

OATS, NORTHEAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
OATS	65.00	BU.	1.70	110.50	_____
TOTAL PROJECTED RETURNS				\$ 110.50	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*NITROGEN	100.00	LB.	0.25	25.00	_____
*PHOSPHATE	80.00	LB.	0.25	20.00	_____
*POTASH	80.00	LB.	0.15	12.00	_____
*SEED	80.00	LB.	0.20	16.00	_____
*INSECTICIDE	1.00	APPL	6.00	6.00	_____
FUEL & LUBE---TRACTOR		ACRE		4.63	_____
EQUIPMENT		ACRE		1.62	_____
REPAIRS-----TRACTOR		ACRE		0.88	_____
EQUIPMENT		ACRE		0.65	_____
LABOR-----MACHINERY	1.45	HOUR	4.50	6.51	_____
EQUIPMENT	0.70	HOUR	4.50	3.15	_____
OPERATING CAPITAL	43.56	DOL.	0.140	6.10	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 102.54	\$ _____
HARVEST COSTS					
CUSTOM COMBINE	1.00	ACRE	15.00	15.00	_____
CUSTOM HAUL	65.00	BU.	0.18	11.70	_____
SUBTOTAL, HARVEST		ACRE		\$ 26.70	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 129.24	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 1.99/BU.	OATS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -18.74	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		15.20	_____
EQUIPMENT		ACRE		6.17	_____
LAND---NET SHARE-RENT		ACRE		6.70	_____
TOTAL FIXED COSTS		ACRE		\$ 28.08	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 157.31	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 2.42/BU.	OATS	
6. NET PROJECTED RETURNS		ACRE		\$ -46.81	\$ _____

LAND RENT BASED ON 25% OF GROSS LESS 25% OF FERT, HARV, HAUL.

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.

OATS, NORTHEAST TEXAS REGION
 1984 PROJECTED COSTS AND RETURNS PER ACRE
 TYPICAL MANAGEMENT

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST	
OFFSET DISC	T	4,32	AUG	1.00	0.273	0.207	1.32	1.23	0.0	4.08	6.63
RENTD.FERT.APPL1		5,86	SEPT	1.00	0.104	0.079	0.26	0.47	42.00	0.75	43.48
OFFSET DISC	T	4,32	SEPT	1.00	0.273	0.207	1.32	1.23	0.0	4.08	6.63
GRAIN DRILL	T	4,42	SEPT	1.00	0.378	0.286	1.90	1.70	16.00	5.90	25.50
SPRAYER	T	5,49	OCT	1.00	0.315	0.239	0.86	1.42	6.00	3.81	12.08
RENTD.FERT.APPL1		5,86	FEB	1.00	0.104	0.079	0.26	0.47	15.00	0.75	16.48
TOTALS					1.447	1.096	5.91	6.51	79.00	19.37	110.79

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES
 ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

QUANTITY OF OATS	PRICE OF OATS (DOLLARS)				
	1.36	1.59	1.70	1.87	2.04
BU.					
52.00	-53.52	-46.89	-40.26	-33.63	-27.00
58.50	-47.76	-40.31	-32.85	-25.39	-17.93
65.00	-42.01	-33.72	-25.44	-17.15	-8.86
71.50	-36.26	-27.14	-18.03	-8.91	0.21
78.00	-30.51	-20.56	-10.62	-0.67	9.27

NOTE: NEGATIVE RETURNS OVER VARIABLE COSTS MAY BE AVOIDABLE VIA CROP ABANDONMENT, GRAZE-OUT, OR OTHER MANAGEMENT STRATEGIES.

OATS, NORTHEAST TEXAS REGION
 1984 PROJECTED COSTS AND RETURNS PER ACRE
 HIGH LEVEL MANAGEMENT

CATEGORY	PROJECTED		PROJECTED		YOUR ESTIMATE
	YIELD	UNIT	\$/UNIT	VALUE	
1. GROSS RECEIPTS					
OATS	110.00	BU.	1.70	187.00	_____
TOTAL PROJECTED RETURNS				\$ 187.00	\$ _____
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*NITROGEN	160.00	LB.	0.25	40.00	_____
*PHOSPHATE	80.00	LB.	0.25	20.00	_____
*POTASH	80.00	LB.	0.15	12.00	_____
*SEED	80.00	LB.	0.20	16.00	_____
*INSECTICIDE	1.00	APPL	6.00	6.00	_____
FUEL & LUBE--TRACTOR		ACRE		4.95	_____
EQUIPMENT		ACRE		1.62	_____
REPAIRS-----TRACTOR		ACRE		0.95	_____
EQUIPMENT		ACRE		0.91	_____
LABOR-----MACHINERY	1.56	HOUR	4.50	7.01	_____
EQUIPMENT	0.70	HOUR	4.50	3.15	_____
OPERATING CAPITAL	46.65	DOL.	0.140	6.53	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 119.11	\$ _____
HARVEST COSTS					
CUSTOM COMBINE	1.00	ACRE	15.00	15.00	_____
CUSTOM HAUL	110.00	BU.	0.18	19.80	_____
SUBTOTAL, HARVEST		ACRE		\$ 34.80	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 153.91	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 1.40/BU.	OATS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 33.09	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		16.28	_____
EQUIPMENT		ACRE		3.96	_____
LAND---NET SHARE-RENT		ACRE		20.05	_____
TOTAL FIXED COSTS		ACRE		\$ 40.29	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 194.20	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 1.77/BU.	OATS	
6. NET PROJECTED RETURNS		ACRE		\$ -7.20	\$ _____

LAND RENT BASED ON 25% OF GROSS LESS 25% OF FERT, HARV, HAUL.

