OATS, NORTHEAST TEXAS REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
OATS	65.00	BU.	2.05	133.25	________
TOTAL PROJECTED RETURNS			$	133.25	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*NITROGEN	100.00	LB.	0.25	25.00	________
*PHOSPHATE	80.00	LB.	0.24	19.20	________
*POTASH	80.00	LB.	0.15	12.00	________
*SEED	80.00	LB.	0.24	19.20	________
*INSECTICIDE	1.00	APPL	5.31	5.31	________
FUEL & LUBE--TRACTOR		ACRE		4.17	________
EQUIPMENT		ACRE		1.40	________
REPAIRS------TRACTOR		ACRE		0.76	________
EQUIPMENT		ACRE		0.65	________
LABOR--------MACHINERY	1.45	HOUR	4.50	6.51	________
EQUIPMENT	0.70	HOUR	4.50	3.15	________
OPERATING CAPITAL	43.70	DOL.	0.140	6.12	________
SUBTOTAL, PREHARVEST		ACRE	$	103.45	$________
HARVEST COSTS					
CUSTOM COMBINE	1.00	ACRE	25.00	25.00	________
CUSTOM HAUL	65.00	BU.	0.18	11.70	________
SUBTOTAL, HARVEST		ACRE	$	36.70	$________
TOTAL VARIABLE COSTS		ACRE	$	140.15	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 2.16/BU.	OATS		
3. INCOME ABOVE VARIABLE COSTS		ACRE	$	-6.90	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		13.33	________
EQUIPMENT		ACRE		6.31	________
LAND---NET SHARE-RENT		ACRE		10.09	________
TOTAL FIXED COSTS		ACRE	$	29.73	$________
5. TOTAL PROJECTED COSTS		ACRE	$	169.89	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 2.61/BU.	OATS		
6. NET PROJECTED RETURNS		ACRE	$	-36.64	$________

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
1983 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	1.18	1.23	0.0	3.70	6.12
RENTD.FERT.APPL	1	5,86	SEPT	1.00	0.104	0.079	0.23	0.47	41.20	0.65	42.54
OFFSET DISC	T	4,32	SEPT	1.00	0.273	0.207	1.18	1.23	0.0	3.70	6.12
GRAIN DRILL	T	4,42	SEPT	1.00	0.378	0.286	1.72	1.70	19.20	5.38	28.00
SPRAYER	T	5,49	OCT	1.00	0.315	0.239	0.77	1.42	5.31	3.53	11.02
RENTD.FERT.APPL	1	5,86	FEB	1.00	0.104	0.079	0.23	0.47	15.00	0.65	16.34
TOTALS					1.447	1.096	5.32	6.51	80.71	17.61	110.14

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF OATS (DOLLARS)

QUANTITY OF OATS (BU.)	1.64	1.84	2.05	2.25	2.46
52.00	-51.21	-43.22	-35.22	-27.23	-19.23
58.50	-44.10	-35.10	-26.11	-17.11	-8.12
65.00	-36.98	-26.99	-16.99	-7.00	3.00
71.50	-29.86	-18.87	-7.88	3.12	14.11
78.00	-22.74	-10.75	1.24	13.23	25.23

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

OATS, NORTHEAST TEXAS REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
OATS	110.00	BU.	2.05	225.50	________
TOTAL PROJECTED RETURNS				$ 225.50	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*NITROGEN	160.00	LB.	0.25	40.00	________
*PHOSPHATE	80.00	LB.	0.24	19.20	________
*POTASH	80.00	LB.	0.15	12.00	________
*SEED	80.00	LB.	0.24	19.20	________
*INSECTICIDE	1.00	APPL	5.31	5.31	________
FUEL & LUBE--TRACTOR		ACRE		4.46	________
EQUIPMENT		ACRE		1.40	________
REPAIRS------TRACTOR		ACRE		0.81	________
EQUIPMENT		ACRE		0.91	________
LABOR--------MACHINERY	1.56	HOUR	4.50	7.01	________
EQUIPMENT	0.70	HOUR	4.50	3.15	________
OPERATING CAPITAL	45.77	DOL.	0.140	6.41	________
SUBTOTAL, PREHARVEST		ACRE		$ 119.85	$________
HARVEST COSTS					
CUSTOM COMBINE	1.00	ACRE	25.00	25.00	________
CUSTOM HAUL	110.00	BU.	0.18	19.80	________
SUBTOTAL, HARVEST		ACRE		$ 44.80	$________
TOTAL VARIABLE COSTS		ACRE		$ 164.65	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 1.50/BU.	OATS		
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 60.85	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		14.27	________
EQUIPMENT		ACRE		4.04	________
LAND---NET SHARE-RENT		ACRE		27.38	________
TOTAL FIXED COSTS		ACRE		$ 45.69	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 210.34	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 1.91/BU.	OATS		
6. NET PROJECTED RETURNS		ACRE		$ 15.16	$________

