

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

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
TREES	408.00	EACH	15.00	6120.00	
TOTAL PROJECTED RETURNS				\$ 6120.00	\$
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	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	-323.69	DOL.	0.140	-45.32	
SUBTOTAL, PREHARVEST		ACRE		\$ 281.07	\$
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	
ADVERT/SUPPLIES	408.00	TREE	0.40	163.20	
P-RATED EQP COST	1.00	ACRE	21.10	21.10	
SUBTOTAL, HARVEST		ACRE		\$ 390.70	\$
TOTAL VARIABLE COSTS		ACRE		\$ 671.77	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 1.65/EACH TREES		
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 5448.23	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		58.26	
EQUIPMENT		ACRE		66.36	
LAND-CASH RENT	1.00	ACRE	15.00	15.00	
PRORATED ESTABL	1359.18	DOL.	1.00	1359.18	
RETURN ON INVEST	1359.18	DOL.	0.18	244.65	
TOTAL FIXED COSTS		ACRE		\$ 1743.44	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 2415.21	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 5.92/EACH TREES		
6. NET PROJECTED RETURNS		ACRE		\$ 3704.79	\$

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.
PREPARED BY WAYNE D. TAYLOR, TAEX, OVERTON, TEXAS.

INFORMATION PRESENTED IS PREPARED SOLELY AS A GENERAL GUIDE AND IS
NOT INTENDED TO RECOGNIZE OR PREDICT THE COSTS AND RETURNS FROM ANY
ONE PARTICULAR FARM OR RANCH OPERATION. THESE PROJECTIONS WERE
COLLECTED AND DEVELOPED BY STAFF MEMBERS OF THE TEXAS AGRICULTURAL
EXTENSION SERVICE AND APPROVED FOR PUBLICATION.

CHRISTMAS TREE PRODUCTION (CHOOSE AND CUT), 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

		PRICE OF TREES (DOLLARS)				
		12.00	13.50	15.00	16.50	18.00
QUANTITY OF TREES	EACH					
	326.40	3318.96	3808.55	4298.15	4787.75	5277.35
	367.20	3771.59	4322.39	4873.19	5423.99	5974.79
	408.00	4224.23	4836.23	5448.23	6060.23	6672.23
	448.80	4676.87	5350.07	6023.27	6696.46	7369.66
	489.60	5129.50	5863.90	6598.30	7332.70	8067.10

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
1	MILK	HAY	CWT.	5.50	220	POTASH		LB.	0.15
4	EGGS	OAT	CASE	3.00	256	DEFOLIANT	COTN	ACRE	5.50
8	FEEDER STEERS		CWT.	63.00	276	STRIP & HAUL	COTN	CWT.	1.90
13	STEER CALVES		CWT.	75.75	281	HAUL, COMP&EDUC	COTN	BALE	3.75
14	HEIFER CALVES		CWT.	61.25	282	GIN, BAG, TIES	COTN	CWT.	3.04
15	BREEDING HEIFERS		HEAD	700.00	340	CUSTOM BALING	SQAR	BALE	0.45
17	CULL COWS		CWT.	36.50	348	CUSTOM HAULING	HAY	BALE	0.30
20	BULL CALVES		CWT.	64.25	383	MARKETING	CCAL	HEAD	8.25
21	CULL DAIRY COWS		CWT.	40.00	387	MARKETING	FPIG	HEAD	0.10
22	DAIRY BULL CALVE		HEAD	60.00	388	MARKETING	MHOG	HEAD	2.00
41	RAISING HERD REP		HEAD	200.00	392	MARKETING	STKR	HEAD	8.50
43	MARKET HOGS		CWT.	47.00	399	MGMT RECORDS	DAIR	HEAD	20.00
49	FEEDER PIGS		LB.	1.12	400	MISC EXPENSE	CCAL	HEAD	16.00
61	BROILERS		C.HD	13.50	401	TAXES	POUL	DOL.	1.00
70	DEFICIENCY PMT.	WHET	BU.	1.15	402	MISC. EXPENSE	FPIG	HEAD	1.00
71	DEFICIENCY PMT.	SORG	CWT.	0.82	403	MISC. EXPENSE	MHOG	HEAD	0.60
72	CORN		BU.	2.95	408	VET MEDICINE	DAIR	HEAD	24.00
73	GRAIN SORGHUM		CWT.	4.75	410	VET MEDICINE	CCAL	HEAD	5.60
74	OATS		BU.	1.70	414	VET MEDICINE	HOGS	DOL.	1.00
76	WHEAT		BU.	3.25	416	VET MED & IMP.	STKR	HEAD	3.75
90	DEFICIENCY PMT.	COTT	LB.	0.18	422	LP GAS	EGG	GAL.	0.85
91	DEFICIENCY PMT.	CORN	BU.	0.48	423	NATURAL GAS	POUL	DOL.	1224.00
93	COTTON LINT		LB.	0.55	442	CLEANING	EGG	EACH	325.00
94	COTTONSEED		TON	110.00	450	INSUR. PREMIUMS	POUL	EACH	260.00
98	SOYBEANS		BU.	6.15	460	UTILITIES	DAIR	HEAD	40.00
101	SALT		LB.	0.06	463	RETURN ON INVEST		DOL.	0.18
103	SALT & MIN.	CCAL	HEAD	13.50	464	ELECTRICITY		KWH	0.06
104	SALT AND MINERAL	STKR	HEAD	1.40	484	HAULING	DAIR	CWT.	0.92
108	SUPPLEMENT	CCAL	CWT.	12.60	489	SUPPLIES	POUL	EACH	50.00
111	CONCENTRATES	STKR	CWT.	12.00	491	SUPPLIES	EGGS	DOL.	200.00
123	GRAIN MIX	DAIR	CWT.	9.10	492	SUPPLIES	DAIR	HEAD	37.00
124	CALF FEED	DAIR	CWT.	10.50	498	SHAVINGS	POUL	LOAD	100.00
129	FINISHING RATION	HOGS	CWT.	12.10	501	SEED	CORN	BAGS	60.00
135	SOW FEED GEST.	HOGS	CWT.	12.40	502	HERBICIDE	CORN	ACRE	8.25
136	SOW FEED LACT.	HOGS	CWT.	12.40	503	CUSTOM HARVEST	CORN	BU.	0.30
137	BOAR FEED	HOGS	CWT.	12.50	504	CUSTOM HAUL	CORN	BU.	0.25
138	PIG STARTER	HOGS	CWT.	14.30	510	SEED	COTN	LB.	0.44
149	BREEDING	DAIR	HEAD	26.00	511	HERBICIDE	COTN	ACRE	11.50
150	COASTAL BER PAST	CCAL	ACRE	54.03	512	INSECTICIDE	COTN	APPL	7.00
151	PASTURE	DAIR	HEAD	161.00	520	SEED	GSRG	LB.	0.75
152	SM. GR. PASTURE		ACRE	135.00	521	HERBICIDE	GSRG	ACRE	7.00
158	COMMON LEGUME	CCAL	ACRE	72.58	522	INSECTICIDE	GSRG	APPL	5.12
170	HAY		BALE	1.75	523	CUSTOM HARVEST	GSRG	ACRE	15.00
176	HAY (PROD.COST)	DAIR	TON	46.00	524	CUSTOM HAUL	GSRG	CWT.	0.25
194	SOUTHERN PEAS		BU.	8.00	530	HAY		BALE	2.00
204	FERT (K) APPL'D		LB.	0.15	531	HAY	H.L.	BALE	2.00
205	FERT (N) APPL'D		LB.	0.25	532	SPRIGS		ACRE	15.00
206	FERT (P) APPL'D		LB.	0.25	533	HERBICIDE	HAY	ACRE	5.50
211	NITROGEN		LB.	0.25	540	SEED	OAT	LB.	0.20
215	PHOSPHATE		LB.	0.25	541	INSECTICIDE	SMGN	APPL	6.00

1 = HEAD	6 = BALE	11 = ACIN	15 = DOL.	19 = FEET	23 = LOAD	27 = EACH
2 = BU.	7 = ACRE	12 = LB.	16 = CWT.	20 = APPL	24 = CASE	28 = GPM
3 = TON	8 = HOUR	13 = PINT	17 = OZ.	21 = SQFT	25 = BAGS	29 = KWH
4 = DOZ.	9 = DAYS	14 = QT.	18 = MILE	22 = C.HD	26 = TREE	30 = MCF
5 = GAL.	10 = AUM					

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
542	CUSTOM COMBINE	OAT	ACRE	15.00	---	---	---	---	---
543	CUSTOM HAUL	OAT	BU.	0.18	---	---	---	---	---
544	SEED (TREATED)	WHET	LB.	0.28	---	---	---	---	---
545	CUSTOM COMBINE	WHET	ACRE	15.00	---	---	---	---	---
546	CUSTOM HAUL	WHET	BU.	0.25	---	---	---	---	---
547	HERBICIDE	WHET	OZ.	14.50	---	---	---	---	---
550	SEED	SYBN	LB.	0.16	---	---	---	---	---
551	HERBICIDE	SYBN	ACRE	15.50	---	---	---	---	---
552	INSECTICIDE	SYBN	APPL	4.67	---	---	---	---	---
553	CUSTOM COMBINE	SYBN	ACRE	15.00	---	---	---	---	---
554	CUSTOM HAUL	SYBN	BU.	0.25	---	---	---	---	---
555	INNOCULANT	SYBN	ACRE	1.35	---	---	---	---	---
556	CUSTOM COMBINE	SYBN	ACRE	15.00	---	---	---	---	---
560	SEED	SPEA	LB.	0.65	---	---	---	---	---
561	HAND HARVEST	SPEA	BU.	3.00	---	---	---	---	---
562	CUSTOM HAUL	SPEA	BU.	0.55	---	---	---	---	---
563	SACKS	SPEA	EACH	0.25	---	---	---	---	---
564	HERBICIDE	SPEA	ACRE	10.00	---	---	---	---	---
565	INSECTICIDE	SPEA	ACRE	10.00	---	---	---	---	---
568	TREES	CHOS	EACH	15.00	---	---	---	---	---
569	ADVERT/SUPPLIES	CTRE	TREE	0.40	---	---	---	---	---
571	HERBICIDE	CTRE	GAL.	80.00	---	---	---	---	---
572	POISON GRAIN	CTRE	LB.	0.80	---	---	---	---	---
573	SEEDLINGS	CTRE	EACH	0.05	---	---	---	---	---
574	PLANTING LABOR	CTRE	HOUR	4.50	---	---	---	---	---
575	HERB APPL LABOR	CTRE	HOUR	4.88	---	---	---	---	---
576	INSECTICIDE	CTRE	LB.	7.45	---	---	---	---	---
577	INSEC APPL LABOR	CTRE	HOUR	4.88	---	---	---	---	---
578	SHEARING LABOR	CTRE	HOUR	4.50	---	---	---	---	---
579	TREES	CTRE	EACH	12.00	---	---	---	---	---
580	COLORING	CTRE	GAL.	9.50	---	---	---	---	---
581	COLORING LABOR	CTRE	HOUR	4.50	---	---	---	---	---
582	NETTING	CTRE	TREE	0.30	---	---	---	---	---
583	ADVERTISING	CTRE	TREE	0.25	---	---	---	---	---
584	P-RATED EQP COST	CTRE	ACRE	21.10	---	---	---	---	---
585	GRADING LABOR	---	HOUR	4.50	---	---	---	---	---
586	HARV/LOAD LABOR	---	HOUR	4.50	---	---	---	---	---

