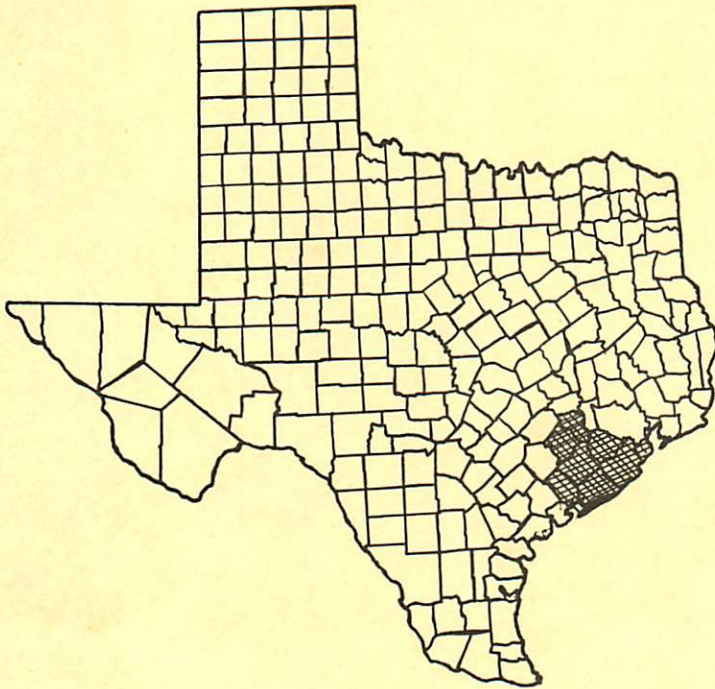


TEXAS MIDDLE COAST

SOIL RESOURCE AREA 22



TEXAS AGRICULTURAL EXTENSION SERVICE . THE TEXAS A&M UNIVERSITY SYSTEM

Zerle L. Carpenter, Director . College Station, Texas

TEXAS ENTERPRISE BUDGETS

TEXAS MIDDLE GULF COAST REGION

Projected for 1983

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COTTON, DRYLAND, TEXAS MIDDLE GULF COAST REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

CATEGORY	PROJECTED		PROJECTED		YOUR ESTIMATE
	YIELD	UNIT	\$/UNIT	VALUE	
1. GROSS RECEIPTS					
COTTON LINT	300.00	LB.	0.50	150.00	
COTTONSEED	0.24	TON	95.00	22.80	
DEFICIENCY PMT.	300.00	LB.	0.21	63.00	
TOTAL PROJECTED RETURNS				\$ 235.80	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*SEED (UPLAND)	35.00	LB.	0.49	17.15	
NITROGEN	54.00	LB.	0.27	14.58	
PHOSPHATE	45.00	LB.	0.23	10.35	
POTASH	13.00	LB.	0.14	1.82	
*BIDRIN	2.00	ACRE	1.30	2.60	
*GUTHION	2.00	ACRE	2.12	4.24	
*TOX-METHYL	2.00	ACRE	5.72	11.44	
*HERB, PREMERGE	1.00	ACRE	7.80	7.80	
*HERB, POSTEMERGE	1.00	ACRE	7.50	7.50	
CUST AIR INSECT	3.00	ACRE	2.20	6.60	
FUEL & LUBE--TRACTOR		ACRE		17.44	
EQUIPMENT		ACRE		4.04	
REPAIRS-----TRACTOR		ACRE		4.64	
EQUIPMENT		ACRE		3.38	
LABOR-----MACHINERY	2.64	HOUR	5.06	13.37	
EQUIPMENT	1.75	HOUR	4.50	7.87	
OPERATING CAPITAL	34.85	DOL.	0.120	4.18	
SUBTOTAL, PREHARVEST		ACRE		\$ 139.01	\$
HARVEST COSTS					
CUST HARV & HAUL	3.00	CWT.	13.00	39.00	
GIN, BAG, ETC	0.60	BALE	50.62	30.37	
SUBTOTAL, HARVEST		ACRE		\$ 69.37	\$
TOTAL VARIABLE COSTS		ACRE		\$ 208.38	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.41/LB.	COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 27.42	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		24.80	
EQUIPMENT		ACRE		10.83	
LAND---NET SHARE-RENT		ACRE		40.10	
TOTAL FIXED COSTS		ACRE		\$ 75.73	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 284.11	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.66/LB.	COTTON LINT	
6. NET PROJECTED RETURNS		ACRE		\$ -48.31	\$

LAND RENT BASED ON LANDLORDS SHARE OF 1/4 GROSS LESS 1/4 OF FERT, INSECT, AND GINNING. PRICE BASED ON LOAN RATE ADJUSTED FOR QUALITY. DEFICIENCY PAYMENT BASED ON COMPLIANCE WITH GOVT SET ASIDE PROGRAM.

