

SORGHUM FOLLOWING COTTON, TEXAS BLACKLAND REGION
 CONSERVATION TILLAGE
 1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
SORGHUM	38.00	CWT.	4.80	182.40	
DEFICIENCY PMT.	38.00	CWT.	0.82	31.16	
TOTAL PROJECTED RETURNS				\$ 213.56	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SEED	6.00	LB.	0.95	5.70	
*NITROGEN	24.00	LB.	0.23	5.52	
*PHOSPHORUS	48.00	LB.	0.26	12.48	
*NITROGEN (LIQ)	64.00	LB.	0.26	16.64	
FERTILIZER APPLI	2.00	ACRE	2.75	5.50	
*MILOGUARD	0.80	LB.	3.50	2.80	
*POTASSIUM	24.00	LB.	0.24	5.76	
*FURADAN	6.00	LB.	1.50	9.00	
*ROUNDUP	0.02	GAL.	68.60	1.37	
*ETHYL PARATHION	1.00	LB.	2.25	2.25	
FUEL & LUBE--TRACTOR		ACRE		6.41	
REPAIRS-----TRACTOR		ACRE		1.45	
EQUIPMENT		ACRE		2.94	
LABOR-----MACHINERY	1.06	HR	4.50	4.78	
OPERATING CAPITAL	24.07	DOL.	0.077	1.85	
SUBTOTAL, PREHARVEST		ACRE		\$ 84.45	\$
HARVEST COSTS					
CUSTOM HARVEST	38.00	CWT.	0.45	17.10	
HAULING	38.00	CWT.	0.20	7.60	
SUBTOTAL, HARVEST		ACRE		\$ 24.70	\$
TOTAL VARIABLE COSTS		ACRE		\$ 109.15	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 2.05/CWT.	SORGHUM	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 104.41	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		12.92	
EQUIPMENT		ACRE		4.45	
LAND---NET SHARE-RENT		ACRE		43.46	
TOTAL FIXED COSTS		ACRE		\$ 60.84	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 169.99	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 3.65/CWT.	SORGHUM	
6. NET PROJECTED RETURNS		ACRE		\$ 43.57	\$

LAND RENT IS BASED ON 33% OF GROSS INCOME LESS 33% OF
 FERTILIZER, INSECTICIDE, HARVEST AND 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.

SORGHUM FOLLOWING COTTON, TEXAS BLACKLAND REGION
CONSERVATION TILLAGE
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
SHREDDER	3,44	OCT	1.00	0.283	0.214	2.12	1.27	0.0	4.32	7.71
DISK	34	OCT	1.00	0.0	0.170	0.31	0.0	0.0	0.60	0.91
SWEEP CULTIVATOR	2,32	NOV	1.00	0.131	0.099	1.33	0.59	0.0	1.93	3.86
ROLLING CULTIV.	2,47	DEC	1.00	0.085	0.064	0.86	0.38	0.0	1.24	2.48
PLANTER	2,42	MAR	1.00	0.181	0.137	2.59	0.82	14.70	3.96	22.07
SPRAYER	3,48	MAR	1.00	0.168	0.127	1.45	0.75	2.80	2.23	7.24
SWEEP CULTIVATOR	2,32	APR	1.00	0.131	0.099	1.33	0.59	0.0	1.93	3.86
ROPE WICK	51	APR	1.00	0.0	0.064	0.06	0.0	1.37	0.05	1.48
SPRAYER	3,48	JUNE	0.50	0.084	0.063	0.73	0.38	2.25	1.12	4.47
TOTALS				1.063	1.039	10.80	4.78	21.12	17.37	54.07

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 SORGHUM (DOLLARS)				
		3.84	4.32	4.80	5.28	5.76
QUANTITY OF SORGHUM	CWT.					
	30.40	16.08	25.86	35.63	45.41	55.19
	34.20	26.29	37.29	48.29	59.29	70.29
	38.00	36.50	48.72	60.94	73.16	85.38
	41.80	46.71	60.15	73.60	87.04	100.48
	45.60	56.92	71.58	86.25	100.91	115.58

HARD WINTER WHEAT FOLLOWING CORN, TEXAS BLACKLAND REGION
 CONSERVATION TILLAGE
 1984 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
WHEAT	35.00	BU.	3.30	115.50	
DEFICIENCY PMT.	35.00	BU.	1.15	40.25	
TOTAL PROJECTED RETURNS				\$ 155.75	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*SEED	80.00	LB.	0.20	16.00	
*NITROGEN	24.00	LB.	0.23	5.52	
*PHOSPHORUS	48.00	LB.	0.26	12.48	
FERTILIZER APPLI	2.00	ACRE	2.75	5.50	
*RHONOX	0.67	PINT	2.24	1.50	
*POTASSIUM	24.00	LB.	0.24	5.76	
*CYGON	11.00	OZ.	0.22	2.42	
*NITROGEN (LIQ)	64.00	LB.	0.26	16.64	
FUEL & LUBE--TRACTOR		ACRE		3.44	
REPAIRS-----TRACTOR		ACRE		0.78	
EQUIPMENT		ACRE		1.02	
LABOR-----MACHINERY	0.58	HOUR	4.50	2.62	
OPERATING CAPITAL	22.08	DOL.	0.077	1.70	
SUBTOTAL, PREHARVEST		ACRE		\$ 75.37	\$
HARVEST COSTS					
CUSTOM HARVEST	1.00	ACRE	12.00	12.00	
HAUL WHEAT	35.00	BU.	0.12	4.20	
SUBTOTAL, HARVEST		ACRE		\$ 16.20	\$
TOTAL VARIABLE COSTS		ACRE		\$ 91.57	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 1.47/BU.	WHEAT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 64.18	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		7.06	
EQUIPMENT		ACRE		3.57	
LAND----NET SHARE-RENT		ACRE		30.11	
TOTAL FIXED COSTS		ACRE		\$ 40.74	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 132.31	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 2.63/BU.	WHEAT	
6. NET PROJECTED RETURNS		ACRE		\$ 23.44	\$

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CONSERVATION TILLAGE
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
CHISEL	2,31	SEPT	1.00	0.159	0.121	1.48	0.72	0.0	2.59	4.79
FIELD CULTIVATOR	2,52	OCT	1.00	0.079	0.060	0.86	0.36	0.0	1.24	2.46
DRILL	3,36	OCT	1.00	0.344	0.260	2.89	1.55	16.00	6.80	27.24
TOTALS				0.582	0.441	5.24	2.62	16.00	10.63	34.49

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)				
		2.64	2.97	3.30	3.63	3.96
QUANTITY OF WHEAT	BU.					
	28.00	1.38	7.57	13.76	19.95	26.14
	31.50	9.99	16.95	23.92	30.88	37.84
	35.00	18.59	26.33	34.07	41.81	49.55
	38.50	27.20	35.71	44.22	52.74	61.25
	42.00	35.80	45.09	54.38	63.66	72.95

