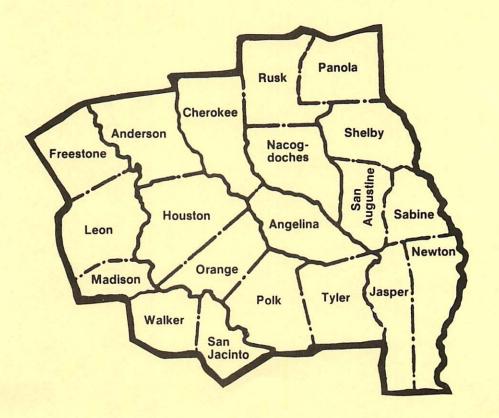
EAST TEXAS DISTRICT 9

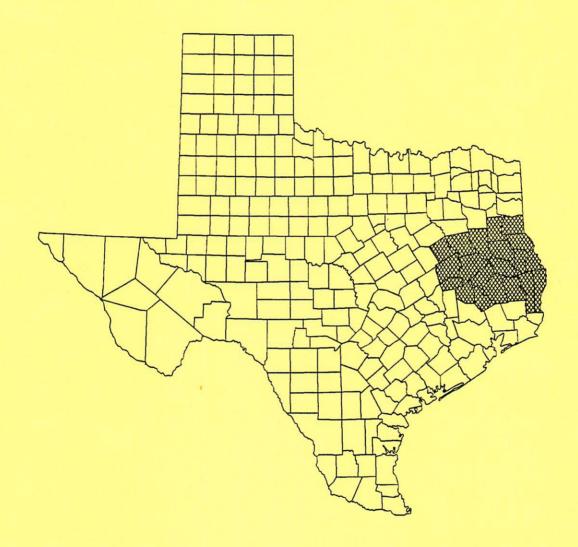




TEXAS CROP ENTERPRISE BUDGETS

EAST TEXAS DISTRICT

Projected for 1991



Data collected and submitted by Dr. Gregory M. Clary

Educational programs conducted by the Texas Agricultural Extension Service serve people of all ages regardless of socioeconomic level, race, color, sex, religion or national origin.

CORN, DRYLAND East Texas District (9) 1991 Projected Costs and Returns per Acre

155 Trojesteu	oosto una ket	.u. 110 p	or Acre		Your
GROSS INCOME Description . CORN Total GROSS Income	Quantity 90.000	Unit	\$ / Unit 2.5600	Total 230.40	Estimate
TOTAL GRUSS INCOME				230.40	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
LIME NITROGEN PHOSPHATE POTASH SEED HERB., PREMERGE NITROGEN Fuel & Lube - Machinery Repairs - Machinery Labor - Machinery	0.500 160.000 80.000 80.000 28.000 1.000 60.000	ton 1b. 1b. 1b. 1b. Acre Acre Hour	25.000 .280 .230 .130 1.080 8.430 .280	12.50 44.80 18.40 10.40 30.24 8.43 16.80 9.80 2.31 15.16	
Total PREHARVEST				168.84	
HARVEST CUSTOM COMBINING CUSTOM HAULING	90.000 90.000	acre bu.	. 220 . 080	19.80 7.20	
Total HARVEST				27.00	
Interest - DC Borrowed Total VARIABLE COST	108.939	Do1.	0.130	14.16	
Prock Even Onice Total Variable				,	
Break-Even Price, Total Variable	COSI \$ 2	pe	r bu. of CURN		
GROSS INCOME minus VARIABLE COST				20.40	
FIXED COST Description Machinery and Equipment Land		Unit Acre Acre		Total 22.16 15.00	
Total FIXED Cost				37.16	
Break-Even Price, Total Cost \$	2.74 per bu	. of C	ORN		
Total of ALL Cost				247.16	
NET PROJECTED RETURNS				-16.76	

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NA	AME	NUMBER OF Units	H	EIGHT PER EAD	NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
10/20/91	HARVEST	A	CORN		90.0000		.0000		.00	Y
DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAM		NUMBER OF Units •	CASH NON- CASH	OR VARI.	LANDLORD SHARE		
	PREHARVEST	M	DISCING	OFFSET	1.0000			.00		
	PREHARVEST	M	DISCING-TANDEM	13 FT.	1.0000			.00		
	PREHARVEST	Ë	LIME	15 11.	.5000	C	v	.00		
	PREHARVEST	Ñ	DISCING-TANDEM	13 FT.	1.0000	•		.00		
	PREHARVEST	H	DISCING-TANDEM	13 FT.	1.0000			.00		
03/10/91	PREHARVEST	Ĥ	APPLY FERTILIZER		1.0000			.00		
03/10/91	PREHARVEST	E	NITROGEN		160.0000	С	٧	.00		
03/10/91	PREHARVEST	E	PHOSPHATE		80.0000	С	٧	.00		
03/10/91	PREHARVEST	E	POTASH		80.0000	C	٧	.00		
03/15/91	PREHARVEST	M	PLANT & SPRAY		1.0000			.00		
03/15/91	PREHARVEST	E	SEED	CORN	28.0000	С	٧	.00		
03/15/91	PREHARVEST	E	HERB., PREMERGE	CORN	1.0000	С	٧	.00		
04/15/91	PREHARVEST	H	CULTIVATING	ROLLING	1.0000			.00		
04/30/91	PREHARVEST	H	PICKUP TRUCK		20.0000			.00		
05/10/91	PREHARVEST	E	NITROGEN		• 60.0000	С	٧	.00		
05/10/91	PREHARVEST	М	APPLY FERTILIZER		1.0000			.00		
	PREHARVEST	H	CULTIVATING	ROLLING	1.0000			.00		
10/20/91		G	CUSTOM COMBINING	-	90.0000	С	٧	.00		
10/20/91	HARVEST	G	CUSTOM HAULING	CORN-9	90.0000	С	٧	.00		
10/31/91		K	LAND CHARGE	CROPS	1.0000		F	.00	ı	

COASTAL BERMUDA ESTABLISHMENT East Texas District (9) 1991 Projected Costs and Returns per Acre

	joe tou oob to una notal no pol noi o								
GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate				
-WARNING- No gross receipts VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total					
ESTABLISHMENT LIME FERT. (17-17-17) HERB, PRE-EMERGE	0.500 475.000 1.000	ton 1b, acre	25.000 .160 6.000	12.50 76.00 6.00					
SPRIGGING FERT. (46-0-0) Fuel & Lube - Machinery Repairs - Machinery	1.000 220.000	acre 1b. Acre Acre	90.000	90.00 22.00 2.24 0.42					
Labor - Machinery	1.076	Hour	4.478	4.82					
Total ESTABLISHMENT				213.98					
Interest - OC Borrowed Total VARIABLE COST	78.537	Dol.	0.130	10.21 224.19					
GROSS INCOME minus VARIABLE COST				-224.19					
FIXED COST Description Machinery and Equipment		Unit ssss Acre	•	Total 6.17					
Total FIXED Cost				6.17					
Total of ALL Cost				230.36					
NET PROJECTED RETURNS				-230.36					

DATE	STAGE	TYPE	PRODUCT NAME	NUMBER	HEIGHT	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 NAM	E	NUMBER OF Units	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
	**********	SEEDS	*********	86585662				*****
02/15/91	ESTABLISHMENT	E	LIME		.5000	С	٧	.00
03/10/91	ESTABLISHMENT	E	FERT. (17-17-17)		475.0000	C	٧	.00
03/15/91	ESTABLISHMENT	E	HERB, PRE-EMERGE	BERMUDA	1.0000	С	٧	.00
03/15/91	ESTABLISHMENT	М	SPRAYING	PASTURE	1.0000			.00
03/20/91	ESTABLISHMENT	G	SPRIGGING		1.0000	С	٧	.00
04/30/91	ESTABLISHMENT	M	PICKUP TRUCK		20.0000			.00
05/05/91	ESTABLISHMENT	Ε	FERT. (46-0-0)		220.0000	С	٧	.00
05/15/91	ESTABLISHMENT	M	SPRAYING	PASTURE	1.0000			.00

COASTAL BERMUDAGRASS HAY East Texas District (9) 1991 Projected Costs and Returns per Acre