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

PROJECTIONS FOR PLANNING PURPOSES ONLY
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B-1241(C22)

COTTON, DRYLAND, TEXAS MIDDLE GULF COAST 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
ROLLING CULT	2,58	SEPT	1.00	0.191	0.145	1.81	0.97	0.0	2.27	5.05
BEDDER	2,59	OCT	1.00	0.340	0.258	3.10	1.72	0.0	3.45	8.26
ROLLING CULT	2,58	NOV	1.00	0.191	0.145	1.81	0.97	0.0	2.27	5.05
BEDDER	2,59	DEC	1.00	0.340	0.258	3.10	1.72	0.0	3.45	8.26
SPRAY RIG	2,45	DEC	1.00	0.226	0.172	2.00	1.15	0.0	2.57	5.71
SPRAYER (HERB)	64	DEC	1.00	0.0	0.143	0.03	0.0	7.80	0.13	7.96
ROLLING CULT	2,58	MAR	1.00	0.191	0.145	1.81	0.97	0.0	2.27	5.05
PLANTER 4R	2,55	MAR	1.00	0.142	0.107	1.43	0.72	0.0	2.03	4.19
CULTIVATOR 6R	2,60	APR	1.00	0.157	0.119	1.46	0.80	0.0	1.81	4.06
SPRAYER (HERB)	64	APR	1.00	0.0	0.143	0.03	0.0	0.0	0.13	0.16
CULTIVATOR 6R	2,60	MAY	1.00	0.157	0.119	1.46	0.80	0.0	1.81	4.06
SPRAYER (HERB)	64	MAY	1.00	0.0	0.143	0.03	0.0	8.15	0.13	8.31
CULTIVATOR 6R	2,60	JUNE	1.00	0.157	0.119	1.46	0.80	0.0	1.81	4.06
SPRAYER (HERB)	64	JUNE	1.00	0.0	0.143	0.03	0.0	2.77	0.13	2.93
SHREDDER 4R	2,91	AUG	1.00	0.208	0.158	1.97	1.05	0.0	2.56	5.59
DISK TANDEM	34	AUG	1.00	0.0	0.146	0.20	0.0	0.0	0.63	0.83
BEDDER	2,59	AUG	1.00	0.340	0.258	3.10	1.72	0.0	3.45	8.26
TOTALS				2.642	2.720	24.83	13.37	18.72	30.85	87.77

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 COTTON LINT (DOLLARS)				
		0.40	0.45	0.50	0.55	0.60
QUANTITY OF COTTON LINT	LB.					
	240.00	-53.69	-44.69	-35.69	-26.69	-17.69
	270.00	-44.43	-34.31	-24.18	-14.06	-3.93
	300.00	-35.18	-23.93	-12.68	-1.43	9.82
	330.00	-25.92	-13.55	-1.17	11.20	23.58
	360.00	-16.66	-3.16	10.34	23.84	37.34

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

COTTON, DRYLAND, TEXAS MIDDLE GULF COAST REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	- PROJECTED		YOUR
			\$/UNIT	VALUE	ESTIMATE
1. GROSS RECEIPTS					
COTTON LINT	400.00	LB.	0.50	200.00	_____
COTTONSEED	0.32	TON	95.00	30.40	_____
DEFICIENCY PMT.	400.00	LB.	0.21	84.00	_____
TOTAL PROJECTED RETURNS				\$ 314.40	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*SEED (UPLAND)	35.00	LB.	0.49	17.15	_____
NITROGEN	54.00	LB.	0.27	14.58	_____
PHOSPHATE	45.00	LB.	0.23	10.35	_____
POTASH	13.00	LB.	0.14	1.82	_____
*BIDRIN	2.00	ACRE	1.30	2.60	_____
*GUTHION	2.00	ACRE	2.12	4.24	_____
*TOX-METHYL	2.00	ACRE	5.72	11.44	_____
*HERB, PREMERGE	1.00	ACRE	7.80	7.80	_____
*HERB, POSTEMERGE	1.00	ACRE	7.50	7.50	_____
CUST AIR INSECT	7.00	ACRE	2.20	15.40	_____
FUEL & LUBE--TRACTOR		ACRE		5.58	_____
EQUIPMENT		ACRE		4.04	_____
REPAIRS-----TRACTOR		ACRE		0.94	_____
EQUIPMENT		ACRE		3.38	_____
LABOR-----MACHINERY	2.64	HOUR	5.06	13.37	_____
EQUIPMENT	1.75	HOUR	4.50	7.87	_____
OPERATING CAPITAL	24.21	DOL.	0.120	2.91	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 130.97	\$ _____
HARVEST COSTS					
CUST HARV & HAUL	4.00	CWT.	13.00	52.00	_____
GIN, BAG, ETC	0.80	BALE	50.62	40.50	_____
SUBTOTAL, HARVEST		ACRE		\$ 92.50	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 223.46	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.27/LB.	COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 90.94	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		15.17	_____
EQUIPMENT		ACRE		10.83	_____
LAND---NET SHARE-RENT		ACRE		53.37	_____
TOTAL FIXED COSTS		ACRE		\$ 79.37	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 302.84	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.47/LB.	COTTON LINT	
6. NET PROJECTED RETURNS		ACRE		\$ 11.56	\$ _____

LAND RENT BASED ON LANDLORDS SHARE OF 1/4 GROSS LESS 1/4 OF FERT, INSECT, AND GINNING. PRICE BASED ON LOAN RATE ADJUSTED FOR QUALITY. DEFICIENCY PAYMENT BASED ON COMPLIANCE WITH GOVT SET ASIDE PROG.

