRAP 2.000 each 3.000 6.00 INSECTICIDE 0.250 8.500 1b. HERB, POST-EMERGE ga 1 90.000 0.330 29.70 INSECTICIDE 0.250 8.500 Ĭb. 2.12 PHEREMONE TRAP 2.000 3.000 6.00 each INSECTICIDE 0.500 8.500 1b. 4.25 PHEREMONE TRAP 2.000 each 3.000 6.00 POISON GRAIN 1.500 lb. .650 0.97 INSECTICIDE 8.500 0.500 1b. Fuel & Lube - Machinery Repairs - Machinery Acre 6.08 Acre - Machinery 3.289 5.501 18.09 Labor Hour - Other 32.200 4.762 Hour 153.34 Total ESTABLISHMENT 338.09 SECOND YEAR POISON GRAIN 1.500 1b. . 650 0.97 PHEREMONE TRAP HERB, POST-EMERGE 2.000 3.000 each 6.00 0.330 gal 90.000 29.70 INSECTICIDE 0.500 8.500 4.25 Īb. HERB, PRE-EMERGE 1.000 13.000 13.00 1b. PHEREMONE TRAP 2.000 each 3.000 6.00 INSECTICIDE 0.500 8.500 4.25 PHEREMONE TRAP 2.000 3.000 6.00 each INSECTICIDE 0.500 1b. 8.500 4.25 HERB, POST-EMERGE 0.330 90.000 29.70 ga 1 INSECTICIDE 0.500 ĭb. 8.500 4.25 HERB, PRE-EMERGE PHEREMONE TRAP 1.000 13.000 13.00 1b. 2.000 each 3.000 INSECTICIDE 0.500 1b. 8.500 4.25 PHEREMONE TRAP 2.000 each 3.000 6.00 INSECTICIDE 8.500 4.25 0.500 1b. Acre Fuel & Lube - Machinery 10.86 - Machinery - Machinery 2.50 Repairs Acre 7.517 5.500 41.35 Hour - Other 28.200 4.931 139.06 Hour Total SECOND YEAR THIRD YEAR POISON GRAIN 335.64 1.500 1b. . 650 0.97 PHEREMONE TRAP HERB, POST-EMERGE 6.00 29.70 2.000 each 3.000 0.330 90.000 gal INSECTICIDE 0.750 Ĭb. 8.500 6.37 HERB, PRE-EMERGE PHEREMONE TRAP 1.000 lb. 13.000 13.00 2.000 each 3.000 6.00 INSECTICIDE 0.750 1b. 8.500 6.37 PHEREMONE TRAP 2.000 each 3.000 6.00 INSECTICIDE 0.750 8.500 6.37 1b. HERB, POST-EMERGE 0.330 90.000 29.70 gal INSECTICIDE 0.750 Ĭb. 8.500 6.37 HERB, PRE-EMERGE PHEREMONE TRAP INSECTICIDE 1.000 13.000 13.00 1b. 2.000 each 3.000 6.00 0.750 1b. 8.500 6.37 PHEREMONE TRAP 2.000 3.000 each INSECTICIDE 8.500 6.37 1b. Fuel & Lube - Machinery Acre 11.59 - Machinery Repairs Acre 2.70 - Machinery 8.021 5.500 44.12 Labor Hour - Other 41.700 Hour 4.953 206.56

Total THIRD YEAR

VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
22222222222222222222222222222	2222222222	8888		222222222	
FOURTH YEAR POISON GRAIN	1.500	1b.	.650	0.97	
PHEREMONE TRAP	2.000	each	3.000	6.00	
HERB, POST-EMERGE	0.330	ga 1	90.000	29.70	
INSECTICIDE HERB. PRE-EMERGE	1.250 1.000	1b. 1b.	8.500 13.000	10.62 13.00	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	1.250	lb.	8.500	10.62	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE HERB,POST-EMERGE	1.250 0.330	lb. gal	8.500 90.000	10.62 29.70	
INSECTICIDE	1.250	lb.	8.500	10.62	
HERB, PRE-EMERGE	1.000	1b.	13.000	13.00	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE PHEREMONE TRAP	1.250 2.000	lb. each	8.500 3.000	10.62 6.00	
INSECTICIDE	1.250	1b.	8.500	10.62	•
Fuel & Lube - Machinery		Acre		10.86	
Repairs - Machinery	7 7 4 7	Acre	F 500	2.50	
Labor - Machinery - Other	7.517 51.500	Hour Hour	5.500 4.962	41.35 255.52	
O CHer	31.300	i ioui	4.502		
Total FOURTH YEAR				490.35	
HARVEST	6 000	1	9.950	59.70	
COLORING NETTING	6.000 630.000	gal tree	.300	189.00	
ADVERTISING	630.000	tree	.500	315.00	
Labor - Other	28.000	Hour	4.634	129.75	
Total HARVEST				693.45	
TOTAL MARVEST					
Interest - OC Borrowed	3192.917	Dol.	0.140	447.01	
Interest - Positive Cash	-200.996	Dol.	0.000	0.00	
Total VARIABLE COST				2724.13	
Break-Even Price, Total Variable	Cost \$ 4	.32 pe	r EACH of TRE	ES	
GROSS INCOME minus VARIABLE COST				2630.87	
FIXED COST Description		Unit		Total	
		2222		10tai	
Machinery		Acre		257.98	
Land		Acre		60.00	
Total FIXED Cost				317.98	
				017.50	
Break-Even Price, Total Cost \$	4.82 per EA	CH Of	IKEES		
Total of ALL Cost				3042.11	
NET PROJECTED RETURNS				2312.89	

DATE	STAGE OF	TYPE OF	PRODUCT NA	AME	NUMBER OF	i	EIGHT PER	NON-	LANDLORD Share	EVEN
11/30/89	PRODUCTION HARVEST	PROD.	TREES	WHLSLE	<u>UNITS</u> 630.0000		.0000	CASH C	.00	PROD. Y
DATE	STAGE OF	TYPE OF	INPUT NAM		NUMBER OF	CASH NON-		ANDLORD SHARE		•
20/10/06	PRODUCTION	INDAI		 -	UNITS	CASH	YARI.			