1991 Projected	Costs and Ret	urns p	er Acre		Varia
GROSS INCOME Description	Quantity 14.000	Unit sees roll	\$ / Unit 30.0000	Total 420.00	Your Estimate
Total GROSS Income				420.00	
VARIABLE COST Description	Quantity	Unit	\$ / Unit ·	Total	
FERT. (16-6-12) CUSTOM BALING CUSTOM HAULING Fuel & Lube - Machinery	625.000 4.000 4.000	1b. roll roll Acre	.080 12.000 2.000	50.00 48.00 8.00 0.37	
Repairs - Machinery Labor - Machinery	0.183	Acre Hour	4.001	0.07 0.73	
Total FIRST CUTTING SECOND CUTTING FERT. (46-0-0)	220.000	1b.	. 100	107.17	
FERT. (0-0-60) CUSTOM BALING CUSTOM HAULING Fuel & Lube - Machinery	130.000 4.000 4.000	1b. roll roll Acre	.080 12.000 2.000	10.40 48.00 8.00 0.37	
Repairs - Machinery Labor - Machinery	0.183	Acre	4.001	0.07 0.73	
Total SECOND CUTTING THIRD CUTTING				89.57	
FERT. (46-0-0) FERT. (0-0-60) CUSTOM BALING	220.000 130.000 3.000	1b. 1b. roll	.100 .080 12.000	22.00 10.40 36.00	
CUSTOM HAULING Fuel & Lube - Machinery Repairs - Machinery Labor - Machinery	3.000 0.183	roll Acre Acre Hour	2.000 4.001	6.00 0.37 0.07 0.73	
Total THIRD CUTTING FOURTH CUTTING	0.100	riou:	4.001	75.57	
FERT. (46-0-0) FERT. (0-0-60) CUSTOM BALING CUSTOM HAULING LIME Fuel & Lube - Machinery Repairs - Machinery	110.000 65.000 3.000 3.000 0.330	1b. 1b. roll roll ton Acre Acre	.100 .080 12.000 2.000 25.000	11.00 5.20 36.00 6.00 8.25 0.37	
Labor - Machinery Total FOURTH CUTTING	0.183	Hour	4.001	0.73	
Interest - OC Borrowed	5.161	Dol.	0.130	0.67	
Total VARIABLE COST				340.62	
Break-Even Price, Total Variable	Cost \$ 24	.33 pe	r roll of HAY		
GROSS INCOME minus VARIABLE COST				79.38	
FIXED COST Description Machinery and Equipment Land Perennial Crop		Unit sss Acre Acre Acre		Total 3.66 8.00 15.36	
Total FIXED Cost				27.02	
Break-Even Price, Total Cost \$	26.26 per ro	11 of	HAY		
Total of ALL Cost				367.64	
NET PROJECTED RETURNS				52.36	

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT	NAME	NUMBER OF UNITS	H	EIGHT PER EAD	NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
	FIRST CUTTING	A	HAY		4,0000		.0000	C	.00	Y
	SECOND CUTTING	Â	HAY		4.0000		.0000	_	.00	Ý
,,	THIRD CUTTING	Â	HAY		3.0000		.0000	_	.00	Ý
	FOURTH CUTTING	Ã	HAY		3.0000		.0000	_	.00	Ý
								_		Ť
DATE	STAGE	TYPE	INPUT I	IAME	NUMBER	CASH	FIXED L)	
	OF	OF			OF	NON-		SHARE		
	PRODUCTION	INPUT			UNITS	CASH	VARI.			
	CIDET CUTTING		CERTAINS AND		625.0000	C	V	.00		
	FIRST CUTTING FIRST CUTTING	E M	FERT. (16-6-12) PICKUP TRUCK	,	5.0000	C	•	.00		
	FIRST CUTTING	G	CUSTOM BALING	ROUND	4.0000	С	٧	.00		
	FIRST CUTTING	G	CUSTOM BALING	ROLL	4,0000	č	Ÿ	.00		•
	SECOND CUTTING	E	FERT. (46-0-0)	ROLL	220.0000	č	Ÿ	.00		
	SECOND CUTTING	Ē	FERT. (0-0-60)		130.0000	_	Ÿ	.00		
	SECOND CUTTING	H	PICKUP TRUCK		5.0000		•	.00		
	SECOND CUTTING	Ğ	CUSTOM BALING	ROUND	4.0000	С	٧	.00		
	SECOND CUTTING	Ğ	CUSTOM HAULING	ROLL	4.0000	č	ý	.00		
	THIRD CUTTING	Ē	FERT. (46-0-0)		220.0000	Č	Ý	.00		
	THIRD CUTTING	Ē	FERT. (0-0-60)		130.0000	č	Ý	.00		
	THIRD CUTTING	Ä	PICKUP TRUCK		5.0000	-	•	.00		
07/20/91	THIRD CUTTING	Ğ	CUSTOM BALING	ROUND	3.0000	С	٧	.00)	
07/20/91	THIRD CUTTING	G	CUSTOM HAULING	ROLL	3.0000	С	٧	.00)	
07/25/91	FOURTH CUTTING	E	FERT. (46-0-0)		110.0000	С	V	.00)	
07/25/91	FOURTH CUTTING	E	FERT. (0-0-60)		65.0000	С	٧	.00)	
08/20/91	FOURTH CUTTING	Н	PICKUP TRUCK		5.0000			.00	li .	
08/27/91	FOURTH CUTTING	G	CUSTOM BALING	ROUND	3.0000	C	٧	.00	1	
08/27/91	FOURTH CUTTING	G	CUSTOM HAULING	ROLL	3.0000	С	٧	.00)	
08/30/91	FOURTH CUTTING	E	LIME		.3300	С	٧	.00		
08/31/91	FOURTH CUTTING	L	COASTAL BERMUDA	4 9	1.0000		F	.00)	
08/31/91		K	FORAGE	9	1.0000		F	.00	1	

B-1241(CO9)

COASTAL BERMUDA PASTURE, MAINTENANCE East Texas District (9) 1991 Projected Costs and Returns per Acre

1351 Flojected	COSTS AND REC	uris p	GI ACI'S		Your
GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Estimate
-WARNING- No gross receipts					
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
200000000000000000000000000000000000000	********			********	
FERT. (16-6-12) HERBICIDE	375.000 1.000	lb. acre	.080	30.00 6.00	
FERT. (46-0-0)	65.000	lb.	. 100		
LIME	0.330			6.50	
	0.330	ton	25.000	8.25	
Fuel & Lube - Machinery		Acre		1.36	
Repairs - Machinery Labor - Machinery	0.700	Acre	E 40E	0.25	
Labor - Machinery Interest - OC Borrowed	0.732	Hour	5.125	3.75	
Interest - UC Borrowed	19.588	Dol.	0.130	2.55	
Total WARTARIE OPET					
Total VARIABLE COST				58.66	
GROSS INCOME minus VARIABLE COST				-58.66	
FIXED COST Description		Unit		Total	

Machinery and Equipment		Acre		6.30	
Perennial Crop		Acre		15.36	
Total FIXED Cost				21.65	
Total of ALL Cost				80.32	
NET PROJECTED RETURNS				-80.32	

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

-MARNING- NO VALID RECEIPTS RECORDS

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT	NAME	NUMBER OF Units	CASH NON- CASH	FIXED OR VARI.	LANDLORD Share
*******		86666				***	EXCES:	BERKESS.
04/15/91		Ε	FERT. (16-6-12)	375.0000	С	٧	.00
06/30/91	•	M	PICKUP TRUCK		5.0000			.00
07/01/91		E	HERBICIDE	PASTURE	1.0000	С	٧	.00
07/10/91		M	SHREDDING	2 ROH	1.0000			.00
07/15/91		E	FERT. (46-0-0)		65.0000	С	٧	.00
08/19/91		Ē	LIME		.3300	_	Ý	.00
09/30/91		Ē	COASTAL BERMUD	A 9	1,0000	_	Ė	.00

B-1241(CO9)

Projections for Planning Purposes Only Not to be Used without Updating after July 23, 1991.