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COTTON, DRYLAND, TEXAS MIDDLE GULF COAST 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
ROLLING CULT BEDDER	5,58	SEPT	1.00	0.191	0.145	0.69	0.97	0.0	1.57	3.23
ROLLING CULT BEDDER	5,59	OCT	1.00	0.340	0.258	1.09	1.72	0.0	2.20	5.02
ROLLING CULT BEDDER	5,58	NOV	1.00	0.191	0.145	0.69	0.97	0.0	1.57	3.23
ROLLING CULT BEDDER	5,59	DEC	1.00	0.340	0.258	1.09	1.72	0.0	2.20	5.02
SPRAY RIG	5,45	DEC	1.00	0.226	0.172	0.67	1.15	0.0	1.74	3.55
SPRAYER (HERB)	64	DEC	1.00	0.0	0.143	0.03	0.0	0.0	0.13	0.16
ROLLING CULT	5,58	MAR	1.00	0.191	0.145	0.69	0.97	0.0	1.57	3.23
PLANTER 4R	5,55	MAR	1.00	0.142	0.107	0.60	0.72	0.0	1.52	2.83
CULTIVATOR 6R	5,60	APR	1.00	0.157	0.119	0.53	0.80	0.0	1.23	2.56
SPRAYER (HERB)	64	APR	1.00	0.0	0.143	0.03	0.0	0.0	0.13	0.16
CULTIVATOR 6R	5,60	MAY	1.00	0.157	0.119	0.53	0.80	0.0	1.23	2.56
SPRAYER (HERB)	64	MAY	1.00	0.0	0.143	0.03	0.0	8.15	0.13	8.31
CULTIVATOR 6R	5,60	JUNE	1.00	0.157	0.119	0.53	0.80	0.0	1.23	2.56
SPRAYER (HERB)	64	JUNE	1.00	0.0	0.143	0.03	0.0	2.77	0.13	2.93
SHREDDER 4R	5,91	AUG	1.00	0.208	0.158	0.75	1.05	0.0	1.80	3.60
DISK TANDEM BEDDER	34	AUG	1.00	0.0	0.146	0.20	0.0	0.0	0.63	0.83
DISK TANDEM BEDDER	5,59	AUG	1.00	0.340	0.258	1.09	1.72	0.0	2.20	5.02
TOTALS				2.642	2.720	9.27	13.37	10.92	21.23	54.78

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 COTTON LINT (DOLLARS)				
		0.40	0.45	0.50	0.55	0.60
QUANTITY OF COTTON LINT	LB.					
	320.00	-17.12	-5.12	6.88	18.88	30.88
	360.00	-4.77	8.73	22.23	35.73	49.23
	400.00	7.57	22.57	37.57	52.57	67.57
	440.00	19.91	36.41	52.91	69.41	85.91
	480.00	32.25	50.25	68.25	86.25	104.25

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

GRAIN SORGHUM, DRYLAND, TEXAS MIDDLE GULF COAST REGION
 1983 PROJECTED COSTS AND RETURNS PER ACRE
 TYPICAL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
GRAIN SORGHUM	30.00	CWT.	4.47	134.10	
DEFICIENCY PMT.	30.00	CWT.	0.36	10.80	
TOTAL PROJECTED RETURNS				\$ 144.90	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*GRAIN SORG. SEED	9.00	LB.	0.72	6.48	
NITROGEN	85.00	LB.	0.27	22.95	
PHOSPHATE	25.00	LB.	0.23	5.75	
WANNATE	0.25	ACRE	13.24	3.31	
HERBICIDE	1.00	ACRE	6.35	6.35	
CUST AIR INSECT.	0.25	ACRE	3.10	0.78	
FUEL & LUBE--TRACTOR		ACRE		12.75	
EQUIPMENT		ACRE		4.20	
REPAIRS-----TRACTOR		ACRE		2.16	
EQUIPMENT		ACRE		3.12	
LABOR-----MACHINERY	3.26	HOUR	5.06	16.51	
EQUIPMENT	1.82	HOUR	4.50	8.19	
OPERATING CAPITAL	24.26	DOL.	0.120	2.91	
SUBTOTAL, PREHARVEST		ACRE		\$ 95.46	\$
HARVEST COSTS					
COMBINE & HAUL	30.00	CWT.	0.75	22.50	
DRYING	30.00	CWT.	0.30	9.00	
SUBTOTAL, HARVEST		ACRE		\$ 31.50	\$
TOTAL VARIABLE COSTS		ACRE		\$ 126.96	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 3.87/CWT.	GRAIN SORGHUM	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 17.94	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		30.98	
EQUIPMENT		ACRE		9.75	
LAND---NET SHARE-RENT		ACRE		34.03	
TOTAL FIXED COSTS		ACRE		\$ 74.76	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 201.72	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 6.36/CWT.	GRAIN SORGHUM	
6. NET PROJECTED RETURNS		ACRE		\$ -56.82	\$

LAND RENT BASED ON LANDLORD'S SHARE OF 33% OF GROSS INCOME LESS 33% OF FERT, INSECT, AND DRYING. PRICE BASED ON LOAN RATE ADJUSTED FOR STORAGE. DEFICIENCY PAYMENT BASED ON COMPLIANCE WITH GOVT SET ASIDE PROGRAM.