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.

OATS, NORTHEAST TEXAS REGION
 1984 PROJECTED COSTS AND RETURNS PER ACRE
 HIGH LEVEL MANAGEMENT

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST	
OFFSET DISC	H	4,66	AUG	1.00	0.295	0.223	1.52	1.33	0.0	4.15	6.99
RENTD.FERT.APPL1		5,86	SEPT	1.00	0.104	0.079	0.26	0.47	52.00	0.75	53.48
OFFSET DISC	H	4,66	SEPT	1.00	0.295	0.223	1.52	1.33	0.0	4.15	6.99
GRAIN DRILL	H	4,76	SEPT	1.00	0.389	0.295	1.97	1.75	16.00	5.43	25.15
SPRAYER	H	5,83	OCT	1.00	0.372	0.282	1.03	1.67	6.00	3.00	11.70
RENTD.FERT.APPL1		5,86	FEB	1.00	0.104	0.079	0.26	0.47	20.00	0.75	21.48
TOTALS					1.558	1.180	6.55	7.01	94.00	18.23	125.80

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES
 ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

QUANTITY OF OATS	BU.	PRICE OF OATS (DOLLARS)				
		1.36	1.53	1.70	1.87	2.04
88.00		-34.48	-23.26	-12.04	-0.82	10.40
99.00		-24.75	-12.12	0.50	13.12	25.74
110.00		-15.01	-0.99	13.04	27.06	41.09
121.00		-5.28	10.15	25.58	41.01	56.43
132.00		4.46	21.29	38.12	54.95	71.78

NOTE: NEGATIVE RETURNS OVER VARIABLE COSTS MAY BE AVOIDABLE VIA CROP ABANDONMENT, GRAZE-OUT, OR OTHER MANAGEMENT STRATEGIES.

SOYBEANS, NORTHEAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
SOYBEANS	25.00	BU.	6.15	153.75	_____
TOTAL PROJECTED RETURNS				\$ 153.75	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*PHOSPHATE	40.00	LB.	0.25	10.00	_____
*POTASH	40.00	LB.	0.15	6.00	_____
*SEED	45.00	LB.	0.16	7.20	_____
*HERBICIDE	1.00	ACRE	15.50	15.50	_____
*INSECTICIDE	2.00	APPL	4.67	9.34	_____
FUEL & LUBE--TRACTOR		ACRE		14.10	_____
EQUIPMENT		ACRE		1.62	_____
REPAIRS-----TRACTOR		ACRE		3.69	_____
EQUIPMENT		ACRE		1.20	_____
LABOR-----MACHINERY	3.05	HOUR	4.50	13.74	_____
EQUIPMENT	0.70	HOUR	4.50	3.15	_____
OPERATING CAPITAL	27.39	DOL.	0.140	3.83	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 89.38	\$ _____
HARVEST COSTS					
CUSTOM COMBINE	1.00	ACRE	15.00	15.00	_____
CUSTOM HAUL	25.00	BU.	0.25	6.25	_____
SUBTOTAL, HARVEST		ACRE		\$ 21.25	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 110.63	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 4.43/BU.	SOYBEANS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 43.12	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		35.08	_____
EQUIPMENT		ACRE		10.58	_____
LAND---NET SHARE-RENT		ACRE		29.12	_____
TOTAL FIXED COSTS		ACRE		\$ 74.79	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 185.42	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 7.42/BU.	SOYBEANS	
6. NET PROJECTED RETURNS		ACRE		\$ -31.67	\$ _____

LAND RENT BASED ON 25% OF GROSS LESS 25% OF FERT, HARV, HAUL.

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.

SOYBEANS, NORTHEAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST	
TANDEM DISC	T	3,34	DEC	1.00	0.224	0.170	1.56	1.01	0.0	3.41	5.97
TANDEM DISC	T	3,34	MAR	1.00	0.224	0.170	1.56	1.01	0.0	3.41	5.97
RENDD.FERT.APPL1		5,86	APR	1.00	0.104	0.079	0.26	0.47	16.00	0.75	17.48
LISTER-BEDDER	T	3,47	APR	1.00	0.227	0.172	1.56	1.02	0.0	2.96	5.54
SPRAYER	T	3,49	MAY	1.00	0.315	0.239	2.16	1.42	15.50	5.08	24.16
TOOL BAR CULT.	T	4,43	JUNE	1.00	0.322	0.244	1.57	1.45	0.0	4.26	7.28
PLANTER	T	3,39	JUNE	1.20	0.364	0.276	2.61	1.64	7.20	5.11	16.56
SPRAYER	T	3,49	JULY	2.00	0.630	0.477	4.32	2.83	9.34	10.16	26.66
TOOL BAR CULT.	T	4,43	JULY	1.00	0.322	0.244	1.57	1.45	0.0	4.26	7.28
TOOL BAR CULT.	T	4,43	AUG	1.00	0.322	0.244	1.57	1.45	0.0	4.26	7.28
TOTALS					3.053	2.313	18.74	13.74	48.04	43.66	124.19