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5 = GAL.	10 = AUM					

TABLE . DEFAULT PARAMETER VALUES AND DEFINITIONS
 REGION: 11 DATE: 011884

ROW	PARAMETER DEFINITION	DEFAULT VALUE
1.	PRICE PER GALLON OF GASOLINE	1.1000
2.	PRICE PER GALLON OF L.P. GAS	0.8500
3.	PRICE PER GALLON OF DIESEL	1.0000
4.	PRICE PER KILOWATT HOUR OF ELECTRICITY	0.0600
5.	PRICE PER 1000 CU. FT. OF NATURAL GAS	0.0
6.	NOMINAL INTEREST RATE	0.1400
7.	MACHINERY INSUR. RATE (AVERAGE INVESTMENT)	0.0100
8.	MACHINERY TAX RATE (PURCHASE VALUE)	0.0
9.	IRRIGATION SYSTEM NUMBER	0.
10.	HOURLY MACHINERY WAGE RATE	4.50
11.	HOURLY OTHER LABOR WAGE RATE	4.50
12.	HOURLY IRRIG./LIVESTOCK WAGE RATE	4.25
13.	DEATH LOSS (PERCENT OF TOTAL RECEIPTS)	0.0
14.	LIVESTOCK INSUR. RATE (AVERAGE INVESTMENT)	0.0100
15.	EQUIPMENT INSUR. RATE (AVERAGE INVESTMENT)	0.0100
16.	LIVESTOCK TAX RATE (AVERAGE VALUE)	0.0050
17.	EQUIPMENT TAX RATE (AVERAGE VALUE)	0.0
18.	IRRIGATION LABOR MULTIPLIER (HRS/ACIN)	0.6300
19.	FACTOR TO CONVERT MACHINE HRS TO TRACTOR HRS	1.1000
20.	FACTOR TO CONVERT TRACTOR HRS TO LABOR HRS	1.2000
21.	FACTOR TO CONVERT SELF-POWERED MACHINERY HRS TO LABOR HRS	1.2500
22.	LUBRICATION COST MULTIPLE OF MACHINERY FUEL COSTS	0.1000
23.	INFLATION RATE	0.0
24.	LUBRICATION COST MULTIPLE OF EQUIPMENT FUEL COSTS	0.0500

LISTING OF ECONOMIC AND ENGINEERING DATA FOR MACHINERY IN REGION 11

DATE:011884

OUT4

MACHINE	1 CODE NO.	2 WIDTH (FT)	3 LIST PRICE	4 SPEED (MPH)	5 FIELD EFF.	6 RC1	7 AGE (HRS)	8 RC3	9 ANNUAL HRS	10 YEARS OWNED	11 RFV1	12 RFV2	13 PURCH PRICE	14 FUEL TYPE	15 LIFE (HRS)	16 HP
TRACTOR	1.	150.0	50250.	4.5	0.88	1.20	0.	1.80	500.	7.	0.88	0.82	45225.	3.	12000.	150.
TRACTOR	2.	125.0	43775.	4.5	0.88	1.20	0.	1.80	800.	7.	0.88	0.82	38400.	3.	12000.	125.
TRACTOR	3.	100.0	37400.	4.5	0.88	1.20	0.	1.80	500.	7.	0.88	0.82	33880.	3.	12000.	100.
TRACTOR	4.	75.0	24500.	4.5	0.88	1.20	0.	1.80	300.	7.	0.88	0.82	22050.	3.	12000.	75.
TRACTOR	5.	40.0	14425.	4.5	0.88	1.20	0.	1.80	300.	7.	0.88	0.82	12880.	3.	12000.	40.
TRACTOR 4 WH DR	6.	225.0	79875.	4.5	0.88	1.20	0.	1.80	600.	7.	0.88	0.82	71680.	3.	12000.	225.
PICKUP TRUCK	10.	0.5	10500.	30.0	0.88	0.80	0.	1.80	700.	3.	0.80	0.88	9500.	1.	2500.	30.
TRUCK	11.	2.0	9800.	40.0	0.88	1.20	0.	1.80	300.	10.	0.88	0.82	7555.	1.	3750.	0.
COMBINE	13.	20.0	23625.	4.0	0.80	1.20	0.	1.80	110.	10.	0.88	0.82	18900.	1.	1375.	0.
COMBINE	14.	20.0	23625.	4.0	0.87	1.20	0.	1.80	110.	10.	0.88	0.82	18900.	1.	1375.	0.
COTTONPICKER	15.	8.7	25000.	2.3	0.70	0.75	0.	1.80	200.	8.	0.88	0.88	20000.	3.	2000.	0.
COTTONPICKER	17.	8.7	25000.	2.3	0.70	0.75	0.	1.80	200.	8.	0.84	0.88	20000.	3.	2000.	0.
GOPHER POISONER	25.	30.0	550.	4.5	0.80	0.80	0.	1.30	25.	8.	0.80	0.88	495.	0.	800.	0.
SPRAYER, C. TREE	29.	8.0	1695.	4.5	0.80	0.80	0.	1.30	20.	8.	0.80	0.88	1500.	0.	750.	0.
SHREDDER(2R)	30.	8.7	1755.	3.7	0.80	0.80	0.	1.80	50.	8.	0.80	0.88	1625.	0.	2000.	0.
SHREDDER(4R)	31.	13.3	3250.	3.7	0.80	0.80	0.	1.80	50.	8.	0.80	0.88	2800.	0.	2000.	0.
OFFSET DISC	32.	10.0	2125.	4.8	0.83	0.85	0.	1.80	100.	8.	0.80	0.88	1700.	0.	2000.	0.
TANDEM DISC	33.	8.0	1400.	4.5	0.83	0.85	0.	1.80	100.	8.	0.80	0.88	1250.	0.	2000.	0.
TANDEM DISC	34.	13.0	2600.	4.5	0.83	0.85	0.	1.80	100.	8.	0.80	0.88	2520.	0.	2000.	0.
TANDEM DISC	35.	21.0	6250.	4.5	0.83	0.85	0.	1.80	100.	8.	0.80	0.88	5625.	0.	2000.	0.
ROW DISC	36.	20.0	2250.	4.5	0.83	0.85	0.	1.80	100.	8.	0.80	0.88	1800.	0.	2000.	0.
MB PLOW(4B)	37.	5.3	1650.	4.5	0.80	1.00	0.	1.30	100.	8.	0.80	0.88	1350.	0.	2000.	0.
MB PLOW(3B)	38.	4.0	1200.	4.5	0.80	1.00	0.	1.30	100.	8.	0.80	0.88	1050.	0.	2000.	0.
PLANTER	39.	13.3	1650.	4.5	0.80	0.80	0.	1.60	75.	8.	0.80	0.88	1350.	0.	1200.	0.
PLANTER	40.	20.0	2500.	4.5	0.80	0.80	0.	1.60	75.	8.	0.80	0.88	2000.	0.	1200.	0.
GOPHER POISONER	41.	30.0	550.	4.5	0.80	0.80	0.	1.30	25.	8.	0.80	0.88	495.	0.	800.	0.
GRAIN DRILL	42.	10.0	1450.	4.0	0.72	0.75	0.	1.80	50.	10.	0.80	0.88	1150.	0.	1000.	0.
TOOL BAR CULT.	43.	13.3	1125.	3.8	0.87	0.80	0.	1.30	150.	8.	0.80	0.88	900.	0.	1500.	0.
TOOL BAR CULT.	44.	20.0	1700.	3.8	0.87	0.80	0.	1.30	175.	8.	0.80	0.88	1350.	0.	1750.	0.
ROLLING CULTI.	45.	13.3	1800.	3.5	0.80	1.00	0.	1.80	100.	8.	0.80	0.88	1450.	0.	2000.	0.
ROLLING CULTI.	46.	20.0	2625.	3.5	0.80	1.00	0.	1.80	100.	8.	0.80	0.88	2100.	0.	2000.	0.
LISTER-BEDDER	47.	13.3	1400.	4.5	0.80	1.00	0.	1.80	100.	8.	0.80	0.88	1120.	0.	2000.	0.
LISTER-BEDDER	48.	20.0	1750.	4.5	0.80	1.00	0.	1.80	100.	8.	0.80	0.88	1400.	0.	2000.	0.
SPRAYER	49.	13.3	1250.	4.0	0.85	1.00	0.	1.80	35.	8.	0.80	0.88	1100.	0.	1200.	0.
SPRAYER	50.	20.0	1375.	4.0	0.85	1.00	0.	1.80	35.	8.	0.80	0.88	1225.	0.	1200.	0.