COMMON BERMUDAGRASS PASTURE, MAINTENANCE East Texas District (9) 1991 Projected Costs and Returns per Acre

		٦٠			Your
GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Estimate
-WARNING- No gross receipts					
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
	E0022000000		*******	5555555555	
FERT. (17-17-17)	200.000	1b.	. 160	32.00	
2-4-D	1.000	qt.	2.560	2.56	
FERT. (46-0-0)	110.000	1b.	. 100	11.00	
LIME	0.250	ton	25.000	6.25	
Fuel & Lube - Machinery		Acre		1.75	
Repairs - Machinery		Acre		0.31	
Labor - Machinery	0.904		5.196	4.69	
Interest - OC Borrowed	21.153	Dol.	0.130	2.75	
Total VARIABLE COST				222222222	
TOTAL VARIABLE COST				. 61.31	
GROSS INCOME minus VARIABLE COST				-61.31	
FIXED COST Description		Unit		Total	

Machinery and Equipment		Acre		7.55	
Tatal PIVED A				8000000000	
Total FIXED Cost				7.55	
Total of ALL Cost				68.86	
NET PROJECTED RETURNS				-68.86	

B-1241(CO9)

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

-MARNING- NO VALID RECEIPTS RECORDS

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT	NAME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
			SPURPREESBREE		*****			
04/15/91	•	E	FERT. (17-17-	17)	200.0000	С	٧	.00
06/15/91		E	2-4-D		1.0000	С	V	.00
06/15/91		M	SPRAYING	PASTURE	1.0000			.00
06/30/91		М	PICKUP TRUCK		5.0000			.60
07/10/91		M	SHREDDING	2 ROM	1.0000			.00
07/15/91		E	FERT. (46-0-0)	110.0000	C	٧	.00
08/15/91		E	LIME		.2500	С	٧	.00

COAS BERMUDA PAST MAINT, RESEEDED CLOVER, RYEGRASS East Texas District (9) 1991 Projected Costs and Returns per Acre

1551 110300100	COSTS EIIG RCC	.ui 113 p	C. ACI C		Your
GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Estimate
-WARNING- No gross receipts VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
FERT (6-24-24) SEED, ARROWLEAF SEED, RYEGRASS INDCULANT FERT. (46-0-0) HERBICIDE LIME Fuel & Lube - Machinery Repairs - Machinery Labor - Machinery Interest - DC Borrowed	300.000 5.000 10.000 1.000 110.000 1.000 0.250	lb. lb. acre lb. acre ton Acre Acre Hour Dol.	.090 1.250 .250 1.500 .100 6.000 25.000	27.00 6.25 2.50 1.50 11.00 6.00 6.25 1.97 0.36 5.13 5.77	
Total VARIABLE COST				73.73	
GROSS INCOME minus VARIABLE COST				-73.73	
FIXED COST Description Machinery and Equipment Perennial Crop		Unit ==== Acre Acre		Total 8.10 15.36	
Total FIXED Cost				23.46	
Total of ALL Cost				97.18	
NET PROJECTED RETURNS				-97.18	

B-1241(CO9)

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

-MARNING- NO VALID RECEIPTS RECORDS

DATE	STAGE OF Production	TYPE OF INPUT	INPUT N	AME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
					**********		****	
09/10/90		M	SHREDDING	2 ROW	1.0000			.00
10/15/90		E	FERT. (6-24-24)		300.0000	С	٧	.00
10/15/90		E	SEED, ARROWLEAF		5.0000	С	٧	.00
10/15/90		E	SEED, RYEGRASS		10.0000	С	٧	.00
10/15/90		E	INOCULANT	ARROWLF	1.0000	С	٧	.00
02/28/91		М	PICKUP TRUCK		8.0000			.00
06/15/91		E	FERT. (46-0-0)		110.0000	С	٧	.00
07/15/91		E	HERBICIDE	PASTURE	1.0000	С	٧	.00
07/15/91		М	SPRAYING	PASTURE	1.0000			.00
08/15/91		E	LIME		.2500	С	٧	.00
08/31/91		L	COASTAL BERMUDA	9	1.0000		F	.00

SMALL GRAINS - RYEGRASS WINTER PASTURE East Texas District (9) 1991 Projected Costs and Returns per Acre

1991 Projected Costs and Returns per Acre										
GROSS INCOME Description	Quantity	Unit		Total	Your Estimate					
-WARNING- No gross receipts										
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total						
888888888888888888888888888888888888888		2222	0000000000	8888888888						
LIME	0.330	ton	25.000	8.25						
FERT. (6-24-24)	300.000	1b.	.090	27.00						
SEED, ELBON RYE	100.000	1b.	. 160	16.00						
SEED, RYEGRASS	20.000	1b.	. 250	5.00						
CUSTOM PLANTING	1.000	acre	6.250	6.25						
INSECTICIDE	1.000	lb.	3.100	3.10						
FERT. (46-0-0)	110.000	lb.	. 100	11.00						
FERT. (46-0-0)	110.000	lb.	. 100	11.00						
FERT. (46-0-0)	130.000	lb.	. 100	13.00						
Fuel & Lube - Machinery		Acre		3.57						
Repairs - Machinery		Acre		0.72						
Labor - Machinery	1.542	Hour	4.787	7.38						
Interest - OC Borrowed	68.400	Dol.	0.130	8.89						
				2222222222						
Total VARIABLE COST				121.17						
GROSS INCOME minus VARIABLE COST				-121.17						
FIXED COST Description		Unit		Total						
22222222222222222222222222222		2222		85588888888						
Machinery and Equipment		Acre		9.84						
Total FIXED Cost				9.84						
Total of ALL Cost				131.01						
NET PROJECTED RETURNS				-131.01						

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

-MARNING- NO VALID RECEIPTS RECORDS

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT N	IAME	NUMBER OF Units	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
08/15/90		М	DISCING	OFFSET	1,0000			.00
09/05/90		E	LIME		.3300	С	٧	.00
09/10/90		H	DISCING-TANDEM	8 FT	1.0000	_	-	.00
09/15/90		E	FERT. (6-24-24)		300.0000	С	٧	.00
09/20/90		E	SEED, ELBON RYE		100.0000	С	٧	.00
09/20/90		E	SEED, RYEGRASS		20.0000	С	٧	.00
09/20/90		G	CUSTOM PLANTING	SM.GRAIN	1.0000	С	٧	.00
09/30/90		E	INSECTICIDE	SM.GRAIN	1.0000	С	٧	.00
09/30/90		M	SPRAYING	PASTURE	1.0000			.00
10/15/90		E	FERT. (46-0-0)		110.0000	С	٧	.00
11/30/90		M	PICKUP TRUCK		20.0000			.00
02/15/91		E	FERT. (46-0-0)		110.0000	С	٧	.00
04/15/91		Ε	FERT. (46-0-0)		130.0000	C	٧	.00

CHRISTMAS TREE PRODUCTION (WHOLESALE) East Texas Districts (5&9) 1991 Projected Costs and Returns per Acre

1991 Projected	Costs and Ret	urns p	er Acre		Varia
GROSS INCOME Description TREES WHLSLE	Quantity 630.000	Unit EACH	\$ / Unit 9.0000	Total 5670.00	Your Estimate
Total GROSS Income				5670.00	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
ESTABLISHMENT SEEDLINGS	900.000		.060	54.00	
PHEREMONE TRAP	2.000	each each	3.000	6.00	
PHEREMONE TRAP HERB,POST-EMERGE	2.000 0.330	each gal	3.000 90.000	6.00 29.70	
INSECTICIDE	0.250	Ĭb.	8.500	2.12	
PHEREMONE TRAP Insecticide	2.000 0.250	each 1b.	3.000 8.500	6.00 2.12	
HERB,POST-EMERGE Insecticide	0.330 0.250	gal lb.	90.000 8.500	29.70 2.12	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE Pheremone trap	0.500 2.000	lb. each	8.500 3.000	4.25 6.00	
POISON GRAIN	1.500	lb.	. 650	0.97	
INSECTICIDE Fuel & Lube - Machinery	0.500	1b. Acre	8.500	4.25 7.60	
Repairs - Machinery	3.289	Acre	5.501	1.46	
Labor - Machinery - Other	32.200	Hour Hour	4.762	18.09 153.34	
Total ESTABLISHMENT				339.74	
SECOND YEAR POISON GRAIN	1.500	1b.	. 650	0.97	
PHEREMONE TRAP	2.000	each	3.000	6.00	***************************************
HERB,POST-EMERGE INSECTICIDE	0.330 0.500	gal lb.	90.000 8.500	29.70 4.25	
HERB, PRE-EMERGE	1.000	1b.	13.000	13.00	
PHEREMONE TRAP Insecticide	2.000 0.500	each 1b.	3.000 8.500	6.00 4.25	
PHEREMONE TRAP Insecticide	2.000 0.500	each 1b.	3.000 8.500	6.00 4.25	
HERB, POST-EMERGE	0.330	gal	90.000	29.70	
INSECTICIDE Herb, pre-emerge	0.500 1.000	1b. 1b.	8.500 13.000	4.25 13.00	
PHERÉMONE TRAP Insecticide	2.000 0.500	each 1b.	3.000 8.500	6.00 4.25	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE Fuel & Lube - Machinery	0.500	1b. Acre	8.500	4.25 13.58	
Repairs - Machinery	2 542	Acre	E 500	2.82	
Labor - Machinery - Other	7.517 28.200	Hour Hour	5.500 4.931	41.35 139.06	
Total SECOND YEAR				338.68	
THIRD YEAR 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	۱b.	13.000	13.00	
PHEREMONE TRAP Insecticide	2.000 0.750	each 1b.	3.000 8.500	6.00 6.37	
PHEREMONE TRAP Insecticide	2.000 0.750	each 1b.	3.000 8.500	6.00 6.37	
HERB, POST-EMERGE	0.330	ga 1	90.000	29.70	
INSECTICIDE Herb, pre-emerge	0.750 1.000	1b. 1b.	8.500 13.000	6.37 13.00	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE Pheremone trap	0.750 2.000	1b. each	8.500 3.000	6.37 6.00	
INSECTICIDE Fuel & Lube - Machinery	0.750	1b. Acre	8.500	6.37 14.49	
Repairs - Machinery	. ـ ـ ـ ـ ـ	Acre	_	3.04	
Labor - Machinery - Other	8.021 41.700	Hour Hour	5.500 4.953	44.12 206.56	
Total THIRD YEAR				422.83	

