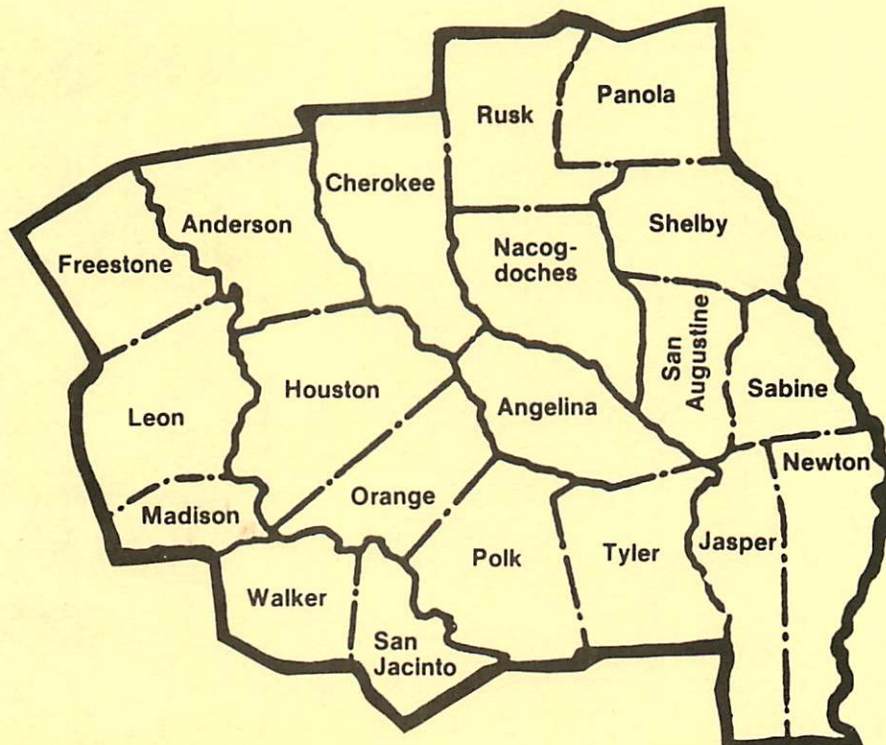
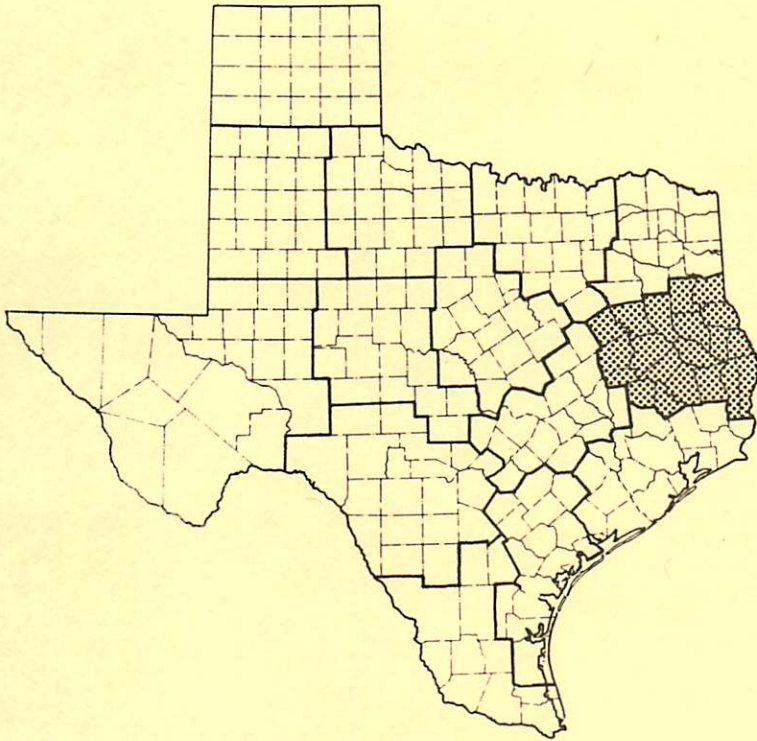


EAST TEXAS

DISTRICT 9

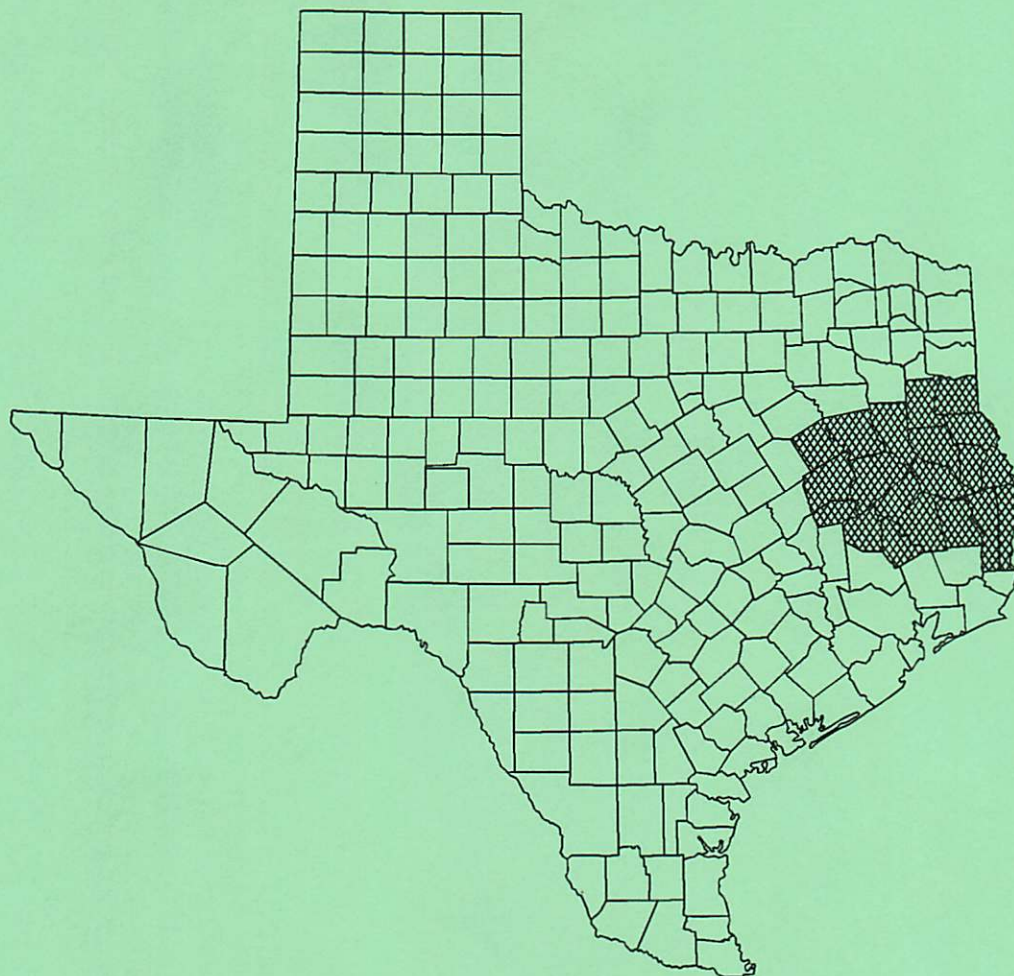


TEXAS AGRICULTURAL EXTENSION SERVICE . THE TEXAS A&M UNIVERSITY SYSTEM
Zerle L. Carpenter, Director . College Station, Texas