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GRAIN SORGHUM, DRYLAND, TEXAS MIDDLE GULF COAST 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
SHREDDER 4R	4,91	SEPT	1.00	0.208	0.158	1.19	1.05	0.0	2.69	4.93
DISK TANDEM	3,35	SEPT	1.00	0.150	0.114	1.28	0.76	0.0	2.31	4.35
BEDDER	4,59	SEPT	1.00	0.340	0.258	1.81	1.72	0.0	3.66	7.19
DISK TANDEM	3,35	NOV	0.25	0.038	0.028	0.32	0.19	0.0	0.58	1.09
BEDDER	4,59	NOV	1.00	0.340	0.258	1.81	1.72	0.0	3.66	7.19
FIELD CULTIVATOR	3,67	DEC	1.00	0.153	0.116	1.08	0.77	0.0	1.68	3.54
BEDDER	4,59	JAN	1.00	0.340	0.258	1.81	1.72	0.0	3.66	7.19
BEDDER	4,59	FEB	1.00	0.340	0.258	1.81	1.72	0.0	3.66	7.19
SPIKE T HARROW	5,33	MAR	1.00	0.183	0.139	0.48	0.93	0.0	1.15	2.56
BED PLANTER	4,43	MAR	0.75	0.290	0.220	1.63	1.47	6.48	3.48	13.06
CULTIPACKER	5,87	MAR	0.75	0.115	0.087	0.30	0.58	0.0	0.75	1.64
CULTIVATOR 4R	4,57	MAR	1.00	0.209	0.159	1.07	1.06	0.0	2.36	4.49
BED PLANTER	4,43	APR	0.25	0.097	0.073	0.54	0.49	0.0	1.16	2.19
CULTIPACKER	5,87	APR	0.25	0.038	0.029	0.10	0.19	0.0	0.25	0.55
CULTIVATOR 4R	4,57	APR	1.00	0.209	0.159	1.07	1.06	0.0	2.36	4.49
CULTIVATOR 4R	4,57	MAY	1.00	0.209	0.159	1.07	1.06	0.0	2.36	4.49
TOTALS				3.262	2.471	17.38	16.51	6.48	35.77	76.13

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 GRAIN SORGHUM
(DOLLARS)

		3.58	4.02	4.47	4.92	5.36
QUANTITY OF GRAIN SORGHUM	CWT.					
	24.00	-44.17	-36.99	-29.80	-22.61	-15.42
	27.00	-39.12	-31.03	-22.94	-14.86	-6.77
	30.00	-34.06	-25.07	-16.09	-7.10	1.88
	33.00	-29.00	-19.12	-9.23	0.65	10.53
	36.00	-23.94	-13.16	-2.38	8.40	19.19

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

GRAIN SORGHUM, DRYLAND, TEXAS MIDDLE GULF COAST REGION
 1983 PROJECTED COSTS AND RETURNS PER ACRE
 HIGH LEVEL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
GRAIN SORGHUM	35.00	CWT.	4.47	156.45	
DEFICIENCY PMT.	35.00	CWT.	0.36	12.60	
TOTAL PROJECTED RETURNS				\$ 169.05	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*GRAIN SORG. SEED	9.00	LB.	0.72	6.48	
NITROGEN	85.00	LB.	0.27	22.95	
PHOSPHATE	25.00	LB.	0.23	5.75	
WANNATE	0.25	ACRE	13.24	3.31	
HERBICIDE	1.00	ACRE	6.35	6.35	
CUST AIR INSECT.	0.25	ACRE	3.10	0.78	
FUEL & LUBE--TRACTOR		ACRE		12.75	
EQUIPMENT		ACRE		4.20	
REPAIRS-----TRACTOR		ACRE		2.16	
EQUIPMENT		ACRE		3.12	
LABOR-----MACHINERY	3.26	HOUR	5.06	16.51	
EQUIPMENT	1.82	HOUR	4.50	8.19	
OPERATING CAPITAL	23.31	DOL.	0.120	2.80	
SUBTOTAL, PREHARVEST		ACRE		\$ 95.34	\$
HARVEST COSTS					
COMBINE & HAUL	35.00	CWT.	0.75	26.25	
DRYING	35.00	CWT.	0.30	10.50	
SUBTOTAL, HARVEST		ACRE		\$ 36.75	\$
TOTAL VARIABLE COSTS		ACRE		\$ 132.09	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 3.41/CWT.	GRAIN SORGHUM	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 36.96	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		30.98	
EQUIPMENT		ACRE		9.75	
LAND---NET SHARE-RENT		ACRE		41.50	
TOTAL FIXED COSTS		ACRE		\$ 82.24	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 214.33	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 5.76/CWT.	GRAIN SORGHUM	
6. NET PROJECTED RETURNS		ACRE		\$ -45.28	\$

LAND RENT BASED ON LANDLORD'S SHARE OF GROSS 33% LESS 33% OF FERT, INSECT, AND DRYING. PRICE BASED ON LOAN RATE ADJUSTED FOR STORAGE. DEFICIENCY PAYMENT BASED ON COMPLIANCE WITH GOVT SET ASIDE PROGRAM.