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 HERB, PRE-EMERGE PHEREMONE TRAP INSECTICIDE PHEREMONE TRAP INSECTICIDE	1.500 2.000 0.330 1.250 1.000 2.000 1.250 2.000 1.250 0.330 1.250 1.000 2.000 1.250	1b. each gal lb. each lb. each lb. gal 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 3.000 8.500 3.000	0.97 6.00 29.70 10.62 13.00 6.00 10.62 6.00 10.62 13.00 6.00 10.62 6.00	
Fuel & Lube - Machinery Repairs - Machinery Labor - Machinery - Other	7.473 51.500	Acre Acre Hour Hour	5.500 4.962	13.48 2.81 41.10 255.52	
Total FOURTH YEAR HARVEST COLORING NETTING ADVERTISING Fuel & Lube - Machinery Repairs - Machinery Labor - Machinery - Other	6.000 630.000 630.000 0.044 79.000	gal tree tree Acre Acre Hour	9.500 .300 .500 5.503 4.774	493.04 57.00 189.00 315.00 3.40 1.52 0.24 377.11	
Total HARVEST				943.27	
Interest - OC Borrowed Total VARIABLE COST	3249.044	Do1.	0.130	422.38 2959.93	
Break-Even Price, Total Variable	Cost \$ 4	.69 pe	r EACH of TRE	ES	
GROSS INCOME minus VARIABLE COST				2710.07	
FIXED COST Description Machinery and Equipment Land Total FIXED Cost		Unit acre Acre		Total 552.52 60.00	
Break-Even Price, Total Cost \$	5.67 per EA	ICH of	TREES		
Total of ALL Cost				3572.45	
NET PROJECTED RETURNS				2097.55	

Projections for Planning Purposes Only Not to be Used without Updating after July 23, 1991.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NA	AME	NUMBER OF Units	H H	EIGHT PER EAD	CASH I		EVEN PROD.
11/30/94		A	TREES	WHLSLE:		****	.000		.00	Υ
DATE	STAGE OF PRODUCTION	TYPE OF INPUT	SEEDLINGS PLANTING LABOR PHEREMONE TRAP DISCING—TANDEM PHEREMONE TRAP CHEMICAL APPL. HERB, POST—EMERGE DISCING—TANDEM INSECTICIDE CHEMICAL APPL. DISCING—TANDEM PHEREMONE TRAP INSECTICIDE CHEMICAL APPL. DISCING—TANDEM INSECTICIDE CHEMICAL APPL. DISCING—TANDEM INSECTICIDE CHEMICAL APPL. PHEREMONE TRAP DISCING—TANDEM INSECTICIDE CHEMICAL APPL. DISCING—TANDEM DISCING—TANDEM DISCING—TANDEM DISCING—TANDEM DISCING—TANDEM PHEREMONE TRAP DISCING—TANDEM PHEREMONE TRAP GOPHER POISONING POISON GRAIN INSECTICIDE CHEMICAL APPL. DISCING—TANDEM FORAGE GOPHER POISONING POISON GRAIN PHEREMONE TRAP HERB, POST—EMERGE SPRAYING SHREDDING INSECTICIDE CHEMICAL APPL. HERB, PRE—EMERGE SPRAYING PHEREMONE TRAP HERB, PRE—EMERGE SPRAYING PHEREMONE TRAP SHREDDING INSECTICIDE CHEMICAL APPL. SPRAYING SHREDDING SHREDDING HEREMONE TRAP HERBONE TRAP HERBONE TRAP HERBICAL APPL. SPRAYING SHREDDING SHREDDING HEREMONE TRAP HERBICAL APPL. SPRAYING SHREDDING HEREMONE TRAP HEREMONE TRAP HERBICAL APPL. SPRAYING SHREDDING HEREMONE TRAP HEREMONE TRAP HERBICAL APPL.	ME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE		
02/15/91 02/15/91	ESTABLISHMENT ESTABLISHMENT	E	SEEDLINGS PLANTING LABOR	C. TREE C. TREE	900.0000	C	V	.00		
03/15/91 04/15/91	ESTABLISHMENT ESTABLISHMENT	E M	PHEREMONE TRAP DISCING-TANDEM	8 FT	2.0000 1.0000	С	V	.00 .00		
05/01/91 05/10/91	ESTABLISHMENT ESTABLISHMENT	Ä	PHEREMONE TRAP CHEMICAL APPL.	C. TREE	2.0000 6.5000	C	V V	.00		
05/10/91 05/15/91	ESTABLISHMENT ESTABLISHMENT	E M	HERB, POST-EMERGE DISCING-TANDEM	C. TREE 8 FT	.3300 1.0000	C	V	.00		
05/20/91 05/20/91	ESTABLISHMENT ESTABLISHMENT	H	CHEMICAL APPL.	C. TREE	1.0000	C	Ÿ	.00		
06/15/91 06/15/91	ESTABLISHMENT ESTABLISHMENT	M E	PHEREMONE TRAP	8 FT	1.0000 2.0000	Ç	y	.00		
06/20/91 06/20/91	ESTABLISHMENT ESTABLISHMENT	H	CHEMICAL APPL.	C. TREE	1.0000	C	Ÿ	.00		
07/10/91 07/10/91	ESTABLISHMENT ESTABLISHMENT	H	HERB, POST-EMERGE CHEMICAL APPL.	C. TREE	.3300 6.5000	C	V	.00		
07/15/91 07/20/91	ESTABLISHMENT ESTABLISHMENT	M E	DISCING-TANDEM INSECTICIDE	8 FT C. TREE	1.0000 .2500	Ç	y	.00		
07/20/91 08/01/91	ESTABLISHMENT ESTABLISHMENT	H E	PHEREMONE TRAP	C. TREE	2.0000	C	V	.00		
08/15/91 08/20/91	ESTABLISHMENT ESTABLISHMENT	M E	INSECTICIDE	8 FT C. TREE	1.0000 .5000	Ç	V	.00		
08/20/91	ESTABLISHMENT	H M	DISCING	OFFSET	1.0000	C	٧	.00		
09/10/91	ESTABLISHMENT ESTABLISHMENT	M	DISCING-TANDEM DISCING-TANDEM	8 FT 8 FT	1.0000	_		.00		
09/15/91	ESTABLISHMENT ESTABLISHMENT	M	GOPHER POISONING		1.0000	C	V 	.00		
09/15/91	ESTABLISHMENT ESTABLISHMENT	Ë	POISON GRAIN INSECTICIDE	C. TREE	1.5000 .5000	Č	v V	.00		
09/20/91	ESTABLISHMENT ESTABLISHMENT	H	DISCING-TANDEM	8 FT	1.0000	C	· ·	.00		
02/15/92	SECOND YEAR	K M	GOPHER POISONING		1.0000	C	.,	.00		
02/15/92 03/14/92	SECOND YEAR SECOND YEAR	E	PHEREMONE TRAP		2.0000	Č	v V	.00		
04/09/92	SECOND YEAR SECOND YEAR	H M	SPRAYING	C. TREE	1.0000	C	٧	.00		
04/14/92	SECOND YEAR	E	INSECTICIDE	C. TREE	.5000	c	V	.00		
04/19/92	SECOND YEAR SECOND YEAR	E	HERB, PRE-EMERGE	C. TREE	1.0000	C	Ÿ	.00		
04/19/92	SECOND YEAR	E	PHEREMONE TRAP	C. IKEE	2.0000	С	V	.00.		
05/19/92	SECOND YEAR SECOND YEAR	Ē	INSECTICIDE	C. TREE	.5000	ç	y	.00		
05/19/92	SECOND YEAR	M	SPRAYING	C. TREE	1.0000	·	٧	.00 .00 .00		
06/14/92	SECOND YEAR	Ë	PHEREMONE TRAP	C TOEE	2.0000	Ç	V	.00		
06/19/92	SECOND YEAR	H	CHEMICAL APPL.	C. TREE	2.7000	č	Ÿ	.00		
07/09/92	SECOND YEAR	Ë	HERB, POST-ENERGE	C. TREE	.3300	С	٧	.00		
07/14/92	SECOND YEAR	Ä	SHREDDING	2 ROW	1.0000	c	v	.00		
07/19/92	SECOND YEAR	Ħ	CHEMICAL APPL.	C. TREE	2.7000	č	Ý	.00		
07/24/92	SECOND YEAR	Ħ	SHEARING LABOR	O. INEE	12.0000	č	Ÿ	.00		
08/14/92	SECOND YEAR	Ă	SHREDDING	2 ROW	1.0000	C	v	.00		
08/19/92 08/19/92	SECOND YEAR SECOND YEAR	H	CHEMICAL APPL.	C. TREE	2.7000	č	Ÿ			
09/14/92	SECOND YEAR SECOND YEAR	M F	SHREDDING PHEREMONE TRAP	2 ROH	1.0000	c	v	.00		
09/19/92	SECOND YEAR SECOND YEAR	Ē	INSECTICIDE	C. TREE	.5000 2.7000	č	Ý			
09/19/92 10/14/92	SECOND YEAR SECOND YEAR	Ä	SPRAYING SHREDDING	C. TREE	1.0000	·	٠	.00		
10/19/92	SECOND YEAR SECOND YEAR	H K	DISCING-TANDEM FORAGE	8 FT	1.0000	c	F	.00		
02/14/93	THIRD YEAR THIRD YEAR	H E	GOPHER POISONING POISON GRAIN		1.0000	c	V	.00		
03/15/93	THIRD YEAR THIRD YEAR	Ē	PHEREMONE TRAP	C. TREE	2.0000	č	Ÿ	.00		
04/10/93 04/15/93	THIRD YEAR THIRD YEAR	M M	SPRAYING SHREDDING	C. TREE 2 ROM	1.0000	-	•	.00		
04/20/93 04/20/93	THIRD YEAR THIRD YEAR	Ë	INSECTICIDE CHEMICAL APPL.	C. TREE	.7500 2.7000	C	V	.00		
04/20/93 04/20/93	THIRD YEAR THIRD YEAR	Ë	HERB, PRE-EMERGE SPRAYING	C. TREE C. TREE	1.0000 1.0000	С	Ÿ	.00		
04/25/93	THIRD YEAR	H	CHEMICAL APPL. SPRAYING SHREDDING PHEREMONE TRAP INSECTICIDE CHEMICAL APPL. SPRAYING HERB, POST-EMERGE SPRAYING SHREDDING INSECTICIDE CHEMICAL APPL. HERB, PRE-EMERGE SHEADING INSECTICIDE CHEMICAL APPL. HERB, PRE-EMERGE SHEADING INSECTICIDE CHEMICAL APPL. SPRAYING SHREDDING DISCING-TANDEM FORAGE GOPHER POISONING POISON GRAIN PHEREMONE TRAP HERB, POST-EMERGE SPRAYING SHEEDING INSECTICIDE CHEMICAL APPL. SPRAYING SHEEDING DISCING-TANDEM FORAGE GOPHER POISONING POISON GRAIN PHERB, POST-EMERGE SPRAYING SHEEDING INSECTICIDE CHEMICAL APPL. HERB, PRE-EMERGE SPRAYING SHEADING INSECTICIDE CHEMICAL APPL. HERB, PRE-EMERGE SPRAYING SHEARING LABOR		10.2500	С	٧	.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.