	ESTABLISHMENT ESTABLISHMENT	E H	SEEDLINGS PLANTING LABOR	C. TREE	900.0000 10.0000	C	V	.00		
	ESTABLISHMENT	Ë	PHEREMONE TRAP	C. IKEL	2.0000	Č	Ÿ	.00		
	ESTABLISHMENT	М	DISCING-TANDEM	8 FT	1.0000			.00		
	ESTABLISHMENT ESTABLISHMENT	E H	PHEREMONE TRAP CHEMICAL APPL.	C. TREE	2.0000 6.5000	C C	V V	.00		
	ESTABLISHMENT	Ë	HERB. POST-EMERGE		.3300	C	v	.00		
05/15/86	ESTABLISHMENT	М	DISCING-TANDEM	8 FT	1.0000			.00		
	ESTABLISHMENT ESTABLISHMENT	E H	INSECTICIDE	C. TREE	.2500	C	V V	.00		
	ESTABLISHMENT	H	CHEMICAL APPL. DISCING-TANDEM	C. TREE 8 FT	1.0000	С	٧	.00 .00		
06/15/86	ESTABLISHMENT	E	PHEREMONE TRAP		2.0000	С	٧	.00		
	ESTABLISHMENT	E	INSECTICIDE	C. TREE	.2500	C	V	.00		
	ESTABLISHMENT ESTABLISHMENT	H	CHEMICAL APPL. HERB, POST-EMERGE	C. TREE	1.0000	C	V V	.00		
	ESTABLISHMENT	Ĥ	CHEMICAL APPL.	C. TREE	6.5000	č	Ý	.00		
	ESTABLISHMENT	H	DISCING-TANDEM	8 FT	1.0000	_		.00		
	ESTABLISHMENT ESTABLISHMENT	E H	INSECTICIDE CHEMICAL APPL.	C. TREE	.2500 1.8000	C	V V	.00		
	ESTABLISHMENT	Ë	PHEREMONE TRAP	O. INLL	2.0000	č	Ÿ	.00		
	ESTABLISHMENT	M	DISCING-TANDEM	8 FT	1.0000	_		.00		
	ESTABLISHMENT ESTABLISHMENT	E	INSECTICIDE CHEMICAL APPL.	C. TREE	.5000 2.7000	C	V	.00		
	ESTABLISHMENT	Ж	DISCING	OFFSET	1.0000	C	•	.00		
	ESTABLISHMENT	M	DISCING-TANDEM	8 FT	1.0000			.00		
	ESTABLISHMENT ESTABLISHMENT	H E	DISCING-TANDEM PHEREMONE TRAP	8 FT	1.0000	_	v	.00		
	ESTABLISHMENT	M	GOPHER POISONING		2.0000 1.0000	С	٧	.00		
	ESTABLISHMENT	Ε	POISON GRAIN		1.5000	С	٧	.00		
	ESTABLISHMENT	E	INSECTICIDE	C. TREE	.5000	C	V	.00		
	ESTABLISHMENT ESTABLISHMENT	H	CHEMICAL APPL. DISCING-TANDEM	C. TREE 8 FT	2.7000 1.0000	С	٧	.00		
	ESTABLISHMENT	ĸ	LAND CHARGE	FORAGE	1.0000	С	F	.00		
	SECOND YEAR	M	GOPHER POISONING		1.0000	_		.00		
	SECOND YEAR SECOND YEAR	E E	POISON GRAIN PHEREMONE TRAP		1.5000 2.0000	C	V V	.00		
	SECOND YEAR	Ĕ	HERB, POST-EMERGE	C. TREE	.3300	Č	Ÿ	.00		
	SECOND YEAR	М	SPRAYING	C. TREE	1.0000			.00		
	SECOND YEAR SECOND YEAR	M E	SHREDDING INSECTICIDE	2 ROW C. TREE	1.0000 .5000	С	٧	.00		
	SECOND YEAR	Ĥ	CHEMICAL APPL.	C. TREE	2.7000	č	Ÿ	.00		
	SECOND YEAR		HERB, PRE-EMERGE		1.0000	С	٧	.00		
	SECOND YEAR SECOND YEAR	M E	SPRAYING PHEREMONE TRAP	C. TREE	1.0000 2.0000	С	٧	.00		
	SECOND YEAR	M	SHREDDING	2 ROW	1.0000	·	•	.00		
	SECOND YEAR	E	INSECTICIDE	C. TREE	.5000	C	V	.00		
	SECOND YEAR SECOND YEAR	H	CHEMICAL APPL. SPRAYING	C. TREE	2.7000 1.0000	С	٧	.00 .00		
06/15/87	SECOND YEAR SECOND YEAR	Ж	SHREDDING	2 ROH	1.0000			.00		
06/15/87	SECOND YEAR	E	PHEREMONE TRAP		2.0000	C	V	.00		
06/20/87	SECOND YEAR	E	INSECTICIDE CHEMICAL APPL.	C. TREE	.5000 2.7000	C C	V	.00		
06/20/87	SECOND YEAR SECOND YEAR SECOND YEAR	Ж	SPRAYING	C. TREE	1.0000	•	•	.00		
07/10/87	SECOND YEAR SECOND YEAR SECOND YEAR	E	HERB, POST-EMERGE		.3300	С	٧	.00		
01/10/87 07/16/87	SECOND YEAR	M M	SPRAYING SHREDDING	C. TREE 2 ROW	1.0000			.00		
07/20/87	SECOND YEAR	Ë	INSECTICIDE	C. TREE	.5000	С	V	.00		
07/20/87	SECOND YEAR SECOND YEAR SECOND YEAR	H	CHEMICAL APPL.	C. TREE	2.7000	С	V	.00		
07/20/87 07/26/87	SECOND YEAR	E H		C. TREE	1.0000 12.0000	C C	V V	.00		
08/01/87	SECOND YEAR SECOND YEAR SECOND YEAR	Ë	PHEREMONE TRAP		2.0000	Č	v	.00		
08/15/87	SECOND YEAR	H	SHREDDING	2 ROW	1.0000		-	.00		
08/20/87	SECOND YEAR	E H		C. TREE	.5000	C	V V	.00		
08/20/87	SECOND YEAR SECOND YEAR SECOND YEAR	M	CHEMICAL APPL. SPRAYING	C. TREE	2.7000 1.0000	С	•	.00		