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
1	MILK		CWT.	13.75	196	COASTAL HAY		TON	55.00
10	FEEDER CALVES		CWT.	60.00	198	SEED	WHET	LB.	0.20
13	STEER CALVES		CWT.	67.50	202	SM. GR. PASTURE			
14	HEIFER CALVES		CWT.	60.75	203	HAY	CROP	TON	55.00
15	CULL HEIFERS	DAIR	HEAD	280.00	211	NITROGEN		LB.	0.23
16	DEATH LOSS 2%	STOC	DOL.	267.75	214	NITROGEN (LIQ)	2800	LB.	0.26
17	CULL COWS	BEEF	CWT.	36.50	216	PHOSPHORUS		LB.	0.26
20	STOCKER CALVES		CWT.	63.00	221	POTASSIUM		LB.	0.24
22	DAIRY BULL CALVE		HEAD	30.00	222	FURADAN	INSC	PINT	5.55
43	MARKET HOGS		CWT.	52.00	223	ATRAZINE	HERB	LB.	2.55
48	DEATH LOSS 2%		DOL.	60.00	224	LASSO	HERB	QT.	4.88
49	FEEDER PIGS		LB.	1.20	225	HAND HOEING	GRAN	ACRE	5.00
66					226	HAND HOEING	COTT	ACRE	10.00
67			BU.		227	TREFLAN	HERB	QT.	6.25
68			BU.		228	CAPAROL	HERB	LB.	5.00
69			LB.		229	BIDRIN	INSC	LB.	6.90
70	DEFICIENCY PMT.	WHET	BU.	1.15	233	GUTHION	INSC	PINT	2.40
71	DEFICIENCY PMT.	SORG	CWT.	0.82	234	DIPEL		LB.	7.35
72	CORN		BU.	2.95	240	CYGON		OZ.	0.22
73	SORGHUM		CWT.	4.80	241	IMIDAN		LB.	2.60
74	OATS		BU.	1.70	247	MILOGARD	HERB	LB.	3.60
76	WHEAT		BU.	3.30	249	DUAL		PINT	5.71
90	DEFICIENCY PMT.	COTT	LB.	0.18	250	FURADAN		LB.	1.50
91	DEFICIENCY PMT.	CORN	BU.	0.48	251	2-4-D		QT.	2.67
93	COTTON LINT		LB.	0.55	252	ROUNDUP		GAL.	68.60
94	COTTONSEED		TON	110.00	265	DESICCANT		GAL.	10.50
103	SALT & MIN.		CWT.	9.85	266	ARSENIC ACID		GAL.	10.50
105	CREEP FEED		CWT.	9.20	269	CUSTOM HARVEST	WHET	ACRE	12.00
110	RANGE CUBES		CWT.	9.15	270	CUSTOM HARVEST	SORG	CWT.	0.45
111	CONCENTRATES		CWT.	9.20	272	CUSTOM HARVEST	CORN	ACRE	15.00
112	PROT. SUPPLEMENT		CWT.	10.00	276	STRIP & HAUL		CWT.	1.55
122	MILK REPLACER		LB.	0.56	282	GIN, BAG, TIES		CWT.	2.25
123	GRAIN MIX		CWT.	8.00	283	HAULING	SORG	CWT.	0.20
129	FINISHING RATION		CWT.	10.55	284	HAUL WHEAT		BU.	0.12
135	SOW FEED GEST.		CWT.	11.50	285	HAUL CORN		BU.	0.14
136	SOW FEED LACT.		CWT.	11.90	291	SEED	COTN	LB.	0.51
137	BOAR FEED		CWT.	9.60	296	DIMETHIOATE		PINT	2.06
138	PIG STARTER		CWT.	13.90	297	ETHYL PARATHION	INSC	LB.	2.25
149	BREEDING	DAIR	HEAD	24.50	298	RHONOX	HERB	PINT	2.24
150	COASTAL PASTURE		ACRE	67.00	320	CUSTOM COMBINING	OATS	ACRE	12.00
151	PASTURE	DAIR	ACRE	12.00	322	CUSTOM HAULING	OATS	BU.	0.10
152	SM. GR. PASTURE		ACRE	120.00	330	FERTILIZER APPLI		ACRE	2.75
154	PASTURE, NATIVE		ACRE	1.50	333	INSECT. APPLI.		APPL	2.75
170	HAY	LIVE	CWT.	2.75	340	CUSTOM BALING		BALE	0.65
175	SORGHUM HAY		TON	55.00	341	CUSTOM BALE HAUL		BALE	0.36
180	SEED		LB.		383	MARKETING	CALF	HEAD	8.12
184	SEED	CORN	LB.	1.25	399	MGMT RECORDS	DAIR	HEAD	15.50
186	SEED	SORG	LB.	0.95	400	MISC EXPENSE	CALF	HEAD	7.48
187	FORAGE SORG SEED		LB.	0.30	410	VET MEDICINE	HEAD	DOL.	4.00
190	RYEGRASS SEED		LB.	0.29	414	VET MED (SOWS)		HEAD	2.00

1 = HEAD	6 = BALE	11 = ACIN	15 = DOL.	19 = FEET	23 = CRTN	27 = EACH
2 = BU.	7 = ACRE	12 = LB.	16 = CWT.	20 = APPL	24 = CRAT	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 = LBGN	26 = TREE	30 = MCF
5 = GAL.	10 = AUM					

LISTING OF THE NAME SET AND PRICE VECTOR REGION NUMBER: 15 DATE: 012484

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
415	VET MED (PIGS)	---	HEAD	1.00	---	---	---	---	---
459	GEN FM OVERHEAD	---	DOL.	1.00	---	---	---	---	---
460	UTILITIES	---	HEAD	40.00	---	---	---	---	---
484	HAULING	MILK	CWT.	0.67	---	---	---	---	---
486	SALES COMM	STOC	HEAD	9.55	---	---	---	---	---
489	SUPPLIES	DAIR	HEAD	34.75	---	---	---	---	---
501	INSECT/COAST HL.	---	APPL	3.48	---	---	---	---	---
509	MILOGUARD	---	LB.	3.50	---	---	---	---	---
514	INSECT./SM.GRAIN	---	APPL	4.00	---	---	---	---	---
515	INSECT./SM.GRAIN	---	APPL	6.00	---	---	---	---	---
516	KLEINGRASS SEED	---	LB.	5.50	---	---	---	---	---
517	SEED OATS	---	LB.	0.14	---	---	---	---	---
522	CUSTOM SPRIGGING	---	ACRE	34.00	---	---	---	---	---
523	VET. MEDICINE	STOC	HEAD	5.50	---	---	---	---	---
524	SALT & MINERALS	STOC	CWT.	10.80	---	---	---	---	---
525	VET. MEDICINE	DAIR	DOL.	30.00	---	---	---	---	---
526	MISC. EXPENSE	DAIR	DOL.	15.00	---	---	---	---	---
527	SALES COMMISSION	DAIR	DOL.	8.50	---	---	---	---	---
528	SALES COMMISSION	FEDR	HEAD	1.50	---	---	---	---	---
529	MISC. EXPENSE	FEDR	HEAD	2.00	---	---	---	---	---
530	VET. MEDICINE	HOGS	DOL.	1.00	---	---	---	---	---
531	SALES COMMISSION	HOGS	HEAD	2.50	---	---	---	---	---
532	MISC. EXPENSE	HOGS	HEAD	2.00	---	---	---	---	---
533	CALF STARTER	DAIR	CWT.	13.90	---	---	---	---	---
534	BICEP	---	GAL.	20.80	---	---	---	---	---