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES
ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

QUANTITY OF SOYBEANS	PRICE OF SOYBEANS (DOLLARS)				
	4.92	5.53	6.15	6.76	7.38
BU.					
20.00	-26.58	-17.35	-8.13	1.10	10.32
22.50	-17.82	-7.44	2.94	13.31	23.69
25.00	-9.06	2.47	14.00	25.53	37.06
27.50	-0.31	12.38	25.06	37.75	50.43
30.00	8.45	22.29	36.12	49.96	63.80

NOTE: NEGATIVE RETURNS OVER VARIABLE COSTS MAY BE AVOIDABLE VIA CROP ABANDONMENT, GRAZE-OUT, OR OTHER MANAGEMENT STRATEGIES.

SOYBEANS, NORTHEAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
SOYBEANS	38.00	BU.	6.15	233.70	_____
TOTAL PROJECTED RETURNS				\$ 233.70	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*PHOSPHATE	60.00	LB.	0.25	15.00	_____
*POTASH	60.00	LB.	0.15	9.00	_____
*SEED	45.00	LB.	0.16	7.20	_____
*INNOCULANT	1.00	ACRE	1.35	1.35	_____
*HERBICIDE	1.00	ACRE	15.50	15.50	_____
*INSECTICIDE	3.00	APPL	4.67	14.01	_____
FUEL & LUBE--TRACTOR		ACRE		17.61	_____
EQUIPMENT		ACRE		1.78	_____
REPAIRS-----TRACTOR		ACRE		4.74	_____
EQUIPMENT		ACRE		1.86	_____
LABOR-----MACHINERY	3.71	HOUR	4.50	16.71	_____
EQUIPMENT	0.77	HOUR	4.50	3.46	_____
OPERATING CAPITAL	30.38	DOL.	0.140	4.25	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 112.47	\$ _____
HARVEST COSTS					
CUSTOM COMBINE	1.00	ACRE	15.00	15.00	_____
CUSTOM HAUL	38.00	BU.	0.25	9.50	_____
SUBTOTAL, HARVEST		ACRE		\$ 24.50	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 136.97	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 3.60/BU.	SOYBEANS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 96.73	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		42.45	_____
EQUIPMENT		ACRE		6.86	_____
LAND---NET SHARE-RENT		ACRE		46.30	_____
TOTAL FIXED COSTS		ACRE		\$ 95.61	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 232.58	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 6.12/BU.	SOYBEANS	
6. NET PROJECTED RETURNS		ACRE		\$ 1.12	\$ _____

LAND RENT BASED ON 25% OF GROSS LESS 25% OF FERT, HARV, HAUL.

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.

SOYBEANS, NORTHEAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST	
TANDEM DISC	H	3,68	DEC	1.00	0.227	0.172	1.68	1.02	0.0	3.15	5.85
TANDEM DISC	H	3,68	MAR	1.00	0.227	0.172	1.68	1.02	0.0	3.15	5.85
RENTD.FERT.APPL1	H	5,86	APR	1.00	0.104	0.079	0.26	0.47	24.00	0.75	25.48
LISTER-BEDDER	H	3,81	APR	1.00	0.310	0.235	2.16	1.40	0.0	3.81	7.36
SPRAYER	H	3,83	MAY	1.00	0.372	0.282	2.57	1.67	15.50	4.50	24.25
TOOL BAR CULT.	H	4,77	JUNE	1.00	0.291	0.221	1.42	1.31	0.0	3.86	6.59
PLANTER	H	3,73	JUNE	1.20	0.298	0.226	2.32	1.34	8.55	4.39	16.60
SPRAYER	H	3,83	JULY	1.00	0.372	0.282	2.57	1.67	9.34	4.50	18.09
TOOL BAR CULT.	H	4,77	JULY	1.00	0.291	0.221	1.42	1.31	0.0	3.86	6.59
SPRAYER	H	3,83	AUG	1.00	0.372	0.282	2.57	1.67	4.67	4.50	13.42
TOOL BAR CULT.	H	4,77	AUG	1.00	0.291	0.221	1.42	1.31	0.0	3.86	6.59
SPRAYER	H	3,83	SEPT	1.00	0.372	0.282	2.57	1.67	0.0	4.50	8.75
SPRAYER	H	3,83	OCT	0.50	0.186	0.141	1.28	0.84	0.0	2.25	4.37
TOTALS					3.713	2.813	23.93	16.71	62.06	47.10	149.80

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES
ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

QUANTITY OF SOYBEANS	PRICE OF SOYBEANS (DOLLARS)				
	4.92	5.53	6.15	6.76	7.38
BU.					
30.40	-11.24	2.78	16.80	30.82	44.84
34.20	2.07	17.84	33.61	49.39	65.16
38.00	15.37	32.90	50.43	67.96	85.48
41.80	28.68	47.96	67.24	86.52	105.80
45.60	41.99	63.03	84.06	105.09	126.13

NOTE: NEGATIVE RETURNS OVER VARIABLE COSTS MAY BE AVOIDABLE VIA CROP ABANDONMENT, GRAZE-OUT, OR OTHER MANAGEMENT STRATEGIES.