TEXAS CROP ENTERPRISE BUDGETS

EAST TEXAS DISTRICT

Projected for 1993



Data collected and submitted by Dr. Gregory M. Clary

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150 - 01-93, New

EC0 7-2

CORN, DRYLAND
East Texas District (9)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description =====	Quantity =====	Unit =====	\$ / Unit =====	Total =====	Your Estimate =====
CORN	90.000	bu.	2.4400	219.60	_____
Total GROSS Income				219.60	_____
VARIABLE COST Description =====	Quantity =====	Unit =====	\$ / Unit =====	Total =====	
PREHARVEST					
LIME	0.500	ton	25.000	12.50	_____
NITROGEN	160.000	lb.	.280	44.80	_____
PHOSPHATE	80.000	lb.	.230	18.40	_____
POTASH	80.000	lb.	.130	10.40	_____
SEED	28.000	lb.	1.080	30.24	_____
HERB., PREMERGE	1.000	lb.	8.430	8.43	_____
NITROGEN	60.000	lb.	.280	16.80	_____
Fuel & Lube - Machinery		Acre		9.80	_____
Repairs - Machinery		Acre		2.42	_____
Labor - Machinery	2.955	Hour	5.377	15.89	_____
Total PREHARVEST				169.68	_____
HARVEST					
CUSTOM COMBINING	90.000	bu.	.220	19.80	_____
CUSTOM HAULING	90.000	bu.	.080	7.20	_____
Total HARVEST				27.00	_____
Interest - OC Borrowed	108.654	Dol.	0.100	10.87	_____
Total VARIABLE COST				207.55	_____
<i>Break-Even Price, Total Variable Cost \$ 2.30 per bu. of CORN</i>					
GROSS INCOME minus VARIABLE COST				12.05	_____
FIXED COST Description =====		Unit =====		Total =====	
Machinery and Equipment		Acre		21.60	_____
Land		Acre		15.00	_____
Total FIXED Cost				36.60	_____
<i>Break-Even Price, Total Cost \$ 2.71 per bu. of CORN</i>					
Total of ALL Cost				244.15	_____
NET PROJECTED RETURNS				-24.55	_____

Projections for Planning Purposes Only
Not to be Used without Updating after October 13, 1993.

B-1241(C09)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
10/20/93	HARVEST	A	CORN	90.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
11/10/92	PREHARVEST	M	DISCING OFFSET	1.0000			.00
11/20/92	PREHARVEST	M	DISCING-TANDEM 13 FT.	1.0000			.00
01/31/93	PREHARVEST	E	LIME	.5000	C	V	.00
02/01/93	PREHARVEST	M	DISCING-TANDEM 13 FT.	1.0000			.00
03/05/93	PREHARVEST	M	DISCING-TANDEM 13 FT.	1.0000			.00
03/10/93	PREHARVEST	M	APPLY FERTILIZER	1.0000			.00
03/10/93	PREHARVEST	E	NITROGEN	160.0000	C	V	.00
03/10/93	PREHARVEST	E	PHOSPHATE	80.0000	C	V	.00
03/10/93	PREHARVEST	E	POTASH	80.0000	C	V	.00
03/15/93	PREHARVEST	M	PLANT & SPRAY	1.0000			.00
03/15/93	PREHARVEST	E	SEED CORN	28.0000	C	V	.00
03/15/93	PREHARVEST	E	HERB., PREMERGE CORN	1.0000	C	V	.00
04/15/93	PREHARVEST	M	CULTIVATING ROLLING	1.0000			.00
04/30/93	PREHARVEST	M	PICKUP TRUCK	20.0000			.00
05/10/93	PREHARVEST	E	NITROGEN	60.0000	C	V	.00
05/10/93	PREHARVEST	M	APPLY FERTILIZER	1.0000			.00
05/15/93	PREHARVEST	M	CULTIVATING ROLLING	1.0000			.00
10/20/93	HARVEST	G	CUSTOM COMBINING CORN	90.0000	C	V	.00
10/20/93	HARVEST	G	CUSTOM HAULING CORN-9	90.0000	C	V	.00
10/31/93		K	LAND CHARGE CROPS	1.0000		F	.00

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COASTAL BERMUDA ESTABLISHMENT
East and Northeast Texas Districts (5 & 9)
1993 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	
=====	=====	=====	=====	=====	
ESTABLISHMENT					
LIME	0.500	ton	25.000	12.50	
FERT. (17-17-17)	475.000	lb.	.160	76.00	
HERB. PRE-EMERGE	1.000	acre	6.000	6.00	
SPRIGGING	1.000	acre	90.000	90.00	
FERT. (46-0-0)	220.000	lb.	.110	24.20	
Fuel & Lube - Machinery		Acre		2.24	
Repairs - Machinery		Acre		0.43	
Labor - Machinery	1.076	Hour	5.159	5.55	

Total ESTABLISHMENT				216.92	
Interest - OC Borrowed	79.170	Dol.	0.100	7.92	
				=====	
Total VARIABLE COST				224.84	
GROSS INCOME minus VARIABLE COST				-224.84	
FIXED COST Description		Unit		Total	
=====		=====		=====	
Machinery and Equipment		Acre		5.98	
				=====	
Total FIXED Cost				5.98	
Total of ALL Cost				230.82	
NET PROJECTED RETURNS				-230.82	

Projections for Planning Purposes Only
Not to be Used without Updating after October 13, 1993.