LISTING OF ECONOMIC AND ENGINEERING DATA FOR MACHINERY IN REGION 11

DATE:011884

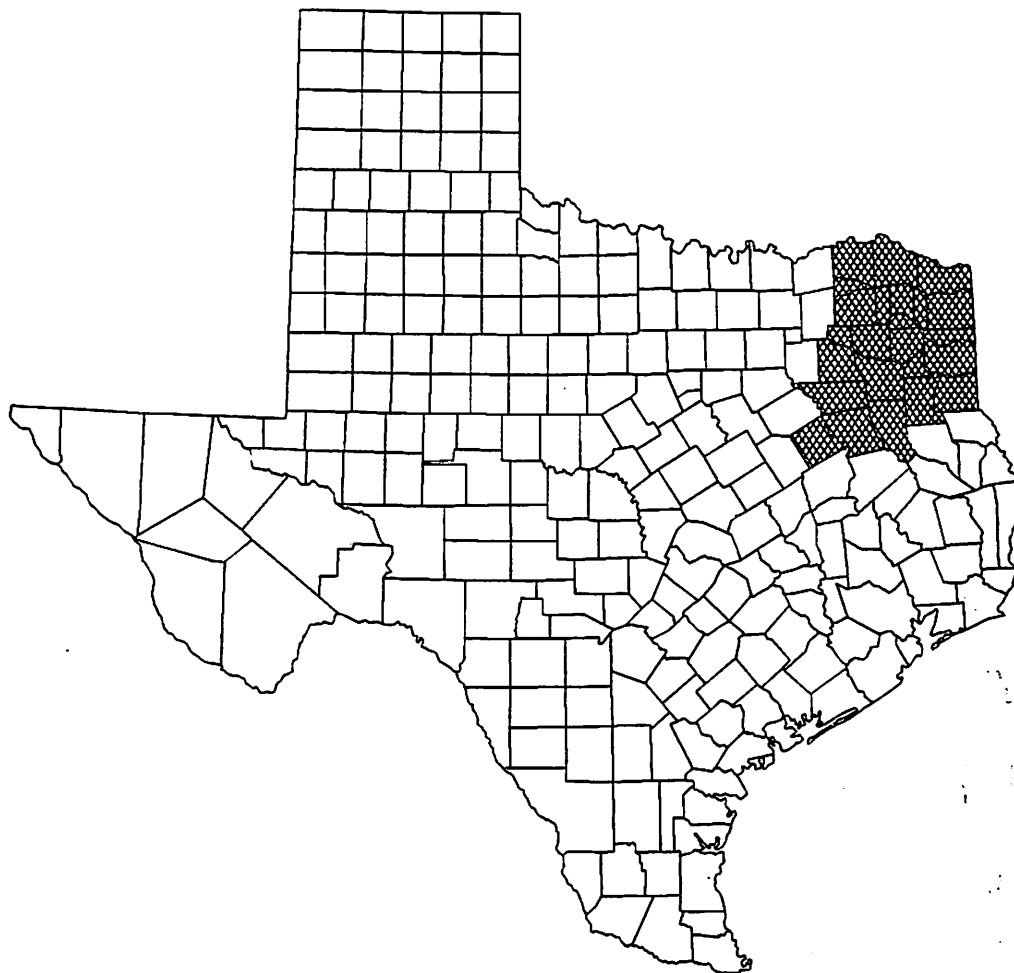
OUT4

MACHINE	1 CODE NO.	2 WIDTH (FT)	3 LIST PRICE	4 SPEED (MPH)	5 FIELD EFF.	6 RC1	7 AGE (HRS)	8 RC3	9 ANNUAL HRS	10 YEARS OWNED	11 RFV1	12 RFV2	13 PURCH PRICE	14 FUEL TYPE	15 LIFE (HRS)	16 HP
COTTON STRIPPRT	51.	8.7	9000.	2.8	0.87	0.80	0.	1.80	100.	8.	0.80	0.88	7200.	0.	2000.	0.
NARROW, MELON	52.	9.0	875.	4.5	0.80	0.85	0.	1.80	35.	10.	0.80	0.88	700.	0.	2000.	0.
SPRAYER, WTRMLN	53.	12.0	500.	4.0	0.85	1.00	0.	1.80	35.	8.	0.80	0.88	400.	0.	750.	0.
TRAILERS	54.	3.0	1000.	5.0	0.80	0.80	0.	1.30	100.	10.	0.80	0.88	800.	0.	1250.	0.
MIDDLE BUSTER	55.	12.0	500.	4.0	0.80	0.80	0.	1.30	100.	10.	0.80	0.88	400.	0.	1250.	0.
SUBSOILER	56.	10.0	2675.	4.0	0.80	0.80	0.	1.30	80.	10.	0.80	0.88	2300.	0.	1000.	0.
FERT DIST, MLN	57.	12.0	1500.	5.0	0.80	0.80	0.	1.30	250.	4.	0.80	0.88	1200.	0.	1250.	0.
PLANT-CULT	58.	12.0	1700.	4.8	0.80	0.80	0.	1.30	100.	8.	0.80	0.88	4000.	0.	1000.	0.
ROLL. CULT	59.	12.0	300.	5.0	0.80	0.80	0.	1.30	300.	8.	0.80	0.88	250.	0.	2250.	0.
MIST BLOW SPR.	60.	30.0	3000.	4.0	0.80	0.80	0.	1.30	200.	5.	0.80	0.88	2400.	0.	1250.	0.
PLNTR/FERT BOX	61.	13.0	4750.	5.0	0.80	0.80	0.	1.30	100.	8.	0.80	0.88	3800.	0.	1000.	0.
PLNTR/FERT BOX	62.	20.0	8875.	5.0	0.80	0.80	0.	1.30	100.	8.	0.80	0.88	5500.	0.	1000.	0.
SPRAYER, PAST.	63.	30.0	775.	4.0	0.80	0.80	0.	1.30	50.	10.	0.80	0.88	820.	0.	625.	0.
SHREDDER(2R)	64.	8.7	1000.	4.8	0.77	0.80	0.	1.30	100.	8.	0.80	0.88	800.	0.	1000.	0.
SHREDDER(4R)	65.	13.3	3250.	4.8	0.77	0.80	0.	1.30	125.	8.	0.80	0.88	2800.	0.	1250.	0.
OFFSET DISC	66.	10.0	2125.	4.8	0.77	0.80	0.	1.30	150.	8.	0.80	0.88	1700.	0.	1500.	0.
TANDEM DISC	67.	8.0	1400.	4.8	0.77	0.80	0.	1.30	150.	8.	0.80	0.88	1250.	0.	1500.	0.
TANDEM DISC	68.	13.0	2800.	4.8	0.77	0.80	0.	1.30	150.	8.	0.80	0.88	2520.	0.	1500.	0.
TANDEM DISC	69.	21.0	6250.	4.8	0.77	0.80	0.	1.30	150.	8.	0.80	0.88	5625.	0.	1500.	0.
ROW DISC	70.	20.0	2250.	4.8	0.77	0.80	0.	1.30	150.	8.	0.80	0.88	1800.	0.	1500.	0.
MB PLOW(4B)	71.	5.3	1680.	4.0	0.77	0.80	0.	1.30	175.	8.	0.80	0.88	1350.	0.	1750.	0.
MB PLOW(3B)	72.	4.0	1200.	4.0	0.77	0.80	0.	1.30	175.	8.	0.80	0.88	1050.	0.	1750.	0.
PLANTER	73.	13.3	1680.	5.0	0.88	0.80	0.	1.30	80.	8.	0.80	0.88	1350.	0.	800.	0.
PLANTER	74.	20.0	2500.	5.0	0.88	0.80	0.	1.30	75.	8.	0.80	0.88	2000.	0.	750.	0.
PLANTER,WTRMLN	75.	15.0	225.	5.0	0.88	0.80	0.	1.30	40.	10.	0.80	0.88	175.	0.	1200.	0.
GRAIN DRILL	76.	10.0	1450.	4.0	0.70	0.80	0.	1.30	100.	10.	0.80	0.88	1150.	0.	1250.	0.
TOOL BAR CULT.	77.	13.3	1125.	3.8	0.74	0.80	0.	1.30	150.	8.	0.80	0.88	900.	0.	1500.	0.
TOOL BAR CULT.	78.	20.0	1700.	3.8	0.74	0.80	0.	1.30	175.	8.	0.80	0.88	1350.	0.	1750.	0.
ROLLING CULTI.	79.	13.3	1800.	4.5	0.74	0.80	0.	1.30	150.	8.	0.80	0.88	1450.	0.	1500.	0.
ROLLING CULTI.	80.	20.0	2625.	4.5	0.74	0.80	0.	1.30	150.	8.	0.80	0.88	2100.	0.	1500.	0.
LISTER-BEDDER	81.	13.3	1400.	4.0	0.88	0.80	0.	1.30	175.	8.	0.80	0.88	1120.	0.	1750.	0.
LISTER-BEDDER	82.	20.0	1750.	4.0	0.88	0.80	0.	1.30	175.	8.	0.80	0.88	1400.	0.	1750.	0.
SPRAYER	83.	13.3	875.	4.0	0.85	0.80	0.	1.30	100.	8.	0.80	0.88	825.	0.	1000.	0.
SPRAYER	84.	20.0	850.	4.0	0.85	0.80	0.	1.30	100.	8.	0.80	0.88	725.	0.	1000.	0.
COTTON STRIPPERH	85.	8.7	9000.	3.0	0.80	0.80	0.	1.30	125.	8.	0.80	0.88	7200.	0.	1250.	0.
RENTD.FERT.APPL1	86.	30.0	1.	5.0	0.70	0.85	0.	1.80	100.	10.	0.80	0.88	1.	0.	2000.	0.
HARROW, MELON	87.	9.0	875.	5.0	0.88	0.80	0.	1.30	100.	10.	0.80	0.88	700.	0.	1250.	0.
SPRAYER,WTRMLN	88.	12.0	500.	4.0	0.85	0.80	0.	1.30	75.	8.	0.80	0.88	400.	0.	750.	0.
TRAILERS	89.	3.0	1000.	5.0	0.88	0.80	0.	1.30	100.	10.	0.80	0.88	800.	0.	1250.	0.
MIDDLE BUSTER	90.	12.0	500.	4.0	0.88	0.80	0.	1.30	100.	10.	0.80	0.88	400.	0.	1250.	0.
SUBSOILER	91.	10.0	2675.	4.0	0.88	0.80	0.	1.30	80.	10.	0.80	0.88	2300.	0.	1000.	0.
FERT DIST, MLN	92.	12.0	1500.	5.0	0.88	0.80	0.	1.30	250.	4.	0.80	0.88	1200.	0.	1250.	0.
PLANT-CULTIVATOR	93.	12.0	500.	4.8	0.88	0.80	0.	1.30	100.	8.	0.80	0.88	510.	0.	1000.	0.
ROLL. CULT	94.	12.0	300.	5.0	0.88	0.80	0.	1.30	300.	8.	0.80	0.88	250.	0.	2250.	0.
MIST BLOW SPR.	95.	30.0	3000.	4.0	0.88	0.80	0.	1.30	200.	5.	0.80	0.88	2400.	0.	1250.	0.
PLNTR/FERT BOX	96.	13.0	4750.	5.0	0.88	0.80	0.	1.30	100.	8.	0.80	0.88	3800.	0.	1000.	0.
PLNTR/FERT BOX	97.	20.0	8875.	5.0	0.88	0.80	0.	1.30	100.	8.	0.80	0.88	5500.	0.	1000.	0.
SPRAYER, PAST.	98.	30.0	775.	4.0	0.85	0.80	0.	1.30	50.	10.	0.80	0.88	820.	0.	625.	0.
SPRAYER, C. TREE	99.	8.0	1885.	4.5	0.80	0.80	0.	1.30	20.	8.	0.80	0.88	1500.	0.	750.	0.