WHEAT, NORTHEAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
WHEAT	40.00	BU.	3.25	130.00	_____
DEFICIENCY PMT.	40.00	BU.	1.15	46.00	_____
TOTAL PROJECTED RETURNS				\$ 176.00	\$ _____
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
FERT (N) APPL'D	80.00	LB.	0.25	20.00	_____
FERT (P) APPL'D	40.00	LB.	0.25	10.00	_____
FERT (K) APPL'D	40.00	LB.	0.15	6.00	_____
*SEED (TREATED)	75.00	LB.	0.28	21.00	_____
*INSECTICIDE	1.00	APPL	6.00	6.00	_____
FUEL & LUBE--TRACTOR		ACRE		4.20	_____
EQUIPMENT		ACRE		1.46	_____
REPAIRS-----TRACTOR		ACRE		0.80	_____
EQUIPMENT		ACRE		0.62	_____
LABOR-----MACHINERY	1.24	HOUR	4.50	5.58	_____
EQUIPMENT	0.63	HOUR	4.50	2.83	_____
OPERATING CAPITAL	46.94	DOL.	0.140	6.57	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 85.06	\$ _____
HARVEST COSTS					
CUSTOM COMBINE	1.00	ACRE	15.00	15.00	_____
CUSTOM HAUL	40.00	BU.	0.25	10.00	_____
SUBTOTAL, HARVEST		ACRE		\$ 25.00	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 110.06	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS \$ 1.60/BU. WHEAT					
3. INCOME ABOVE VARIABLE COSTS					
		ACRE		\$ 65.94	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		13.70	_____
EQUIPMENT		ACRE		5.97	_____
LAND---NET SHARE-RENT		ACRE		28.75	_____
TOTAL FIXED COSTS		ACRE		\$ 48.42	\$ _____
5. TOTAL PROJECTED COSTS					
		ACRE		\$ 158.48	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS \$ 2.81/BU. WHEAT					
6. NET PROJECTED RETURNS					
		ACRE		\$ 17.52	\$ _____

LAND RENT BASED ON 25% OF GROSS LESS 25% OF FERT, HARV, HAUL.
PRICE BASED ON LOAN RATE ADJUSTED FOR STORAGE. DEFICIENCY
PAYMENT BASED ON COMPLIANCE WITH GOVT SET ASIDE PROGRAM

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.

WHEAT, NORTHEAST TEXAS REGION
 1984 PROJECTED COSTS AND RETURNS PER ACRE
 TYPICAL MANAGEMENT

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. MACH INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST	
OFFSET DISC	T	4,32	SEPT	1.00	0.273	0.207	1.32	1.23	0.0	4.08	6.63
OFFSET DISC	T	4,32	OCT	1.00	0.273	0.207	1.32	1.23	0.0	4.08	6.63
GRAIN DRILL	T	4,42	OCT	1.00	0.378	0.286	1.90	1.70	21.00	5.90	30.50
SPRAYER	T	5,49	NOV	1.00	0.315	0.239	0.86	1.42	6.00	3.81	12.08
TOTALS					1.240	0.939	5.39	5.58	27.00	17.86	55.84

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES
 ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

QUANTITY OF WHEAT	BU.	PRICE OF WHEAT (DOLLARS)				
		2.60	2.92	3.25	3.57	3.90
32.00		-3.31	4.49	12.29	20.09	27.89
36.00		7.19	15.96	24.74	33.51	42.29
40.00		17.69	27.44	37.19	46.94	56.69
44.00		28.19	38.91	49.64	60.36	71.09
48.00		38.69	50.39	62.09	73.79	85.49

NOTE: NEGATIVE RETURNS OVER VARIABLE COSTS MAY BE AVOIDABLE
 VIA CROP ABANDONMENT, GRAZE-OUT, OR OTHER MANAGEMENT
 STRATEGIES.