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

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OATS, NORTHEAST TEXAS REGION
1983 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	1.38	1.33	0.0	3.73	6.44
RENTD.FERT.APPL1		5,86	SEPT	1.00	0.104	0.079	0.23	0.47	51.20	0.65	52.54
OFFSET DISC	H	4,66	SEPT	1.00	0.295	0.223	1.38	1.33	0.0	3.73	6.44
GRAIN DRILL	H	4,76	SEPT	1.00	0.389	0.295	1.78	1.75	19.20	4.89	27.62
SPRAYER	H	5,83	OCT	1.00	0.372	0.282	0.93	1.67	5.31	2.63	10.54
RENTD.FERT.APPL1		5,86	FEB	1.00	0.104	0.079	0.23	0.47	20.00	0.65	21.34
TOTALS					1.558	1.180	5.92	7.01	95.71	16.28	124.92

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF OATS (DOLLARS)

QUANTITY OF OATS (BU.)	1.64	1.84	2.05	2.25	2.46
88.00	-24.44	-10.91	2.62	16.15	29.68
99.00	-12.39	2.83	18.05	33.27	48.49
110.00	-0.35	16.57	33.48	50.39	67.30
121.00	11.70	30.30	48.91	67.51	86.11
132.00	23.74	44.04	64.33	84.63	104.92

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

SOYBEANS, NORTHEAST TEXAS REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
SOYBEANS	25.00	BU.	6.15	153.75	________
TOTAL PROJECTED RETURNS			$	153.75	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*PHOSPHATE	40.00	LB.	0.24	9.60	________
*POTASH	40.00	LB.	0.15	6.00	________
*SEED	45.00	LB.	0.24	10.80	________
*HERBICIDE	1.00	ACRE	15.50	15.50	________
*INSECTICIDE	2.00	APPL	4.67	9.34	________
FUEL & LUBE--TRACTOR		ACRE		12.69	________
EQUIPMENT		ACRE		1.40	________
REPAIRS------TRACTOR		ACRE		3.21	________
EQUIPMENT		ACRE		1.20	________
LABOR--------MACHINERY	3.05	HOUR	4.50	13.74	________
EQUIPMENT	0.70	HOUR	4.50	3.15	________
OPERATING CAPITAL	27.85	DOL.	0.140	3.90	________
SUBTOTAL, PREHARVEST		ACRE	$	90.53	$________
HARVEST COSTS					
CUSTOM COMBINE	25.00	BU.	0.60	15.00	________
CUSTOM HAUL	25.00	BU.	0.25	6.25	________
SUBTOTAL, HARVEST		ACRE	$	21.25	$________
TOTAL VARIABLE COSTS		ACRE	$	111.78	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 4.47/BU.	SOYBEANS		
3. INCOME ABOVE VARIABLE COSTS		ACRE	$	41.97	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		31.19	________
EQUIPMENT		ACRE		10.83	________
LAND---NET SHARE-RENT		ACRE		29.22	________
TOTAL FIXED COSTS		ACRE	$	71.24	$________
5. TOTAL PROJECTED COSTS		ACRE	$	183.02	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 7.32/BU.	SOYBEANS		
6. NET PROJECTED RETURNS		ACRE	$	-29.27	$________

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

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SOYBEANS, NORTHEAST TEXAS REGION
1983 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	1.40	1.01	0.0	3.16	5.57
TANDEM DISC	T	3,34	MAR	1.00	0.224	0.170	1.40	1.01	0.0	3.16	5.57
RENTD.FERT.APPL	1	5,86	APR	1.00	0.104	0.079	0.23	0.47	15.60	0.65	16.94
LISTER-BEDDER	T	3,47	APR	1.00	0.227	0.172	1.40	1.02	0.0	2.69	5.12
SPRAYER	T	3,49	MAY	1.00	0.315	0.239	1.94	1.42	15.50	4.74	23.59
TOOL BAR CULT.	T	4,43	JUNE	1.00	0.322	0.244	1.41	1.45	0.0	3.80	6.67
PLANTER	T	3,39	JUNE	1.20	0.364	0.276	2.36	1.64	10.80	4.70	19.49
SPRAYER	T	3,49	JULY	2.00	0.630	0.477	3.88	2.83	9.34	9.48	25.53
TOOL BAR CULT.	T	4,43	JULY	1.00	0.322	0.244	1.41	1.45	0.0	3.80	6.67
TOOL BAR CULT.	T	4,43	AUG	1.00	0.322	0.244	1.41	1.45	0.0	3.80	6.67
TOTALS					3.053	2.313	16.85	13.74	51.24	39.98	121.81