09/15/87	SECOND YEAR	Ä	SHREDDING	2 RCW	1.0000	_		.00		
09/15/87 09/20/27	SECOND YEAR SECOND YEAR SECOND YEAR	E	PHEREMONE TRAP INSECTICIDE	C TOFF	2.0000 .5000	C	V V	.00		
09/20/87	SECOND YEAR	H	CHEMICAL APPL.	C. TREE	2.7000	C	v	.00		
09/20/87	SECOND YEAR SECOND YEAR SECOND YEAR	М	SPRAYING	C. TREE	1.0000	-	•	.00		
10/15/87	SECOND YEAR	М	SHREDDING DISCING-TANDEM	2 ROW	1.0000 .1200			.00		
11/30/87	SECOND YEAR	K	LAND CHARGE	FORAGE	1.0000	С	F	.00		
02/15/88	THIRD YEAR	M	GOPHER POISONING		1.0000			.00)	
02/15/88	THIRD YEAR	E	DISCING-TANDEM LAND CHARGE GOPHER POISONING POISON GRAIN PHEREMONE TRAP HERB, POST-EMERGE		1.5000	C	V V	.00		
04/10/88	THIRD YEAR	E	HERB, POST-EMERGE	C. TREE	2.0000 .3300	C	v	.00		
		_	,		,,,,,,	-	•			

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		DC DCCG W/ C//C	our opaci		~ P ·	20,	
04/10/88 THIRD YEAR	м	SPRAYING	C. TREE	1.0000			.00
04/15/88 THIRD YEAR		SHREDDING	2 RON	1.0000			.00
04/20/88 THIRD YEAR		INSECTICIDE	C. TREE	.7500	С	٧	.00
04/20/88 THIRD YEAR		CHEMICAL APPL.	C. TREE	2.7000	č	Ý	.00
04/20/88 THIRD YEAR		HERB, PRE-EMERGE		1.0000	č	Ý	.00
04/20/88 THIRD YEAR		SPRAYING	C. TREE	1.0000	•	•	.00
04/25/88 THIRD YEAR	H	SHEARING LABOR	•• ••••	10.2500	С	٧	.00
05/01/88 THIRD YEAR		PHEREMONE TRAP		2.0000	č	Ÿ	.00
05/15/88 THIRD YEAR		SHREDDING	2 ROM	1.0000	·	•	.00
05/20/88 THIRD YEAR		INSECTICIDE	C. TREE	.7500	С	٧	.00
05/20/88 THIRD YEAR		CHEMICAL APPL.	C. TREE	2.7000	Č	Ÿ	.00
05/20/88 THIRD YEAR			C. TREE	1.0000	C	•	.00
		SPRAYING					
06/15/88 THIRD YEAR		SHREDDING	2 RCM	1.0000	_	٧	.00
06/15/88 THIRD YEAR		PHEREMONE TRAP		2.0000	C		.00
06/20/88 THIRD YEAR		INSECTICIDE	C. TREE	.7500	C	V	.00
06/20/88 THIRD YEAR		CHEMICAL APPL.	C. TREE	2.7000	С	٧	.00
06/20/88 THIRD YEAR		SPRAYING	C. TREE	1.0000	_		.00
07/10/88 THIRD YEAR		HERB, POST-EMERGE		.3300	С	V	.00
07/10/88 THIRD YEAR	M	SPRAYING	C. TREE	1.0000			.00
07/15/88 THIRD YEAR	M	SHREDDING	2 ROW	1.0000	_		.00
07/20/88 THIRD YEAR		INSECTICIDE	C. TREE	.7500	C	V	.00
07/20/88 THIRD YEAR		CHEMICAL APPL.	C. TREE	2.7000	C	V	.00
07/20/88 THIRD YEAR		HERB, PRE-EMERGE		1.0000	C	٧	.00
07/20/88 THIRD YEAR		SPRAYING	C. TREE	1.0000	_		.00
07/25/88 THIRD YEAR	H	SHEARING LABOR		15.2500	C	V	.00
08/01/88 THIRD YEAR		PHEREMONE TRAP		2.0000	С	٧	.00
08/15/88 THIRD YEAR		SHREDDING	2 ROW	1.0000	_		.00
08/20/88 THIRD YEAR		INSECTICIDE	C. TREE	.7500	С	V	.00
08/20/88 THIRD YEAR		CHEMICAL APPL.	C. TREE	2.7000	C	٧	.00
08/20/88 THIRD YEAR		SPRAYING	C. TREE	1.0000			.00
09/15/88 THIRD YEAR	М	SHREDDING	2 ROW	1.0000			.00
09/15/88 THIRD YEAR		PHEREMONE TRAP		2.0000	С	V	.00
09/20/88 THIRD YEAR	E	INSECTICIDE	C. TREE	.7500	С	V	.00
09/20/88 THIRD YEAR	н	CHEMICAL APPL.	C. TREE	2.7000	С	٧	.00
09/20/88 THIRD YEAR	М	SPRAYING	C. TREE	1.0000			.00
10/15/88 THIRD YEAR	M	SHREDDING	2 ROW	1.0000			.00
10/20/88 THIRD YEAR	М	DISCING-TANDEM	8 FT	.1200			.00
11/30/88 THIRD YEAR	K	LAND CHARGE	FORAGE	1.0000	С	F	.00
02/15/89 FOURTH YEAR	М	GOPHER POISONING		1.0000			.00
02/15/89 FOURTH YEAR	Ε	POISON GRAIN		1.5000	С	V	.00
03/15/89 FOURTH YEAR	E	PHEREMONE TRAP		2.0000	C	V	.00
04/10/89 FOURTH YEAR	E	HERB, POST-EMERGE	C. TREE	.3300	С	٧	.00
04/10/89 FOURTH YEAR	М	SPRAYING	C. TREE	1.0000			.00
04/15/89 FOURTH YEAR	M	SHREDDING	2 ROW	1.0000	С	V	.00
04/20/89 FOURTH YEAR	E	INSECTICIDE	C. TREE	1.2500	C	V	.00
04/20/89 FOURTH YEAR	H	CHEMICAL APPL.	C. TREE	2.7500	С	٧	.00