		, DO 0000 W. C.	out open		04.,	,	
05/01/93 THIRD YEAR	E	PHEREMONE TRAP		2.0000	C,	٧	.00
05/15/93 THIRD YEAR	M E	SHREDDING	2 ROW C. TREE	1.0000	С	V	.00
05/20/93 THIRD YEAR 05/20/93 THIRD YEAR	ħ	INSECTICIDE CHEMICAL APPL.	C. TREE	.7500 2.7000	Č	v	.00
05/20/93 THIRD YEAR	Ä		C. TREE	1.0000	•	•	.00
06/15/93 THIRD YEAR	M	SHREDDING	2 ROH	1.0000	_		.00
06/15/93 THIRD YEAR 06/20/93 THIRD YEAR	E E	PHEREMONE TRAP INSECTICIDE	C TREE	2.0000 .7500	C	V	.00
06/20/93 THIRD YEAR	Ä	CHEMICAL APPL.	C. TREE C. TREE	2.7000	Č	v	.00
06/20/93 THIRD YEAR	Ä	SPRAYING	C. TREE	1.0000	•	•	.00
07/10/93 THIRD YEAR	E	HERB, POST-EMERGE		.3300	C	٧	.00
07/10/93 THIRD YEAR 07/15/93 THIRD YEAR	M M	SPRAYING SHREDDING	C. TREE 2 ROW	1.0000 1.0000			.00
07/19/93 THIRD YEAR	E	INSECTICIDE	C. TREE	.7500	С	٧	.00
07/20/93 THIRD YEAR	H	CHEMICAL APPL.	C. TREE	2.7000	č	Ÿ	.00
07/20/93 THIRD YEAR	E	HERB, PRE-EMERGE	C. IKEE	1.0000	С	٧	.00
07/20/93 THIRD YEAR 07/25/93 THIRD YEAR	M H	SPRAYING SHEARING LABOR	C. TREE	1.0000 15.2500	С	٧	.00
08/01/93 THIRD YEAR	Ë	PHEREMONE TRAP		2.0000	č	Ÿ	.00
08/15/93 THIRD YEAR	·M	SHREDDING	2 ROW	1.0000			.00
08/20/93 THIRD YEAR	E	INSECTICIDE	C. TREE	.7500	Ç	Ÿ.	.00
08/20/93 THIRD YEAR 08/20/93 THIRD YEAR	H M	CHEMICAL APPL. SPRAYING	C. TREE C. TREE	2.7000 1.0000	С	٧	.00
09/15/93 THIRD YEAR	M	SHREDDING	2 ROH	1.0000			.00
09/15/93 THIRD YEAR	E	PHEREMONE TRAP		2.0000	C	٧	.00
09/20/93 THIRD YEAR	E	INSECTICIDE	C. TREE C. TREE	.7500	C	Ä	.00
09/20/93 THIRD YEAR 09/20/93 THIRD YEAR	H	CHEMICAL APPL.	C. TREE C. TREE	2.7000 1.0000	С	٧	.00
10/15/93 THIRD YEAR	M M	SPRAYING SHREDDING	2 RON	1.0000			.00
10/20/93 THIRD YEAR	Й	DISCING-TANDEM	8 FT	.1200			.00
11/30/93 THIRD YEAR	K	FORAGE		1.0000	С	F	.00
02/15/94 FOURTH YEAR	M	GOPHER POISONING		1.0000		٧	.00
02/15/94 FOURTH YEAR 03/15/94 FOURTH YEAR	E	POISON GRAIN PHEREMONE TRAP HERB, POST-EMERGE SPRAYING		1.5000 2.0000	C	v	.00 .00
04/10/94 FOURTH YEAR	Ē	HERB. POST-EMERGE	C. TREE	.3300	č	Ý	.00
04/10/94 FOURTH YEAR	M	SPRAÝING	C. TREE	1.0000	_		.00
04/15/94 FOURTH YEAR	M	2HKFDD1 MG	2 KUM	1.0000	C	Ÿ.	.00
Q4/20/94 FOURTH YEAR O4/20/94 FOURTH YEAR	E	INSECTICIDE CHEMICAL APPL.	C. TREE C. TREE	1.2500 2.7500	C	V	.00
04/20/94 FOURTH YEAR	Ë	HERB, PRE-EMERGE	C. TREE	1.0000	č	Ÿ	.00
04/20/94 FOURTH YEAR	M	SPRAYING	C. TREE	1.0000			.00
04/25/94 FOURTH YEAR	Ä	SHEARING LABOR		20.0000	Č	Ÿ	.00
05/01/94 FOURTH YEAR 05/15/94 FOURTH YEAR	E M	PHEREMONE TRAP SHREDDING	2 ROW	2.0000 1.0000	C	V	.00
05/20/94 FOURTH YEAR	Ë	INSECTICIDE	C. TREE	1.2500	С	Ÿ	.00
05/20/94 FOURTH YEAR	H	CHEMICAL APPL.	C. TREE	2.7500	С	٧	.00
05/20/94 FOURTH YEAR 06/15/94 FOURTH YEAR	M	SPRAYING SHREDDING	C. TREE	1.0000 1.0000	С	٧	.00
06/15/94 FOURTH YEAR	M E	PHEREMONE TRAP	2 ROW	2.0000	č	v	.00
06/20/94 FOURTH YEAR	Ē	INSECTICIDE	C. TREE	1.2500	Č	Ý	.00
06/20/94 FOURTH YEAR	H	CHEMICAL APPL.	C. TREE	2.7500	С	٧	.00
06/20/94 FOURTH YEAR 07/10/94 FOURTH YEAR	M E	SPRAYING HERB, POST-EMERGE	C. TREE	1.0000 .3300	С	V	.00
07/10/94 FOURTH YEAR	Ä	SPRAYING	C. TREE	1.0000	C	•	.00
07/15/94 FOURTH YEAR	H	SHREDDING	2 ROH	1.0000	С	٧	.00
07/20/94 FOURTH YEAR	Ë	INSECTICIDE	C. TREE	1.2500	Č	Ÿ	.00
07/20/94 FOURTH YEAR 07/20/94 FOURTH YEAR	H E	CHEMICAL APPL. HERB, PRE-EMERGE	C. TREE	2.7500 1.0000	C	V	.00
07/25/94 FOURTH YEAR	Ĥ	SHEARING LABOR	C. IKLL	15.0000	č	Ÿ	.00
08/01/94 FOURTH YEAR	E	PHEREMONE TRAP		2.0000	Ċ	Ý	.00
08/15/94 FOURTH YEAR	M	SHREDDING	2 ROW	1.0000	Č	Ä	.00
08/20/94 FOURTH YEAR 08/20/94 FOURTH YEAR	E	INSECTICIDE CHEMICAL APPL.	C. TREE C. TREE	1.2500 2.7500	C	V V	.00
08/20/94 FOURTH YEAR	Ж	SPRAYING	C. TREE	1.0000	·	•	.00
09/15/94 FOURTH YEAR	M	SHREDDING	2 ROH	1.0000	C	٧	.00
09/15/94 FOURTH YEAR	Ē	PHEREMONE TRAP		2.0000	Č	Ä	.00
09/20/94 FOURTH YEAR 09/20/94 FOURTH YEAR	E H	INSECTICIDE CHEMICAL APPL.	C. TREE C. TREE	1.2500 2.7500	C	V V	.00
09/20/94 FOURTH YEAR	Ä	SPRAYING	C. TREE	1.0000	·	•	.00
10/15/94 FOURTH YEAR	М	SHREDDING	2 ROH	1.0000	С	٧	.00
10/15/94 HARVEST	E	COLORING		6.0000	Ç	Ä	.00
10/15/94 HARVEST 10/20/94 HARVEST	H	COLORING LABOR DISCING-TANDEM	8 FT	10.0000 .1200	С	Y	.00
11/15/94 HARVEST	Ë	NETTING	-	630.0000	С	٧	.00
11/15/94 HARVEST	Ē	ADVERTISING		630.0000	C	Ý	.00
11/15/94 HARVEST	H	CUTTING LABOR		10.0000	Ç	Ä	.00
11/15/94 HARVEST 11/15/94 HARVEST	D H	CHAIN SAM BALING LABOR		6.0000 37.0000	C	V V	.00
11/15/94 HARVEST	Ö	CHRISTMAS TREE	BALER	9.0000	č	٧	.00
11/30/94 FOURTH YEAR	K	FORAGE		1.0000	С	F	.00
11/30/94 HARVEST 11/30/94 HARVEST	H	GRADING LABOR HARVEST & LOAD	LABOR	2.5000	C	V	.00
11/30/77 HARVES!	п	HARTESI & LUAD	LADOR	19.5000	C	•	.00