1 = HEAD	6 = BALE	11 = ACIN	15 = DOL.	19 = FEET	23 = CRTN	27 = EACH
2 = BU.	7 = ACRE	12 = LB.	16 = CWT.	20 = APPL	24 = CRAT	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 = LBGN	26 = TREE	30 = MCF
5 = GAL.	10 = AUM					

TABLE . DEFAULT PARAMETER VALUES AND DEFINITIONS
 REGION: 15 DATE: 011784

ROW	PARAMETER DEFINITION	DEFAULT VALUE
1.	PRICE PER GALLON OF GASOLINE	1.0500
2.	PRICE PER GALLON OF L.P. GAS	0.5100
3.	PRICE PER GALLON OF DIESEL	1.0000
4.	PRICE PER KILOWATT HOUR OF ELECTRICITY	0.0500
5.	PRICE PER 1000 CU. FT. OF NATURAL GAS	0.0
6.	NOMINAL INTEREST RATE	0.1200
7.	MACHINERY INSUR. RATE (AVERAGE INVESTMENT)	0.0100
8.	MACHINERY TAX RATE (PURCHASE VALUE)	0.0
9.	IRRIGATION SYSTEM NUMBER	1.
10.	HOURLY MACHINERY WAGE RATE	4.50
11.	HOURLY OTHER LABOR WAGE RATE	4.00
12.	HOURLY IRRIG./LIVESTOCK WAGE RATE	3.50
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)	0.2500
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	0.1500
23.	INFLATION RATE	0.0400
24.	LUBRICATION COST MULTIPLE OF EQUIPMENT FUEL COSTS	0.0500