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF SOYBEANS (DOLLARS)

	BU.	4.92	5.53	6.15	6.76	7.38
QUANTITY OF SOYBEANS	20.00	-25.58	-16.35	-7.13	2.10	11.32
	22.50	-17.95	-7.57	2.81	13.19	23.57
	25.00	-10.31	1.22	12.75	24.28	35.81
	27.50	-2.68	10.00	22.69	35.37	48.05
	30.00	4.95	18.79	32.62	46.46	60.30

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

SOYBEANS, NORTHEAST TEXAS REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
SOYBEANS	38.00	BU.	6.15	233.70	________
TOTAL PROJECTED RETURNS			$	233.70	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*PHOSPHATE	60.00	LB.	0.24	14.40	________
*POTASH	60.00	LB.	0.15	9.00	________
*SEED	45.00	LB.	0.24	10.80	________
*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		15.85	________
EQUIPMENT		ACRE		1.54	________
REPAIRS------TRACTOR		ACRE		4.13	________
EQUIPMENT		ACRE		1.86	________
LABOR--------MACHINERY	3.71	HOUR	4.50	16.71	________
EQUIPMENT	0.77	HOUR	4.50	3.46	________
OPERATING CAPITAL	31.10	DOL.	0.140	4.35	________
SUBTOTAL, PREHARVEST		ACRE	$	112.95	$________
HARVEST COSTS					
CUSTOM COMBINE	38.00	BU.	0.60	22.80	________
CUSTOM HAUL	38.00	BU.	0.25	9.50	________
SUBTOTAL, HARVEST		ACRE	$	32.30	$________
TOTAL VARIABLE COSTS		ACRE	$	145.25	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 3.82/BU.	SOYBEANS		
3. INCOME ABOVE VARIABLE COSTS		ACRE	$	88.45	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		37.78	________
EQUIPMENT		ACRE		7.01	________
LAND---NET SHARE-RENT		ACRE		44.50	________
TOTAL FIXED COSTS		ACRE	$	89.29	$________
5. TOTAL PROJECTED COSTS		ACRE	$	234.54	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 6.17/BU.	SOYBEANS		
6. NET PROJECTED RETURNS		ACRE	$	-0.84	$________

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

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SOYBEANS, NORTHEAST TEXAS REGION
1983 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	1.52	1.02	0.0	2.89	5.43
TANDEM DISC	H	3,68	MAR	1.00	0.227	0.172	1.52	1.02	0.0	2.89	5.43
RENTD.FERT.APPL	1	5,86	APR	1.00	0.104	0.079	0.23	0.47	23.40	0.65	24.74
LISTER-BEDDER	H	3,81	APR	1.00	0.310	0.235	1.94	1.40	0.0	3.44	6.78
SPRAYER	H	3,83	MAY	1.00	0.372	0.282	2.31	1.67	15.50	4.06	23.54
TOOL BAR CULT.	H	4,77	JUNE	1.00	0.291	0.221	1.28	1.31	0.0	3.44	6.04
PLANTER	H	3,73	JUNE	1.20	0.298	0.226	2.12	1.34	12.15	4.06	19.66
SPRAYER	H	3,83	JULY	1.00	0.372	0.282	2.31	1.67	9.34	4.06	17.38
TOOL BAR CULT.	H	4,77	JULY	1.00	0.291	0.221	1.28	1.31	0.0	3.44	6.04
SPRAYER	H	3,83	AUG	1.00	0.372	0.282	2.31	1.67	4.67	4.06	12.71
TOOL BAR CULT.	H	4,77	AUG	1.00	0.291	0.221	1.28	1.31	0.0	3.44	6.04
SPRAYER	H	3,83	SEPT	1.00	0.372	0.282	2.31	1.67	0.0	4.06	8.04
SPRAYER	H	3,83	OCT	0.50	0.186	0.141	1.15	0.84	0.0	2.03	4.02
TOTALS					3.713	2.813	21.55	16.71	65.06	42.54	145.86