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

PROJECTIONS FOR PLANNING PURPOSES ONLY
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B-1241(C22)

GRAIN SORGHUM, DRYLAND, TEXAS MIDDLE GULF COAST 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
SHREDDER 4R	4,91	SEPT	1.00	0.208	0.158	1.19	1.05	0.0	2.69	4.93
DISK TANDEM	3,35	SEPT	1.00	0.150	0.114	1.28	0.76	0.0	2.31	4.35
BEDDER	4,59	SEPT	1.00	0.340	0.258	1.81	1.72	0.0	3.66	7.19
DISK TANDEM	3,35	NOV	0.25	0.038	0.028	0.32	0.19	0.0	0.58	1.09
BEDDER	4,59	NOV	1.00	0.340	0.258	1.81	1.72	0.0	3.66	7.19
FIELD CULTIVATOR	3,67	DEC	1.00	0.153	0.116	1.08	0.77	0.0	1.68	3.54
BEDDER	4,59	JAN	1.00	0.340	0.258	1.81	1.72	0.0	3.66	7.19
BEDDER	4,59	FEB	1.00	0.340	0.258	1.81	1.72	0.0	3.66	7.19
SPIKE T HARROW	5,33	MAR	1.00	0.183	0.139	0.48	0.93	0.0	1.15	2.56
BED PLANTER	4,43	MAR	0.75	0.290	0.220	1.63	1.47	6.48	3.48	13.06
CULTIPACKER	5,87	MAR	0.75	0.115	0.087	0.30	0.58	0.0	0.75	1.64
CULTIVATOR 4R	4,57	MAR	1.00	0.209	0.159	1.07	1.06	0.0	2.36	4.49
BED PLANTER	4,43	APR	0.25	0.097	0.073	0.54	0.49	0.0	1.16	2.19
CULTIPACKER	5,87	APR	0.25	0.038	0.029	0.10	0.19	0.0	0.25	0.55
CULTIVATOR 4R	4,57	APR	1.00	0.209	0.159	1.07	1.06	0.0	2.36	4.49
CULTIVATOR 4R	4,57	MAY	1.00	0.209	0.159	1.07	1.06	0.0	2.36	4.49
TOTALS				3.262	2.471	17.38	16.51	6.48	35.77	76.13

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 GRAIN SORGHUM
(DOLLARS)

		3.58	4.02	4.47	4.92	5.36
QUANTITY OF GRAIN SORGHUM	CWT.					
	28.00	-37.31	-28.93	-20.54	-12.16	-3.77
	31.50	-31.41	-21.98	-12.54	-3.11	6.32
	35.00	-25.51	-15.03	-4.55	5.94	16.42
	38.50	-19.61	-8.08	3.45	14.98	26.51
	42.00	-13.71	-1.13	11.45	24.03	36.61

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

RICE, IRRIGATED, TEXAS MIDDLE GULF COAST REGION
 1983 PROJECTED COSTS AND RETURNS PER ACRE
 TYPICAL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR
			\$/UNIT	VALUE	ESTIMATE
1. GROSS RECEIPTS					
1ST CROP	42.57	CWT.	10.00	425.70	
2ND CROP	4.67	CWT.	10.00	46.70	
TOTAL PROJECTED RETURNS				\$ 472.40	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*SEED	1.14	CWT.	25.00	28.50	
*NITROGEN	145.00	LB.	0.27	39.15	
*PHOSPHATE	45.00	LB.	0.23	10.35	
*POTASH	20.00	LB.	0.14	2.80	
INSECTICIDE	1.00	ACRE	5.00	5.00	
*PROPANIL-ORDRAM	2.00	ACRE	22.00	44.00	
*FURADAN	0.33	ACRE	7.56	2.49	
*FUNGICIDE	0.50	ACRE	10.75	5.38	
CUST AIR OTHER	1.50	ACRE	3.00	4.50	
CUST AIR HERB	2.00	ACRE	3.58	7.16	
CUST AIR SEED	1.14	CWT.	2.75	3.13	
CUST AIR FERT	5.80	CWT.	2.58	14.96	
IRRIGATION WATER	43.13	ACIN			
FUEL & LUBE--TRACTOR		ACRE		14.53	
EQUIPMENT		ACRE		3.40	
IRRIGATION		ACRE		61.46	
REPAIRS-----TRACTOR		ACRE		3.38	
EQUIPMENT		ACRE		3.00	
LABOR-----MACHINERY	2.19	HOURL	5.06	11.09	
IRRIGATION	4.31	HOURL	5.06	21.82	
EQUIPMENT	1.47	HOURL	4.50	6.61	
OPERATING CAPITAL	46.31	DOL.	0.120	5.56	
SUBTOTAL, PREHARVEST		ACRE		\$ 298.28	\$
HARVEST COSTS					
CUST HAUL	52.43	CWT.	0.35	18.35	
CUST DRY	52.43	CWT.	0.73	38.27	
SALES COMM	47.24	CWT.	0.07	3.31	
FUEL & LUBE--TRACTOR		ACRE		3.91	
EQUIPMENT		ACRE		5.69	
REPAIRS-----TRACTOR		ACRE		0.61	
EQUIPMENT		ACRE		2.71	
LABOR-----MACHINERY	2.11	HOURL	5.06	10.68	
SUBTOTAL, HARVEST		ACRE		\$ 83.53	\$
TOTAL VARIABLE COSTS		ACRE		\$ 381.81	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 7.87/CWT.	1ST CROP	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 90.59	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		33.61	
EQUIPMENT		ACRE		60.03	
IRRIGATION		ACRE		25.88	
LAND---NET SHARE-RENT		ACRE		97.77	
TOTAL FIXED COSTS		ACRE		\$ 217.29	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 599.11	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 12.98/CWT.	1ST CROP	
6. NET PROJECTED RETURNS		ACRE		\$ -126.71	\$