WHEAT, NORTHEAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

CATEGORY	PROJECTED		PROJECTED		YOUR ESTIMATE
	YIELD	UNIT	\$/UNIT	VALUE	
1. GROSS RECEIPTS					
WHEAT	50.00	BU.	3.25	162.50	_____
DEFICIENCY PMT.	50.00	BU.	1.15	57.50	_____
TOTAL PROJECTED RETURNS				\$ 220.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
FERT (N) APPL'D	120.00	LB.	0.25	30.00	_____
FERT (P) APPL'D	80.00	LB.	0.25	20.00	_____
FERT (K) APPL'D	80.00	LB.	0.15	12.00	_____
*SEED (TREATED)	75.00	LB.	0.28	21.00	_____
*INSECTICIDE	1.00	APPL	6.00	6.00	_____
HERBICIDE	0.50	OZ.	14.50	7.25	_____
FUEL & LUBE--TRACTOR		ACRE		4.53	_____
EQUIPMENT		ACRE		1.13	_____
REPAIRS-----TRACTOR		ACRE		0.86	_____
EQUIPMENT		ACRE		0.83	_____
LABOR-----MACHINERY	1.35	HOURL	4.50	6.08	_____
EQUIPMENT	0.49	HOURL	4.50	2.20	_____
OPERATING CAPITAL	51.67	DOL.	0.140	7.23	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 119.11	\$ _____
HARVEST COSTS					
CUSTOM COMBINE	1.00	ACRE	15.00	15.00	_____
CUSTOM HAUL	50.00	BU.	0.25	12.50	_____
SUBTOTAL, HARVEST		ACRE		\$ 27.50	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 146.61	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 1.78/BU.	WHEAT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 73.39	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		14.77	_____
EQUIPMENT		ACRE		3.36	_____
LAND---NET SHARE-RENT		ACRE		18.25	_____
TOTAL FIXED COSTS		ACRE		\$ 36.38	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 182.99	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 2.51/BU.	WHEAT	
6. NET PROJECTED RETURNS		ACRE		\$ 37.01	\$ _____

LAND RENT BASED ON 25% OF GROSS INCOME LESS 25% OF FERTILIZER, HARVEST AND HAULING. PRICE BASED ON LOAN RATE ADJUSTED FOR STORAGE. DEFICIENCY PAYMENT BASED ON COMPLIANCE WITH GOVERNMENT SET ASIDE PROGRAM.

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.

WHEAT, NORTHEAST TEXAS REGION
 1984 PROJECTED COSTS AND RETURNS PER ACRE
 HIGH LEVEL MANAGEMENT

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST	
OFFSET DISC	H	4,66	AUG	1.00	0.295	0.223	1.52	1.33	0.0	4.15	6.99
OFFSET DISC	H	4,66	SEPT	1.00	0.295	0.223	1.52	1.33	0.0	4.15	6.99
GRAIN DRILL	H	4,76	OCT	1.00	0.389	0.295	1.97	1.75	21.00	5.43	30.15
SPRAYER	H	5,83	NOV	1.00	0.372	0.282	1.03	1.67	6.00	3.00	11.70
TOTALS					1.350	1.023	6.04	6.08	27.00	16.73	55.84

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES
 ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

QUANTITY OF WHEAT	BU.	PRICE OF WHEAT (DOLLARS)				
		2.60	2.92	3.25	3.57	3.90
40.00		1.64	11.39	21.14	30.89	40.64
45.00		16.20	27.17	38.14	49.11	60.07
50.00		30.76	42.95	55.14	67.32	79.51
55.00		45.32	58.73	72.14	85.54	98.95
60.00		59.89	74.51	89.14	103.76	118.39

SOUTHERN PEAS, NORTHEAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
SOUTHERN PEAS	80.00	BU.	8.00	640.00	_____
TOTAL PROJECTED RETURNS				\$ 640.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
FERT (N) APPL'D	18.00	LB.	0.25	4.50	_____
FERT (P) APPL'D	72.00	LB.	0.25	18.00	_____
FERT (K) APPL'D	72.00	LB.	0.15	10.80	_____
*SEED	25.00	LB.	0.65	16.25	_____
*HERBICIDE	1.00	ACRE	10.00	10.00	_____
*HERBICIDE	1.00	ACRE	10.00	10.00	_____
FUEL & LUBE--TRACTOR		ACRE		7.17	_____
EQUIPMENT		ACRE		1.62	_____
REPAIRS-----TRACTOR		ACRE		1.45	_____
EQUIPMENT		ACRE		0.86	_____
LABOR-----MACHINERY	3.21	HOUR	4.50	14.47	_____
EQUIPMENT	0.70	HOUR	4.50	3.15	_____
OPERATING CAPITAL	-60.10	DOL.	0.140	-8.41	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 89.85	\$ _____
HARVEST COSTS					
HAND HARVEST	80.00	BU.	3.00	240.00	_____
CUSTOM HAUL	80.00	BU.	0.55	44.00	_____
SACKS	80.00	EACH	0.25	20.00	_____
SUBTOTAL, HARVEST		ACRE		\$ 304.00	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 393.85	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 4.92/BU.		SOUTHERN PEAS
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 246.15	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		24.98	_____
EQUIPMENT		ACRE		11.73	_____
LAND-CASH RENT	1.00	ACRE	15.00	15.00	_____
TOTAL FIXED COSTS		ACRE		\$ 51.72	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 445.57	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 5.57/BU.		SOUTHERN PEAS
6. NET PROJECTED RETURNS		ACRE		\$ 194.43	\$ _____

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.