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF SOYBEANS (DOLLARS)

	BU.	4.92	5.53	6.15	6.76	7.38
QUANTITY OF SOYBEANS	30.40	-14.31	-0.28	13.74	27.76	41.78
	34.20	-2.71	13.07	28.84	44.62	60.39
	38.00	8.89	26.42	43.95	61.48	79.00
	41.80	20.49	39.77	59.05	78.33	97.61
	45.60	32.09	53.13	74.16	95.19	116.22

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

WHEAT, NORTHEAST TEXAS REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
WHEAT	40.00	BU.	3.40	136.00	________
DEFICIENCY PMT.	40.00	BU.	0.65	26.00	________
TOTAL PROJECTED RETURNS			$	162.00	$________
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.	0.24	9.60	________
FERT (K) APPL'D	40.00	LB.	0.15	6.00	________
*SEED (TREATED)	75.00	LB.	0.28	21.00	________
*INSECTICIDE	1.00	APPL	5.31	5.31	________
FUEL & LUBE--TRACTOR		ACRE		3.78	________
EQUIPMENT		ACRE		1.26	________
REPAIRS------TRACTOR		ACRE		0.68	________
EQUIPMENT		ACRE		0.62	________
LABOR--------MACHINERY	1.24	HOUR	4.50	5.58	________
EQUIPMENT	0.63	HOUR	4.50	2.83	________
OPERATING CAPITAL	50.47	DOL.	0.140	7.07	________
SUBTOTAL, PREHARVEST		ACRE	$	83.73	$________
HARVEST COSTS					
CUSTOM COMBINE	1.00	ACRE	20.00	20.00	________
CUSTOM HAUL	40.00	BU.	0.25	10.00	________
SUBTOTAL, HARVEST		ACRE	$	30.00	$________
TOTAL VARIABLE COSTS		ACRE	$	113.73	$________
BREAK-EVEN PRICE, VARIABLE COSTS	$ 2.19/BU.		WHEAT		
3. INCOME ABOVE VARIABLE COSTS		ACRE	$	48.27	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		12.04	________
EQUIPMENT		ACRE		6.11	________
LAND---NET SHARE-RENT		ACRE		24.10	________
TOTAL FIXED COSTS		ACRE	$	42.24	$________
5. TOTAL PROJECTED COSTS		ACRE	$	155.98	$________
BREAK-EVEN PRICE, TOTAL COSTS	$ 3.25/BU.		WHEAT		
6. NET PROJECTED RETURNS		ACRE	$	6.02	$________

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 WTIH GOVT SET ASIDE PROGRAM

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WHEAT, NORTHEAST TEXAS REGION
1983 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	SEPT	1.00	0.273	0.207	1.18	1.23	0.0	3.70	6.12
OFFSET DISC	T	4,32	OCT	1.00	0.273	0.207	1.18	1.23	0.0	3.70	6.12
GRAIN DRILL	T	4,42	OCT	1.00	0.378	0.286	1.72	1.70	21.00	5.38	29.80
SPRAYER	T	5,49	NOV	1.00	0.315	0.239	0.77	1.42	5.31	3.53	11.02
TOTALS					1.240	0.939	4.86	5.58	26.31	16.31	53.06

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF WHEAT (DOLLARS)

QUANTITY OF WHEAT (BU.)	2.72	3.06	3.40	3.74	4.08
32.00	-14.95	-6.79	1.37	9.53	17.69
36.00	-5.59	3.59	12.77	21.95	31.13
40.00	3.77	13.97	24.17	34.37	44.57
44.00	13.13	24.35	35.57	46.79	58.01
48.00	22.49	34.73	46.97	59.21	71.45