TEXAS LIVESTOCK ENTERPRISE BUDGETS

NORTHEAST TEXAS REGION

Projected for 1984



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COW-CALF PRODUCTION NORTH EAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER COW

INVESTMENT REQUIREMENTS				PROJECTED		YOUR
	NUMBER	UNIT	SIZE	\$/UNIT	VALUE	ESTIMATE
BEEF COW PURCH.	1.00	HEAD	1.00	501.87	501.87	
BEEF BULL PURCH.	0.03	HEAD	1.00	930.00	30.69	
TOTAL LIVESTOCK INVESTMENT					\$ 532.56	\$
PRODUCTION				PROJECTED		
	NUMBER	WGT. EACH	TOTAL UNITS	\$/UNIT	RETURN	
STEER CALVES	0.43	4.85	2.1 CWT.	75.75	157.98	
HEIFER CALVES	0.43	4.65	2.0 CWT.	61.25	122.47	
CULL COWS	0.08	9.75	0.8 CWT.	36.50	28.47	
TOTAL PROJECTED RETURNS					\$ 308.92	\$
OPERATING INPUTS				PROJECTED		
	INPUT	USE	UNIT	\$/UNIT	COST	
COASTAL BER PAST	0.75	ACRE		54.03	40.52	
COMMON LEGUME	1.00	ACRE		72.58	72.58	
CUSTOM BALING	2.50	BALE		0.45	1.12	
SUPPLEMENT	3.00	CWT.		12.60	37.80	
SALT & MIN.	1.00	HEAD		13.50	13.50	
VET MEDICINE	1.00	HEAD		5.60	5.60	
MISC EXPENSE	1.00	HEAD		16.00	16.00	
MARKETING	1.00	HEAD		8.25	8.25	
EQUIPMENT FUEL AND LUBE					4.85	
EQUIPMENT REPAIR					6.59	
TOTAL OPERATING COST					\$ 206.82	\$
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 102.10	\$
CAPITAL INVESTMENT				QUANTITY INVESTED	UNIT	RATE OF RETURN
ANNUAL OPERATING CAPITAL	-1.45	DOL.		0.140		
EQUIPMENT INVESTMENT	298.55	DOL.		0.140		
LIVESTOCK INVESTMENT	532.56	DOL.		0.140		
TOTAL CAPITAL COST					\$ 116.15	\$
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ -14.05	\$
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)				PROJECTED COST		
EQUIPMENT					36.19	
LIVESTOCK					27.68	
TOTAL OWNERSHIP COST					\$ 63.87	\$
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT					\$ -77.92	\$
OPERATOR LABOR COSTS				LABOR USE	UNIT	RATE OF RETURN
EQUIPMENT	2.16	HOUR		4.50		
LIVESTOCK	5.00	HOUR		4.50		
TOTAL LABOR COST					\$ 32.21	\$
RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT					\$ -110.14	\$
LAND COSTS				INPUT USE	UNIT	RATE OF RETURN
COASTAL BER PAST	0.75	ACRE		20.00		
COMMON LEGUME	1.00	ACRE		10.00		
TOTAL LAND COST					\$ 25.00	\$
RESIDUAL RETURNS TO MANAGEMENT AND PROFIT					\$ -135.14	\$
TOTAL PROJECTED COST OF PRODUCTION					\$ 444.05	\$

30 COW, 1 BULL UNIT, FALL CALVING, NO CREEP FEED, GRADE GOOD CALVES,
PURCHASED REPLACEMENT EVERY 8 YR., 86% CALF CROP, 2% COW DEATH LOSS.

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.

COW-CALF PRODUCTION NORTH EAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER COW

	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC	
	(DOLLARS)												TOTAL
AVER. ANNUAL CAPITAL	3.64	5.07	6.44	5.98	9.37	-1.54	-10.67	-9.62	-6.57	-6.42	0.38	1.29	-1.45
LABOR REQUIREMENTS	(HOURS)												TOTAL
MACHINERY LABOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EQUIPMENT LABOR	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	2.16
LIVESTOCK LABOR	0.75	0.75	0.60	0.50	0.50	0.40	0.25	0.25	0.50	0.50	0.0	0.0	5.00
TOTAL LABOR	0.93	0.93	0.78	0.68	0.68	0.58	0.43	0.43	0.68	0.68	0.18	0.18	7.16

EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR

EQUIPMENT	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL OWN.	TOTAL OPER.	HOURS LABOR	ALLOC (%)
PASTURE FENCE	1	140.00	205.80	14.70	0.0	28.00	0.0	0.0	368.50	28.00	0.15	0.033
LOT FENCE	2	2.40	1.85	0.13	0.0	0.48	0.0	0.0	4.38	0.48	0.05	0.033
BARN	3	1.50	2.20	0.15	0.0	0.30	0.0	0.0	3.85	0.30	0.10	0.033
POND	4	0.90	1.32	0.09	0.0	0.09	0.0	0.0	2.32	0.09	0.01	0.033
STOCK TRAILER	5	280.00	215.80	15.40	0.0	56.00	0.0	0.0	511.00	56.00	0.10	0.020
PICKUP TRUCK	10	1057.14	888.00	63.29	0.0	252.00	1540.00	77.00	2006.42	1869.00	700.00	0.003
MINERAL FEEDER	31	28.00	11.78	0.84	0.0	1.40	0.0	0.0	40.80	1.40	0.10	0.020
BEEF COW PURCH.	52	13.75	70.26	5.02	2.51	0.0	0.0	0.0	91.54	0.0	0.0	1.000
BEEF BULL PURCH.	54	180.00	130.20	9.30	4.65	0.0	0.0	0.0	324.15	0.0	0.0	0.033

SELECTED EQUIPMENT COMPLEMENT INFORMATION

EQUIPMENT	1 CODE NO.	2 SIZE	3 UNIT	4 TYPE	5 LIST PRICE	6 PURCH PRICE	7 LIFE (YRS)	8 SALV. [%LP]	9 REPAIR [%LP]	10 FUEL USE	11 ANNUAL LABOR	12 ANNUAL USE	13 XXXXXX	14 XXXXXX	15 EFF.
PASTURE FENCE	1.	840.	FEET	2.	2800.	2800.	20.	0.0	0.20	0.0	0.1	0.0	0.0	0.0	0.0
LOT FENCE	2.	30.	FEET	2.	24.	24.	10.	0.0	0.20	0.0	0.1	0.0	0.0	0.0	0.0
BARN	3.	60.	SOFT	2.	30.	30.	20.	0.0	0.20	0.0	0.1	0.0	0.0	0.0	0.0
POND	4.	1000.	SOFT	2.	18.	18.	20.	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0
STOCK TRAILER	5.	10.	FEET	2.	2800.	2800.	10.	0.0	0.20	0.0	0.1	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.	TON	2.	10500.	9500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
MINERAL FEEDER	31.	1.	DOL.	2.	140.	140.	5.	0.0	0.05	0.0	0.1	0.0	0.0	0.0	0.0
BEEF COW PURCH.	52.	1.	HEAD	1.	550.	550.	8.	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BEEF BULL PURCH.	54.	1.	HEAD	1.	1200.	1200.	4.	0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0

STOCKER CALF PRODUCTION NORTH EAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER CALF
WINTER PROGRAM

PRODUCTION	NUMBER	WGT. EACH	TOTAL UNITS	UNIT	PROJECTED		YOUR ESTIMATE
					\$/UNIT	RETURN	
FEEDER STEERS	0.98	6.31	6.2	CWT.	63.00	389.58	
TOTAL PROJECTED RETURNS						\$ 389.58	\$
OPERATING INPUTS					PROJECTED		
		INPUT USE	UNIT		\$/UNIT	COST	
SM. GR. PASTURE		0.57	ACRE		135.00	76.95	
BULL CALVES		4.00	CWT.		64.25	257.00	
CONCENTRATES		2.20	CWT.		12.00	26.40	
HAY		7.00	BALE		1.75	12.25	
VET MED & IMP.		1.00	HEAD		3.75	3.75	
MARKETING		0.98	HEAD		8.50	8.33	
SALT AND MINERAL		1.00	HEAD		1.40	1.40	
EQUIPMENT FUEL AND LUBE						1.62	
EQUIPMENT REPAIR						4.05	
TOTAL OPERATING COST						\$ 391.74	\$
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT						\$ -2.16	\$
CAPITAL INVESTMENT					QUANTITY INVESTED	UNIT RATE OF RETURN	PROJECTED COST
ANNUAL OPERATING CAPITAL		252.60	DOL.		0.140		35.36
EQUIPMENT INVESTMENT		178.29	DOL.		0.140		24.96
TOTAL CAPITAL COST						\$ 60.32	\$
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT						\$ -62.49	\$
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)						PROJECTED COST	
EQUIPMENT						22.45	
TOTAL OWNERSHIP COST						\$ 22.45	\$
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT						\$ -84.94	\$
OPERATOR LABOR COSTS					LABOR USE	UNIT RATE OF RETURN	PROJECTED COST
EQUIPMENT		0.73	HOUR		4.50		3.30
LIVESTOCK		2.00	HOUR		4.50		9.00
TOTAL LABOR COST						\$ 12.30	\$
RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT						\$ -97.24	\$
LAND COSTS					INPUT USE	UNIT RATE OF RETURN	PROJECTED COST
SM. GR. PASTURE		0.57	ACRE		15.00		8.55
TOTAL LAND COST						\$ 8.55	\$
RESIDUAL RETURNS TO MANAGEMENT AND PROFIT						\$ -105.79	\$
TOTAL PROJECTED COST OF PRODUCTION						\$ 495.37	\$

50 STEER UNIT, STOCKING RATE 1.75 HEAD/ACRE, SMALL GRAIN WINTER PASTURE,
NOVEMBER-JUNE, 2% DEATH LOSS AND 3% SHRINKAGE ADJUSTMENT SHOWN IN MARKET
WEIGHT SOLD.