04/20/89 FOURTH YEAR	Ε	HERB, PRE-EMERGE	C. TREE	1.0000	С	V	.00
04/20/89 FOURTH YEAR	M	SPRAYING	C. TREE	1.0000			.00
04/25/89 FOURTH YEAR	H	SHEARING LABOR		20.0000	С	٧	.00
05/01/89 FOURTH YEAR	E	PHEREMONE TRAP		2.0000	C	٧	.00
05/15/89 FOURTH YEAR	M	SHREDDING	2 ROH	1.0000	С	٧	.00
05/20/89 FCURTH YEAR	E	INSECTICIDE	C. TREE	1.2500	C	٧	.00
05/20/89 FCURTH YEAR	н	CHEMICAL APPL.	C. TREE	2.7500	C	٧	.00
05/20/89 FOURTH YEAR	М	SPRAYING	C. TREE	1.0000			.00
06/15/89 FOURTH YEAR	М	SHREDDING	2 ROW	1.0000	С	٧	.00
06/15/89 FOURTH YEAR	E	PHEREMONE TRAP		2.0000	C	٧	.00
06/20/89 FOURTH YEAR	E	INSECTICIDE	C. TREE	1.2500	С	٧	.00
06/20/89 FOURTH YEAR	Н	CHEMICAL APPL.	C. TREE	2.7500	C	٧	.00
06/20/89 FOURTH YEAR	М	SPRAYING	C. TREE	1.0000			.00
07/10/89 FOURTH YEAR	E	HERB, POST-EMERGE	C. TREE	.3300	С	٧	.00
07/10/89 FOURTH YEAR	Ň	SPRAYING	C. TREE	1.0000			.00
07/15/89 FOURTH YEAR	Ä	SHREDDING	2 ROW	1.0000	C	٧	.00
07/20/89 FOURTH YEAR	Ë	INSECTICIDE	C. TREE	1.2500	C	Ÿ	.00
07/20/89 FOURTH YEAR	н	CHEMICAL APPL.	C. TREE	2.7500	С	٧	.00
07/20/89 FOURTH YEAR	E	HERB, PRE-EMERGE	C. TREE	1.0000	С	٧	.00
07/25/89 FOURTH YEAR	Н	SHEARING LABOR		15.0000	С	٧	.00
08/01/89 FOURTH YEAR	E	PHEREMONE TRAP		2.0000	С	٧	.00
08/15/89 FOURTH YEAR	М	SHREDDING	2 ROW	1.0000	С	٧	.00
08/20/89 FOURTH YEAR	E	INSECTICIDE	C. TREE	1.2500	C	٧	.00
08/20/89 FOURTH YEAR	н	CHEMICAL APPL.	C. TREE	2.7500	С	٧	.00
08/20/89 FOURTH YEAR	M	SPRAYING	C. TREE	1.0000			.00
09/15/89 FOURTH YEAR	М	SHREDDING	2 ROW	1.0000	C	٧	.00
09/15/89 FOURTH YEAR	E	PHEREMONE TRAP		2.0000	C	٧	.00
09/20/89 FOURTH YEAR	E	INSECTICIDE	C. TREE	1.2500	C	٧	.00
09/20/89 FOURTH YEAR	Н	CHEMICAL APPL.	C. TREE	2.7500	C	٧	.00
09/20/89 FOURTH YEAR	M	SPRAYING	C. TREE	1.0000			.00
10/15/89 FOURTH YEAR	M	SHREDDING	2 ROH	1.0000	C	٧	.00
10/20/89 FOURTH YEAR	М	DISCING-TANDEM	8 FT	.1200			.00
11/15/89 HARVEST	E	COLORING		6.0000	C	٧	.00
11/15/89 HARVEST	н	COLORING LABOR		6.0000	С	٧	.00
11/15/89 HARVEST	E	NETTING		630.0000	C	٧	.00
11/15/89 HARVEST	E	ADVERTISING		630.0000	С	V	.00
11/30/89 FOURTH YEAR	K	LAND CHARGE	FORAGE	1.0000	C	F	.00
11/30/89 HARVEST	Н	GRADING LABOR		2.5000	C	٧	.00
11/30/89 HARVEST	Н	HARVEST & LOAD	LABOR	19.5000	С	٧	.00

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CHRISTMAS TREE PRODUCTION (CHOOSE & CUT) East Texas District (5&9) 1986 Projected Costs and Returns per Acre

1986 Projected	Costs and Ret	urns p	er Acre		Voun
GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
		====		20000000000	88888888
TREES	630.000	EACH	15.0000	9450.00	
Total CDOSS Images				0450 00	
Total GROSS Income				9450.00	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
	202222222				
ESTABLISHMENT					
SEEDLINGS	900.000	each	.060	54.00	
PHEREMONE TRAP PHEREMONE TRAP	2.000 2.000	each each	3.000 3.000	6.00 6.00	
HERB, POST-EMERGE	0.330	gal	90.000	29.70	
INSECTICIDE	0.250	ib.	8.500	2.12	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	0.250	lb.	8.500	2.12	
HERB, POST-EMERGE	0.330	gal	90.000	29.70	
INSECTICIDE PHEREMONE TRAP	0.250 2.000	lb. each	8.500 3.000	2.12 6.00	
INSECTICIDE	0.500	1b.	8.500	4.25	
PHEREMONE TRAP	2.000	each	3.000	6.00	
POISON GRAIN	1.500	1b.	. 650	0.97	
INSECTICIDE	0.500	lb.	8.500	4.25	
Fuel & Lube - Machinery		Acre		6.08	
Repairs - Machinery Labor - Machinery	3.289	Acre Hour	5.501	1.33 18.09	
- Other	32.200	Hour	4.762	153.34	
5					
Total ESTABLISHMENT				338.09	