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

WHEAT, NORTHEAST TEXAS REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
WHEAT	50.00	BU.	3.40	170.00	________
DEFICIENCY PMT.	50.00	BU.	0.65	32.50	________
TOTAL PROJECTED RETURNS				$ 202.50	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
FERT (N) APPL'D	120.00	LB.	0.25	30.00	________
FERT (P) APPL'D	80.00	LB.	0.24	19.20	________
FERT (K) APPL'D	80.00	LB.	0.15	12.00	________
*SEED (TREATED)	75.00	LB.	0.28	21.00	________
*INSECTICIDE	1.00	APPL	5.31	5.31	________
FUEL & LUBE--TRACTOR		ACRE		4.07	________
EQUIPMENT		ACRE		0.98	________
REPAIRS------TRACTOR		ACRE		0.74	________
EQUIPMENT		ACRE		0.83	________
LABOR--------MACHINERY	1.35	HOUR	4.50	6.08	________
EQUIPMENT	0.49	HOUR	4.50	2.20	________
OPERATING CAPITAL	46.64	DOL.	0.140	6.53	________
SUBTOTAL, PREHARVEST		ACRE		$ 108.94	$________
HARVEST COSTS					
CUSTOM COMBINE	1.00	ACRE	20.00	20.00	________
CUSTOM HAUL	50.00	BU.	0.25	12.50	________
SUBTOTAL, HARVEST		ACRE		$ 32.50	$________
TOTAL VARIABLE COSTS		ACRE		$ 141.44	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 2.18/BU.	WHEAT		
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 61.06	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		12.98	________
EQUIPMENT		ACRE		3.43	________
LAND---NET SHARE-RENT		ACRE		19.07	________
TOTAL FIXED COSTS		ACRE		$ 35.48	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 176.92	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 2.89/BU.	WHEAT		
6. NET PROJECTED RETURNS		ACRE		$ 25.58	$________

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
1983 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	1.38	1.33	0.0	3.73	6.44
OFFSET DISC	H	4,66	SEPT	1.00	0.295	0.223	1.38	1.33	0.0	3.73	6.44
GRAIN DRILL	H	4,76	OCT	1.00	0.389	0.295	1.78	1.75	21.00	4.89	29.42
SPRAYER	H	5,83	NOV	1.00	0.372	0.282	0.93	1.67	5.31	2.63	10.54
TOTALS					1.350	1.023	5.46	6.08	26.31	14.98	52.83

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF WHEAT (DOLLARS)

QUANTITY OF WHEAT	BU.	2.72	3.06	3.40	3.74	4.08
	40.00	-8.54	1.66	11.86	22.06	32.26
	45.00	3.97	15.45	26.92	38.40	49.87
	50.00	16.49	29.24	41.99	54.74	67.49
	55.00	29.00	43.02	57.05	71.07	85.10
	60.00	41.51	56.81	72.11	87.41	102.71

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

SOUTHERN PEAS, NORTHEAST TEXAS REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
SOUTHERN PEAS	135.00	BU.	8.00	1080.00	________
TOTAL PROJECTED RETURNS				$ 1080.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
FERT (N) APPL'D	18.00	LB.	0.25	4.50	________
FERT (P) APPL'D	72.00	LB.	0.24	17.28	________
FERT (K) APPL'D	72.00	LB.	0.15	10.80	________
*SEED	20.00	LB.	0.58	11.60	________
FUEL & LUBE--TRACTOR		ACRE		9.41	________
EQUIPMENT		ACRE		1.40	________
REPAIRS------TRACTOR		ACRE		1.76	________
EQUIPMENT		ACRE		1.20	________
LABOR--------MACHINERY	4.25	HOUR	4.50	19.12	________
EQUIPMENT	0.70	HOUR	4.50	3.15	________
OPERATING CAPITAL	-141.48	DOL.	0.140	-19.81	________
SUBTOTAL, PREHARVEST		ACRE		$ 60.41	$________
HARVEST COSTS					
HAND HARVEST	135.00	BU.	3.00	405.00	________
CUSTOM HAUL	135.00	BU.	0.55	74.25	________
SACKS	135.00	EACH	0.25	33.75	________
SUBTOTAL, HARVEST		ACRE		$ 513.00	$________
TOTAL VARIABLE COSTS		ACRE		$ 573.41	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 4.25/BU.		SOUTHERN PEAS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 506.59	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		31.02	________
EQUIPMENT		ACRE		11.67	________
LAND-CASH RENT	1.00	ACRE	15.00	15.00	________
TOTAL FIXED COSTS		ACRE		$ 57.69	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 631.09	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 4.67/BU.		SOUTHERN PEAS	
6. NET PROJECTED RETURNS		ACRE		$ 448.91	$________