CHRISTMAS TREE PRODUCTION (CHOOSE & CUT) East Texas Districts (5&9) 1991 Projected Costs and Returns per Acre

1991 Projected	Costs and Ret	urns p	er Acre		V
GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
	ERREREER	2222	\$ / OIIIt		
TREES CHCUT	630.000	EACH	20.0000	12600.00	
	000.000		20.0000	2222222222	
Total GROSS Income				12600.00	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
200000000000000000000000000000000000000	8888888888		E000500000		
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 PHEREMONE TRAP	0.250	1b.	8.500	2.12	
INSECTICIDE	2.000	each	3.000	6.00	
HERB, POST-EMERGE	0.250 0.330	lb. gal	8.500 90.000	2.12	
INSECTICIDE	0.330	lb.	8.500	29.70 2.12	
PHEREMONE TRAP	2.000	each	3.000	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	1b.	8.500	4.25	
Fuel & Lube - Machinery	• • • • • • • • • • • • • • • • • • • •	Acre		7.60	
Repairs - Machinery		Acre		1.46	
Labor - Machinery	3.289	Hour	5.501	18.09	
- Other	32.200	Hour	4.762	153.34	
-					
Total ESTABLISHMENT				339.74	
SECOND YEAR					
POISON GRAIN	1.500	1b.	. 650	0.97	
PHEREMONE TRAP	2.000	each	3.000	6.00	
HERB,POST-EMERGE Insecticide	0.330	gal	90.000	29.70	
HERB, PRE-EMERGE	0.500 1.000	1b.	8.500	4.25	
PHEREMONE TRAP	2.000	lb. each	13.000	13.00	
INSECTICIDE	0.500	1b.	3.000 8.500	6.00 4.25	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	0.500	1b.	8.500	4.25	
HERB, POST-EMERGE	0.330	gal	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	0.500	1b.	8.500	4.25	
PHEREMONE TRAP	2.000	each	3.000	6.00	
INSECTICIDE	0.500	1b.	8.500	4.25	
Fuel & Lube - Machinery		Acre		13.58	
Repairs - Machinery		Acre		2.82	
Labor - Machinery	7.517	Hour	5.500	41.35	
- Other	28.200	Hour	4.931	139.06	
. Total SECOND YEAR				338.68	
THIRD YEAR				330.08	
POISON GRAIN	1,500	1b.	. 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	ĩb.	8.500	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	0.750	1b.	8.500	6.37	
HERB, POST-EMERGE	0.330	gal	90.000	29.70	
INSECTICIDE	0.750		8.500	6.37	
HERB, PRE-EMERGE PHEREMONE TRAP	1.000	lb.	13.000	13.00	
INSECTICIDE	2.000 0.750	each 1b.	3.000 8.500	6.00	
PHEREMONE TRAP	2.000	each	3.000	6.37	
INSECTICIDE	0.750	lb.	8.500	6.00 6.37	
Fuel & Lube - Machinery	0.750	Acre	8.500	14.49	-
Repairs - Machinery		Acre		3.04	
Labor - Machinery	8.021	Hour	5.500	44.12	
- Other	41.700	Hour	4.953	206.56	
Total THIRD YEAR				422.83	

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 INSECTICIDE HERB, PRE-EMERGE PHEREMONE TRAP INSECTICIDE FUEL & LUDE - 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 2.000 1.250	lb. each gal lb. each lb. gal lb. each lb. each lb. each	.650 3.000 90.000 8.500 13.000 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 6.00 10.62 6.00	
- Other	51.500	Hour	4.962	255.52	
Total FOURTH YEAR HARVEST COLORING INSURANCE SAWS ADVERTISING Fuel & Lube - Machinery Repairs - Machinery Labor - Machinery - Other Total HARVEST Interest - OC Borrowed	6.000 1.000 5.000 630.000 0.044 46.000	gal \$ each tree Acre Acre Hour Hour	9.500 1000.000 5.750 .500 5.503 4.891	493.04 57.00 1000.00 28.75 315.00 0.10 0.02 0.24 225.00 1626.11 430.09	
	00001000		00		
Total VARIABLE COST				3650.48	
Break-Even Price, Total Variable	e Cost \$ 5	.79 pe	r EACH of TRE	ES	
GROSS INCOME minus VARIABLE COST				8949.52	
FIXED COST Description Machinery and Equipment Land Total FIXED Cost		Unit ==== Acre Acre		Total 307.52 60.00	
Break-Even Price, Total Cost \$	6.37 per EA	ICH of	TREES		
Total of ALL Cost				4018.00	
NET PROJECTED RETURNS				8582.00	

CASH LANDLORD BREAK

Projections for Planning Purposes Only Not to be Used without Updating after July 23, 1991.