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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.

**STOCKER CALF PRODUCTION NORTH EAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER CALF
WINTER PROGRAM**

	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC	
	(DOLLARS)												TOTAL
AVER. ANNUAL CAPITAL	30.77	32.45	32.50	32.55	32.62	0.69	0.03	0.68	4.70	27.28	27.71	30.41	252.80
LABOR REQUIREMENTS	(HOURS)												TOTAL
MACHINERY LABOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EQUIPMENT LABOR	0.11	0.07	0.07	0.07	0.11	0.00	0.00	0.00	0.00	0.14	0.07	0.07	0.73
LIVESTOCK LABOR	0.35	0.30	0.20	0.10	0.35	0.40	0.0	0.0	0.0	0.0	0.15	0.15	2.00
TOTAL LABOR	0.46	0.37	0.27	0.17	0.46	0.40	0.00	0.00	0.00	0.14	0.22	0.22	2.73

EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR

EQUIPMENT	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL OWN.	TOTAL OPER.	HOURS LABOR	ALLOC (%)
PASTURE FENCE	1	140.00	205.80	14.70	0.0	28.00	0.0	0.0	369.50	28.00	0.15	0.020
LOT FENCE	2	2.40	1.85	0.13	0.0	0.48	0.0	0.0	4.38	0.48	0.05	0.020
BARN	3	1.50	2.20	0.15	0.0	0.30	0.0	0.0	3.85	0.30	0.10	0.020
POND	4	0.90	1.32	0.09	0.0	0.09	0.0	0.0	2.32	0.09	0.01	0.020
STOCK TRAILER	5	280.00	215.80	15.40	0.0	58.00	0.0	0.0	511.00	58.00	0.10	0.020
PICKUP TRUCK	10	1057.14	885.00	53.28	0.0	252.00	1540.00	77.00	2008.42	1859.00	700.00	0.001
MINERAL FEEDER	31	28.00	11.75	0.54	0.0	1.40	0.0	0.0	40.80	1.40	0.10	0.020

SELECTED EQUIPMENT COMPLEMENT INFORMATION

EQUIPMENT	1 CODE NO.	2 SIZE	3 UNIT	4 TYPE	5 LIST PRICE	6 PURCH PRICE	7 LIFE (YRS)	8 SALV. (%LP)	9 REPAIR (%LP)	10 FUEL USE	11 ANNUAL LABOR	12 ANNUAL USE	13 XXXXXX	14 XXXXXX	15 EFF.
PASTURE FENCE	1.	540.	FEET	2.	2800.	2800.	20.	0.0	0.20	0.0	0.1	0.0	0.0	0.0	0.0
LOT FENCE	2.	30.	FEET	2.	24.	24.	10.	0.0	0.20	0.0	0.1	0.0	0.0	0.0	0.0
BARN	3.	80.	SOFT	2.	30.	30.	20.	0.0	0.20	0.0	0.1	0.0	0.0	0.0	0.0
POND	4.	1000.	SOFT	2.	18.	18.	20.	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0
STOCK TRAILER	5.	10.	FEET	2.	2800.	2800.	10.	0.0	0.20	0.0	0.1	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.	TON	2.	10500.	9500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
MINERAL FEEDER	31.	1.	DOL.	2.	140.	140.	5.	0.0	0.05	0.0	0.1	0.0	0.0	0.0	0.0

FEEDER PIG PRODUCTION NORTH EAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER SOW

INVESTMENT REQUIREMENTS				PROJECTED		YOUR
	NUMBER	UNIT	SIZE	\$/UNIT	VALUE	ESTIMATE
SOW PURCHASED	1.00	HEAD	1.00	120.31	120.31	
BOAR PURCHASED	0.05	HEAD	1.00	175.00	8.75	
TOTAL LIVESTOCK INVESTMENT					\$ 129.06	\$
PRODUCTION				PROJECTED		
	NUMBER	WGT. EACH	TOTAL UNITS	\$/UNIT	RETURN	
FEEDER PIGS	18.00	55.00	990.0 LB.	1.12	1108.80	
TOTAL PROJECTED RETURNS					\$ 1108.80	\$
OPERATING INPUTS				PROJECTED		
	INPUT USE	UNIT		\$/UNIT	COST	
SOW FEED GEST.	5.10	CWT.		12.40	63.24	
SOW FEED LACT.	12.32	CWT.		12.40	152.77	
BOAR FEED	0.73	CWT.		12.50	9.12	
PIG STARTER	9.00	CWT.		14.30	128.70	
PASTURE	0.50	HEAD		161.00	80.50	
VET MEDICINE	1.50	DOL.		1.00	1.50	
MARKETING	18.00	HEAD		0.10	1.80	
MISC. EXPENSE	18.00	HEAD		1.00	18.00	
EQUIPMENT FUEL AND LUBE					11.32	
EQUIPMENT REPAIR					17.68	
TOTAL OPERATING COST					\$ 484.64	\$
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 624.16	\$
CAPITAL INVESTMENT				QUANTITY	UNIT	PROJECTED
	INVESTED			RATE OF		COST
				RETURN		
ANNUAL OPERATING CAPITAL	-314.49	DOL.		0.140		-44.03
EQUIPMENT INVESTMENT	525.35	DOL.		0.140		73.55
LIVESTOCK INVESTMENT	129.06	DOL.		0.140		18.07
TOTAL CAPITAL COST						\$ 47.59
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 576.58	\$
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)				PROJECTED		
					COST	
EQUIPMENT					98.75	
LIVESTOCK					13.81	
TOTAL OWNERSHIP COST					\$ 112.56	\$
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT					\$ 464.01	\$
OPERATOR LABOR COSTS				LABOR USE	UNIT	PROJECTED
						COST
					RATE OF	
					RETURN	
EQUIPMENT	6.75	HOUR		4.50		30.38
LIVESTOCK	14.00	HOUR		4.50		63.00
TOTAL LABOR COST						\$ 93.38
RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT					\$ 370.63	\$
LAND COSTS				INPUT USE	UNIT	PROJECTED
						COST
					RATE OF	
					RETURN	
LAND RENT	200.00	DOL.		0.08		16.00
TOTAL LAND COST						\$ 16.00
RESIDUAL RETURNS TO MANAGEMENT AND PROFIT					\$ 354.63	\$
TOTAL PROJECTED COST OF PRODUCTION					\$ 754.17	\$

20 SOW UNIT, FALL-SPRING FARROWING, 56 DAY WEANING, 18 PIGS PRODUCED PER SOW ANNUALLY. REPLACEMENT SOWS PURCHASED WITH A 2 YR. PRODUCTIVE LIFE.

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FEEDER PIG PRODUCTION NORTH EAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER SOW

	1	2	3	4	5	6	7	8	9	10	11	12	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
	(DOLLARS)												TOTAL
AVER. ANNUAL CAPITAL	-22.81	-34.10	-31.80	-43.03	-40.73	-50.88	1.42	-10.74	-9.32	-21.42	-20.00	-31.28	-314.48
	(HOURS)												TOTAL
LABOR REQUIREMENTS													
MACHINERY LABOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EQUIPMENT LABOR	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	8.75
LIVESTOCK LABOR	1.17	1.18	1.17	1.18	1.17	1.18	1.17	1.17	1.18	1.17	1.17	1.17	14.00
TOTAL LABOR	1.73	1.72	1.73	1.72	1.73	1.72	1.73	1.73	1.72	1.73	1.73	1.73	20.75

EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR

EQUIPMENT	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL OWN.	TOTAL OPER.	HOURS LABOR	ALLOC. (%)
STOCK TRAILER	5	280.00	215.80	15.40	0.0	58.00	0.0	0.0	511.00	58.00	0.10	0.020
PICKUP TRUCK	10	1087.14	888.00	83.29	0.0	252.00	1540.00	77.00	2008.42	1889.00	700.00	0.007
WATER SYSTEM	23	180.00	284.80	18.90	0.0	9.00	0.0	0.0	463.80	9.00	10.00	0.030
HOG FENCE	24	12.80	9.70	0.89	0.0	2.52	0.0	0.0	22.98	2.52	0.10	1.000
FARROWING HOUSE	25	11.50	10.48	0.75	0.0	1.15	0.0	0.0	22.71	1.15	0.05	1.000
PASTURE SHEDS	26	5.00	3.15	0.23	0.0	0.50	0.0	0.0	8.37	0.50	0.05	1.000
FEED STORAGE	27	4.80	3.70	0.28	0.0	0.48	0.0	0.0	8.78	0.48	0.05	1.000
FEEDERS-HOGS	28	10.00	4.90	0.35	0.0	1.00	0.0	0.0	15.25	1.00	0.25	1.000
BOAR PEN	29	28.80	22.18	1.58	0.0	8.84	0.0	0.0	52.58	8.84	1.00	1.000
WATERERS-HOG	30	2.40	1.01	0.07	0.0	0.24	0.0	0.0	3.48	0.24	0.05	1.000
SOW PURCHASED	72	9.38	18.84	1.20	0.80	0.0	0.0	0.0	28.02	0.0	0.0	1.000
BOAR PURCHASED	74	50.00	24.50	1.75	0.87	0.0	0.0	0.0	77.12	0.0	0.0	0.050