RENTAL RATES ARE AVERAGE REPORTED FROM USDA COST SURVEY
 SECOND CROP RICE 75% OF ACREAGE. ALLOTMENT CHARGE NOT SPECIFIED.

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B-1241(C22)

RICE, IRRIGATED, TEXAS MIDDLE GULF COAST 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
OFF SET DISK	1,50	NOV	1.00	0.195	0.148	2.33	0.99	0.0	3.86	7.18
DISK TANDEM	2,35	DEC	1.00	0.150	0.114	1.54	0.76	0.0	2.33	4.63
FIELD CULTIVATOR	1,70	DEC	1.00	0.077	0.058	0.79	0.39	0.0	2.05	3.23
LAND PLANE6	1,56	DEC	1.00	0.242	0.183	2.55	1.22	0.0	4.13	7.91
DISK TANDEM	2,35	MAR	0.50	0.075	0.057	0.77	0.38	0.0	1.16	2.31
SPRNG T HARROW	2,31	MAR	0.50	0.092	0.069	0.79	0.46	0.0	0.96	2.22
FIELD CULTIVATOR	1,70	MAR	1.00	0.077	0.058	0.79	0.39	0.0	2.05	3.23
LAND PLANE6	1,56	MAR	0.75	0.181	0.137	1.91	0.92	0.0	3.10	5.93
LEVEE PLOW	2,66	MAR	2.00	0.590	0.447	5.10	2.99	0.0	6.04	14.12
BLADE (DOZER)	4,30	MAR	1.00	0.332	0.252	2.03	1.68	0.0	3.83	7.54
BLADE (DOZER)	4,30	AUG	0.25	0.083	0.063	0.51	0.42	0.0	0.96	1.89
COMBINE - RICE	17	AUG	1.00	0.641	0.513	6.28	3.25	0.0	25.94	35.46
GRAIN CART	4,92	AUG	1.00	0.564	0.428	2.66	2.86	0.0	5.96	11.48
OFF SET DISK	1,50	OCT	0.50	0.098	0.074	1.16	0.49	0.0	1.93	3.59
COMBINE - RICE	17	OCT	0.75	0.481	0.385	4.71	2.43	0.0	19.46	26.60
GRAIN CART	4,92	OCT	0.75	0.423	0.321	2.00	2.14	0.0	4.47	8.61
TOTALS				4.302	3.307	35.92	21.77	0.0	88.23	145.92

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	MAR	3.00	0.300	0.0	4.28	1.52	0.0	1.80	7.59
WATER APPLICATION	APR	4.50	0.450	0.0	6.41	2.28	0.0	2.70	11.39
WATER APPLICATION	MAY	18.00	1.800	0.0	25.65	9.11	0.0	10.80	45.56
WATER APPLICATION	JUNE	12.00	1.200	0.0	17.10	6.07	0.0	7.20	30.37
WATER APPLICATION	JULY	0.75	0.075	0.0	1.07	0.38	0.0	0.45	1.90
WATER APPLICATION	AUG	1.13	0.113	0.0	1.61	0.57	0.0	0.68	2.86
WATER APPLICATION	SEPT	0.75	0.075	0.0	1.07	0.38	0.0	0.45	1.90
WATER APPLICATION	OCT	3.00	0.300	0.0	4.28	1.52	0.0	1.80	7.59
TOTALS		43.13	4.313	0.0	61.46	21.82	0.0	25.88	109.16

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 1ST CROP
(DOLLARS)

CWT.	PRICE OF 1ST CROP (DOLLARS)				
	8.00	9.00	10.00	11.00	12.00
34.06	-92.98	-72.20	-51.43	-30.66	-9.88
38.31	-76.05	-52.68	-29.31	-5.93	17.44
42.57	-59.12	-33.15	-7.18	18.79	44.75
46.83	-42.18	-13.62	14.94	43.51	72.07
51.08	-25.25	5.91	37.07	68.23	99.39