SOUTHERN PEAS, NORTHEAST TEXAS REGION
 1984 PROJECTED COSTS AND RETURNS PER ACRE
 TYPICAL MANAGEMENT

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST	
TANDEM DISC	T	5,33	JAN	1.00	0.364	0.276	0.96	1.64	0.0	3.35	5.96
TANDEM DISC	T	5,33	FEB	1.00	0.364	0.276	0.96	1.64	0.0	3.35	5.96
PLANT-CULTIVATOR		5,93	APR	1.00	0.286	0.217	0.78	1.29	16.25	2.31	20.63
SPRAYER	T	5,50	APR	1.00	0.209	0.159	0.57	0.94	10.00	2.65	14.17
HARROW, MELON	T	5,52	APR	1.00	0.336	0.255	0.85	1.51	0.0	3.39	5.75
SPRAYER	T	5,50	MAY	2.00	0.419	0.317	1.15	1.88	10.00	5.30	18.33
TOOL BAR CULT.	T	4,43	JUNE	1.00	0.322	0.244	1.57	1.45	0.0	4.26	7.28
TANDEM DISC	T	5,33	JULY	1.00	0.364	0.276	0.96	1.64	0.0	3.35	5.96
SHREDDER(2R)	T	5,30	JULY	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
TOTALS					3.215	2.436	9.23	14.47	36.25	34.71	94.66

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES
 ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

QUANTITY OF SOUTHERN PEAS	PRICE OF SOUTHERN PEAS (DOLLARS)				
	6.40	7.20	8.00	8.80	9.60
BU.					
64.00	76.54	127.74	178.94	230.14	281.34
72.00	97.34	154.94	212.54	270.14	327.74
80.00	118.14	182.14	246.15	310.15	374.15
88.00	138.94	209.34	279.74	350.14	420.54
96.00	159.74	236.54	313.34	390.14	466.94

CHRISTMAS TREE ESTABLISHMENT, NORTHEAST TEXAS REGION
 1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
TOTAL PROJECTED RETURNS				\$ 0.0	\$ _____
2. VARIABLE COSTS					
		INPUT USE			
PREHARVEST COSTS					
*HERBICIDE	0.33	GAL.	80.00	26.40	_____
*POISON GRAIN	1.50	LB.	0.80	1.20	_____
*SEEDLINGS	680.00	EACH	0.05	34.00	_____
PLANTING LABOR	10.00	HOUR	4.50	45.00	_____
*HERBICIDE	0.66	GAL.	80.00	52.80	_____
HERB APPL LABOR	13.00	HOUR	4.88	63.44	_____
*INSECTICIDE	1.75	LB.	7.45	13.04	_____
INSEC APPL LABOR	9.20	HOUR	4.88	44.90	_____
FUEL & LUBE---TRACTOR		ACRE		8.52	_____
REPAIRS-----TRACTOR		ACRE		1.75	_____
EQUIPMENT		ACRE		0.51	_____
LABOR-----MACHINERY	4.15	HOUR	4.50	18.69	_____
OPERATING CAPITAL	155.98	DOL.	0.140	21.84	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 332.09	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 332.09	\$ _____
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -332.09	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		30.17	_____
EQUIPMENT		ACRE		20.69	_____
LAND-CASH RENT	1.00	ACRE	15.00	15.00	_____
TOTAL FIXED COSTS		ACRE		\$ 65.86	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 397.95	\$ _____
6. NET PROJECTED RETURNS		ACRE		\$ -397.95	\$ _____

HERBICIDE AND INSECTICIDE APPLICATION LABOR INCLUDES THE PRORATED COST OF HAND SPRAYER.

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 ESTABLISHMENT, NORTHEAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH		APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST	
						OPER COSTS	LABOR COSTS				
SHREDDER(2R)	T	5,30	MAY	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SHREDDER(2R)	T	5,30	JUNE	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SHREDDER(2R)	T	5,30	JULY	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SHREDDER(2R)	T	5,30	AUG	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SPRAYER	T	5,50	SEPT	1.00	0.209	0.159	0.57	0.94	26.40	2.65	30.57
GOPHER POISONER		5,41	SEPT	1.00	0.101	0.076	0.27	0.45	1.20	1.04	2.96
SHREDDER(2R)	T	5,30	SEPT	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SHREDDER(2R)	T	5,30	OCT	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SHREDDER(2R)	T	5,30	NOV	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
TOTALS					4.154	3.147	10.79	18.69	27.60	50.86	107.94

CHRISTMAS TREE PRODUCTION, SECOND YEAR, NORTHEAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
TOTAL PROJECTED RETURNS				\$ 0.0	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*POISON GRAIN	1.50	LB.	0.80	1.20	_____
*HERBICIDE	0.66	GAL.	80.00	52.80	_____
*INSECTICIDE	3.00	LB.	7.45	22.35	_____
SHEARING LABOR	12.00	HOUR	4.50	54.00	_____
FUEL & LUBE--TRACTOR		ACRE		16.46	_____
REPAIRS-----TRACTOR		ACRE		3.39	_____
EQUIPMENT		ACRE		3.07	_____
LABOR-----MACHINERY	8.02	HOUR	4.50	36.10	_____
OPERATING CAPITAL	72.76	DOL.	0.140	10.19	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 199.55	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 199.55	\$ _____
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -199.55	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		58.26	_____
EQUIPMENT		ACRE		66.36	_____
PRORATED ESTABL	397.95	DOL.	1.00	397.95	_____
RETURN ON INVEST	397.95	DOL.	0.18	71.63	_____
LAND-CASH RENT	1.00	ACRE	15.00	15.00	_____
TOTAL FIXED COSTS		ACRE		\$ 609.20	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 808.74	\$ _____
6. NET PROJECTED RETURNS		ACRE		\$ -808.74	\$ _____

ESTAB COST INCLUDES ALL DEV AND MAIN COSTS FROM YEAR 1 TO THE CURRENT YEAR
RET ON INV COST IS INTEREST CHARGE ON DEVELOPMENT COSTS IN PAST YEARS.