B-1241(C09)

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
02/15/93	ESTABLISHMENT	E	LIME	.5000	C	V	.00
03/10/93	ESTABLISHMENT	E	FERT. (17-17-17)	475.0000	C	V	.00
03/15/93	ESTABLISHMENT	E	HERB, PRE-EMERGE BERMUDA	1.0000	C	V	.00
03/15/93	ESTABLISHMENT	M	SPRAYING PASTURE	1.0000			.00
03/20/93	ESTABLISHMENT	G	SPRIGGING	1.0000	C	V	.00
04/30/93	ESTABLISHMENT	M	PICKUP TRUCK	20.0000			.00
05/05/93	ESTABLISHMENT	E	FERT. (46-0-0)	220.0000	C	V	.00
05/15/93	ESTABLISHMENT	M	SPRAYING PASTURE	1.0000			.00

COASTAL BERMUDAGRASS HAY
East and Northeast Texas Districts (5 & 9)
1993 Projected Costs and Returns per Acre

GROSS INCOME					Your
Description	Quantity	Unit	\$ / Unit	Total	Estimate
=====	=====	=====	=====	=====	=====
HAY	7.000	ton	50.0000	350.00	
				=====	
Total GROSS Income				350.00	
VARIABLE COST	Quantity	Unit	\$ / Unit	Total	
=====	=====	=====	=====	=====	
FIRST CUTTING					
FERT. (16-6-12)	625.000	lb.	.080	50.00	
CUSTOM BALING	2.000	ton	12.000	24.00	
CUSTOM HAULING	2.000	ton	2.000	4.00	
Fuel & Lube - Machinery		Acre		0.37	
Repairs - Machinery		Acre		0.07	
Labor - Machinery	0.183	Hour	5.001	0.92	

Total FIRST CUTTING				79.36	
SECOND CUTTING					
FERT. (46-0-0)	220.000	lb.	.110	24.20	
FERT. (0-0-60)	130.000	lb.	.100	13.00	
CUSTOM BALING	2.000	ton	12.000	24.00	
CUSTOM HAULING	2.000	ton	2.000	4.00	
Fuel & Lube - Machinery		Acre		0.37	
Repairs - Machinery		Acre		0.07	
Labor - Machinery	0.183	Hour	5.001	0.92	

Total SECOND CUTTING				66.56	
THIRD CUTTING					
FERT. (46-0-0)	220.000	lb.	.110	24.20	
FERT. (0-0-60)	130.000	lb.	.100	13.00	
CUSTOM BALING	1.500	ton	12.000	18.00	
CUSTOM HAULING	1.500	ton	2.000	3.00	
Fuel & Lube - Machinery		Acre		0.37	
Repairs - Machinery		Acre		0.07	
Labor - Machinery	0.183	Hour	5.001	0.92	

Total THIRD CUTTING				59.56	
FOURTH CUTTING					
FERT. (46-0-0)	110.000	lb.	.110	12.10	
FERT. (0-0-60)	65.000	lb.	.100	6.50	
CUSTOM BALING	1.500	ton	12.000	18.00	
CUSTOM HAULING	1.500	ton	2.000	3.00	
LIME	0.330	ton	25.000	8.25	
Fuel & Lube - Machinery		Acre		0.37	
Repairs - Machinery		Acre		0.07	
Labor - Machinery	0.183	Hour	5.001	0.92	

Total FOURTH CUTTING				49.21	
Interest - OC Borrowed	4.905	Dol.	0.100	0.49	
				=====	
Total VARIABLE COST				255.17	
Break-Even Price, Total Variable Cost \$ 36.45 per ton of HAY					
GROSS INCOME minus VARIABLE COST				94.83	
FIXED COST	Description	Unit		Total	
=====	=====	=====		=====	
	Machinery and Equipment	Acre		3.48	
	Land	Acre		15.00	
	Perennial Crop	Acre		15.39	
				=====	
Total FIXED Cost				33.86	
Break-Even Price, Total Cost \$ 41.29 per ton of HAY					
Total of ALL Cost				289.04	
NET PROJECTED RETURNS				60.96	

Projections for Planning Purposes Only
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B-1241(C09)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
05/05/93	FIRST CUTTING	A	HAY	2.0000	.0000	C	.00	Y
06/10/93	SECOND CUTTING	A	HAY	2.0000	.0000	C	.00	Y
07/20/93	THIRD CUTTING	A	HAY	1.5000	.0000	C	.00	Y
08/27/93	FOURTH CUTTING	A	HAY	1.5000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
04/10/93	FIRST CUTTING	E	FERT. (16-6-12)	625.0000	C	V	.00
04/30/93	FIRST CUTTING	M	PICKUP TRUCK	5.0000			.00
05/05/93	FIRST CUTTING	G	CUSTOM BALING ROUND	2.0000	C	V	.00
05/05/93	FIRST CUTTING	G	CUSTOM HAULING ROLL	2.0000	C	V	.00
05/10/93	SECOND CUTTING	E	FERT. (46-0-0)	220.0000	C	V	.00
05/10/93	SECOND CUTTING	E	FERT. (0-0-60)	130.0000	C	V	.00
06/05/93	SECOND CUTTING	M	PICKUP TRUCK	5.0000			.00
06/10/93	SECOND CUTTING	G	CUSTOM BALING ROUND	2.0000	C	V	.00
06/10/93	SECOND CUTTING	G	CUSTOM HAULING ROLL	2.0000	C	V	.00
06/15/93	THIRD CUTTING	E	FERT. (46-0-0)	220.0000	C	V	.00
06/15/93	THIRD CUTTING	E	FERT. (0-0-60)	130.0000	C	V	.00
07/15/93	THIRD CUTTING	M	PICKUP TRUCK	5.0000			.00
07/20/93	THIRD CUTTING	G	CUSTOM BALING ROUND	1.5000	C	V	.00
07/20/93	THIRD CUTTING	G	CUSTOM HAULING ROLL	1.5000	C	V	.00
07/25/93	FOURTH CUTTING	E	FERT. (46-0-0)	110.0000	C	V	.00
07/25/93	FOURTH CUTTING	E	FERT. (0-0-60)	65.0000	C	V	.00
08/20/93	FOURTH CUTTING	M	PICKUP TRUCK	5.0000			.00
08/27/93	FOURTH CUTTING	G	CUSTOM BALING ROUND	1.5000	C	V	.00
08/27/93	FOURTH CUTTING	G	CUSTOM HAULING ROLL	1.5000	C	V	.00
08/30/93	FOURTH CUTTING	E	LINE	.3300	C	V	.00
08/31/93	FOURTH CUTTING	L	COASTAL BERMUDA 9	1.0000		F	.00
08/31/93		K	FORAGE 9	1.0000		F	.00

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COASTAL BERMUDA PASTURE, MAINTENANCE
East and Northeast Texas Districts (5 & 9)
1993 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 =====	
FERT. (16-6-12)	375.000	lb.	.080	30.00	_____
HERBICIDE	1.000	acre	6.000	6.00	_____
FERT. (46-0-0)	65.000	lb.	.110	7.15	_____
LIME	0.330	ton	25.000	8.25	_____
Fuel & Lube - Machinery		Acre		1.36	_____
Repairs - Machinery		Acre		0.26	_____
Labor - Machinery	0.732	Hour	5.375	3.94	_____
Interest - OC Borrowed	19.703	Dol.	0.100	1.97	_____
				=====	
Total VARIABLE COST				58.93	_____
GROSS INCOME minus VARIABLE COST				-58.93	_____
FIXED COST Description =====		Unit =====		Total =====	
Machinery and Equipment		Acre		6.15	_____
Perennial Crop		Acre		15.39	_____
				=====	
Total FIXED Cost				21.54	_____
Total of ALL Cost				80.47	_____
NET PROJECTED RETURNS				-80.47	_____