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

RICE, IRRIGATED, TEXAS MIDDLE GULF COAST REGION
 1983 PROJECTED COSTS AND RETURNS PER ACRE
 HIGH LEVEL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
1ST CROP	47.00	CWT.	10.00	470.00	
2ND CROP	9.70	CWT.	10.00	97.00	
TOTAL PROJECTED RETURNS				\$ 567.00	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*SEED	1.14	CWT.	25.00	28.50	
*NITROGEN	145.00	LB.	0.27	39.15	
*PHOSPHATE	45.00	LB.	0.23	10.35	
*POTASH	20.00	LB.	0.14	2.80	
INSECTICIDE	1.00	ACRE	5.00	5.00	
*PROPANIL-ORDRAM	2.00	ACRE	22.00	44.00	
*FUNGICIDE	0.50	ACRE	10.75	5.38	
*FURADAN	0.33	ACRE	7.56	2.49	
CUST AIR OTHER	1.50	ACRE	3.00	4.50	
CUST AIR HERB	2.00	ACRE	3.58	7.16	
CUST AIR SEED	1.14	CWT.	2.75	3.13	
CUST AIR FERT	5.80	CWT.	2.58	14.96	
CUST HAUL	63.15	CWT.	0.35	22.10	
CUST DRY	63.15	CWT.	0.73	46.10	
SALES COMM	56.70	CWT.	0.07	3.97	
IRRIGATION WATER	43.13	ACIN			
FUEL & LUBE--TRACTOR		ACRE		14.53	
EQUIPMENT		ACRE		3.40	
IRRIGATION		ACRE		61.46	
REPAIRS-----TRACTOR		ACRE		3.38	
EQUIPMENT		ACRE		2.93	
LABOR-----MACHINERY	2.19	HOUR	5.06	11.09	
IRRIGATION	4.31	HOUR	5.06	21.82	
EQUIPMENT	1.47	HOUR	4.50	6.61	
OPERATING CAPITAL	-4.49	DOL.	0.120	-0.54	
SUBTOTAL, PREHARVEST		ACRE		\$ 364.29	\$
HARVEST COSTS					
FUEL & LUBE--TRACTOR		ACRE		3.91	
EQUIPMENT		ACRE		5.69	
REPAIRS-----TRACTOR		ACRE		0.61	
EQUIPMENT		ACRE		2.71	
LABOR-----MACHINERY	2.11	HOUR	5.06	10.68	
SUBTOTAL, HARVEST		ACRE		\$ 23.60	\$
TOTAL VARIABLE COSTS		ACRE		\$ 387.89	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 6.19/CWT.	1ST CROP	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 179.11	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		33.61	
EQUIPMENT		ACRE		59.09	
IRRIGATION		ACRE		25.88	
LAND---NET SHARE-RENT		ACRE		89.36	
TOTAL FIXED COSTS		ACRE		\$ 207.95	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 595.84	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 10.61/CWT.	1ST CROP	
6. NET PROJECTED RETURNS		ACRE		\$ -28.84	\$

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RICE, IRRIGATED, TEXAS MIDDLE GULF COAST 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
OFF SET DISK	1,50	NOV	1.00	0.195	0.148	2.33	0.99	0.0	3.86	7.18
DISK TANDEM	2,35	DEC	1.00	0.150	0.114	1.54	0.76	0.0	2.33	4.63
FIELD CULTIVATOR	1,70	DEC	1.00	0.077	0.058	0.79	0.39	0.0	2.05	3.23
LAND PLANE6	1,56	DEC	1.00	0.242	0.183	2.55	1.22	0.0	4.13	7.91
DISK TANDEM	2,35	MAR	0.50	0.075	0.057	0.77	0.38	0.0	1.16	2.31
SPRNG T HARROW	2,31	MAR	0.50	0.092	0.069	0.79	0.46	0.0	0.96	2.22
FIELD CULTIVATOR	1,70	MAR	1.00	0.077	0.058	0.79	0.39	0.0	2.05	3.23
LAND PLANE6	1,56	MAR	0.75	0.181	0.137	1.91	0.92	0.0	3.10	5.93
LEVEE PLOW	2,66	MAR	2.00	0.590	0.447	5.10	2.99	0.0	6.04	14.12
BLADE (DOZER)	4,30	MAR	1.00	0.332	0.252	2.03	1.68	0.0	3.83	7.54
BLADE (DOZER)	4,30	AUG	0.25	0.083	0.063	0.51	0.42	0.0	0.96	1.89
COMBINE - RICE	17	AUG	1.00	0.641	0.513	6.28	3.25	0.0	25.94	35.46
GRAIN CART	4,92	AUG	1.00	0.564	0.428	2.66	2.86	0.0	5.96	11.48
OFF SET DISK	1,50	OCT	0.50	0.098	0.074	1.16	0.49	0.0	1.93	3.59
COMBINE - RICE	17	OCT	0.75	0.481	0.385	4.71	2.43	0.0	19.46	26.60
GRAIN CART	4,92	OCT	0.75	0.423	0.321	2.00	2.14	0.0	4.47	8.61
TOTALS				4.302	3.307	35.92	21.77	0.0	88.23	145.92

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	MAR	3.00	0.300	0.0	4.28	1.52	0.0	1.80	7.59
WATER APPLICATION	APR	4.50	0.450	0.0	6.41	2.28	0.0	2.70	11.39
WATER APPLICATION	MAY	18.00	1.800	0.0	25.65	9.11	0.0	10.80	45.56
WATER APPLICATION	JUNE	12.00	1.200	0.0	17.10	6.07	0.0	7.20	30.37
WATER APPLICATION	JULY	0.75	0.075	0.0	1.07	0.38	0.0	0.45	1.90
WATER APPLICATION	AUG	1.13	0.113	0.0	1.61	0.57	0.0	0.68	2.86
WATER APPLICATION	SEPT	0.75	0.075	0.0	1.07	0.38	0.0	0.45	1.90
WATER APPLICATION	OCT	3.00	0.300	0.0	4.28	1.52	0.0	1.80	7.59
TOTALS		43.13	4.313	0.0	61.46	21.82	0.0	25.88	109.16