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, SECOND YEAR, NORTHEAST TEXAS REGION
 1984 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
GOPHER POISONER	5,41	FEB	1.00	0.101	0.076	0.27	0.45	1.20	1.04	2.96
SHREDDER(2R)	T 5,30	APR	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SPRAYER, C. TREE	5,99	APR	2.00	1.008	0.764	3.15	4.54	30.12	19.00	56.81
SHREDDER(2R)	T 5,30	MAY	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SPRAYER, C. TREE	5,99	MAY	1.00	0.504	0.382	1.57	2.27	3.72	9.50	17.07
SHREDDER(2R)	T 5,30	JUNE	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SPRAYER, C. TREE	5,99	JUNE	1.00	0.504	0.382	1.57	2.27	3.72	9.50	17.07
SHREDDER(2R)	T 5,30	JULY	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SPRAYER, C. TREE	5,99	JULY	2.00	1.008	0.764	3.15	4.54	30.12	19.00	56.81
SHREDDER(2R)	T 5,30	AUG	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SPRAYER, C. TREE	5,99	AUG	1.00	0.504	0.382	1.57	2.27	3.72	9.50	17.07
SHREDDER(2R)	T 5,30	SEPT	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SPRAYER, C. TREE	5,99	SEPT	1.00	0.504	0.382	1.57	2.27	3.72	9.50	17.07
SHREDDER(2R)	T 5,30	OCT	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
TANDEM DISC	T 5,33	OCT	0.12	0.044	0.033	0.12	0.20	0.0	0.40	0.71
TOTALS				8.022	6.077	22.91	36.10	76.35	124.62	259.98

CHRISTMAS TREE PRODUCTION, THIRD YEAR, NORTHEAST TEXAS REGION
 1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
TOTAL PROJECTED RETURNS				\$ 0.0	\$ _____
2. VARIABLE COSTS					
		INPUT USE			
PREHARVEST COSTS					
*POISON GRAIN	1.50	LB.	0.80	1.20	_____
*HERBICIDE	0.66	GAL.	80.00	52.80	_____
*INSECTICIDE	4.50	LB.	7.45	33.52	_____
SHEARING LABOR	23.00	HOUR	4.50	103.50	_____
FUEL & LUBE--TRACTOR		ACRE		16.46	_____
REPAIRS-----TRACTOR		ACRE		3.39	_____
EQUIPMENT		ACRE		3.07	_____
LABOR-----MACHINERY	8.02	HOUR	4.50	36.10	_____
OPERATING CAPITAL	108.63	DOL.	0.140	15.21	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 265.24	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 265.24	\$ _____
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -265.24	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		58.26	_____
EQUIPMENT		ACRE		66.36	_____
PRORATED ESTABL	808.74	DOL.	1.00	808.74	_____
RETURN ON INVEST	808.74	DOL.	0.18	145.57	_____
LAND-CASH RENT	1.00	ACRE	15.00	15.00	_____
TOTAL FIXED COSTS		ACRE		\$ 1093.93	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 1359.18	\$ _____
6. NET PROJECTED RETURNS		ACRE		\$ -1359.18	\$ _____

ESTAB COST INCLUDES ALL DEV AND MAIN COSTS FROM YEAR 1 TO THE CURRENT YEAR
 RET ON INV COST IS INTEREST CHARGE ON DEVELOPMENT COSTS IN PAST YEARS.

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, THIRD YEAR, NORTHEAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
GOPHER POISONER	5,41	FEB	1.00	0.101	0.076	0.27	0.45	1.20	1.04	2.96
SHREDDER(2R) T	5,30	APR	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SPRAYER, C. TREE	5,99	APR	2.00	1.008	0.764	3.15	4.54	31.99	19.00	58.67
SHREDDER(2R) T	5,30	MAY	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SPRAYER, C. TREE	5,99	MAY	1.00	0.504	0.382	1.57	2.27	5.59	9.50	18.93
SHREDDER(2R) T	5,30	JUNE	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SPRAYER, C. TREE	5,99	JUNE	1.00	0.504	0.382	1.57	2.27	5.59	9.50	18.93
SHREDDER(2R) T	5,30	JULY	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SPRAYER, C. TREE	5,99	JULY	2.00	1.008	0.764	3.15	4.54	31.99	19.00	58.67
SHREDDER(2R) T	5,30	AUG	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SPRAYER, C. TREE	5,99	AUG	1.00	0.504	0.382	1.57	2.27	5.59	9.50	18.93
SHREDDER(2R) T	5,30	SEPT	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SPRAYER, C. TREE	5,99	SEPT	1.00	0.504	0.382	1.57	2.27	5.59	9.50	18.93
SHREDDER(2R) T	5,30	OCT	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
TANDEM DISC T	5,33	OCT	0.12	0.044	0.033	0.12	0.20	0.0	0.40	0.71
TOTALS				8.022	6.077	22.91	36.10	87.52	124.62	271.15