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SOUTHERN PEAS, NORTHEAST TEXAS REGION
1983 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	FEB	2.00	0.729	0.552	1.72	3.28	0.0	6.00	11.01
TANDEM DISC	T	5,33	APR	1.00	0.364	0.276	0.86	1.64	0.0	3.00	5.50
PLANT-CULTIVATOR		5,93	APR	1.00	0.286	0.217	0.70	1.29	11.60	2.02	15.61
PLANT-CULTIVATOR		5,93	MAY	2.00	0.573	0.434	1.41	2.58	0.0	4.04	8.02
SPRAYER	T	5,50	MAY	2.00	0.419	0.317	1.04	1.88	0.0	4.93	7.85
TOOL BAR CULT.	T	4,43	JUNE	1.00	0.322	0.244	1.41	1.45	0.0	3.80	6.67
TANDEM DISC	T	5,33	JULY	1.00	0.364	0.276	0.86	1.64	0.0	3.00	5.50
TOOL BAR CULT.	T	4,43	JULY	2.00	0.643	0.487	2.83	2.89	0.0	7.61	13.33
SHREDDER(2R)	T	5,30	JULY	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
TOTALS					4.250	3.220	12.11	19.12	11.60	40.65	83.48

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF SOUTHERN PEAS (DOLLARS)

QUANTITY OF SOUTHERN PEAS	BU.	6.40	7.20	8.00	8.80	9.60
	108.00	220.39	306.79	393.19	479.59	565.99
	121.50	255.49	352.69	449.89	547.09	644.29
	135.00	290.59	398.59	506.59	614.59	722.59
	148.50	325.69	444.49	563.29	682.09	800.89
	162.00	360.79	490.39	619.99	749.59	879.19

CHRISTMAS TREE ESTABLISHMENT, NORTHEAST TEXAS REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
TOTAL PROJECTED RETURNS			$	0.0	$_______
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*HERBICIDE	0.33	GAL.	79.11	26.11	_______
*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.	79.11	52.21	_______
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		7.67	_______
REPAIRS------TRACTOR		ACRE		1.47	_______
EQUIPMENT		ACRE		0.51	_______
LABOR---------MACHINERY	4.15	HOUR	4.50	18.69	_______
OPERATING CAPITAL	155.24	DOL.	0.140	21.73	_______
SUBTOTAL, PREHARVEST		ACRE	$	329.97	$_______
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE	$	0.0	$_______
TOTAL VARIABLE COSTS		ACRE	$	329.97	$_______
3. INCOME ABOVE VARIABLE COSTS		ACRE	$	-329.97	$_______
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		25.94	_______
EQUIPMENT		ACRE		21.20	_______
LAND-CASH RENT	1.00	ACRE	15.00	15.00	_______
TOTAL FIXED COSTS		ACRE	$	62.14	$_______
5. TOTAL PROJECTED COSTS		ACRE	$	392.11	$_______
6. NET PROJECTED RETURNS		ACRE	$	-392.11	$_______

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

PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 03/25/83. B-1241(C11)

CHRISTMAS TREE ESTABLISHMENT, NORTHEAST TEXAS REGION
1983 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
SHREDDER(2R)	T	5,30	MAY	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SHREDDER(2R)	T	5,30	JUNE	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SHREDDER(2R)	T	5,30	JULY	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SHREDDER(2R)	T	5,30	AUG	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SPRAYER	T	5,50	SEPT	1.00	0.209	0.159	0.52	0.94	26.11	2.46	30.03
GOPHER POISONER		5,41	SEPT	1.00	0.101	0.076	0.24	0.45	1.20	0.95	2.84
SHREDDER(2R)	T	5,30	SEPT	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SHREDDER(2R)	T	5,30	OCT	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SHREDDER(2R)	T	5,30	NOV	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
TOTALS					4.154	3.147	9.65	18.69	27.31	47.14	102.79

CHRISTMAS TREE PRODUCTION, SECOND YEAR, NORTHEAST TEXAS REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
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.	79.11	52.21	________
*INSECTICIDE	3.00	LB.	7.45	22.35	________
SHEARING LABOR	12.00	HOUR	4.50	54.00	________
FUEL & LUBE--TRACTOR		ACRE		14.81	________
REPAIRS------TRACTOR		ACRE		2.84	________
EQUIPMENT		ACRE		3.07	________
LABOR--------MACHINERY	8.02	HOUR	4.50	36.10	________
OPERATING CAPITAL	71.45	DOL.	0.140	10.00	________
SUBTOTAL, PREHARVEST		ACRE		$ 196.58	$________
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		$ 0.0	$________
TOTAL VARIABLE COSTS		ACRE		$ 196.58	$________
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ -196.58	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		50.09	________
EQUIPMENT		ACRE		67.99	________
PRORATED ESTABL	392.11	DOL.	1.00	392.11	________
RETURN ON INVEST	392.11	DOL.	0.18	70.58	________
LAND-CASH RENT	1.00	ACRE	15.00	15.00	________
TOTAL FIXED COSTS		ACRE		$ 595.77	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 792.35	$________
6. NET PROJECTED RETURNS		ACRE		$ -792.35	$________

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.