SECOND YEAR POISON GRAIN	4 500	16	650	0.07	
PHEREMONE TRAP	1.500 2.000	lb. each	.650 3.000	0.97 6.00	
HERB, POST-EMERGE	0.330	gal	90.000	29.70	
INSECTICIDE	0.500	îb.	8.500	4.25	
HERB, PRE-EMERGE	1.000	1b.	13.000	13.00	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE Pheremone trap	0.500	1b.	8.500	4.25	
INSECTICIDE	2.000 0.500	each 1b.	3.000 8.500	6.00 4.25	
HERB, POST-EMERGE	0.330	gai	90.000	29.70	
INSECTICIDE	0.500	ĩb.	8.500	4.25	
HERB, PRE-EMERGE	1.000	1b.	13.000	13.00	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE Pheremone trap	0.500 2.000	1b. each	8.500 3.000	4.25 6.00	
INSECTICIDE	0.500	1b.	8.500	4.25	
Fuel & Lube - Machinery		Acre		10.86	
Repairs - Machinery		Acre		2.50	
Labor - Machinery	7.517	Hour	5.500	41.35	
- Other	28.200	Hour	4.931	139.06	
Total SECOND YEAR				335.64	
THIRD YEAR				200.34	
POISON GRAIN	1.500	1b.	. 650	0.97	
PHEREMONE TRAP	2.000	each	3.000	6.00	
HERB,POST-EMERGE INSECTICIDE	0.330 0.750	gal lb.	90.000 8.500	29.70 6.37	
HERB. PRE-EMERGE	1.000	1b.	13.000	13.00	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	0.750	1b.	8.500	6.37	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE HERB,POST-EMERGE	0.750 0.330	lb.	8.500	6.37	
INSECTICIDE	0.330	gal lb.	90.000 8.500	29.70 6.37	
HERB, PRE-EMERGE	1.000	1b.	13.000	13.00	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	0.750	lb.	8.500	6.37	
PHEREMONE TRAP INSECTICIDE	2.000	each	3.000	6.00	
Fuel & Lube - Machinery	0.750	lb. Acre	8.500	6.37 11.59	
Repairs - Machinery		Acre		2.70	
Labor - Machinery	8.021	Hour	5.500	44.12	
- Other	41.700	Hour	4.953	206.56	
Total THIRD VEAD				440.50	
Total THIRD YEAR				419.59	

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VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total					
FOURTH YEAR POISON GRAIN PHEREMONE TRAP HERB, POST-EMERGE INSECTICIDE HERB, PRE-EMERGE PHEREMONE TRAP INSECTICIDE PHEREMONE TRAP INSECTICIDE HERB, POST-EMERGE INSECTICIDE HERB, PRE-EMERGE PHEREMONE TRAP INSECTICIDE HERB, PRE-EMERGE PHEREMONE TRAP INSECTICIDE Fuel & Lube - Machinery Repairs - Machinery Labor - Machinery	1.500 2.000 0.330 1.250 1.000 2.000 1.250 0.330 1.250 1.000 2.000 1.250	lb. each gal lb. lb. each lb. each lb. each lb. cach lb. each lb. each lb. each	.650 3.000 90.000 8.500 13.000 8.500 3.000 8.500 90.000 8.500 13.000 8.500 3.000 8.500	0.97 6.00 29.70 10.62 13.00 6.00 10.62 29.70 10.62 13.00 6.00 10.62 10.86 2.50 41.35					
- Other	51.500	Hour	4.962	255.52					
Total FOURTH YEAR HARVEST COLORING SAWS ADVERTISING Labor - Other	6.000 5.000 630.000 44.500	gal each tree Hour	9.950 5.750 .500 4.989	490.35 59.70 28.75 315.00 222.00					
Total HARVEST Interest - OC Borrowed Interest - Positive Cash	3186.240 -490.093	Dol. Dol.	0.140 0.000	625.45 446.07 0.00					
Total VARIABLE COST	Cont of A	01	- FACU -5 TD5	2655.20	***************************************				
Break-Even Price, Total Variable GROSS INCOME minus VARIABLE COST	Cost \$ 4	.21 pe	r EACH of TRE	6794.80					
FIXED COST Description Machinery Land		Unit ==== Acre Acre		Total 257.98 60.00					
Total FIXED Cost				317.98	•				
Break-Even Price, Total Cost \$ 4.71 per EACH of TREES									
Total of ALL Cost				2973.17					
NET PROJECTED RETURNS				6476.83					

DATE	STAGE	TYPE	PRODUCT NA	ME	NUMBER		EIGHT		LANDLORD	
	OF PRODUCTION	OF PROD.			OF Units		PER Ead	NON- <u>Cash</u> .	SHARE	EVEN PROD.