Projections for Planning Purposes Only
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B-1241(C09)

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
04/15/93		E	FERT. (16-6-12)	375.0000	C	V	.00
06/30/93		M	PICKUP TRUCK	5.0000			.00
07/01/93		E	HERBICIDE PASTURE	1.0000	C	V	.00
07/10/93		M	SHREDDING 2 ROW	1.0000			.00
07/15/93		E	FERT. (46-0-0)	65.0000	C	V	.00
08/19/93		E	LIME	.3300	C	V	.00
09/30/93		L	COASTAL BERMUDA 9	1.0000		F	.00

CSTL BERMUDA PASTURE, OVERSEEDED CLOVER & RYEGRASS
East and Northeast Texas Districts (5 & 9)
1993 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 =====	
FERT. (6-24-24)	300.000	lb.	.090	27.00	_____
SEED, ARROWLEAF	5.000	lb.	1.250	6.25	_____
SEED, RYEGRASS	10.000	lb.	.230	2.30	_____
INOCULANT	1.000	acre	1.500	1.50	_____
FERT. (46-0-0)	110.000	lb.	.110	12.10	_____
HERBICIDE	1.000	acre	6.000	6.00	_____
LIME	0.250	ton	25.000	6.25	_____
Fuel & Lube - Machinery		Acre		1.97	_____
Repairs - Machinery		Acre		0.38	_____
Labor - Machinery	1.014	Hour	5.355	5.43	_____
Interest - OC Borrowed	44.265	Dol.	0.100	4.43	_____
				=====	
Total VARIABLE COST				73.60	_____
GROSS INCOME minus VARIABLE COST				-73.60	_____
FIXED COST Description =====		Unit =====		Total =====	
Machinery and Equipment		Acre		7.92	_____
Perennial Crop		Acre		15.39	_____
				=====	
Total FIXED Cost				23.31	_____
Total of ALL Cost				96.91	_____
NET PROJECTED RETURNS				-96.91	_____

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B-1241(C09)

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
09/10/92		M	SHREDDING 2 ROW	1.0000			.00
10/15/92		E	FERT. (6-24-24)	300.0000	C	V	.00
10/15/92		E	SEED, ARROWLEAF	5.0000	C	V	.00
10/15/92		E	SEED, RYEGRASS	10.0000	C	V	.00
10/15/92		E	INOCULANT ARROWLF	1.0000	C	V	.00
02/28/93		M	PICKUP TRUCK	8.0000			.00
06/15/93		E	FERT. (46-0-0)	110.0000	C	V	.00
07/15/93		E	HERBICIDE PASTURE	1.0000	C	V	.00
07/15/93		M	SPRAYING PASTURE	1.0000			.00
08/15/93		E	LIME	.2500	C	V	.00
08/31/93		L	COASTAL BERMUDA 9	1.0000		F	.00

SMALL GRAINS - RYEGRASS WINTER PASTURE
East and Northeast Texas Districts (5 & 9)
1993 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 =====	
LIME	0.330	ton	25.000	8.25	_____
FERT. (6-24-24)	300.000	lb.	.090	27.00	_____
SEED, ELBON RYE	100.000	lb.	.200	20.00	_____
SEED, RYEGRASS	20.000	lb.	.230	4.60	_____
CUSTOM PLANTING	1.000	acre	10.000	10.00	_____
INSECTICIDE	1.000	lb.	3.100	3.10	_____
FERT. (46-0-0)	200.000	lb.	.110	22.00	_____
FERT. (46-0-0)	130.000	lb.	.110	14.30	_____
FERT. (46-0-0)	130.000	lb.	.110	14.30	_____
Fuel & Lube - Machinery		Acre		3.57	_____
Repairs - Machinery		Acre		0.75	_____
Labor - Machinery	1.542	Hour	5.263	8.12	_____
Interest - OC Borrowed	81.595	Dol.	0.100	8.16	_____
				=====	
Total VARIABLE COST				144.15	_____
GROSS INCOME minus VARIABLE COST				-144.15	_____
FIXED COST Description =====	Unit =====		Total =====		
Machinery and Equipment	Acre		9.67		
			=====		
Total FIXED Cost			9.67		
Total of ALL Cost			153.82		
NET PROJECTED RETURNS			-153.82		

Projections for Planning Purposes Only
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B-1241(C09)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	HEIGHT PER HEAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
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-WARNING- NO VALID RECEIPTS RECORDS

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
08/15/92		M	DISCING OFFSET	1.0000			.00
09/05/92		E	LIME	.3300	C	V	.00
09/10/92		M	DISCING-TANDEM 8 FT	1.0000			.00
09/15/92		E	FERT. (6-24-24)	300.0000	C	V	.00
09/20/92		E	SEED, ELBON RYE	100.0000	C	V	.00
09/20/92		E	SEED, RYEGRASS	20.0000	C	V	.00
09/20/92		G	CUSTOM PLANTING SM.GRAIN	1.0000	C	V	.00
09/30/92		E	INSECTICIDE SM.GRAIN	1.0000	C	V	.00
09/30/92		M	SPRAYING PASTURE	1.0000			.00
10/15/92		E	FERT. (46-0-0)	200.0000	C	V	.00
11/30/92		M	PICKUP TRUCK	20.0000			.00
02/15/93		E	FERT. (46-0-0)	130.0000	C	V	.00
04/15/93		E	FERT. (46-0-0)	130.0000	C	V	.00