CHRISTMAS TREE PRODUCTION (WHOLESALE), FOURTH YEAR
 NORTHEAST TEXAS REGION
 1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
TREES	408.00	EACH	12.00	<u>4896.00</u>	_____
TOTAL PROJECTED RETURNS				<u>\$ 4896.00</u>	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*POISON GRAIN	1.50	LB.	0.80	1.20	_____
*HERBICIDE	0.66	GAL.	80.00	52.80	_____
*INSECTICIDE	7.50	LB.	7.45	55.87	_____
SHEARING LABOR	35.00	HOUR	4.50	157.50	_____
FUEL & LUBE--TRACTOR		ACRE		16.46	_____
REPAIRS-----TRACTOR		ACRE		3.39	_____
EQUIPMENT		ACRE		3.07	_____
LABOR-----MACHINERY	8.02	HOUR	4.50	36.10	_____
OPERATING CAPITAL	-218.54	DOL.	0.140	<u>-30.60</u>	_____
SUBTOTAL, PREHARVEST		ACRE		<u>\$ 295.79</u>	\$ _____
HARVEST COSTS					
*COLORING	6.00	GAL.	9.50	57.00	_____
COLORING LABOR	6.00	HOUR	4.50	27.00	_____
NETTING	408.00	TREE	0.30	122.40	_____
ADVERTISING	408.00	TREE	0.25	102.00	_____
P-RATED EQP COST	1.00	ACRE	21.10	21.10	_____
GRADING LABOR	2.50	HOUR	4.50	11.25	_____
HARV/LOAD LABOR	19.50	HOUR	4.50	<u>87.75</u>	_____
SUBTOTAL, HARVEST		ACRE		<u>\$ 428.50</u>	\$ _____
TOTAL VARIABLE COSTS		ACRE		<u>\$ 724.29</u>	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS				\$ 1.78/EACH TREES	
3. INCOME ABOVE VARIABLE COSTS		ACRE		<u>\$ 4171.71</u>	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		58.26	_____
EQUIPMENT		ACRE		66.36	_____
PRORATED ESTABL	1359.18	DOL.	1.00	1359.18	_____
RETURN ON INVEST	1359.18	DOL.	0.18	244.65	_____
LAND-CASH RENT	1.00	ACRE	15.00	<u>15.00</u>	_____
TOTAL FIXED COSTS		ACRE		<u>\$ 1743.44</u>	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		<u>\$ 2467.73</u>	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS				\$ 6.05/EACH TREES	
6. NET PROJECTED RETURNS		ACRE		<u>\$ 2428.27</u>	\$ _____

ESTAB COST INCLUDES ALL DEV AND MAIN COSTS FROM YEAR 1 TO THE CURRENT YEAR
 RET ON INV COST IS INTEREST CHARGE ON DEVELOPMENT COSTS IN PAST YEARS.

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 (WHOLESALE), FOURTH YEAR
 NORTHEAST TEXAS REGION
 1984 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
GOPHER POISONER	5,41	FEB	1.00	0.101	0.076	0.27	0.45	1.20	1.04	2.96
SHREDDER(2R)	T 5,30	APR	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SPRAYER, C. TREE	5,99	APR	2.00	1.008	0.764	3.15	4.54	35.71	19.00	62.40
SHREDDER(2R)	T 5,30	MAY	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SPRAYER, C. TREE	5,99	MAY	1.00	0.504	0.382	1.57	2.27	9.31	9.50	22.65
SHREDDER(2R)	T 5,30	JUNE	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SPRAYER, C. TREE	5,99	JUNE	1.00	0.504	0.382	1.57	2.27	9.31	9.50	22.65
SHREDDER(2R)	T 5,30	JULY	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SPRAYER, C. TREE	5,99	JULY	2.00	1.008	0.764	3.15	4.54	35.71	19.00	62.40
SHREDDER(2R)	T 5,30	AUG	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SPRAYER, C. TREE	5,99	AUG	1.00	0.504	0.382	1.57	2.27	9.31	9.50	22.65
SHREDDER(2R)	T 5,30	SEPT	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
SPRAYER, C. TREE	5,99	SEPT	1.00	0.504	0.382	1.57	2.27	9.31	9.50	22.65
SHREDDER(2R)	T 5,30	OCT	1.00	0.549	0.416	1.42	2.47	0.0	6.74	10.63
TANDEM DISC	T 5,33	OCT	0.12	0.044	0.033	0.12	0.20	0.0	0.40	0.71
TOTALS				8.022	6.077	22.91	36.10	109.87	124.62	293.50

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES
 ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

EACH	PRICE OF TREES (DOLLARS)				
	9.60	10.80	12.00	13.20	14.40
326.40	2490.63	2882.31	3273.99	3665.67	4057.35
367.20	2841.57	3282.21	3722.85	4163.49	4604.12
408.00	3192.51	3682.11	4171.71	4661.30	5150.91
448.80	3543.45	4082.00	4620.56	5159.12	5697.68
489.60	3894.38	4481.90	5069.42	5656.94	6244.46

QUANTITY OF TREES