11/30/89	HARVEST	A	TREES		630.0000		.000	С	.00	Y
DATE	STAGE	TYPE	INPUT NA	4E	NUMBER	CASH		LANDLORD		
	OF PRODUCTION	OF INPUT			OF UNITS	NON- CASH	OR VARI.	SHARE		
02/15/86	ESTABLISHMENT	E	SEEDLINGS	C. TREE	900.0000	С	V .	.00		
	ESTABLISHMENT ESTABLISHMENT	H	PLANTING LABOR PHEREMONE TRAP	C. TREE	10.0000	C	V V	.00 .00		
	ESTABLISHMENT	M	DISCING-TANDEM	8 FT	1.0000	C	•	.00		
	ESTABLISHMENT ESTABLISHMENT	E	PHEREMONE TRAP	C TOEF	2.0000	Č	V	.00		
	ESTABLISHMENT	E	CHEMICAL APPL. HERB, POST-EMERGE	C. TREE	6.5000 .3300	C	V V	.00		
	ESTABLISHMENT	М	DISCING-TANDEM	8 FT	1.0000			.00		
	ESTABLISHMENT ESTABLISHMENT	E	INSECTICIDE CHEMICAL APPL.	C. TREE	.2500 1.0000	C	V	.00 .00		
06/15/86	ESTABLISHMENT	Н	DISCING-TANDEM	8 FT	1.0000			.00		
	ESTABLISHMENT ESTABLISHMENT	E E	PHEREMONE TRAP INSECTICIDE	C. TREE	2.0000 .2500	C	V	.00 .00		
06/20/86	ESTABLISHMENT	Н	CHEMICAL APPL.	C. TREE	1.0000	С	٧	.00		
	ESTABLISHMENT ESTABLISHMENT	E H	HERB, POST-EMERGE CHEMICAL APPL.	C. TREE	.3300 6.5000	C	V	.00		
07/15/86	ESTABLISHMENT	М	DISCING-TANDEM	8 FT	1.0000			.00		
	ESTABLISHMENT ESTABLISHMENT	E H	INSECTICIDE	C. TREE	.2500	C	V	.00		
	ESTABLISHMENT	Ë	CHEMICAL APPL. PHEREMONE TRAP	C. TREE	1.8000 2.0000	C	v	.00.		
	ESTABLISHMENT	М	DISCING-TANDEM	8 FT	1.0000			.00		
	ESTABLISHMENT ESTABLISHMENT	E H	INSECTICIDE CHEMICAL APPL.	C. TREE	.5000 2.7000	C	V V	.00		
09/05/86	ESTABLISHMENT	Н	DISCING	OFFSET	1.0000	•	•	.00		
	ESTABLISHMENT ESTABLISHMENT	M M	DISCING-TANDEM DISCING-TANDEM	8 FT 8 FT	1.0000			.00.		
	ESTABLISHMENT	Ë	PHEREMONE TRAP	0 F1	2.0000	С	٧	.00		
	ESTABLISHMENT	Ä	GOPHER POISONING		1.0000	•	.,	.00		
	ESTABLISHMENT ESTABLISHMENT	E E	POISON GRAIN INSECTICIDE	C. TREE	1.5000 .5000	C	V	.00		
09/20/86	ESTABLISHMENT	н	CHEMICAL APPL.	C. TREE	2.7000	č	Ÿ	.00		
	ESTABLISHMENT ESTABLISHMENT	M K	DISCING-TANDEM LAND CHARGE	8 FT FORAGE	1.0000	С	F	.00 .00		
	SECOND YEAR	Ĥ	GOPHER POISONING	TORAGE	1.0000	•	•	.00		
	SECOND YEAR	E	POISON GRAIN		1.5000	C	٧	.00		
	SECOND YEAR SECOND YEAR	E E	PHEREMONE TRAP HERB, POST-EMERGE	C. TREE	2.0000 .3300	C	V	.00. 00.		
04/10/87	SECOND YEAR	М	SPRAYING	C. TREE	1.0000			.00		
	SECOND YEAR SECOND YEAR	M E	SHREDDING INSECTICIDE	2 ROW C. TREE	1.0000 .5000	С	٧	.00		
04/20/87	SECOND YEAR	н	CHEMICAL APPL.	C. TREE	2.7000	С	٧	.00		
	SECOND YEAR SECOND YEAR	E M	HERB, PRE-EMERGE SPRAYING	C. TREE	1.0000	С	٧	.00 .00		
	SECOND YEAR	Ë	PHEREMONE TRAP	O. INLL	2.0000	С	٧	.00		
	SECOND YEAR SECOND YEAR	H	SHREDDING	2 ROW	1.0000	_	v	.00		
	SECOND YEAR	E H	INSECTICIDE CHEMICAL APPL.	C. TREE	.5000 2.7000	C	V V	.00 .00		
	SECOND YEAR	М		C. TREE	1.0000			.00		
06/15/87	SECOND YEAR SECOND YEAR	M E	SHREDDING PHEREMONE TRAP	2 KUW	1.0000 2.0000		٧	.00.		