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CHRISTMAS TREE PRODUCTION, SECOND YEAR, NORTHEAST TEXAS REGION
1983 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	0.24	0.45	1.20	0.95	2.84
SHREDDER(2R) T	5,30	APR	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SPRAYER, C. TREE	5,99	APR	2.00	1.008	0.764	2.87	4.54	29.83	18.26	55.50
SHREDDER(2R) T	5,30	MAY	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SPRAYER, C. TREE	5,99	MAY	1.00	0.504	0.382	1.44	2.27	3.72	9.13	16.56
SHREDDER(2R) T	5,30	JUNE	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SPRAYER, C. TREE	5,99	JUNE	1.00	0.504	0.382	1.44	2.27	3.72	9.13	16.56
SHREDDER(2R) T	5,30	JULY	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SPRAYER, C. TREE	5,99	JULY	2.00	1.008	0.764	2.87	4.54	29.83	18.26	55.50
SHREDDER(2R) T	5,30	AUG	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SPRAYER, C. TREE	5,99	AUG	1.00	0.504	0.382	1.44	2.27	3.72	9.13	16.56
SHREDDER(2R) T	5,30	SEPT	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SPRAYER, C. TREE	5,99	SEPT	1.00	0.504	0.382	1.44	2.27	3.72	9.13	16.56
SHREDDER(2R) T	5,30	OCT	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
TANDEM DISC T	5,33	OCT	0.12	0.044	0.033	0.10	0.20	0.0	0.36	0.66
TOTALS				8.022	6.077	20.72	36.10	75.76	118.08	250.66

CHRISTMAS TREE PRODUCTION, THIRD YEAR, NORTHEAST TEXAS REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
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.	79.11	52.21	______
*INSECTICIDE	4.50	LB.	7.45	33.52	______
SHEARING LABOR	23.00	HOUR	4.50	103.50	______
FUEL & LUBE--TRACTOR		ACRE		14.81	______
REPAIRS------TRACTOR		ACRE		2.84	______
EQUIPMENT		ACRE		3.07	______
LABOR--------MACHINERY	8.02	HOUR	4.50	36.10	______
OPERATING CAPITAL	107.32	DOL.	0.140	15.03	______
SUBTOTAL, PREHARVEST		ACRE		$ 262.28	$______
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		$ 0.0	$______
TOTAL VARIABLE COSTS		ACRE		$ 262.28	$______
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ -262.28	$______
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		50.09	______
EQUIPMENT		ACRE		67.99	______
PRORATED ESTABL	792.35	DOL.	1.00	792.35	______
RETURN ON INVEST	792.35	DOL.	0.18	142.62	______
LAND-CASH RENT	1.00	ACRE	15.00	15.00	______
TOTAL FIXED COSTS		ACRE		$ 1068.06	$______
5. TOTAL PROJECTED COSTS		ACRE		$ 1330.34	$______
6. NET PROJECTED RETURNS		ACRE		$-1330.34	$______

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.

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CHRISTMAS TREE PRODUCTION, THIRD YEAR, NORTHEAST TEXAS REGION
1983 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	0.24	0.45	1.20	0.95	2.84
SHREDDER(2R)	T	5,30	APR	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SPRAYER, C. TREE		5,99	APR	2.00	1.008	0.764	2.87	4.54	31.69	18.26	57.36
SHREDDER(2R)	T	5,30	MAY	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SPRAYER, C. TREE		5,99	MAY	1.00	0.504	0.382	1.44	2.27	5.59	9.13	18.42
SHREDDER(2R)	T	5,30	JUNE	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SPRAYER, C. TREE		5,99	JUNE	1.00	0.504	0.382	1.44	2.27	5.59	9.13	18.42
SHREDDER(2R)	T	5,30	JULY	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SPRAYER, C. TREE		5,99	JULY	2.00	1.008	0.764	2.87	4.54	31.69	18.26	57.36
SHREDDER(2R)	T	5,30	AUG	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SPRAYER, C. TREE		5,99	AUG	1.00	0.504	0.382	1.44	2.27	5.59	9.13	18.42
SHREDDER(2R)	T	5,30	SEPT	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SPRAYER, C. TREE		5,99	SEPT	1.00	0.504	0.382	1.44	2.27	5.59	9.13	18.42
SHREDDER(2R)	T	5,30	OCT	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
TANDEM DISC	T	5,33	OCT	0.12	0.044	0.033	0.10	0.20	0.0	0.36	0.66
TOTALS					8.022	6.077	20.72	36.10	86.94	118.08	261.84