SELECTED EQUIPMENT COMPLEMENT INFORMATION

EQUIPMENT	1 CODE NO.	2 SIZE	3 UNIT	4 TYPE	5 LIST PRICE	6 PURCH PRICE	7 LIFE (YRS)	8 SALV. (%LP)	9 REPAIR (%LP)	10 FUEL USE	11 ANNUAL LABOR	12 ANNUAL USE	13 XXXXXX	14 XXXXXX	15 EFF.
STOCK TRAILER	5.	10.	FEET	2.	2800.	2800.	10.	0.0	0.20	0.0	0.1	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.	TON	2.	10500.	9500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
WATER SYSTEM	23.	1.	DOL.	2.	3600.	3600.	20.	0.0	0.05	0.0	10.0	0.0	0.0	0.0	0.0
HOG FENCE	24.	1.	DOL.	2.	128.	128.	10.	0.0	0.20	0.0	0.1	0.0	0.0	0.0	0.0
FARROWING HOUSE	25.	1.	DOL.	2.	138.	138.	12.	0.0	0.10	0.0	0.1	0.0	0.0	0.0	0.0
PASTURE SHEDS	26.	1.	DOL.	2.	40.	40.	8.	0.0	0.10	0.0	0.1	0.0	0.0	0.0	0.0
FEED STORAGE	27.	1.	DOL.	2.	48.	48.	10.	0.0	0.10	0.0	0.1	0.0	0.0	0.0	0.0
FEEDERS-HOGS	28.	1.	DOL.	2.	80.	80.	8.	0.0	0.10	0.0	0.3	0.0	0.0	0.0	0.0
BOAR PEN	29.	1.	DOL.	2.	288.	288.	10.	0.0	0.30	0.0	1.0	0.0	0.0	0.0	0.0
WATERERS-HOG	30.	1.	DOL.	2.	12.	12.	5.	0.0	0.10	0.0	0.1	0.0	0.0	0.0	0.0
SOW PURCHASED	72.	1.	HEAD	1.	125.	125.	2.	0.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BOAR PURCHASED	74.	1.	HEAD	1.	200.	200.	2.	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MARKET HOG PRODUCTION NORTH EAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER HOG

PRODUCTION	NUMBER	WGT. EACH	TOTAL UNITS	UNIT	PROJECTED \$/UNIT	RETURN	YOUR ESTIMATE
MARKET HOGS	0.98	2.35	2.3	CWT.	47.00	108.24	
TOTAL PROJECTED RETURNS						\$ 108.24	\$
OPERATING INPUTS					PROJECTED		
		INPUT USE	UNIT		\$/UNIT	COST	
FINISHING RATION		7.20	CWT.		12.10	87.12	
FEEDER PIGS		55.00	LB.		1.12	61.60	
VET MEDICINE		1.50	DOL.		1.00	1.50	
MARKETING		0.98	HEAD		2.00	1.96	
MISC. EXPENSE		1.00	HEAD		0.60	0.60	
EQUIPMENT FUEL AND LUBE						1.62	
EQUIPMENT REPAIR						0.85	
TOTAL OPERATING COST						\$ 155.25	\$
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT						\$ -47.01	\$
CAPITAL INVESTMENT					QUANTITY INVESTED	UNIT	RATE OF RETURN
ANNUAL OPERATING CAPITAL		66.10	DOL.		0.140		9.25
EQUIPMENT INVESTMENT		55.79	DOL.		0.140		7.81
TOTAL CAPITAL COST						\$ 17.07	\$
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT						\$ -64.07	\$
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)					PROJECTED COST		
EQUIPMENT						7.41	
TOTAL OWNERSHIP COST						\$ 7.41	\$
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT						\$ -71.48	\$
OPERATOR LABOR COSTS					LABOR USE	UNIT	RATE OF RETURN
EQUIPMENT		0.92	HOUR		4.50		4.14
LIVESTOCK		0.55	HOUR		4.50		2.48
TOTAL LABOR COST						\$ 6.62	\$
RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT						\$ -78.10	\$
LAND COSTS					INPUT USE	UNIT	RATE OF RETURN
LAND RENT		1.60	DOL.		0.08		0.13
TOTAL LAND COST						\$ 0.13	\$
RESIDUAL RETURNS TO MANAGEMENT AND PROFIT						\$ -78.23	\$
TOTAL PROJECTED COST OF PRODUCTION						\$ 186.47	\$

250 FED PER YEAR, 100 FED PER BUNCH, 4 POUNDS FEED PER POUND OF GAIN,
2% DEATH LOSS SHOWN IN MKT. WT. SOLD.

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MARKET HOG PRODUCTION NORTH EAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER HOG

	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC	
	(DOLLARS)												TOTAL
AVER. ANNUAL CAPITAL	4.39	10.22	10.84	11.48	12.09	3.93	0.82	1.24	1.87	2.52	3.15	3.77	88.10
LABOR REQUIREMENTS	(HOURS)												TOTAL
MACHINERY LABOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EQUIPMENT LABOR	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.92
LIVESTOCK LABOR	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.55
TOTAL LABOR	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	1.47

EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR

EQUIPMENT	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL OWN.	TOTAL OPER.	HOURS LABOR	ALLOE (%)
STOCK TRAILER	5	280.00	215.80	15.40	0.0	55.00	0.0	0.0	511.00	55.00	0.10	0.002
PICKUP TRUCK	10	1057.14	888.00	83.28	0.0	252.00	1540.00	77.00	2005.42	1868.00	700.00	0.001
WATER SYSTEM	23	180.00	264.80	18.80	0.0	9.00	0.0	0.0	453.50	9.00	10.00	0.020
HOG FENCE	24	12.80	9.70	0.89	0.0	2.52	0.0	0.0	22.98	2.52	0.10	0.110
FEED STORAGE	27	4.80	3.70	0.28	0.0	0.45	0.0	0.0	5.78	0.45	0.05	0.004
FEEDERS-HOGS	28	10.00	4.90	0.35	0.0	1.00	0.0	0.0	15.25	1.00	0.25	0.010
WATERERS-HOG	30	2.40	1.01	0.07	0.0	0.24	0.0	0.0	3.48	0.24	0.05	0.030
FEEDING SLAB	49	13.20	10.18	0.73	0.0	2.64	0.0	0.0	24.09	2.64	1.00	0.004

SELECTED EQUIPMENT COMPLEMENT INFORMATION

EQUIPMENT	1 CODE NO.	2 SIZE	3 UNIT	4 TYPE	5 LIST PRICE	6 PURCH PRICE	7 LIFE (YRS)	8 SALV. [%LP]	9 REPAIR [%LP]	10 FUEL USE	11 ANNUAL LABOR	12 ANNUAL USE	13 XXXXXX	14 XXXXXX	15 EFF.
STOCK TRAILER	5	10	FEET	2	2800.	2800.	10	0.0	0.20	0.0	0.1	0.0	0.0	0.0	0.0
PICKUP TRUCK	10	1	TON	2	10500.	9500.	7	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
WATER SYSTEM	23	1	DOL.	2	3600.	3600.	20	0.0	0.05	0.0	10.0	0.0	0.0	0.0	0.0
HOG FENCE	24	1	DOL.	2	128.	128.	10	0.0	0.20	0.0	0.1	0.0	0.0	0.0	0.0
FEED STORAGE	27	1	DOL.	2	48.	48.	10	0.0	0.10	0.0	0.1	0.0	0.0	0.0	0.0
FEEDERS-HOGS	28	1	DOL.	2	80.	80.	8	0.0	0.10	0.0	0.3	0.0	0.0	0.0	0.0
WATERERS-HOG	30	1	DOL.	2	12.	12.	5	0.0	0.10	0.0	0.1	0.0	0.0	0.0	0.0
FEEDING SLAB	49	180	SQFT	2	132.	132.	10	0.0	0.20	0.0	1.0	0.0	0.0	0.0	0.0

CONTRACT BROILERS, NORTH EAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER 16000 CAPACITY BROILER HOUSE
BASED ON A 4 HOUSE UNIT WITH 5.5 BATCHES PER YEAR

PRODUCTION	NUMBER	WGT. EACH	TOTAL UNITS	UNIT	PROJECTED \$/UNIT	RETURN	YOUR ESTIMATE
BROILERS	880.00	1.00	880.0	C.HD	13.50	11880.00	
TOTAL PROJECTED RETURNS						\$11880.00	\$

OPERATING INPUTS	INPUT USE	UNIT	PROJECTED \$/UNIT	COST	
ELECTRICITY	3983.00	KWH	0.06	238.98	
NATURAL GAS	1.00	DOL.	1224.00	1224.00	
SHAVINGS	4.00	LOAD	100.00	400.00	
INSUR. PREMIUMS	1.00	EACH	260.00	260.00	
SUPPLIES	1.00	EACH	50.00	50.00	
EQUIPMENT FUEL AND LUBE				194.04	
EQUIPMENT REPAIR				78.26	
TOTAL OPERATING COST				\$ 2445.27	\$

RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT	\$ 9434.72	\$
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CAPITAL INVESTMENT	QUANTITY INVESTED	UNIT	RATE OF RETURN	PROJECTED COST	
ANNUAL OPERATING CAPITAL	-4975.46	DOL.	0.140	-696.56	
EQUIPMENT INVESTMENT	19709.59	DOL.	0.140	2759.33	
TOTAL CAPITAL COST				\$ 2062.77	\$

RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT	\$ 7371.95	\$
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OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)	PROJECTED COST	
EQUIPMENT	2684.29	
TOTAL OWNERSHIP COST		\$ 2684.29 \$

RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT	\$ 4687.66	\$
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OPERATOR LABOR COSTS	LABOR USE	UNIT	RATE OF RETURN	PROJECTED COST	
EQUIPMENT	120.50	HOUR	4.50	542.25	
LIVESTOCK	360.00	HOUR	4.50	1620.00	
TOTAL LABOR COST				\$ 2162.25	\$

RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT	\$ 2525.41	\$
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LAND COSTS	INPUT USE	UNIT	RATE OF RETURN	PROJECTED COST	
LAND RENT	400.00	DOL.	0.08	32.00	
TAXES	102.00	DOL.	1.00	102.00	
TOTAL LAND COST				\$ 134.00	\$

RESIDUAL RETURNS TO MANAGEMENT AND PROFIT	\$ 2391.41	\$
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TOTAL PROJECTED COST OF PRODUCTION	\$ 9488.58	\$
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POULTRY HOUSE CLEANED OUT FOR MANURE. COST OF OTHER EQUIPMENT INCLUDES WELL AND WATER SYSTEM.