NUMBER

HEIGHT

PRODUCT NAME

DATE

STAGE

TYPE

DATE	OF	OF	PRODUCT	IAME	NUMBER OF	1	PER	NON-	SHARE
	PRODUCTION	PROD.		-	UNITS		EAD	CASH	******
11/30/94		A	TREES		630.0000		.000		.00
DATE	STAGE	TYPE	INPUT -NA	ME	NUMBER	CASH	FIXED	LANDLORD	
	OF PRODUCTION	OF INPUT			OF Units	NON- CASH	OR Vari.	SHARE	
02/15/91	FSTARI TSHMENT	F	SEEDLINGS		000 0000		CREES	.00	
02/15/91	ESTABLISHMENT	Ĥ	PLANTING LABOR		10.0000 2.0000 1.0000	č	ý	.00	
04/15/91	ESTABLISHMENT	H	PHEREMONE TRAP DISCING-TANDEM	8 FT	1.0000	C	V	.00	
05/01/91 05/10/91	ESTABLISHMENT ESTABLISHMENT	E	PHEREMONE TRAP CHEMICAL APPL.		2.0000 6.5000		Ÿ	.00	
05/10/91	ESTABLISHMENT	Ë	HERB, POST-EMERG	E C. TREE	.3300	č	Ý	.00	
05/20/91	ESTABLISHMENT	Ë	INSECTICIDE	8 FT C. TREE	1.0000 .2500	С	V	.00	
05/20/91	ESTABLISHMENT ESTABLISHMENT	H M	CHEMICAL APPL. DISCING-TANDEM	C. TREE 8 FT	1.0000 1.0000		Y	.00	
	ESTABLISHMENT ESTABLISHMENT	E E	PHEREMONE TRAP INSECTICIDE	C. TREE	2.0000 .2500	C	Y Y Y Y	.00	
06/20/91	ESTABLISHMENT	Н	CHEMICAL APPL.	C. TREE	1.0000	č	ÿ	.00	
07/10/91	ESTABLISHMENT ESTABLISHMENT	E H	HERB, POST-EMERGI CHEMICAL APPL.			C	Ÿ	.00	
	ESTABLISHMENT ESTABLISHMENT	M E	DISCING-TANDEM INSECTICIDE	8 FT C. TREE	1.0000	С	v	.00	
07/20/91	ESTABLISHMENT ESTABLISHMENT	H E	CHEMICAL APPL. PHEREMONE TRAP	C. TREE	1.8000	č	Ý	.00	
08/15/91	ESTABLISHMENT	M	DISCING-TANDEM		2.0000 1.0000	_	· · · · · · · · · · · · · · · · · · ·	.00	
08/20/91	ESTABLISHMENT ESTABLISHMENT	E H	INSECTICIDE CHEMICAL APPL.	C. TREE	.5000 2.7000	C	V	.00	
	ESTABLISHMENT ESTABLISHMENT	M M	DISCING	OFFSET 8 FT	1.0000	-		.00	
00/15/01	ESTABLISHMENT ESTABLISHMENT	M	DISCING-TANDEM	8 FT	1.0000	_		.00	
03/13/31	E2 ADT 12HWEN	M	PHEREMONE TRAP GOPHER POISONING	3	2.0000 1.0000		٧	.00	
09/20/91	ESTABLISHMENT ESTABLISHMENT	E	POISON GRAIN INSECTICIDE	C. TREE	1.5000 .5000		Y Y	.00	
00 /00 /01	CCTABL TOINENT		CHEMICAL APPL.	C. TREE	2.7000	č	Ÿ	.00	
11/30/91	ESTABLISHMENT	ĸ	DISCING-TANDEM FORAGE		1.0000 1.0000	С	F	.00	
02/15/92 02/15/92	SECOND YEAR SECOND YEAR	M E	GOPHER POISONING POISON GRAIN	3	1.0000 1.5000	С	V	.00	
03/14/92	SECOND YEAR	E	PHEREMONE TRAP	C TREE	2,0000		Ý	.00	
04/09/92	ESTABLISHMENT ESTABLISHMENT SECOND YEAR	Ä	HERB, POST-EMERGI SPRAYING	C. TREE	1.0000	·	•	.00	
04/14/92	SECOND YEAR	E	INSECTICIDE	2 ROW C. TREE C. TREE		С	٧	.00	
04/19/92 04/19/92	SECOND YEAR SECOND YEAR	H	CHEMICAL APPL. HERB, PRE-EMERGI	C. TREE	2.7000 1.0000		Y	.00	
04/19/92	SECOND YEAR	Ä		C. TREE	1.0000		V	.00	
05/14/92	SECOND YEAR	Ä	SHREDDING	2 ROH	2.0000 1.0000	_		.00	
05/19/92 05/19/92	SECOND YEAR SECOND YEAR	H	INSECTICIDE CHEMICAL APPL.	C. TREE	.5000 2.7000		V	.00	
05/19/92 06/14/92	SECOND YEAR SECOND YEAR	M	SPRAYING SHREDDING	C. TREE 2 ROH	1.0000			.00	
06/14/92	SECOND YEAR	Ë	PHEREMONE TRAP		2.0000	Ç	y	.00	
06/19/92	SECOND YEAR	H	INSECTICIDE CHEMICAL APPL.	C. TREE C. TREE	.5000 2.7000	C	Y	.00	
06/19/92	SECOND YEAR SECOND YEAR	. H	SPRAYING HERB, POST-EMERGI	C. TREE C. TREE	1.0000 .3300	С	٧	.00	
	SECOND YEAR SECOND YEAR	M	SPRAÝING SHREDDING	C. TREE 2 ROW	1.0000	_	·	.00	
07/19/92	SECOND YEAR	E	INSECTICIDE	C. TREE	.5000	C	V	.00	
07/19/92	SECOND YEAR SECOND YEAR	H E	CHEMICAL APPL. HERB, PRE-EMERGI	C. TREE	2.7000 1.0000	C	V V	.00	
	SECOND YEAR SECOND YEAR	H	SHEARING LABOR PHEREMONE TRAP		12.0000 2.0000	C	V V	.00	
08/14/92	SECOND YEAR SECOND YEAR	M E	SHREDDING INSECTICIDE	2 ROW	1.0000	_	v	.00	
08/19/92	SECOND YEAR	н	CHEMICAL APPL.	C. TREE	.5000 2.7000	C	Ÿ	.00	
	SECOND YEAR SECOND YEAR	M M	SPRAYING SHREDDING	C. TREE 2 ROH	1.0000 1.0000			.00	
09/14/92	SECOND YEAR SECOND YEAR	E E	PHEREMONE TRAP INSECTICIDE	C. TREE	2.0000 .5000	C	V V	.00	
09/19/92	SECOND YEAR	н	CHEMICAL APPL.	C. TREE	2.7000	č	Ÿ	.00	
10/14/92	SECOND YEAR SECOND YEAR	M M	SPRAYING SHREDDING	C. TREE 2 ROW	1.0000 1.0000			.00	
	SECOND YEAR SECOND YEAR	M K	DISCING-TANDEM FORAGE	8 FT	.1200 1.0000	С	F	.00	
02/14/93	THIRD YEAR THIRD YEAR	H E	GOPHER POISONING POISON GRAIN	3	1.0000	_	V	.00	
03/15/93	THIRD YEAR	Ē	PHEREMONE TRAP		1.5000 2.0000	C	Ÿ	.00	
04/10/93	THIRD YEAR THIRD YEAR	E M	HERB, POST-EMERGI SPRAYING	C. TREE	.3300 1.0000	С	٧	.00	
	THIRD YEAR THIRD YEAR	M	SHREDDING INSECTICIDE	2 ROW C. TREE	1.0000 .7500	С	v	.00	
04/20/93	THIRD YEAR THIRD YEAR	Ä	CHEMICAL APPL.	C. TREE	2.7000	Ċ	Ÿ	.00	
04/20/93	THIRD YEAR	M	HERB, PRE-EMERGI SPRAYING	C. TREE	1.0000	C	V	.00.	
U4/25/93	THIRD YEAR	Н	SHEARING LABOR		10.2500	С	٧	.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.