LISTING OF ECONOMIC AND ENGINEERING DATA FOR MACHINERY IN REGION 15

DATE:012484

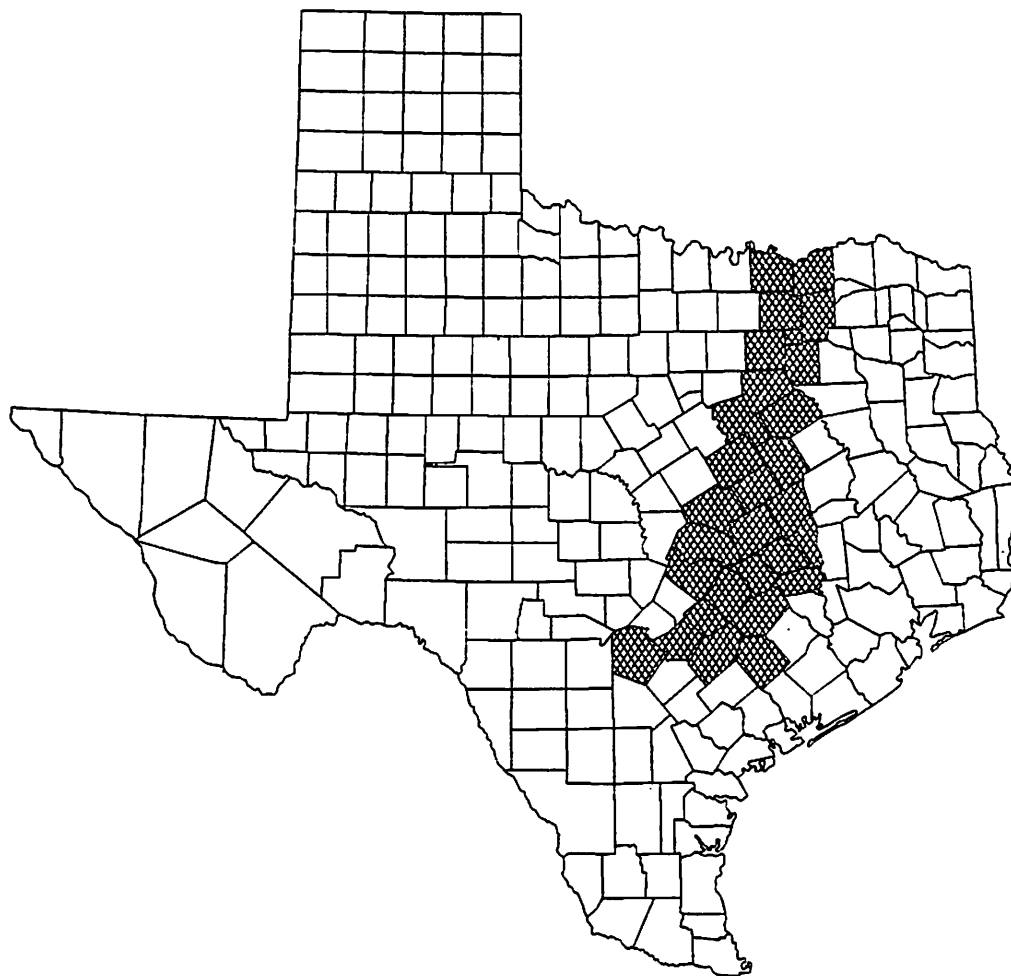
OUT4

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	800.	7.	0.88	0.92	45225.	3.	12000.	150.
TRACTOR	2.	125.0	43775.	4.5	0.88	1.20	0.	1.80	400.	7.	0.88	0.92	39400.	3.	12000.	125.
TRACTOR	3.	100.0	37400.	4.5	0.88	1.20	0.	1.80	350.	7.	0.88	0.92	33680.	3.	12000.	100.
TRACTOR	4.	75.0	24500.	4.5	0.88	1.20	0.	1.80	400.	7.	0.88	0.92	22050.	3.	12000.	75.
TRACTOR	5.	40.0	14425.	4.5	0.88	1.20	0.	1.80	350.	7.	0.88	0.92	12950.	3.	12000.	40.
TRACTOR 4 WH DR	6.	225.0	79875.	4.5	0.88	1.20	0.	1.80	800.	7.	0.88	0.92	71890.	3.	12000.	225.
TRACTOR 3T	7.	100.0	27940.	4.5	0.88	1.20	0.	1.80	350.	7.	0.88	0.92	25150.	3.	12000.	100.
TRACTOR 4T	8.	75.0	18370.	4.5	0.88	1.20	0.	1.80	500.	7.	0.88	0.92	16530.	3.	12000.	75.
PKUP(STILES FM)	12.	1.0	10000.	30.0	0.88	0.88	0.	1.80	900.	5.	0.80	0.88	10000.	1.	4000.	1.
CHISEL	30.	13.0	3500.	4.5	0.80	1.00	0.	1.80	150.	10.	0.80	0.88	3150.	0.	2000.	0.
CHISEL	31.	19.0	4800.	4.5	0.80	1.00	0.	1.80	110.	10.	0.80	0.88	4140.	0.	2000.	0.
SWEEP CULTIVATOR	32.	13.0	5200.	8.0	0.80	1.00	0.	1.80	200.	10.	0.80	0.88	4880.	0.	2000.	0.
CULTIVATOR	33.	19.0	5200.	5.0	0.80	1.00	0.	1.80	85.	10.	0.80	0.88	4880.	0.	2000.	0.
DISK	34.	13.0	5800.	4.5	0.83	0.85	0.	1.80	200.	10.	0.80	0.88	5040.	0.	2000.	0.
DISK	35.	19.0	9500.	4.5	0.83	0.85	0.	1.80	200.	10.	0.80	0.88	8500.	0.	2000.	0.
DRILL	36.	11.0	4900.	4.0	0.72	0.75	0.	1.80	80.	10.	0.80	0.88	4410.	0.	1000.	0.
FERT. APPL.	37.	19.0	3000.	4.5	0.70	1.20	0.	1.80	80.	10.	0.80	0.88	3000.	0.	1200.	0.
HERBICIDE APPL.	38.	13.0	2340.	4.0	0.87	1.20	0.	1.80	100.	10.	0.80	0.88	2125.	0.	1200.	0.
HERBICIDE APPL.	39.	19.0	2810.	4.0	0.87	1.20	0.	1.80	150.	8.	0.80	0.88	2370.	0.	1200.	0.
LISTER/BEDDER	41.	19.0	3800.	4.5	0.80	1.00	0.	1.80	80.	10.	0.80	0.88	3420.	0.	2000.	0.
PLANTER	42.	20.0	12000.	5.0	0.80	0.80	0.	1.80	120.	10.	0.80	0.88	10800.	0.	1200.	0.
PLANTER	43.	19.0	6000.	4.5	0.80	0.80	0.	1.80	100.	10.	0.80	0.88	5400.	0.	1200.	0.
SHREDDER	44.	13.0	5100.	3.7	0.80	0.80	0.	1.80	150.	10.	0.80	0.88	4590.	0.	2000.	0.
ROLLING CULTIV.	47.	20.0	5100.	8.0	0.80	1.00	0.	1.80	200.	10.	0.80	0.88	4200.	0.	2000.	0.
SPRAYER	48.	25.0	2555.	4.0	0.85	1.00	0.	1.80	210.	8.	0.80	0.88	2320.	0.	1200.	0.
ROPE WICK	51.	20.0	500.	8.0	0.80	1.00	0.	1.80	100.	5.	0.80	0.88	400.	0.	500.	0.
FIELD CULTIVATOR	52.	21.5	7040.	8.0	0.80	1.00	0.	1.80	200.	10.	0.80	0.88	6340.	0.	2000.	0.
ROLLER	55.	19.0	1185.	8.0	0.80	0.80	0.	1.80	50.	10.	0.80	0.88	1010.	0.	2000.	0.

TEXAS LIVESTOCK ENTERPRISE BUDGETS

TEXAS BLACKLANDS REGION

Projected for 1984



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

INVESTMENT REQUIREMENTS				PROJECTED		YOUR	
	NUMBER	UNIT	SIZE	\$/UNIT	VALUE	ESTIMATE	
BEEF COW RAISED	1.00	HEAD	1.00	475.00	475.00		
BEEF BULL PUR.	0.04	HEAD	1.00	806.25	32.25		
BEEF HEIFER RAI.	0.13	HEAD	1.00	600.00	75.00		
TOTAL LIVESTOCK INVESTMENT					\$ 582.25	\$	
PRODUCTION				PROJECTED			
	NUMBER	WGT. EACH	TOTAL UNITS	\$/UNIT	RETURN		
STEER CALVES	0.40	4.50	1.8 CWT.	67.50	121.50		
HEIFER CALVES	0.28	4.20	1.2 CWT.	60.75	71.44		
CULL COWS	0.10	9.00	0.9 CWT.	36.50	32.85		
TOTAL PROJECTED RETURNS					\$ 225.79	\$	
OPERATING INPUTS				PROJECTED			
		INPUT USE	UNIT	\$/UNIT	COST		
COASTAL PASTURE		1.15	ACRE	67.00	77.05		
PASTURE, NATIVE		4.60	ACRE	1.50	6.90		
HAY		10.00	CWT.	2.75	27.50		
RANGE CUBES		1.50	CWT.	9.15	13.72		
SALT & MIN.		0.42	CWT.	9.85	4.14		
VET MEDICINE		1.00	DOL.	4.00	4.00		
MISC EXPENSE		1.00	HEAD	7.48	7.48		
MARKETING		0.78	HEAD	8.12	6.33		
EQUIPMENT FUEL AND LUBE					6.17		
EQUIPMENT REPAIR					4.13		
TOTAL OPERATING COST					\$ 157.43	\$	
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 68.36	\$	
CAPITAL INVESTMENT				QUANTITY INVESTED	UNIT	RATE OF RETURN	PROJECTED COST
ANNUAL OPERATING CAPITAL				10.86	DOL.	0.077	0.84
EQUIPMENT INVESTMENT				210.80	DOL.	0.077	16.21
LIVESTOCK INVESTMENT				582.25	DOL.	0.077	44.79
TOTAL CAPITAL COST							\$ 61.84
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 6.52	\$	
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)					PROJECTED COST		
EQUIPMENT					24.88		
LIVESTOCK					13.03		
TOTAL OWNERSHIP COST					\$ 37.91	\$	
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT					\$ -31.39	\$	
OPERATOR LABOR COSTS				LABOR USE	UNIT	RATE OF RETURN	PROJECTED COST
EQUIPMENT				3.22	HOUR	4.00	12.90
LIVESTOCK				4.95	HOUR	4.00	19.80
TOTAL LABOR COST							\$ 32.70
RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT					\$ -64.09	\$	
LAND COSTS				INPUT USE	UNIT	RATE OF RETURN	PROJECTED COST
COASTAL PASTURE				1.15	ACRE	22.15	25.47
PASTURE, NATIVE				4.60	ACRE	6.77	31.14
TOTAL LAND COST							\$ 56.61
RESIDUAL RETURNS TO MANAGEMENT AND PROFIT					\$ -120.70	\$	
TOTAL PROJECTED COST OF PRODUCTION					\$ 346.49	\$	

25 COW, 3 HEIFER, 1 BULL UNIT, YEAR ROUND CALVING, NO CREEP FEED, GRADE GOOD CALVES, RAISED REPLACEMENT EVERY 8 YR., 80% CALF CROP, 2% 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 TEXAS BLACKLANDS 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	TOTAL
AVER. ANNUAL CAPITAL	-3.91	2.72	2.34	3.72	3.48	3.47	3.18	2.86	0.08	-0.98	-1.94	-4.13	10.88
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	0.37	0.37	0.32	0.28	0.28	0.20	0.15	0.15	0.48	0.18	0.18	0.32	3.22
LIVESTOCK LABOR	0.80	0.55	0.50	0.45	0.0	0.45	0.35	0.35	0.35	0.45	0.45	0.45	4.95
TOTAL LABOR	0.97	0.92	0.82	0.71	0.28	0.65	0.50	0.50	0.83	0.63	0.63	0.77	8.17

EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR

EQUIPMENT	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL DWN.	TOTAL OPER.	HOURS LABOR	ALLOC [. %]
FENCE	1	88.00	88.00	11.44	0.0	17.80	0.0	0.0	187.44	17.80	4.00	0.040
LOT FENCE	2	8.40	2.71	0.35	0.0	0.84	0.0	0.0	8.48	0.84	0.07	1.000
PICKUP TRUCK	10	1085.71	518.88	87.43	0.0	291.43	1470.00	73.50	1871.82	1834.83	700.00	0.004
BARN	11	81.80	118.21	15.37	0.0	8.07	0.0	0.0	215.18	8.07	2.00	0.040
POND	27	19.00	19.00	2.47	0.0	5.70	0.0	0.0	40.48	5.70	0.0	0.040
STOCK TRAILER	47	78.00	48.77	8.08	0.0	23.75	0.0	0.0	128.85	23.75	2.00	0.040
MINERAL FEEDER	48	8.40	3.55	0.46	0.0	0.84	0.0	0.0	12.42	0.84	0.50	0.040
BEEF COW RAISED	51	0.0	38.54	4.75	2.37	0.0	0.0	0.0	43.66	0.0	0.0	1.000
BEEF BULL PUR.	54	107.50	62.02	8.08	4.03	0.0	0.0	0.0	181.61	0.0	0.0	0.040
BEEF HEIFER RAI.	55	0.0	48.15	8.00	3.00	0.0	0.0	0.0	55.15	0.0	0.0	0.125

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.
FENCE	1.	1.	MILE	2.	2200.	2200.	25.	0.0	0.20	0.0	4.0	0.0	0.0	0.0	0.0
LOT FENCE	2.	10.	FEET	2.	84.	84.	10.	0.0	0.10	0.0	0.1	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.		2.	12000.	10000.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
BARN	11.	800.	SQFT	2.	2720.	2720.	30.	0.10	0.10	0.0	2.0	0.0	0.0	0.0	0.0
POND	27.	1.	ACRE	2.	475.	475.	25.	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
STOCK TRAILER	47.	1.	DOL.	2.	950.	950.	10.	0.20	0.25	0.0	2.0	0.0	0.0	0.0	0.0
MINERAL FEEDER	48.	2.	FEET	2.	84.	84.	10.	0.0	0.10	0.0	0.5	0.0	0.0	0.0	0.0
BEEF COW RAISED	51.	1.	HEAD	1.	475.	475.	8.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BEEF BULL PUR.	54.	1.	HEAD	1.	1075.	1075.	8.	0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BEEF HEIFER RAI.	55.	1.	HEAD	1.	500.	500.	8.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

STOCKER CALF PRODUCTION TEXAS BLACKLANDS REGION
1984 PROJECTED COSTS AND RETURNS PER CALF

PRODUCTION	NUMBER	WGT. EACH	TOTAL UNITS	UNIT	PROJECTED		YOUR
					\$/UNIT	RETURN	ESTIMATE
FEEDER CALVES	1.00	6.80	6.8	CWT.	60.00	408.00	
TOTAL PROJECTED RETURNS						\$ 408.00	\$
OPERATING INPUTS					PROJECTED		
	INPUT	USE	UNIT		\$/UNIT	COST	
SM. GR. PASTURE	1.00	ACRE	120.00		120.00		
PASTURE, NATIVE	0.50	ACRE	1.50		0.75		
STOCKER CALVES	4.25	CWT.	63.00		267.75		
CONCENTRATES	0.14	CWT.	9.20		1.29		
HAY	0.60	CWT.	2.75		1.65		
VET. MEDICINE	1.00	HEAD	5.50		5.50		
SALES COMM	1.00	HEAD	9.55		9.55		
SALT & MIN.	0.07	CWT.	9.85		0.69		
DEATH LOSS 2%	0.02	DOL.	267.75		5.35		
EQUIPMENT FUEL AND LUBE					3.86		
EQUIPMENT REPAIR					1.00		
TOTAL OPERATING COST						\$ 417.39	\$
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT						\$ -9.39	\$
CAPITAL INVESTMENT					QUANTITY	UNIT	PROJECTED
		INVESTED		RATE OF		RETURN	COST
ANNUAL OPERATING CAPITAL	247.94	DOL.	0.077			19.07	
EQUIPMENT INVESTMENT	33.74	DOL.	0.077			2.60	
TOTAL CAPITAL COST						\$ 21.67	\$
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT						\$ -31.06	\$
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)						PROJECTED	
						COST	
EQUIPMENT						5.19	
TOTAL OWNERSHIP COST						\$ 5.19	\$
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT						\$ -36.25	\$
OPERATOR LABOR COSTS					LABOR	UNIT	PROJECTED
		USE		RATE OF		RETURN	COST
EQUIPMENT	1.79	HOURL	4.00			7.17	
LIVESTOCK	2.00	HOURL	4.00			8.00	
TOTAL LABOR COST						\$ 15.17	\$
RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT						\$ -51.42	\$
LAND COSTS					INPUT	UNIT	PROJECTED
		USE		RATE OF		RETURN	COST
SM. GR. PASTURE	1.00	ACRE	20.00			20.00	
PASTURE, NATIVE	0.25	ACRE	6.77			1.69	
TOTAL LAND COST						\$ 21.69	\$
RESIDUAL RETURNS TO MANAGEMENT AND PROFIT						\$ -73.12	\$
TOTAL PROJECTED COST OF PRODUCTION						\$ 481.11	\$

50 STEER UNIT, 265 POUNDS GAIN/STEER, STOCKING RATE 1.0 HEAD PER ACRE
NATIVE PASTURE WITH FEED IN NOVEMBER, SMALL GRAIN WINTER PASTURE
DECEMBER-MAY, 2% DEATH LOSS.

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THE COSTS AND RETURNS FROM ANY ONE PARTICULAR FARM OR RANCH OPERATION. THESE PROJECTIONS WERE COLLECTED
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**STOCKER CALF PRODUCTION TEXAS BLACKLANDS REGION
1984 PROJECTED COSTS AND RETURNS PER CALF**

	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	35.15	35.24	35.26	35.28	2.59	0.00	0.00	0.01	0.01	34.72	34.61	34.66	247.94
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	0.32	0.21	0.11	0.11	0.27	0.00	0.00	0.00	0.00	0.44	0.11	0.21	1.79
LIVESTOCK LABOR	0.20	0.20	0.20	0.30	0.30	0.0	0.0	0.0	0.0	0.40	0.20	0.20	2.00
TOTAL LABOR	0.52	0.41	0.31	0.41	0.57	0.00	0.00	0.00	0.00	0.84	0.31	0.41	3.79

EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR

EQUIPMENT	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL OWN.	TOTAL OPER.	HOURS LABOR	ALLOE (%)
FENCE	1	88.00	88.00	11.44	0.0	17.80	0.0	0.0	187.44	17.80	4.00	0.010
LOT FENCE	2	8.40	2.71	0.35	0.0	0.84	0.0	0.0	9.45	0.84	0.07	0.550
PICKUP TRUCK	10	1085.71	516.88	87.43	0.0	291.43	1470.00	73.50	1871.82	1834.93	700.00	0.002
HAY BARN	17	111.80	181.88	21.02	0.0	8.20	0.0	0.0	284.28	8.20	1.00	0.020
POND	27	19.00	19.00	2.47	0.0	5.70	0.0	0.0	40.48	5.70	0.0	0.020
STOCK TRAILER	47	75.00	45.77	8.08	0.0	23.75	0.0	0.0	128.85	23.75	2.00	0.020
MINERAL FEEDER	48	8.40	3.55	0.46	0.0	0.84	0.0	0.0	12.42	0.84	0.60	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.
FENCE	1.	1.	MILE	2.	2200.	2200.	25.	0.0	0.20	0.0	4.0	0.0	0.0	0.0	0.0
LOT FENCE	2.	10.	FEET	2.	84.	84.	10.	0.0	0.10	0.0	0.1	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.		2.	12000.	10000.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
HAY BARN	17.	1200.	SOFT	2.	3720.	3720.	30.	0.10	0.05	0.0	1.0	0.0	0.0	0.0	0.0
POND	27.	1.	ACRE	2.	475.	475.	25.	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
STOCK TRAILER	47.	1.	DOL.	2.	950.	950.	10.	0.20	0.25	0.0	2.0	0.0	0.0	0.0	0.0
MINERAL FEEDER	48.	2.	FEET	2.	84.	84.	10.	0.0	0.10	0.0	0.5	0.0	0.0	0.0	0.0