CHRISTMAS TREE PRODUCTION (WHOLESALE)
East Texas Districts (5&9)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description =====	Quantity =====	Unit =====	\$ / Unit =====	Total =====	Your Estimate =====
TREES WHLSLE	630.000	EACH	9.0000	5670.00	
Total GROSS Income				5670.00	
VARIABLE COST Description =====	Quantity =====	Unit =====	\$ / Unit =====	Total =====	
ESTABLISHMENT					
SEEDLINGS	900.000	each	.060	54.00	
PHEREMONE TRAP	2.000	each	3.000	6.00	
PHEREMONE TRAP	2.000	each	3.000	6.00	
HERB, POST-EMERGE	0.330	gal	90.000	29.70	
INSECTICIDE	0.250	lb.	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	0.250	lb.	8.500	2.12	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	0.500	lb.	8.500	4.25	
PHEREMONE TRAP	2.000	each	3.000	6.00	
POISON GRAIN	1.500	lb.	.650	0.97	
INSECTICIDE	0.500	lb.	8.500	4.25	
Fuel & Lube - Machinery		Acre		7.60	
Repairs - Machinery		Acre		1.55	
Labor - Machinery	3.289	Hour	5.501	18.09	
- Other	32.200	Hour	4.762	153.34	
Total ESTABLISHMENT				339.82	
SECOND YEAR					
POISON GRAIN	1.500	lb.	.650	0.97	
PHEREMONE TRAP	2.000	each	3.000	6.00	
HERB, POST-EMERGE	0.330	gal	90.000	29.70	
INSECTICIDE	0.500	lb.	8.500	4.25	
HERB, PRE-EMERGE	1.000	lb.	13.000	13.00	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	0.500	lb.	8.500	4.25	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	0.500	lb.	8.500	4.25	
HERB, POST-EMERGE	0.330	gal	90.000	29.70	
INSECTICIDE	0.500	lb.	8.500	4.25	
HERB, PRE-EMERGE	1.000	lb.	13.000	13.00	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	0.500	lb.	8.500	4.25	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	0.500	lb.	8.500	4.25	
Fuel & Lube - Machinery		Acre		13.58	
Repairs - Machinery		Acre		3.00	
Labor - Machinery	7.517	Hour	5.500	41.35	
- Other	28.200	Hour	4.931	139.06	
Total SECOND YEAR				338.85	
THIRD YEAR					
POISON GRAIN	1.500	lb.	.650	0.97	
PHEREMONE TRAP	2.000	each	3.000	6.00	
HERB, POST-EMERGE	0.330	gal	90.000	29.70	
INSECTICIDE	0.750	lb.	8.500	6.37	
HERB, PRE-EMERGE	1.000	lb.	13.000	13.00	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	0.750	lb.	8.500	6.37	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	0.750	lb.	8.500	6.37	
HERB, POST-EMERGE	0.330	gal	90.000	29.70	
INSECTICIDE	0.750	lb.	8.500	6.37	
HERB, PRE-EMERGE	1.000	lb.	13.000	13.00	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	0.750	lb.	8.500	6.37	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	0.750	lb.	8.500	6.37	
Fuel & Lube - Machinery		Acre		14.49	
Repairs - Machinery		Acre		3.23	
Labor - Machinery	8.021	Hour	5.500	44.12	
- Other	41.700	Hour	4.953	206.56	
Total THIRD YEAR				423.02	

Projections for Planning Purposes Only
Not to be Used without Updating after October 13, 1993.

B-1241(C09)

VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total
=====	=====	=====	=====	=====
FOURTH YEAR				
POISON GRAIN	1.500	lb.	.650	0.97
PHEREMONE TRAP	2.000	each	3.000	6.00
HERB, POST-EMERGE	0.330	gal	90.000	29.70
INSECTICIDE	1.250	lb.	8.500	10.62
HERB, PRE-EMERGE	1.000	lb.	13.000	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	1.250	lb.	8.500	10.62
HERB, POST-EMERGE	0.330	gal	90.000	29.70
INSECTICIDE	1.250	lb.	8.500	10.62
HERB, PRE-EMERGE	1.000	lb.	13.000	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	1.250	lb.	8.500	10.62
Fuel & Lube - Machinery		Acre		13.48
Repairs - Machinery		Acre		2.98
Labor - Machinery	7.473	Hour	5.500	41.10
- Other	51.500	Hour	4.962	255.52

Total FOURTH YEAR				493.21
HARVEST				
COLORING	6.000	gal	9.500	57.00
NETTING	630.000	tree	.300	189.00
ADVERTISING	630.000	tree	.500	315.00
Fuel & Lube - Machinery		Acre		3.40
Repairs - Machinery		Acre		1.52
Labor - Machinery	0.044	Hour	5.503	0.24
- Other	79.000	Hour	4.774	377.11

Total HARVEST				943.27
Interest - OC Borrowed	3224.442	Dol.	0.100	322.44
				=====
Total VARIABLE COST				2860.62
Break-Even Price, Total Variable Cost \$ 4.54 per EACH of TREES				
GROSS INCOME minus VARIABLE COST				2809.38
FIXED COST Description		Unit		Total
=====		=====		=====
Machinery and Equipment		Acre		529.52
Land		Acre		60.00
				=====
Total FIXED Cost				589.52
Break-Even Price, Total Cost \$ 5.47 per EACH of TREES				
Total of ALL Cost				3450.14
NET PROJECTED RETURNS				2219.86

Projections for Planning Purposes Only
Not to be Used without Updating after October 13, 1993.