CHRISTMAS TREE PRODUCTION (WHOLESALE), FOURTH YEAR
NORTHEAST TEXAS REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
TREES	408.00	EACH	12.00	4896.00	________
TOTAL PROJECTED RETURNS				$ 4896.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*POISON GRAIN	1.50	LB.	0.80	1.20	________
*HERBICIDE	0.66	GAL.	79.11	52.21	________
*INSECTICIDE	7.50	LB.	7.45	55.87	________
SHEARING LABOR	35.00	HOUR	4.50	157.50	________
FUEL & LUBE--TRACTOR		ACRE		14.81	________
REPAIRS------TRACTOR		ACRE		2.84	________
EQUIPMENT		ACRE		3.07	________
LABOR--------MACHINERY	8.02	HOUR	4.50	36.10	________
OPERATING CAPITAL	-219.85	DOL.	0.140	-30.78	________
SUBTOTAL, PREHARVEST		ACRE		$ 292.83	$________
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	87.75	________
SUBTOTAL, HARVEST		ACRE		$ 428.50	$________
TOTAL VARIABLE COSTS		ACRE		$ 721.33	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 1.77/EACH TREES			
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 4174.67	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		50.09	________
EQUIPMENT		ACRE		67.99	________
PRORATED ESTABL	1330.34	DOL.	1.00	1330.34	________
RETURN ON INVEST	1330.34	DOL.	0.18	239.46	________
LAND-CASH RENT	1.00	ACRE	15.00	15.00	________
TOTAL FIXED COSTS		ACRE		$ 1702.88	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 2424.20	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 5.94/EACH TREES			
6. NET PROJECTED RETURNS		ACRE		$ 2471.80	$________

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
1983 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	0.24	0.45	1.20	0.95	2.84
SHREDDER(2R)	T	5,30	APR	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SPRAYER, C. TREE		5,99	APR	2.00	1.008	0.764	2.87	4.54	35.42	18.26	61.09
SHREDDER(2R)	T	5,30	MAY	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SPRAYER, C. TREE		5,99	MAY	1.00	0.504	0.382	1.44	2.27	9.31	9.13	22.15
SHREDDER(2R)	T	5,30	JUNE	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SPRAYER, C. TREE		5,99	JUNE	1.00	0.504	0.382	1.44	2.27	9.31	9.13	22.15
SHREDDER(2R)	T	5,30	JULY	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SPRAYER, C. TREE		5,99	JULY	2.00	1.008	0.764	2.87	4.54	35.42	18.26	61.09
SHREDDER(2R)	T	5,30	AUG	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SPRAYER, C. TREE		5,99	AUG	1.00	0.504	0.382	1.44	2.27	9.31	9.13	22.15
SHREDDER(2R)	T	5,30	SEPT	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
SPRAYER, C. TREE		5,99	SEPT	1.00	0.504	0.382	1.44	2.27	9.31	9.13	22.15
SHREDDER(2R)	T	5,30	OCT	1.00	0.549	0.416	1.27	2.47	0.0	6.25	9.99
TANDEM DISC	T	5,33	OCT	0.12	0.044	0.033	0.10	0.20	0.0	0.36	0.66
TOTALS					8.022	6.077	20.72	36.10	109.29	118.08	284.19

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

		PRICE OF TREES (DOLLARS)				
	EACH	9.60	10.80	12.00	13.20	14.40
QUANTITY OF TREES	326.40	2493.60	2885.28	3276.96	3668.63	4060.31
	367.20	2844.54	3285.17	3725.81	4166.45	4607.09
	408.00	3195.48	3685.07	4174.67	4664.27	5153.87
	448.80	3546.41	4084.97	4623.53	5162.09	5700.64
	489.60	3897.35	4484.87	5072.39	5659.91	6247.43