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CONTRACT BROILERS, NORTH EAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER 16000 CAPACITY BROILER HOUSE
BASED ON A 4 HOUSE UNIT WITH 5.5 BATCHES PER YEAR

	1	2	3	4	5	6	7	8	9	10	11	12	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
	(DOLLARS)												TOTAL
AVER. ANNUAL CAPITAL	487.08	638.00	817.27	775.08	3.44	184.68	188.58	332.81	320.41	489.28	488.52	529.48	*****
	(HOURS)												TOTAL
LABOR REQUIREMENTS													
MACHINERY LABOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EQUIPMENT LABOR	10.04	10.04	10.04	10.04	10.04	10.04	10.04	10.04	10.04	10.04	10.04	10.04	120.50
LIVESTOCK LABOR	28.00	22.00	29.00	35.00	28.00	35.00	35.00	35.00	28.00	32.00	24.00	32.00	380.00
TOTAL LABOR	38.04	32.04	39.04	45.04	38.04	45.04	45.04	45.04	38.04	42.04	34.04	42.04	480.50

EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR

EQUIPMENT	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL OWN.	TOTAL OPER.	HOURS LABOR	ALLOC [. %]
PICKUP TRUCK	10	1057.14	888.00	83.28	0.0	252.00	1540.00	77.00	2008.42	1889.00	700.00	0.120
BROILER HOUSE	15	2333.33	2813.32	188.87	0.0	48.87	0.0	0.0	5133.32	48.87	35.00	1.000
WATER SYSTEM	23	180.00	284.80	18.80	0.0	9.00	0.0	0.0	483.50	9.00	10.00	0.150

SELECTED EQUIPMENT COMPLEMENT INFORMATION

EQUIPMENT	1 CODE NO.	2 SIZE	3 UNIT	4 TYPE	5 LIST PRICE	6 PURCH PRICE	7 LIFE (YRS)	8 SALV. [%LP]	9 REPAIR [%LP]	10 FUEL USE	11 ANNUAL LABOR	12 ANNUAL USE	13 XXXXXX	14 XXXXXX	15 EFF.
PICKUP TRUCK	10.	1.	TON	2.	10500.	8500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
BROILER HOUSE	15.	15000.	SOFT	2.	35000.	35000.	15.	0.0	0.02	0.0	35.0	0.0	0.0	0.0	0.0
WATER SYSTEM	23.	1.	DOL.	2.	3800.	3800.	20.	0.0	0.05	0.0	10.0	0.0	0.0	0.0	0.0

CONTRACT CAGE EGG PRODUCTION NORTH EAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER 10,000 BIRD HOUSE
BASED ON A 2 HOUSE UNIT

PRODUCTION		WGT.	TOTAL	PROJECTED		YOUR
	NUMBER	EACH	UNITS	\$/UNIT	RETURN	ESTIMATE
EGGS	6649.00	1.00	6649.0	3.00	19947.00	
TOTAL PROJECTED RETURNS					\$19947.00	\$

OPERATING INPUTS			PROJECTED			
	INPUT	USE	UNIT	\$/UNIT	COST	
ELECTRICITY	9600.00		KWH	0.06	576.00	
LP GAS	119.00		GAL.	0.85	101.15	
CLEANING	1.00		EACH	325.00	325.00	
INSUR. PREMIUMS	1.00		EACH	260.00	260.00	
SUPPLIES	1.00		DOL.	200.00	200.00	
EQUIPMENT FUEL AND LUBE					565.95	
EQUIPMENT REPAIR					155.90	
TOTAL OPERATING COST					\$ 2184.00	\$

RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT					\$17763.00	\$

CAPITAL INVESTMENT		QUANTITY	UNIT	RATE OF	PROJECTED	
		INVESTED		RETURN	COST	
ANNUAL OPERATING CAPITAL	-9552.19		DOL.	0.140	-1337.30	
EQUIPMENT INVESTMENT	37448.62		DOL.	0.140	5242.79	
TOTAL CAPITAL COST					\$ 3905.48	\$

RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT					\$13857.52	\$

OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)					PROJECTED	
					COST	
EQUIPMENT					5131.81	
TOTAL OWNERSHIP COST					\$ 5131.81	\$

RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT					\$ 8725.70	\$

OPERATOR LABOR COSTS		LABOR	USE	UNIT	RATE OF	PROJECTED
					RETURN	COST
EQUIPMENT	278.00		HOUR	4.50		1251.00
LIVESTOCK	1128.00		HOUR	4.50		5076.00
TOTAL LABOR COST						\$ 6327.00

RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT					\$ 2398.71	\$

LAND COSTS		INPUT	USE	UNIT	RATE OF	PROJECTED
					RETURN	COST
LAND RENT	400.00		DOL.	0.08		32.00
TAXES	102.00		DOL.	1.00		102.00
TOTAL LAND COST						\$ 134.00

RESIDUAL RETURNS TO MANAGEMENT AND PROFIT					\$ 2264.71	\$

TOTAL PROJECTED COST OF PRODUCTION					\$17682.29	\$

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.

CONTRACT CAGE EGG PRODUCTION NORTH EAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER 10,000 BIRD HOUSE
BASED ON A 2 HOUSE UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
	(DOLLARS)												TOTAL
AVER. ANNUAL CAPITAL	849.23	978.72	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
	(HOURS)												TOTAL
LABOR REQUIREMENTS													
MACHINERY LABOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EQUIPMENT LABOR	23.17	23.17	23.17	23.17	23.17	23.17	23.17	23.17	23.17	23.17	23.17	23.17	278.00
LIVESTOCK LABOR	94.00	94.00	94.00	94.00	94.00	94.00	94.00	94.00	94.00	94.00	94.00	94.00	1128.00
TOTAL LABOR	117.17	117.17	117.17	117.17	117.17	117.17	117.17	117.17	117.17	117.17	117.17	117.17	1406.00

EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR

EQUIPMENT	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL OWN.	TOTAL OPER.	HOURS LABOR	ALLOC [%]
LAYER HOUSE	7	4333.33	4853.31	348.87	0.0	85.00	0.0	0.0	9533.30	85.00	30.00	1.000
PICKUP TRUCK	10	1057.14	888.00	83.29	0.0	282.00	1540.00	77.00	2008.42	1869.00	700.00	0.350
WATER SYSTEM	23	180.00	284.50	18.50	0.0	8.00	0.0	0.0	463.50	9.00	10.00	0.300

SELECTED EQUIPMENT COMPLEMENT INFORMATION

EQUIPMENT	1 CODE NO.	2 SIZE	3 UNIT	4 TYPE	5 LIST PRICE	6 PURCH PRICE	7 LIFE (YRS)	8 SALV. (%LP)	9 REPAIR (%LP)	10 FUEL USE	11 ANNUAL LABOR	12 ANNUAL USE	13 XXXXXX	14 XXXXXX	15 EFF.
LAYER HOUSE	7	11520	SOFT	2	85000	85000	15	0.0	0.02	0.0	30.0	0.0	0.0	0.0	0.0
PICKUP TRUCK	10	1	TON	2	10500	9500	7	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
WATER SYSTEM	23	1	DOL	2	3500	3500	20	0.0	0.05	0.0	10.0	0.0	0.0	0.0	0.0

DAIRY PRODUCTION NORTH EAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER COW

INVESTMENT REQUIREMENTS				PROJECTED		YOUR
	NUMBER	UNIT	SIZE	\$/UNIT	VALUE	ESTIMATE
DAIRY COW RAISED	1.00	HEAD	1.00	1250.00	1250.00	
DAIRY HEIFER RA.	0.24	HEAD	1.00	400.00	96.00	
TOTAL LIVESTOCK INVESTMENT					\$ 1346.00	\$
PRODUCTION				PROJECTED		
	NUMBER	WGT. EACH	TOTAL UNITS	\$/UNIT	RETURN	
MILK	139.92	1.00	139.9 CWT.	13.80	1930.90	
DAIRY BULL CALVE	0.45	1.00	0.4 HEAD	60.00	27.00	
BREEDING HEIFERS	0.20	1.00	0.2 HEAD	700.00	140.00	
CULL DAIRY COWS	0.22	13.00	2.9 CWT.	40.00	114.40	
TOTAL PROJECTED RETURNS					\$ 2212.29	\$
OPERATING INPUTS				PROJECTED		
	INPUT USE	UNIT		\$/UNIT	COST	
GRAIN MIX	70.00	CWT.		9.10	637.00	
HAY (PROD.COST)	3.50	TON		46.00	161.00	
PASTURE	1.00	HEAD		161.00	161.00	
VET MEDICINE	1.00	HEAD		24.00	24.00	
BREEDING	0.95	HEAD		26.00	24.70	
SUPPLIES	1.00	HEAD		37.00	37.00	
MGMT RECORDS	1.00	HEAD		20.00	20.00	
UTILITIES	1.00	HEAD		40.00	40.00	
HAULING	139.92	CWT.		0.92	128.73	
CALF FEED	1.00	CWT.		10.50	10.50	
RAISING HERD REP	0.87	HEAD		200.00	174.20	
MISC EXPENSE	12.00	HEAD		16.00	192.00	
EQUIPMENT FUEL AND LUBE					16.17	
EQUIPMENT REPAIR					4.96	
TOTAL OPERATING COST					\$ 1631.25	\$
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 581.05	\$
CAPITAL INVESTMENT				QUANTITY UNIT RATE OF PROJECTED		
	INVESTED			RETURN	COST	
ANNUAL OPERATING CAPITAL	-361.96	DOL.	0.140		-50.67	
EQUIPMENT INVESTMENT	634.00	DOL.	0.140		88.76	
LIVESTOCK INVESTMENT	1346.00	DOL.	0.140		188.44	
TOTAL CAPITAL COST					\$ 226.52	\$
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 354.52	\$
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)				PROJECTED		
					COST	
EQUIPMENT					81.09	
LIVESTOCK					20.19	
TOTAL OWNERSHIP COST					\$ 101.28	\$
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT					\$ 253.25	\$
OPERATOR LABOR COSTS				LABOR USE UNIT RATE OF PROJECTED		
				RETURN	COST	
EQUIPMENT	7.10	hour	4.50		31.95	
LIVESTOCK	78.00	hour	4.50		351.00	
TOTAL LABOR COST					\$ 382.95	\$
RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT					\$ -129.70	\$
LAND COSTS				INPUT USE UNIT RATE OF PROJECTED		
				RETURN	COST	
LAND RENT	1.00	acre	15.00		15.00	
TOTAL LAND COST					\$ 15.00	\$
RESIDUAL RETURNS TO MANAGEMENT AND PROFIT					\$ -144.70	\$
TOTAL PROJECTED COST OF PRODUCTION					\$ 2357.00	\$

100 COW DAIRY, 13500 LBS. PRODUCTION PER COW, BARN IS DOUBLE 6 HERRINGBONE, FEEDING OUTSIDE MILKING PARLOR, 25% REPLACEMENT, 3% DEATH LOSS ON COWS.