B-1241(C09)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
11/30/96	HARVEST	A	TREES MHLSLE	630.0000	.0000	C	.00	Y
DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE	
02/15/93	ESTABLISHMENT	E	SEEDLINGS C. TREE	900.0000	C	V	.00	
02/15/93	ESTABLISHMENT	H	PLANTING LABOR C. TREE	10.0000	C	V	.00	
03/15/93	ESTABLISHMENT	E	PHEREMONE TRAP	2.0000	C	V	.00	
04/15/93	ESTABLISHMENT	M	DISCING-TANDEM 8 FT	1.0000			.00	
05/01/93	ESTABLISHMENT	E	PHEREMONE TRAP	2.0000	C	V	.00	
05/10/93	ESTABLISHMENT	H	CHEMICAL APPL. C. TREE	6.5000	C	V	.00	
05/10/93	ESTABLISHMENT	E	HERB, POST-EMERGE C. TREE	.3300	C	V	.00	
05/15/93	ESTABLISHMENT	M	DISCING-TANDEM 8 FT	1.0000			.00	
05/20/93	ESTABLISHMENT	E	INSECTICIDE C. TREE	.2500	C	V	.00	
05/20/93	ESTABLISHMENT	H	CHEMICAL APPL. C. TREE	1.0000	C	V	.00	
06/15/93	ESTABLISHMENT	M	DISCING-TANDEM 8 FT	1.0000			.00	
06/15/93	ESTABLISHMENT	E	PHEREMONE TRAP	2.0000	C	V	.00	
06/20/93	ESTABLISHMENT	E	INSECTICIDE C. TREE	.2500	C	V	.00	
06/20/93	ESTABLISHMENT	H	CHEMICAL APPL. C. TREE	1.0000	C	V	.00	
07/10/93	ESTABLISHMENT	E	HERB, POST-EMERGE C. TREE	.3300	C	V	.00	
07/10/93	ESTABLISHMENT	H	CHEMICAL APPL. C. TREE	6.5000	C	V	.00	
07/15/93	ESTABLISHMENT	M	DISCING-TANDEM 8 FT	1.0000			.00	
07/20/93	ESTABLISHMENT	E	INSECTICIDE C. TREE	.2500	C	V	.00	
07/20/93	ESTABLISHMENT	H	CHEMICAL APPL. C. TREE	1.8000	C	V	.00	
08/01/93	ESTABLISHMENT	E	PHEREMONE TRAP	2.0000	C	V	.00	
08/15/93	ESTABLISHMENT	M	DISCING-TANDEM 8 FT	1.0000			.00	
08/20/93	ESTABLISHMENT	E	INSECTICIDE C. TREE	.5000	C	V	.00	
08/20/93	ESTABLISHMENT	H	CHEMICAL APPL. C. TREE	2.7000	C	V	.00	
09/05/93	ESTABLISHMENT	M	DISCING OFFSET	1.0000			.00	
09/10/93	ESTABLISHMENT	M	DISCING-TANDEM 8 FT	1.0000			.00	
09/15/93	ESTABLISHMENT	M	DISCING-TANDEM 8 FT	1.0000			.00	
09/15/93	ESTABLISHMENT	E	PHEREMONE TRAP	2.0000	C	V	.00	
09/15/93	ESTABLISHMENT	M	GOPHER POISONING	1.0000			.00	
09/15/93	ESTABLISHMENT	E	POISON GRAIN	1.5000	C	V	.00	
09/20/93	ESTABLISHMENT	E	INSECTICIDE C. TREE	.5000	C	V	.00	
09/20/93	ESTABLISHMENT	H	CHEMICAL APPL. C. TREE	2.7000	C	V	.00	
09/25/93	ESTABLISHMENT	M	DISCING-TANDEM 8 FT	1.0000			.00	
11/30/93	ESTABLISHMENT	K	FORAGE	1.0000	C	F	.00	
02/15/94	SECOND YEAR	M	GOPHER POISONING	1.0000			.00	
02/15/94	SECOND YEAR	E	POISON GRAIN	1.5000	C	V	.00	
03/15/94	SECOND YEAR	E	PHEREMONE TRAP	2.0000	C	V	.00	
04/10/94	SECOND YEAR	E	HERB, POST-EMERGE C. TREE	.3300	C	V	.00	
04/10/94	SECOND YEAR	M	SPRAYING C. TREE	1.0000			.00	
04/15/94	SECOND YEAR	M	SHREDDING 2 ROW	1.0000			.00	
04/20/94	SECOND YEAR	E	INSECTICIDE C. TREE	.5000	C	V	.00	
04/20/94	SECOND YEAR	H	CHEMICAL APPL. C. TREE	2.7000	C	V	.00	
04/20/94	SECOND YEAR	E	HERB, PRE-EMERGE C. TREE	1.0000	C	V	.00	
04/20/94	SECOND YEAR	M	SPRAYING C. TREE	1.0000			.00	
05/01/94	SECOND YEAR	E	PHEREMONE TRAP	2.0000	C	V	.00	
05/15/94	SECOND YEAR	M	SHREDDING 2 ROW	1.0000			.00	
05/20/94	SECOND YEAR	E	INSECTICIDE C. TREE	.5000	C	V	.00	
05/20/94	SECOND YEAR	H	CHEMICAL APPL. C. TREE	2.7000	C	V	.00	
05/20/94	SECOND YEAR	M	SPRAYING C. TREE	1.0000			.00	
06/15/94	SECOND YEAR	M	SHREDDING 2 ROW	1.0000			.00	
06/15/94	SECOND YEAR	E	PHEREMONE TRAP	2.0000	C	V	.00	
06/20/94	SECOND YEAR	E	INSECTICIDE C. TREE	.5000	C	V	.00	
06/20/94	SECOND YEAR	H	CHEMICAL APPL. C. TREE	2.7000	C	V	.00	
06/20/94	SECOND YEAR	M	SPRAYING C. TREE	1.0000			.00	
07/10/94	SECOND YEAR	E	HERB, POST-EMERGE C. TREE	.3300	C	V	.00	
07/10/94	SECOND YEAR	M	SPRAYING C. TREE	1.0000			.00	
07/15/94	SECOND YEAR	M	SHREDDING 2 ROW	1.0000			.00	
07/20/94	SECOND YEAR	E	INSECTICIDE C. TREE	.5000	C	V	.00	
07/20/94	SECOND YEAR	H	CHEMICAL APPL. C. TREE	2.7000	C	V	.00	
07/20/94	SECOND YEAR	E	HERB, PRE-EMERGE C. TREE	1.0000	C	V	.00	
07/25/94	SECOND YEAR	H	SHEARING LABOR	12.0000	C	V	.00	
08/01/94	SECOND YEAR	E	PHEREMONE TRAP	2.0000	C	V	.00	
08/15/94	SECOND YEAR	M	SHREDDING 2 ROW	1.0000			.00	
08/20/94	SECOND YEAR	E	INSECTICIDE C. TREE	.5000	C	V	.00	
08/20/94	SECOND YEAR	H	CHEMICAL APPL. C. TREE	2.7000	C	V	.00	
08/20/94	SECOND YEAR	M	SPRAYING C. TREE	1.0000			.00	
09/15/94	SECOND YEAR	M	SHREDDING 2 ROW	1.0000			.00	
09/15/94	SECOND YEAR	E	PHEREMONE TRAP	2.0000	C	V	.00	
09/20/94	SECOND YEAR	E	INSECTICIDE C. TREE	.5000	C	V	.00	
09/20/94	SECOND YEAR	H	CHEMICAL APPL. C. TREE	2.7000	C	V	.00	
09/20/94	SECOND YEAR	M	SPRAYING C. TREE	1.0000			.00	
10/15/94	SECOND YEAR	M	SHREDDING 2 ROW	1.0000			.00	
10/20/94	SECOND YEAR	M	DISCING-TANDEM 8 FT	.1200			.00	
11/30/94	SECOND YEAR	K	FORAGE	1.0000	C	F	.00	
02/15/95	THIRD YEAR	M	GOPHER POISONING	1.0000			.00	
02/15/95	THIRD YEAR	E	POISON GRAIN	1.5000	C	V	.00	
03/16/95	THIRD YEAR	E	PHEREMONE TRAP	2.0000	C	V	.00	
04/11/95	THIRD YEAR	E	HERB, POST-EMERGE C. TREE	.3300	C	V	.00	
04/11/95	THIRD YEAR	M	SPRAYING C. TREE	1.0000			.00	
04/16/95	THIRD YEAR	M	SHREDDING 2 ROW	1.0000			.00	
04/21/95	THIRD YEAR	E	INSECTICIDE C. TREE	.7500	C	V	.00	
04/21/95	THIRD YEAR	H	CHEMICAL APPL. C. TREE	2.7000	C	V	.00	
04/21/95	THIRD YEAR	E	HERB, PRE-EMERGE C. TREE	1.0000	C	V	.00	
04/21/95	THIRD YEAR	M	SPRAYING C. TREE	1.0000			.00	
04/26/95	THIRD YEAR	H	SHEARING LABOR	10.2500	C	V	.00	
05/02/95	THIRD YEAR	E	PHEREMONE TRAP	2.0000	C	V	.00	

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

Projections for Planning Purposes Only
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B-1241(C09)