06/20/87	SECOND YEAR	Ē	INSECTICIDE	C. TREE	.5000	С	V	.00		
06/20/87 06/20/87	SECOND YEAR SECOND YEAR SECOND YEAR	H	CHEMICAL APPL.	C. TREE	2.7000 1.0000	С	٧	.00		
07/10/87	SECOND YEAR	Ë	HERB, POST-EMERGE		.3300	С	٧	.00		
	SECOND YEAR SECOND YEAR	M M	SPRAYING SHREDDING	C. TREE 2 ROW	1.0000			.00.		
	SECOND YEAR		INSECTICIDE	C. TREE	.5000	С	٧	.00		
	SECOND YEAR	H	CHEMICAL APPL.	C. TREE	2.7000	C	V	.00		
	SECOND YEAR SECOND YEAR		HERB, PRE-EMERGE SHEARING LABOR	C. IREE	1.0000 12.0000	C	V	.00		
08/01/87	SECOND YEAR SECOND YEAR SECOND YEAR	E	PHEREMONE TRAP		2.0000	Č	Ÿ	.00		
08/15/87	SECOND YEAR SECOND YEAR	M	SHREDDING INSECTICIDE	2 ROW C. TREE	1.0000 .5000	С	٧	.00 .00		
	SECOND YEAR	н		C. TREE		č	v	.00		
	SECOND YEAR SECOND YEAR	M M	SPRAYING	C. TREE 2 ROW				.00		
09/15/87	SECOND YEAR SECOND YEAR SECOND YEAR	E	PHEREMONE TRAP		1.0000 2.0000	С	٧	.00 .00		
09/20/87	SECOND YEAR	E	INSECTICIDE	C. TREE	.5000	С	y	.00		
09/20/87	SECOND YEAR	M	CHEMICAL APPL. SPRAYING SHREDDING	C. TREE	2.7000 1.0000	С	٧	.00		
10/15/87	SECOND YEAR	H	SHREDDING	2 ROW	1.0000			.00		
10/20/87	SECOND YEAR	M K	LAND CHARGE	8 FI FORAGE	.1200 1,0000	С	F	.00		
02/15/88	THIRD YEAR	Ä	GOPHER POISONING		1.0000	_		.00		
02/15/88	THIRD YEAR	Ē	DISCING-TANDEM LAND CHARGE GOPHER POISONING POISON GRAIN PHEREMONE TRAP HERB, POST-EMERGE		1.0000 1.0000 .1200 1.0000 1.5000 2.0000	C	V	.00.		
04/10/88	THIRD YEAR	Ē	HERB, POST-EMERGE	C. TREE	.3300	Č	v	.00		

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	1401 10	be used with	out opuati	ing ar ter	API I	25,	1300.
04/10/88 THIRD YEAR	М	SPRAYING	C. TREE	1.0000			.00
04/15/88 THIRD YEAR		SHREDDING	2 ROW	1.0000			.00
04/20/88 THIRD YEAR	_	INSECTICIDE	C. TREE	.7500	C	٧	.00
04/20/88 THIRD YEAR		CHEMICAL APPL.	C. TREE	2.7000	C	V	.00
04/20/88 THIRD YEAR		HERB, PRE-EMERGE	C. TREE	1.0000	С	٧	.00
04/20/88 THIRD YEAR 04/25/88 THIRD YEAR		SPRAYING SHEARING LABOR	C. IKEE	1.0000 10.2500	С	٧	.00 .00
05/01/88 THIRD YEAR		PHEREMONE TRAP		2.0000	Č	v	.00
05/15/88 THIRD YEAR		SHREDDING	2 ROW	1.0000	·	•	.00
05/20/88 THIRD YEAR		INSECTICIDE	C. TREE	.7500	С	٧	.00
05/20/88 THIRD YEAR		CHEMICAL APPL.	C. TREE	2.7000	Ċ	٧	.00
05/20/88 THIRD YEAR	н	SPRAYING	C. TREE	1.0000			.00
06/15/88 THIRD YEAR		SHREDDING	2 ROW	1.0000			.00
06/15/88 THIRD YEAR		PHEREMONE TRAP		2.0000	C	Y	.00
06/20/88 THIRD YEAR		INSECTICIDE	C. TREE	.7500	C	V.	.00
06/20/88 THIRD YEAR	H	CHEMICAL APPL.	C. TREE	2.7000	С	٧	.00
06/20/88 THIRD YEAR 07/10/88 THIRD YEAR	M E	SPRAYING HERB, POST-EMERGE	C. IREE	1.0000	С	٧	.00 .00
07/10/88 THIRD YEAR		SPRAYING	C. TREE	1.0000	·	•	.00
07/15/88 THIRD YEAR		SHREDDING	2 ROW	1.0000			.00
07/20/88 THIRD YEAR		INSECTICIDE	C. TREE	.7500	С	٧	.00
07/20/88 THIRD YEAR	Н	CHEMICAL APPL.	C. TREE	2.7000	С	٧	.00
07/20/88 THIRD YEAR	E	HERB, PRE-EMERGE	C. TREE	1.0000	С	٧	.00
07/20/88 THIRD YEAR		SPRAYING	C. TREE	1.0000			.00
07/25/88 THIRD YEAR		SHEARING LABOR		15.2500	Ç	٧	.00
08/01/88 THIRD YEAR		PHEREMONE TRAP		2.0000	С	٧	.00
08/15/88 THIRD YEAR		SHREDDING	2 ROH	1.0000	_		.00
08/20/88 THIRD YEAR		INSECTICIDE	C. TREE	.7500	C	V	.00
08/20/88 THIRD YEAR		CHEMICAL APPL.	C. TREE	2.7000	С	٧	.00 .00