DAIRY PRODUCTION TEXAS BLACKLANDS REGION
1984 PROJECTED COSTS AND RETURNS PER COW
WITHOUT SILAGE

INVESTMENT REQUIREMENTS				PROJECTED		YOUR
	NUMBER	UNIT	SIZE	\$/UNIT	VALUE	ESTIMATE
DAIRY COW RAISED	1.00	HEAD	1.00	1250.00	1250.00	
REPL HFR--YLNG	0.30	HEAD	1.00	1000.00	300.00	
REPL HFR--CALF	0.30	HEAD	1.00	600.00	180.00	
TOTAL LIVESTOCK INVESTMENT					\$ 1730.00	\$
PRODUCTION				PROJECTED		
	NUMBER	WGT. EACH	TOTAL UNITS	\$/UNIT	RETURN	
MILK	135.00	1.00	135.0 CWT.	13.75	1856.25	
DAIRY BULL CALVE	0.47	1.00	0.5 HEAD	30.00	14.10	
CULL HEIFERS	0.08	1.00	0.1 HEAD	280.00	22.40	
CULL COWS	0.27	13.00	3.5 CWT.	36.50	128.11	
TOTAL PROJECTED RETURNS					\$ 2020.86	\$
OPERATING INPUTS				PROJECTED		
	INPUT	USE	UNIT	\$/UNIT	COST	
GRAIN MIX	66.40		CWT.	8.00	531.20	
HAY	111.00		CWT.	2.75	305.25	
PASTURE	6.00		ACRE	12.00	72.00	
VET. MEDICINE	1.00		DOL.	30.00	30.00	
BREEDING	1.00		HEAD	24.50	24.50	
SUPPLIES	1.00		HEAD	34.75	34.75	
MGMT RECORDS	1.00		HEAD	15.50	15.50	
UTILITIES	1.00		HEAD	40.00	40.00	
HAULING	135.00		CWT.	0.67	90.45	
CALF STARTER	1.17		CWT.	13.90	16.26	
MILK REPLACER	17.20		LB.	0.56	9.63	
MISC. EXPENSE	1.00		DOL.	15.00	15.00	
SALES COMMISSION	0.82		DOL.	8.50	6.97	
EQUIPMENT FUEL AND LUBE					7.72	
EQUIPMENT REPAIR					6.52	
TOTAL OPERATING COST					\$ 1205.75	\$
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 815.11	\$
CAPITAL INVESTMENT		QUANTITY	UNIT	RATE OF	PROJECTED	
		INVESTED		RETURN	COST	
ANNUAL OPERATING CAPITAL	-518.92		DOL.	0.077	-39.92	
EQUIPMENT INVESTMENT	849.23		DOL.	0.077	65.33	
LIVESTOCK INVESTMENT	1730.00		DOL.	0.077	133.08	
TOTAL CAPITAL COST					\$ 158.48	\$
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 656.63	\$
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)					PROJECTED	
					COST	
EQUIPMENT					119.55	
LIVESTOCK					25.95	
TOTAL OWNERSHIP COST					\$ 145.50	\$
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT					\$ 511.13	\$
OPERATOR LABOR COSTS		LABOR USE	UNIT	RATE OF	PROJECTED	
				RETURN	COST	
EQUIPMENT	3.50		hour	4.00	14.00	
LIVESTOCK	47.60		hour	4.00	190.40	
TOTAL LABOR COST					\$ 204.40	\$
RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT					\$ 306.73	\$
LAND COSTS		INPUT	USE	UNIT	RATE OF	PROJECTED
					RETURN	COST
LAND CHARGE	1.00			ACRE	10.00	10.00
TOTAL LAND COST						\$ 10.00
RESIDUAL RETURNS TO MANAGEMENT AND PROFIT					\$ 296.73	\$
TOTAL PROJECTED COST OF PRODUCTION					\$ 1724.13	\$

100 COW DAIRY, 13500 LBS. PRODUCTION PER COW, BARN IS DOUBLE 6 HERRINGBONE, FEEDING OUTSIDE MILKING PARLOR, 30% REPLACEMENT, 3% DEATH LOSS ON COWS, 12% DEATH LOSS ON HEIFER CALVES.

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DAIRY PRODUCTION TEXAS BLACKLANDS REGION
1984 PROJECTED COSTS AND RETURNS PER COW
WITHOUT SILAGE

	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)
AVER. ANNUAL CAPITAL	-5.88	-23.28	-29.52	-35.28	-41.04	-47.85	-46.18	-46.28	-53.50	-58.92	-84.23	-87.09	TOTAL
													518.92
													(HOURS)
LABOR REQUIREMENTS													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	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	3.50
LIVESTOCK LABOR	4.30	4.30	4.30	4.30	4.30	4.30	2.30	2.30	4.30	4.30	4.30	4.30	47.80
TOTAL LABOR	4.59	4.59	4.59	4.59	4.59	4.59	2.59	2.59	4.59	4.59	4.59	4.59	51.10

EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR												
EQUIPMENT	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL OWN.	TOTAL OPER.	HOURS LABOR	ALLDC (%)
PICKUP TRUCK	10	1085.71	518.88	87.43	0.0	291.43	1470.00	73.50	1671.82	1834.83	700.00	0.005
MILKING PARLOR	28	980.00	775.38	100.80	0.0	48.00	0.0	0.0	1838.18	48.00	0.0	0.010
MILK ROOM	29	440.00	355.38	48.20	0.0	22.00	0.0	0.0	841.58	22.00	0.0	0.010
MILKING STALLS	30	1126.80	893.41	90.14	0.0	70.42	0.0	0.0	1910.35	70.42	0.0	0.010
MILKERS	31	1992.00	1225.84	159.36	0.0	124.50	0.0	0.0	3377.20	124.50	0.0	0.010
BULK MILK COOLER	32	1054.07	598.88	77.57	0.0	52.50	0.0	0.0	1728.30	52.50	0.0	0.010
MECHANICAL FEEDR	34	650.00	275.00	35.75	0.0	32.50	0.0	0.0	960.75	32.50	0.0	0.010
HOLDING AREA	36	300.00	242.31	31.50	0.0	8.00	0.0	0.0	573.81	8.00	0.0	0.010
ROOF FONG AREA	37	320.00	258.48	33.80	0.0	8.40	0.0	0.0	612.08	8.40	0.0	0.010
CALF BARN	38	200.00	161.54	21.00	0.0	10.00	0.0	0.0	382.54	10.00	0.0	0.010
HAY RACKS	39	275.00	116.35	15.13	0.0	5.50	0.0	0.0	408.47	5.50	0.0	0.010
HAY BARN	40	520.00	420.00	54.80	0.0	10.40	0.0	0.0	994.60	10.40	0.0	0.010
FEED MILL	41	1400.00	592.30	77.00	0.0	70.00	0.0	0.0	2089.30	70.00	0.0	0.010
MANURE SYSTEM	42	940.00	397.89	51.70	0.0	18.80	0.0	0.0	1388.39	18.80	0.0	0.010
WATER SYSTEM	43	385.00	182.88	21.18	0.0	18.25	0.0	0.0	599.08	18.25	0.0	0.010
DAIRY COW RAISED	61	0.0	98.15	12.80	8.25	0.0	0.0	0.0	114.90	0.0	0.0	1.000
REPL HFR--YLNG	85	0.0	78.82	10.00	5.00	0.0	0.0	0.0	91.82	0.0	0.0	0.300
REPL HFR--CALF	86	0.0	48.15	8.00	3.00	0.0	0.0	0.0	58.15	0.0	0.0	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. [%P]	9 REPAIR [%LP]	10 FUEL USE	11 ANNUAL LABOR	12 ANNUAL USE	13 XXXXXX	14 XXXXXX	15 EFF.
PICKUP TRUCK	10.	1.		2.	12000.	10000.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
MILKING PARLOR	28.	980.	SQFT	2.	19200.	19200.	20.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
MILK ROOM	29.	440.	SQFT	2.	8500.	8500.	20.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
MILKING STALLS	30.	1.	DOL.	2.	14085.	14085.	10.	0.20	0.05	0.0	0.0	0.0	0.0	0.0	0.0
MILKERS	31.	1.	DOL.	2.	24900.	24900.	10.	0.20	0.05	0.0	0.0	0.0	0.0	0.0	0.0
BULK MILK COOLER	32.	1500.	GAL.	2.	12500.	12500.	10.	0.18	0.05	0.0	0.0	0.0	0.0	0.0	0.0
MECHANICAL FEEDR	34.	1.	DOL.	2.	6500.	6500.	10.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
HOLDING AREA	36.	1500.	SQFT	2.	8000.	8000.	20.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
ROOF FONG AREA	37.	1600.	SQFT	2.	6400.	6400.	20.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
CALF BARN	38.	500.	SQFT	2.	4000.	4000.	20.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
HAY RACKS	39.	75.	FEET	2.	2750.	2750.	10.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
HAY BARN	40.	2600.	SQFT	2.	10400.	10400.	20.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
FEED MILL	41.	1.	DOL.	2.	14000.	14000.	10.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
MANURE SYSTEM	42.	1.	DOL.	2.	9400.	9400.	10.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
WATER SYSTEM	43.	1.	DOL.	2.	3850.	3850.	10.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
DAIRY COW RAISED	61.	1.	HEAD	1.	1250.	1250.	4.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REPL HFR--YLNG	85.	1.	HEAD	1.	1000.	1000.	5.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REPL HFR--CALF	86.	1.	HEAD	1.	800.	800.	5.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

FEEDER PIG PRODUCTION TEXAS BLACKLANDS 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	190.00	190.00	
BOAR PURCHASED	0.07	HEAD	1.00	393.75	26.38	
TOTAL LIVESTOCK INVESTMENT					\$ 216.38	\$

PRODUCTION				PROJECTED		
	NUMBER	WGT. EACH	TOTAL UNITS	\$/UNIT	RETURN	
FEEDER PIGS	16.00	50.00	800.0 LB.	1.20	960.00	
TOTAL PROJECTED RETURNS					\$ 960.00	\$

OPERATING INPUTS				PROJECTED		
	INPUT	USE	UNIT	\$/UNIT	COST	
SOW FEED GEST.	10.17	CWT.		11.50	116.95	
SOW FEED LACT.	12.32	CWT.		11.90	146.61	
PIG STARTER	8.00	CWT.		13.90	111.20	
BOAR FEED	0.89	CWT.		9.60	8.55	
VET MED (PIGS)	16.00	HEAD		1.00	16.00	
VET MED (SOWS)	1.00	HEAD		2.00	2.00	
SALES COMMISSION	16.00	HEAD		1.50	24.00	
MISC. EXPENSE	16.00	HEAD		2.00	32.00	
TRACTOR FUEL AND LUBE					0.61	
TRACTOR REPAIR COST					0.13	
EQUIPMENT FUEL AND LUBE					9.26	
EQUIPMENT REPAIR					24.37	
TOTAL OPERATING COST					\$ 491.69	\$

RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 468.31	\$

CAPITAL INVESTMENT		QUANTITY	UNIT	RATE OF	PROJECTED	
		INVESTED		RETURN	COST	
ANNUAL OPERATING CAPITAL	-69.11	DOL.		0.077	-5.32	
TRACTOR INVESTMENT	5.45	DOL.		0.077	0.42	
MACHINERY INVESTMENT	2.43	DOL.		0.077	0.19	
EQUIPMENT INVESTMENT	365.44	DOL.		0.077	28.11	
LIVESTOCK INVESTMENT	216.38	DOL.		0.077	16.64	
TOTAL CAPITAL COST					\$ 40.05	\$

RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 428.26	\$

OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)				PROJECTED		
					COST	
TRACTOR					0.63	
MACHINERY					0.31	
EQUIPMENT					77.43	
LIVESTOCK					20.78	
TOTAL OWNERSHIP COST					\$ 99.15	\$

RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT					\$ 329.11	\$

OPERATOR LABOR COSTS		LABOR USE	UNIT	RATE OF	PROJECTED	
				RETURN	COST	
MACHINERY	0.15	HOUR		4.50	0.69	
EQUIPMENT	8.73	HOUR		4.00	34.90	
LIVESTOCK	16.88	HOUR		4.00	67.52	
TOTAL LABOR COST					\$ 103.11	\$

RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT					\$ 226.00	\$

LAND COSTS		INPUT	UNIT	RATE OF	PROJECTED	
				RETURN	COST	
LAND CHARGE	0.27	ACRE		15.00	4.05	
TOTAL LAND COST					\$ 4.05	\$

RESIDUAL RETURNS TO MANAGEMENT AND PROFIT					\$ 221.95	\$

TOTAL PROJECTED COST OF PRODUCTION					\$ 738.05	\$

16 SOW UNIT, FALL-SPRING FARROWING, 56 DAY WEANING, 16 PIGS WEANED PER SOW PER YEAR, APPLICABLE TO WELL DRAINED SANDY SOILS.

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.