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05/01/93 THIRD YEAR	E	PHEREMONE TRAP		2.0000	С	٧	.00
05/15/93 THIRD YEAR	⊸Ā	SHREDDING	2 ROW	1.0000	•	•	.00
05/20/93 THIRD YEAR	Ë	INSECTICIDE	C. TREE	.7500	С	٧	.00
05/20/93 THIRD YEAR	Ĥ	CHENICAL APPL.	C. TREE	2.7000	č	ř	.00
05/20/93 THIRD YEAR	Ä		C. TREE	1.0000		•	
		SPRAYING					.00
06/15/93 THIRD YEAR	H	SHREDDING	2 ROW	1.0000	_		.00
06/15/93 THIRD YEAR	Ē	PHEREMONE TRAP		2.0000	Ç	Y	.00
06/20/93 THIRD YEAR	E	INSECTICIDE	C. TREE	.7500	C	Y	.00
06/20/93 THIRD YEAR	н	CHEMICAL APPL.	C. TREE	2.7000	C	٧	.00
06/20/93 THIRD YEAR	M	SPRAYING HERB, POST-EMERGE	C. TREE	1.0000			.00
07/10/93 THIRD YEAR	E	HERB. POST-EMERGE	C. TREE	.3300	C	٧	.00
07/10/93 THIRD YEAR	M	SPRAYTHG	C. TREE	1.0000	•	•	.00
07/15/93 THIRD YEAR	Ä	SPRAYING SHREDDING	2 ROH	1.0000			.00
	Ë	INSECTICIDE			_	٧	
07/20/93 THIRD YEAR		INSECTICINE	C. TREE	.7500	Č		.00
07/20/93 THIRD YEAR	Ä	CHEMICAL APPL.	C. TREE	2.7000	Ç	y	.00
07/20/93 THIRD YEAR	E	HERB, PRE-EMERGE		1.0000	C	V	.00
07/20/93 THIRD YEAR	M	SPRAYING	C. TREE	1.0000			.00
07/25/93 THIRD YEAR	н	SHEARING LABOR		15.2500	С	٧	.00
08/01/93 THIRD YEAR	E	PHEREMONE TRAP		2.0000	С	٧	.00
08/15/93 THIRD YEAR	M	SHREDDING	2 ROW	1.0000			.00
08/20/93 THIRD YEAR	Ë	INSECTICIDE	C. TREE	.7500	С	٧	.00
08/20/93 THIRD YEAR	Ĥ	CHEMICAL APPL.	C. TREE	2.7000	č	Ÿ	.00
			C. TREE		·	•	
08/20/93 THIRD YEAR	H	SPRAYING		1.0000			.00
09/15/93 THIRD YEAR	M	SHREDDING	2 ROW	1.0000	_		.00
09/15/93 THIRD YEAR	E	PHEREMONE TRAP		2.0000	C	٧	.00
09/20/93 THIRD YEAR	E	INSECTICIDE	C. TREE C. TREE	.7500	C	٧	.00
09/20/93 THIRD YEAR	н	CHEMICAL APPL.	C. TREE	2.7000	C	٧	.00
09/20/93 THIRD YEAR	M	SPRAYING	C. TREE	1.0000			.00
10/15/93 THIRD YEAR	Ä	SHREDDING	2 ROW	1.0000			.00
10/20/93 THIRD YEAR	Ä	DISCING-TANDEM		.1200			.00
11/30/93 THIRD YEAR	ĸ	FORAGE	0 11	1.0000	С	F	.00
					C	r	
02/15/94 FOURTH YEAR	M	GOPHER POISONING		1.0000	_	.,	.00
02/15/94 FOURTH YEAR	Ē	POISON GRAIN		1.5000	Č	Ÿ	.00
03/15/94 FOURTH YEAR	E	PHEREMONE TRAP		2.0000	C	y	.00
04/10/94 FCURTH YEAR	E	HERB, POST-EMERGE		.3300	С	V	.00
04/10/94 FCURTH YEAR	М	SPRAYING	C. TREE	1.0000			.00
04/15/94 FOURTH YEAR	M	SHREDDING	2 ROW	1.0000	C	٧	.00
04/20/94 FOURTH YEAR	E	INSECTICIDE	C. TREE	1.2500	С	٧	.00
04/20/94 FOURTH YEAR	Ĥ	CHEMICAL APPL.	C. TREE	2.7500	Č	Ý	.00
04/20/94 FOURTH YEAR	Ë	HERB, PRE-EMERGE		1.0000	č	Ÿ	.00
04/20/94 FOURTH YEAR	Ă	SPRAYING	C. TREE	1.0000	•	•	.00
			C. IREE		_	v	
04/25/94 FOURTH YEAR	Ä	SHEARING LABOR		20.0000	Č	Ÿ	.00
05/01/94 FOURTH YEAR	E	PHEREMONE TRAP		2.0000	Č	y	۵٥.
05/15/94 FOURTH YEAR	H	SHREDDING	2 ROW	1.0000	Ç	Y	.00
05/20/94 FOURTH YEAR	E	INSECTICIDE	C. TREE	1.2500	Ç	V	.00
05/20/94 FOURTH YEAR	н	CHEMICAL APPL.	C. TREE	2.7500	C	٧	.00
05/20/94 FOURTH YEAR	M	SPRAYING	C. TREE	1.0000			.00
06/15/94 FOURTH YEAR	M	SHREDDING	2 ROH	1.0000	С	٧	.00
06/15/94 FOURTH YEAR	Ë	PHEREMONE TRAP		2.0000	Č	Ý	.00
06/20/94 FOURTH YEAR	Ē	INSECTICIDE	C. TREE	1.2500	č	Ý	.00
06/20/94 FOURTH YEAR	Й	CHEMICAL APPL.	C. TREE	2.7500	č	Ÿ	.00
					·	•	
06/20/94 FOURTH YEAR	Ă	SPRAYING	C. TREE	1.0000	_	••	.00
07/10/94 FOURTH YEAR	E	HERB, POST-EMERGE	C. TREE	.3300	С	Y	.00
07/10/94 FOURTH YEAR	M	SPRAYING	C. TREE	1.0000	_		.00
07/15/94 FOURTH YEAR	M	SHREDDING	2 ROH	1.0000	C	٧	.00
07/20/94 FOURTH YEAR	Ε	INSECTICIDE	C. TREE	1.2500	С	٧	.00
07/20/94 FOURTH YEAR	Н	CHEMICAL APPL.	C. TREE	2.7500	Ċ	V	.00
07/20/94 FOURTH YEAR	E	HERB, PRE-EMERGE	C. TREE	1.0000	C	٧	.00
07/25/94 FOURTH YEAR	Ĥ	SHEARING LABOR		15.0000	č	Ý	.00
08/01/94 FOURTH YEAR	Ë	PHEREMONE TRAP		2.0000	č	Ý	.00
08/15/94 FOURTH YEAR		SHREDDING	2 RCW	1,0000	č	Ÿ	.00
08/20/94 FOURTH YEAR	Ë	INSECTICIDE	C. TREE	1.2500	č	Ÿ	.00
					č	Ÿ	
08/20/94 FOURTH YEAR	H	CHEMICAL APPL.	C. TREE	2.7500	L	٧	.00
08/20/94 FOURTH YEAR	M	SPRAYING	C. TREE	1.0000	_		.00
09/15/94 FOURTH YEAR	M	SHREDDING	2 ROH	1.0000	Ç	V	.00
09/15/94 FOURTH YEAR	E	PHEREMONE TRAP		2.0000	C	٧	.00
09/20/94 FOURTH YEAR	E	INSECTICIDE	C. TREE	1.2500	C	V	.00
09/20/94 FOURTH YEAR	н	CHEMICAL APPL.	C. TREE	2.7500	С	٧	.00
09/20/94 FOURTH YEAR	H	SPRAYING	C. TREE	1.0000			.00
10/15/94 FOURTH YEAR	Ж	SHREDDING	2 ROW	1.0000	С	٧	.00
10/15/94 HARVEST	Ë	COLORING		6.0000	č	Ÿ	.00
		COLORING LABOR		10.0000	č	Ÿ	.00
10/15/94 HARVEST		CATAILTING TWOOL		.1200	-	•	.00
10/15/94 HARVEST	H	DISCING-TANDEM	Ω FT				
10/20/94 HARVEST	М	DISCING-TANDEM	8 FT		_	٧.	
10/20/94 HARVEST 11/01/94 HARVEST	M E	INSURANCE	8 FT Liab.	1.0000	Č	y	.00
10/20/94 HARVEST 11/01/94 HARVEST 11/15/94 HARVEST	M E E	INSURANCE SAMS		1.0000 5.0000	С	Ý	.00 .00
10/20/94 HARVEST 11/01/94 HARVEST 11/15/94 HARVEST 11/15/94 HARVEST	M E E E	INSURANCE SAMS ADVERTISING		1.0000 5.0000 630.0000	C	V	.00 .00 .00
10/20/94 HARVEST 11/01/94 HARVEST 11/15/94 HARVEST 11/15/94 HARVEST 11/30/94 FOURTH YEAR	M E E K	INSURANCE SAMS ADVERTISING FORAGE		1.0000 5.0000 630.0000 1.0000	CCC	V V F	.00 .00 .00
10/20/94 HARVEST 11/01/94 HARVEST 11/15/94 HARVEST 11/15/94 HARVEST	M E E E	INSURANCE SAMS ADVERTISING		1.0000 5.0000 630.0000	C	V	.00 .00 .00