05/16/95	THIRD YEAR	M	SHREDDING	2 ROW	1.0000			.00
05/21/95	THIRD YEAR	E	INSECTICIDE	C. TREE	.7500	C	V	.00
05/21/95	THIRD YEAR	H	CHEMICAL APPL.	C. TREE	2.7000	C	V	.00
05/21/95	THIRD YEAR	M	SPRAYING	C. TREE	1.0000			.00
06/16/95	THIRD YEAR	M	SHREDDING	2 ROW	1.0000			.00
06/16/95	THIRD YEAR	E	PHEREMONE TRAP		2.0000	C	V	.00
06/21/95	THIRD YEAR	E	INSECTICIDE	C. TREE	.7500	C	V	.00
06/21/95	THIRD YEAR	H	CHEMICAL APPL.	C. TREE	2.7000	C	V	.00
06/21/95	THIRD YEAR	M	SPRAYING	C. TREE	1.0000			.00
07/11/95	THIRD YEAR	E	HERB, POST-EMERGE	C. TREE	.3300	C	V	.00
07/11/95	THIRD YEAR	M	SPRAYING	C. TREE	1.0000			.00
07/16/95	THIRD YEAR	M	SHREDDING	2 ROW	1.0000			.00
07/21/95	THIRD YEAR	E	INSECTICIDE	C. TREE	.7500	C	V	.00
07/21/95	THIRD YEAR	H	CHEMICAL APPL.	C. TREE	2.7000	C	V	.00
07/21/95	THIRD YEAR	E	HERB, PRE-EMERGE	C. TREE	1.0000	C	V	.00
07/21/95	THIRD YEAR	M	SPRAYING	C. TREE	1.0000			.00
07/26/95	THIRD YEAR	H	SHEARING LABOR		15.2500	C	V	.00
08/02/95	THIRD YEAR	E	PHEREMONE TRAP		2.0000	C	V	.00
08/16/95	THIRD YEAR	M	SHREDDING	2 ROW	1.0000			.00
08/21/95	THIRD YEAR	E	INSECTICIDE	C. TREE	.7500	C	V	.00
08/21/95	THIRD YEAR	H	CHEMICAL APPL.	C. TREE	2.7000	C	V	.00
08/21/95	THIRD YEAR	M	SPRAYING	C. TREE	1.0000			.00
09/16/95	THIRD YEAR	M	SHREDDING	2 ROW	1.0000			.00
09/16/95	THIRD YEAR	E	PHEREMONE TRAP		2.0000	C	V	.00
09/21/95	THIRD YEAR	E	INSECTICIDE	C. TREE	.7500	C	V	.00
09/21/95	THIRD YEAR	H	CHEMICAL APPL.	C. TREE	2.7000	C	V	.00
09/21/95	THIRD YEAR	M	SPRAYING	C. TREE	1.0000			.00
10/16/95	THIRD YEAR	M	SHREDDING	2 ROW	1.0000			.00
10/21/95	THIRD YEAR	M	DISCING-TANDEM	8 FT	.1200			.00
12/01/95	THIRD YEAR	K	FORAGE		1.0000	C	F	.00
02/16/96	FOURTH YEAR	M	GOPHER POISONING		1.0000			.00
02/16/96	FOURTH YEAR	E	POISON GRAIN		1.5000	C	V	.00
03/15/96	FOURTH YEAR	E	PHEREMONE TRAP		2.0000	C	V	.00
04/10/96	FOURTH YEAR	E	HERB, POST-EMERGE	C. TREE	.3300	C	V	.00
04/10/96	FOURTH YEAR	M	SPRAYING	C. TREE	1.0000			.00
04/15/96	FOURTH YEAR	M	SHREDDING	2 ROW	1.0000	C	V	.00
04/20/96	FOURTH YEAR	E	INSECTICIDE	C. TREE	1.2500	C	V	.00
04/20/96	FOURTH YEAR	H	CHEMICAL APPL.	C. TREE	2.7500	C	V	.00
04/20/96	FOURTH YEAR	E	HERB, PRE-EMERGE	C. TREE	1.0000	C	V	.00
04/20/96	FOURTH YEAR	M	SPRAYING	C. TREE	1.0000			.00
04/25/96	FOURTH YEAR	H	SHEARING LABOR		20.0000	C	V	.00
05/01/96	FOURTH YEAR	E	PHEREMONE TRAP		2.0000	C	V	.00
05/15/96	FOURTH YEAR	M	SHREDDING	2 ROW	1.0000	C	V	.00
05/20/96	FOURTH YEAR	E	INSECTICIDE	C. TREE	1.2500	C	V	.00
05/20/96	FOURTH YEAR	H	CHEMICAL APPL.	C. TREE	2.7500	C	V	.00
05/20/96	FOURTH YEAR	M	SPRAYING	C. TREE	1.0000			.00
06/15/96	FOURTH YEAR	M	SHREDDING	2 ROW	1.0000	C	V	.00
06/15/96	FOURTH YEAR	E	PHEREMONE TRAP		2.0000	C	V	.00
06/20/96	FOURTH YEAR	E	INSECTICIDE	C. TREE	1.2500	C	V	.00
06/20/96	FOURTH YEAR	H	CHEMICAL APPL.	C. TREE	2.7500	C	V	.00
06/20/96	FOURTH YEAR	M	SPRAYING	C. TREE	1.0000			.00
07/10/96	FOURTH YEAR	E	HERB, POST-EMERGE	C. TREE	.3300	C	V	.00
07/10/96	FOURTH YEAR	M	SPRAYING	C. TREE	1.0000			.00
07/15/96	FOURTH YEAR	M	SHREDDING	2 ROW	1.0000	C	V	.00
07/20/96	FOURTH YEAR	E	INSECTICIDE	C. TREE	1.2500	C	V	.00
07/20/96	FOURTH YEAR	H	CHEMICAL APPL.	C. TREE	2.7500	C	V	.00
07/20/96	FOURTH YEAR	E	HERB, PRE-EMERGE	C. TREE	1.0000	C	V	.00
07/25/96	FOURTH YEAR	H	SHEARING LABOR		15.0000	C	V	.00
08/01/96	FOURTH YEAR	E	PHEREMONE TRAP		2.0000	C	V	.00
08/15/96	FOURTH YEAR	M	SHREDDING	2 ROW	1.0000	C	V	.00
08/20/96	FOURTH YEAR	E	INSECTICIDE	C. TREE	1.2500	C	V	.00
08/20/96	FOURTH YEAR	H	CHEMICAL APPL.	C. TREE	2.7500	C	V	.00
08/20/96	FOURTH YEAR	M	SPRAYING	C. TREE	1.0000			.00
09/15/96	FOURTH YEAR	M	SHREDDING	2 ROW	1.0000	C	V	.00
09/15/96	FOURTH YEAR	E	PHEREMONE TRAP		2.0000	C	V	.00
09/20/96	FOURTH YEAR	E	INSECTICIDE	C. TREE	1.2500	C	V	.00
09/20/96	FOURTH YEAR	H	CHEMICAL APPL.	C. TREE	2.7500	C	V	.00
09/20/96	FOURTH YEAR	M	SPRAYING	C. TREE	1.0000			.00
10/15/96	FOURTH YEAR	M	SHREDDING	2 ROW	1.0000	C	V	.00
10/15/96	HARVEST	E	COLORING		6.0000	C	V	.00
10/15/96	HARVEST	H	COLORING LABOR		10.0000	C	V	.00
10/20/96	HARVEST	M	DISCING-TANDEM	8 FT	.1200			.00
11/15/96	HARVEST	E	NETTING		630.0000	C	V	.00
11/15/96	HARVEST	E	ADVERTISING		630.0000	C	V	.00
11/15/96	HARVEST	H	CUTTING LABOR		10.0000	C	V	.00
11/15/96	HARVEST	D	CHAIN SAW		6.0000	C	V	.00
11/15/96	HARVEST	H	BALING LABOR		37.0000	C	V	.00
11/15/96	HARVEST	D	CHRISTMAS TREE	BALER	9.0000	C	V	.00
11/30/96	FOURTH YEAR	K	FORAGE		1.0000	C	F	.00
11/30/96	HARVEST	H	GRADING LABOR		2.5000	C	V	.00
11/30/96	HARVEST	H	HARVEST & LOAD	LABOR	19.5000	C	V	.00