08/20/88 THIRD YEAR 09/15/88 THIRD YEAR		SPRAYING SHREDDING	C. TREE 2 ROW	1.0000			.00
09/15/88 THIRD YEAR		PHEREMONE TRAP	2 RUM	2.0000	С	٧	.00
09/20/88 THIRD YEAR		INSECTICIDE	C. TREE	.7500	č	Ÿ	.00
09/20/88 THIRD YEAR		CHEMICAL APPL.	C. TREE	2.7000	č	Ÿ	.00
09/20/88 THIRD YEAR		SPRAYING	C. TREE	1.0000	-	·	.00
10/15/88 THIRD YEAR		SHREDDING	2 ROW	1.0000			.00
10/20/88 THIRD YEAR	М	DISCING-TANDEM	8 FT	.1200			.00
11/30/88 THIRD YEAR	K	LAND CHARGE	FORAGE	1.0000	С	F	.00
02/15/89 FOURTH YEAR		GOPHER POISONING		1.0000			.00
02/15/89 FOURTH YEAR		POISON GRAIN		1.5000	C	٧	.00
03/15/89 FOURTH YEAR		PHEREMONE TRAP		2.0000	C	V	.00
04/10/89 FOURTH YEAR		HERB, POST-EMERGE		.3300	С	٧	.00
04/10/89 FOURTH YEAR	M	SPRAYING	C. TREE	1.0000			.00
04/15/89 FOURTH YEAR		SHREDDING	2 ROW C. TREE	1.0000 1.2500	C	۷ ۷	.00
04/20/89 FOURTH YEAR 04/20/89 FOURTH YEAR		INSECTICIDE CHEMICAL APPL.	C. TREE	2.7500	C	Ÿ	.00 .00
04/20/89 FOURTH YEAR		HERB, PRE-EMERGE		1.0000	Č	Ÿ	.00
04/20/89 FOURTH YEAR	Ä	SPRAYING	C. TREE	1.0000	·	•	.00
04/25/89 FOURTH YEAR		SHEARING LABOR		20.0000	С	٧	.00
05/01/89 FOURTH YEAR		PHEREMONE TRAP		2.0000	Č	Ÿ	.00
05/15/89 FOURTH YEAR	M	SHREDDING	2 ROH	1.0000	C	٧	.00
05/20/89 FOURTH YEAR	E	INSECTICIDE	C. TREE	1.2500	С	٧	.00
05/20/89 FOURTH YEAR	н	CHEMICAL APPL.	C. TREE	2.7500	С	٧	.00
05/20/89 FOURTH YEAR	М	SPRAYING	C. TREE	1.0000			.00
06/15/89 FOURTH YEAR	H	SHREDDING	2 ROW	1.0000	C	y	.00
06/15/89 FOURTH YEAR	Ē	PHEREMONE TRAP		2.0000	C	V	.00
06/20/89 FOURTH YEAR	_	INSECTICIDE	C. TREE	1.2500	Č	V	.00
06/20/89 FOURTH YEAR 06/20/89 FOURTH YEAR		CHEMICAL APPL. SPRAYING	C. TREE C. TREE	2.7500 1.0000	С	٧	.00 .00
07/10/89 FOURTH YEAR		HERB, POST-EMERGE		.3300	С	٧	.00
07/10/89 FOURTH YEAR		SPRAYING	C. TREE	1.0000	-	•	.00
07/15/89 FOURTH YEAR		SHREDDING	2 ROH	1.0000	С	٧	.00
07/20/89 FOURTH YEAR		INSECTICIDE	C. TREE	1.2500	č	ý	.00
07/20/89 FOURTH YEAR		CHEMICAL APPL.	C. TREE	2.7500	Ċ	٧	.00
07/20/89 FOURTH YEAR		HERB, PRE-EMERGE	C. TREE	1.0000	С	٧	.00
07/25/89 FOURTH YEAR	н	SHEARING LABOR		15.0000	С	٧	.00
08/01/89 FOURTH YEAR	E	PHEREMONE TRAP		2.0000	C	V	.00
08/15/89 FOURTH YEAR		SHREDDING	2 ROW	1.0000	C	y	.00
08/20/89 FOURTH YEAR		INSECTICIDE	C. TREE	1.2500	C	V	.00
08/20/89 FOURTH YEAR		CHEMICAL APPL.	C. TREE	2.7500	С	٧	.00
08/20/89 FOURTH YEAR		SPRAYING	C. TREE	1.0000	С	٧	.00
09/15/89 FOURTH YEAR 09/15/89 FOURTH YEAR	M E	SHREDDING PHEREMONE TRAP	2 ROM	1.0000 2.0000	C	V	.00 .00
09/15/89 FOURTH YEAR		INSECTICIDE	C. TREE	1.2500	Č	Ÿ	.00
09/20/89 FOURTH YEAR	H	CHEMICAL APPL.	C. TREE	2.7500	č	Ý	.00
09/20/89 FOURTH YEAR	H	SPRAYING	C. TREE	1.0000	_	•	.00
10/15/89 FOURTH YEAR		SHREDDING	2 ROW	1.0000	С	٧	.00
10/20/89 FOURTH YEAR	Ĥ	DISCING-TANDEM	8 FT	.1200			.00
11/15/89 HARVEST	Ε	COLORING		6.0000	C	٧	.00
11/15/89 HARVEST	Н	COLORING LABOR		6.0000	C	V	.00
11/15/89 HARVEST	E	SAWS		5.0000	C	y	.00
11/15/89 HARVEST		ADVERTISING	F00105	630.0000	C	Ž	.00
11/30/89 FOURTH YEAR		LAND CHARGE	FORAGE	1.0000	C	F	.00
11/30/89 HARVEST	H	GRADING LABOR		2.5000	C	V V	.00
11/30/89 HARVEST	п	HARVEST LABOR		36.0000	·	4	.00

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