**FEEDER PIG PRODUCTION TEXAS BLACKLANDS REGION
1984 PROJECTED COSTS AND RETURNS PER SOW**

	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC	TOTAL
AYER. ANNUAL CAPITAL	-16.46	-15.06	-13.61	-7.73	-1.57	-36.69	2.95	4.46	5.99	11.89	16.05	-19.41	-89.11
(DOLLARS)													
LABOR REQUIREMENTS													TOTAL
MACHINERY LABOR	0.0	0.0	0.08	0.0	0.0	0.0	0.0	0.08	0.0	0.0	0.0	0.0	0.15
EQUIPMENT LABOR	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	8.73
LIVESTOCK LABOR	0.94	0.94	0.94	2.34	2.34	0.94	0.94	0.94	2.34	2.34	0.94	0.94	16.66
TOTAL LABOR	1.67	1.67	1.74	3.07	3.07	1.67	1.67	1.74	3.07	3.07	1.67	1.67	25.76

MACHINERY FIXED AND VARIABLE COSTS PER HOUR

MACHINE	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL OWN.	TOTAL OPER.	HR/ ACRE	HOURS
TRACTOR	4	4.58	3.28	0.41	0.0	1.02	4.20	0.63	8.28	5.85	1.00	0.13
SHREDDER	44	2.48	1.62	0.20	0.0	1.22	0.0	0.0	4.27	1.22	0.21	0.12

EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR

EQUIPMENT	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL OWN.	TOTAL OPER.	HOURS LABOR	ALLOC (%)
HOG FENCE	3	11.20	4.74	0.82	0.0	8.72	0.0	0.0	16.55	8.72	0.80	1.000
PICKUP TRUCK	10	1085.71	518.68	67.43	0.0	291.43	1470.00	73.50	1871.82	1834.83	700.00	0.008
FARROWING HOUSE	15	58.00	13.38	1.74	0.0	11.60	0.0	0.0	73.12	11.60	5.00	0.530
SHADE	16	49.60	20.98	2.73	0.0	4.98	0.0	0.0	73.31	4.98	4.00	0.070
WATER PIPE	23	2.50	1.06	0.14	0.0	0.13	0.0	0.0	3.70	0.13	0.10	0.330
WATER WELL	24	117.60	129.72	18.68	0.0	37.20	0.0	0.0	264.39	37.20	1.00	0.070
HOG WATERER	25	2.00	0.46	0.08	0.0	0.20	0.0	0.0	2.52	0.20	0.10	0.070
FEEDING SLAB	44	17.00	7.19	0.94	0.0	3.40	0.0	0.0	25.13	3.40	1.00	0.070
FEED STORAGE	46	73.10	59.87	7.78	0.0	34.40	0.0	0.0	140.75	34.40	3.00	0.070
STOCK TRAILER	47	78.00	46.77	6.08	0.0	23.75	0.0	0.0	128.85	23.75	2.00	0.070
SOW PURCHASED	72	10.00	14.82	1.80	0.95	0.0	0.0	0.0	27.47	0.0	0.0	1.000
BOAR PURCHASED	74	112.50	30.29	3.94	1.97	0.0	0.0	0.0	148.69	0.0	0.0	0.067

SELECTED MACHINERY COMPLEMENT INFORMATION

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 OWNED	10 YEARS OWNED	11 RFV1	12 RFV2	13 PURCH PRICE	14 FUEL TYPE	15 LIFE (HRS)	16 HP
TRACTOR	4	75.0	24500.	4.5	0.88	1.20	0.	1.80	400.	7.	0.88	0.82	22050.	3.	12000.	75.
SHREDDER	44	13.0	5100.	3.7	0.80	0.80	0.	1.80	150.	10.	0.80	0.88	4590.	0.	2000.	0.

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.
HOG FENCE	3	100.	FEET	2.	112.	112.	10.	0.0	0.60	0.0	0.8	0.0	0.0	0.0	0.0
PICKUP TRUCK	10	1.		2.	12000.	10000.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
FARROWING HOUSE	15	64.	SOFT	2.	290.	290.	5.	0.0	0.20	0.0	5.0	0.0	0.0	0.0	0.0
SHADE	16	340.	SOFT	2.	498.	498.	10.	0.0	0.10	0.0	4.0	0.0	0.0	0.0	0.0
WATER PIPE	23	100.	FEET	2.	25.	25.	10.	0.0	0.05	0.0	0.1	0.0	0.0	0.0	0.0
WATER WELL	24	250.	FEET	2.	3100.	3100.	25.	0.05	0.30	0.0	1.0	0.0	0.0	0.0	0.0
HOG WATERER	25	1.	GAL.	2.	10.	10.	5.	0.0	0.10	0.0	0.1	0.0	0.0	0.0	0.0
FEEDING SLAB	44	160.	SOFT	2.	170.	170.	10.	0.0	0.20	0.0	1.0	0.0	0.0	0.0	0.0
FEED STORAGE	46	1.	DDL.	2.	1290.	1290.	15.	0.15	0.40	0.0	3.0	0.0	0.0	0.0	0.0
STOCK TRAILER	47	1.	DDL.	2.	950.	950.	10.	0.20	0.25	0.0	2.0	0.0	0.0	0.0	0.0
SOW PURCHASED	72	1.	HEAD	1.	200.	200.	3.	0.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BOAR PURCHASED	74	1.	HEAD	1.	450.	450.	2.	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0

FINISHING HOGS TEXAS BLACKLANDS REGION
1984 PROJECTED COSTS AND RETURNS PER HOG

PRODUCTION	NUMBER	WGT. EACH	TOTAL UNITS	UNIT	PROJECTED		YOUR ESTIMATE
					\$/UNIT	RETURN	
MARKET HOGS	1.00	2.40	2.4	CWT.	52.00	124.80	
TOTAL PROJECTED RETURNS						\$ 124.80	\$
OPERATING INPUTS					PROJECTED		
		INPUT USE	UNIT		\$/UNIT	COST	
FINISHING RATION		6.65	CWT.		10.55	70.16	
FEEDER PIGS		50.00	LB.		1.20	60.00	
VET. MEDICINE		1.00	DOL.		1.00	1.00	
SALES COMMISSION		1.00	HEAD		2.50	2.50	
MISC. EXPENSE		1.00	HEAD		2.00	2.00	
DEATH LOSS 2%		0.02	DOL.		60.00	1.35	
EQUIPMENT FUEL AND LUBE						0.77	
EQUIPMENT REPAIR						1.27	
TOTAL OPERATING COST						\$ 139.05	\$
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT						\$ -14.25	\$
CAPITAL INVESTMENT					QUANTITY INVESTED	UNIT	PROJECTED COST
ANNUAL OPERATING CAPITAL					10.93	DOL.	0.84
EQUIPMENT INVESTMENT					17.76	DOL.	1.37
TOTAL CAPITAL COST							\$ 2.21
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT						\$ -16.45	\$
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)						PROJECTED COST	
EQUIPMENT						3.28	
TOTAL OWNERSHIP COST						\$ 3.28	\$
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT						\$ -19.73	\$
OPERATOR LABOR COSTS					LABOR USE	UNIT	PROJECTED COST
EQUIPMENT					0.46	HOUR	1.86
LIVESTOCK					0.55	HOUR	2.21
TOTAL LABOR COST							\$ 4.06
RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT						\$ -23.80	\$
LAND COSTS					INPUT USE	UNIT	PROJECTED COST
LAND CHARGE					0.01	ACRE	15.00
TOTAL LAND COST							\$ 0.19
RESIDUAL RETURNS TO MANAGEMENT AND PROFIT						\$ -23.99	\$
TOTAL PROJECTED COST OF PRODUCTION						\$ 148.79	\$

256 FED PER YEAR, 128 FED PER BUNCH, 3.50 POUNDS FEED PER POUND GAIN,
2% DEATH LOSS.

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