547 PROJECTIONS FOR PLANNING PURPOSES ONLY ... NOT TO BE USED WITHOUT UPDATING AFTER 02/13/84.

OUT9

DAIRY PRODUCTION NORTH EAST TEXAS REGION
1984 PROJECTED COSTS AND RETURNS PER COW

	1	2	3	4	5	6	7	8	9	10	11	12	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
	(DOLLARS)												TOTAL
AVER. ANNUAL CAPITAL	-30.82	-41.75	-42.49	-46.46	-48.93	-47.17	-0.31	-12.33	-17.78	-21.75	-25.05	-29.08	-381.98
	(HOURS)												TOTAL
LABOR REQUIREMENTS													
MACHINERY LABOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EQUIPMENT LABOR	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	7.10
LIVESTOCK LABOR	7.02	8.24	8.24	8.24	8.24	8.48	8.24	8.24	7.02	7.02	7.80	8.24	78.00
TOTAL LABOR	7.61	8.83	8.83	8.83	8.83	9.05	8.83	8.83	7.61	7.61	8.39	8.83	85.10

EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR

EQUIPMENT	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL OWN.	TOTAL OPER.	HOURS LABOR	ALLOC (%)
PICKUP TRUCK	10	1057.14	886.00	83.28	0.0	252.00	1540.00	77.00	2008.42	1888.00	700.00	0.010
WATER SYSTEM	23	180.00	284.80	18.80	0.0	8.00	0.0	0.0	482.80	8.00	10.00	0.010
MILKING COMPLEX	33	3475.00	5108.23	384.87	0.0	173.75	0.0	0.0	8848.10	173.75	0.0	0.010
CALF BARN	43	200.00	294.00	21.00	0.0	10.00	0.0	0.0	515.00	10.00	0.0	0.010
HAY RACKS	44	712.50	88.82	5.19	0.0	2.25	0.0	0.0	205.31	2.25	0.0	0.010
HAY BARN	45	500.00	735.00	82.50	0.0	10.00	0.0	0.0	1287.50	10.00	0.0	0.010
MANURE SYSTEM	47	1950.00	1501.48	107.25	0.0	39.00	0.0	0.0	3558.74	39.00	0.0	0.010
DAIRY COW RAISED	81	0.0	175.00	12.50	8.25	0.0	0.0	0.0	193.75	0.0	0.0	1.000
DAIRY HEIFER RA.	85	0.0	55.00	4.00	2.00	0.0	0.0	0.0	62.00	0.0	0.0	0.240

SELECTED EQUIPMENT COMPLEMENT INFORMATION

EQUIPMENT	1 CODE NO.	2 SIZE	3 UNIT	4 TYPE	5 LIST PRICE	6 PURCH PRICE	7 LIFE (YRS)	8 SALV. [%LP]	9 REPAIR [%LP]	10 FUEL USE	11 ANNUAL LABOR	12 ANNUAL USE	13 XXXXXX	14 XXXXXX	15 EFF.
PICKUP TRUCK	10.	1.	TON	2.	10500.	9500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
WATER SYSTEM	23.	1.	DOL.	2.	3500.	3500.	20.	0.0	0.05	0.0	10.0	0.0	0.0	0.0	0.0
MILKING COMPLEX	33.	100.	HEAD	2.	88500.	88500.	20.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
CALF BARN	43.	500.	SOFT	2.	4000.	4000.	20.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
HAY RACKS	44.	75.	FEET	2.	1125.	1125.	10.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
HAY BARN	45.	2500.	SOFT	2.	10000.	10000.	20.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
MANURE SYSTEM	47.	1.	DOL.	2.	19500.	19500.	10.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
DAIRY COW RAISED	81.	1.	HEAD	1.	1250.	1250.	6.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAIRY HEIFER RA.	85.	1.	HEAD	1.	400.	400.	8.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

LISTING OF ECONOMIC AND ENGINEERING DATA FOR EQUIPMENT IN REGION 11

DATE:010384

LUT4

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
EQUIPMENT NAME	CODE	SIZE	UNIT	TYPE	LIST PRICE	PURCH. PRICE	LIFE (YRS)	SALV. (%LP)	REPAIR (%LP)	FUEL USE	ANNUAL LABOR	ANNUAL USE	XXXXXX	XXXXXX	EFF.
PASTURE FENCE	1.	840.	18.	2.	2800.	2800.	20.	0.0	0.20	0.0	0.1	0.0	0.0	0.0	0.0
LOT FENCE	2.	30.	18.	2.	24.	24.	10.	0.0	0.20	0.0	0.1	0.0	0.0	0.0	0.0
BARN	3.	80.	21.	2.	30.	30.	20.	0.0	0.20	0.0	0.1	0.0	0.0	0.0	0.0
POND	4.	1000.	21.	2.	18.	18.	20.	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0
STOCK TRAILER	5.	10.	18.	2.	2800.	2800.	10.	0.0	0.20	0.0	0.1	0.0	0.0	0.0	0.0
LAYER HOUSE	7.	11520.	21.	2.	85000.	85000.	15.	0.0	0.02	0.0	30.0	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.	3.	2.	10500.	8500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
BROILER HOUSE	15.	15000.	21.	2.	35000.	35000.	15.	0.0	0.02	0.0	35.0	0.0	0.0	0.0	0.0
WATER SYSTEM	23.	1.	15.	2.	3600.	3600.	20.	0.0	0.05	0.0	10.0	0.0	0.0	0.0	0.0
HOG FENCE	24.	1.	15.	2.	128.	128.	10.	0.0	0.20	0.0	0.1	0.0	0.0	0.0	0.0
FARROWING HOUSE	25.	1.	15.	2.	138.	138.	12.	0.0	0.10	0.0	0.1	0.0	0.0	0.0	0.0
PASTURE SHEDS	26.	1.	15.	2.	40.	40.	8.	0.0	0.10	0.0	0.1	0.0	0.0	0.0	0.0
FEED STORAGE	27.	1.	15.	2.	48.	48.	10.	0.0	0.10	0.0	0.1	0.0	0.0	0.0	0.0
FEEDERS-HOGS	28.	1.	15.	2.	80.	80.	8.	0.0	0.10	0.0	0.3	0.0	0.0	0.0	0.0
BOAR PEN	29.	1.	15.	2.	288.	288.	10.	0.0	0.30	0.0	1.0	0.0	0.0	0.0	0.0
WATERERS-HOG	30.	1.	15.	2.	12.	12.	5.	0.0	0.10	0.0	0.1	0.0	0.0	0.0	0.0
MINERAL FEEDER	31.	1.	15.	2.	140.	140.	5.	0.0	0.05	0.0	0.1	0.0	0.0	0.0	0.0
MILKING COMPLEX	33.	100.	1.	2.	89500.	89500.	20.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
MILK ROOM	34.	440.	21.	2.	8800.	8800.	20.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
MILKING STALLS	35.	1.	15.	2.	3020.	3020.	10.	0.20	0.05	0.0	0.0	0.0	0.0	0.0	0.0
MILKERS	36.	1.	15.	2.	8500.	8500.	10.	0.20	0.05	0.0	0.0	0.0	0.0	0.0	0.0
BULK MILK COOLER	37.	1500.	5.	2.	9570.	9570.	10.	0.18	0.05	0.0	0.0	0.0	0.0	0.0	0.0
HORIZONTAL SILO	38.	1800.	3.	2.	8500.	8500.	20.	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0
MECHANICAL FEEDR	39.	1.	15.	2.	5200.	5200.	10.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
SILAGE DIG/WAGON	40.	1.	15.	2.	11000.	11000.	10.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
HOLDING AREA	41.	1500.	21.	2.	8000.	8000.	20.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
ROOF FONG AREA	42.	1800.	21.	2.	8400.	8400.	20.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
CALF BARN	43.	500.	21.	2.	4000.	4000.	20.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
HAY RACKS	44.	75.	19.	2.	1125.	1125.	10.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
HAY BARN	45.	2800.	21.	2.	10000.	10000.	20.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
FEED MILL	46.	1.	15.	2.	14000.	14000.	10.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
MANURE SYSTEM	47.	1.	15.	2.	19500.	19500.	10.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
FEEDING SLAB	49.	180.	21.	2.	132.	132.	10.	0.0	0.20	0.0	1.0	0.0	0.0	0.0	0.0

LISTING OF ECONOMIC AND ENGINEERING DATA FOR EQUIPMENT IN REGION 11

DATE:010384

LUT4

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
EQUIPMENT NAME	CODE	SIZE	UNIT	TYPE	LIST PRICE	PURCH. PRICE	LIFE (YRS)	SALV. (%LP)	REPAIR (%LP)	FUEL USE	ANNUAL LABOR	ANNUAL USE	XXXXXX	XXXXXX	EFF.
COW RAISED	51.	1.	1.	1.	750.	750.	8.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BEEF COW PURCH.	52.	1.	1.	1.	550.	550.	8.	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BEEF BULL PURCH.	54.	1.	1.	1.	1200.	1200.	4.	0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEIFER RAISED	55.	1.	1.	1.	450.	450.	10.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAIRY COW RAISED	61.	1.	1.	1.	1250.	1250.	8.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAIRY COW PURCH.	62.	1.	1.	1.	1250.	1250.	8.	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAIRY BULL PUR.	64.	1.	1.	1.	800.	800.	4.	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAIRY HEIFER RA.	65.	1.	1.	1.	400.	400.	8.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAIRY HEIFER PUR	66.	1.	1.	1.	400.	400.	8.	0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SOW RAISED	71.	1.	1.	1.	125.	125.	2.	0.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SOW PURCHASED	72.	1.	1.	1.	125.	125.	2.	0.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BOAR PURCHASED	74.	1.	1.	1.	200.	200.	2.	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HORSE	85.	1.	1.	1.	750.	750.	8.	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0