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

CHRISTMAS TREE PRODUCTION (CHOOSE & CUT)
East Texas Districts (5&9)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
=====	=====	=====	=====	=====	=====
TREES	630.000	EACH	20.0000	12600.00	
CHCUT					
Total GROSS Income				12600.00	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
=====	=====	=====	=====	=====	
ESTABLISHMENT					
SEEDLINGS	900.000	each	.060	54.00	
PHEREMONE TRAP	2.000	each	3.000	6.00	
PHEREMONE TRAP	2.000	each	3.000	6.00	
HERB, POST-EMERGE	0.330	gal	90.000	29.70	
INSECTICIDE	0.250	lb.	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	0.250	lb.	8.500	2.12	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	0.500	lb.	8.500	4.25	
PHEREMONE TRAP	2.000	each	3.000	6.00	
POISON GRAIN	1.500	lb.	.650	0.97	
INSECTICIDE	0.500	lb.	8.500	4.25	
Fuel & Lube - Machinery		Acre		7.60	
Repairs - Machinery		Acre		1.55	
Labor - Machinery	3.289	Hour	5.501	18.09	
- Other	32.200	Hour	4.762	153.34	
Total ESTABLISHMENT				339.82	
SECOND YEAR					
POISON GRAIN	1.500	lb.	.650	0.97	
PHEREMONE TRAP	2.000	each	3.000	6.00	
HERB, POST-EMERGE	0.330	gal	90.000	29.70	
INSECTICIDE	0.500	lb.	8.500	4.25	
HERB, PRE-EMERGE	1.000	lb.	13.000	13.00	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	0.500	lb.	8.500	4.25	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	0.500	lb.	8.500	4.25	
HERB, POST-EMERGE	0.330	gal	90.000	29.70	
INSECTICIDE	0.500	lb.	8.500	4.25	
HERB, PRE-EMERGE	1.000	lb.	13.000	13.00	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	0.500	lb.	8.500	4.25	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	0.500	lb.	8.500	4.25	
Fuel & Lube - Machinery		Acre		13.58	
Repairs - Machinery		Acre		3.00	
Labor - Machinery	7.517	Hour	5.500	41.35	
- Other	28.200	Hour	4.931	139.06	
Total SECOND YEAR				338.85	
THIRD YEAR					
POISON GRAIN	1.500	lb.	.650	0.97	
PHEREMONE TRAP	2.000	each	3.000	6.00	
HERB, POST-EMERGE	0.330	gal	90.000	29.70	
INSECTICIDE	0.750	lb.	8.500	6.37	
HERB, PRE-EMERGE	1.000	lb.	13.000	13.00	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	0.750	lb.	8.500	6.37	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	0.750	lb.	8.500	6.37	
HERB, POST-EMERGE	0.330	gal	90.000	29.70	
INSECTICIDE	0.750	lb.	8.500	6.37	
HERB, PRE-EMERGE	1.000	lb.	13.000	13.00	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	0.750	lb.	8.500	6.37	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	0.750	lb.	8.500	6.37	
Fuel & Lube - Machinery		Acre		14.49	
Repairs - Machinery		Acre		3.23	
Labor - Machinery	8.021	Hour	5.500	44.12	
- Other	41.700	Hour	4.953	206.56	
Total THIRD YEAR				423.02	

Projections for Planning Purposes Only
Not to be Used without Updating after October 13, 1993.

B-1241(C09)

VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total
=====	=====	=====	=====	=====
FOURTH YEAR				
POISON GRAIN	1.500	lb.	.650	0.97
PHEREMONE TRAP	2.000	each	3.000	6.00
HERB, POST-EMERGE	0.330	gal	90.000	29.70
INSECTICIDE	1.250	lb.	8.500	10.62
HERB, PRE-EMERGE	1.000	lb.	13.000	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	1.250	lb.	8.500	10.62
HERB, POST-EMERGE	0.330	gal	90.000	29.70
INSECTICIDE	1.250	lb.	8.500	10.62
HERB, PRE-EMERGE	1.000	lb.	13.000	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	1.250	lb.	8.500	10.62
Fuel & Lube - Machinery		Acre		13.48
Repairs - Machinery		Acre		2.98
Labor - Machinery	7.473	Hour	5.500	41.10
- Other	51.500	Hour	4.962	255.52
Total FOURTH YEAR				493.21
HARVEST				
COLORING	6.000	gal	9.500	57.00
INSURANCE	1.000	\$	1000.000	1000.00
SAWS	5.000	each	5.750	28.75
ADVERTISING	630.000	tree	.500	315.00
Fuel & Lube - Machinery		Acre		0.10
Repairs - Machinery		Acre		0.02
Labor - Machinery	0.044	Hour	5.503	0.24
- Other	46.000	Hour	4.891	225.00
Total HARVEST				1626.11
Interest - OC Borrowed	3284.377	Dol.	0.100	328.44
Total VARIABLE COST				3549.45
Break-Even Price, Total Variable Cost \$	5.63	per EACH of TREES		
GROSS INCOME minus VARIABLE COST				9050.55
FIXED COST Description	Unit		Total	
=====	=====		=====	
Machinery and Equipment	Acre		299.02	
Land	Acre		60.00	
Total FIXED Cost			359.02	
Break-Even Price, Total Cost \$	6.20	per EACH of TREES		
Total of ALL Cost				3908.47
NET PROJECTED RETURNS				8691.53