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 1ST CROP
(DOLLARS)

	8.00	9.00	10.00	11.00	12.00
CWT.					
37.60	-13.14	9.73	32.59	55.45	78.32
42.30	9.73	35.45	61.17	86.89	112.62
47.00	32.59	61.17	89.75	118.33	146.91
51.70	55.45	86.89	118.33	149.77	181.21
56.40	78.32	112.62	146.91	181.21	215.51

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

SOYBEANS, DRYLAND, TEXAS MIDDLE GULF COAST REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR
			\$/UNIT	VALUE	ESTIMATE
1. GROSS RECEIPTS					
SOYBEANS	21.00	BU.	6.00	126.00	
TOTAL PROJECTED RETURNS				\$ 126.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SOYBEAN SEED	60.00	LB.	0.21	12.60	
N & P & K	0.50	ACRE	21.75	10.88	
INSECTICIDE	1.00	ACRE	7.65	7.65	
HERBICIDE	0.50	ACRE	24.11	12.06	
CUST AIR FUNGIC.	0.60	ACRE	7.10	4.26	
CUST AIR INSECT	2.50	ACRE	3.10	7.75	
FUEL & LUBE--TRACTOR		ACRE		12.89	
EQUIPMENT		ACRE		3.40	
REPAIRS-----TRACTOR		ACRE		2.74	
EQUIPMENT		ACRE		3.57	
LABOR-----MACHINERY	2.74	HOUR	5.06	13.86	
EQUIPMENT	1.47	HOUR	4.50	6.61	
OPERATING CAPITAL	32.32	DOL.	0.120	3.88	
SUBTOTAL, PREHARVEST		ACRE		\$ 102.14	\$
HARVEST COSTS					
DRY & STORAGE	21.00	BU.	0.25	5.25	
HAUL	21.00	BU.	0.21	4.41	
FUEL & LUBE--TRACTOR		ACRE		2.98	
EQUIPMENT		ACRE		1.89	
REPAIRS-----TRACTOR		ACRE		0.73	
EQUIPMENT		ACRE		1.25	
LABOR-----MACHINERY	0.94	HOUR	5.06	4.75	
SUBTOTAL, HARVEST		ACRE		\$ 21.27	\$
TOTAL VARIABLE COSTS		ACRE		\$ 123.41	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 5.88/BU.	SOYBEANS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 2.59	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		31.55	
EQUIPMENT		ACRE		26.36	
LAND---NET SHARE-RENT		ACRE		16.90	
TOTAL FIXED COSTS		ACRE		\$ 74.81	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 198.22	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 9.44/BU.	SOYBEANS	
6. NET PROJECTED RETURNS		ACRE		\$ -72.22	\$

LAND RENT IS 14 PERCENT OF GROSS INCOME
LESS 14 PERCENT OF DRYING AND STORAGE.

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

SOYBEANS, DRYLAND, TEXAS MIDDLE GULF COAST 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
OFF SET DISK	3,50	DEC	2.00	0.390	0.296	3.44	1.98	0.0	6.39	11.80
ROLLING CULT	3,58	DEC	1.00	0.191	0.145	1.47	0.97	0.0	2.25	4.69
ROLLING CULT	3,58	JAN	1.00	0.191	0.145	1.47	0.97	0.0	2.25	4.69
DISK TANDEM	3,34	JAN	1.00	0.193	0.146	1.47	0.98	0.0	2.42	4.87
DISK TANDEM	3,34	FEB	1.00	0.193	0.146	1.47	0.98	0.0	2.42	4.87
ROLLING CULT	3,58	MAY	2.00	0.382	0.289	2.95	1.93	0.0	4.49	9.38
SPIKE T HARROW	4,33	MAY	1.00	0.183	0.139	0.87	0.93	0.0	1.94	3.73
PLANTER 6R	4,52	MAY	1.00	0.189	0.143	1.34	0.96	12.60	3.25	18.15
CULTIPACKER	4,76	MAY	1.00	0.198	0.150	0.98	1.00	0.0	2.23	4.21
CULTIVATOR 4R	4,57	JUNE	2.00	0.419	0.317	2.14	2.12	0.0	4.71	8.97
CULTIVATOR 4R	4,57	JULY	1.00	0.209	0.159	1.07	1.06	0.0	2.36	4.49
COMBINE - SB	18	NOV	1.00	0.374	0.299	3.98	1.89	0.0	13.63	19.50
GRAIN CART	3,92	NOV	1.00	0.564	0.428	3.79	2.86	0.0	5.55	12.19
TOTALS				3.677	2.802	26.44	18.61	12.60	53.89	111.54

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)

		4.80	5.40	6.00	6.60	7.20
QUANTITY OF SOYBEANS	BU.					
	16.80	-51.54	-42.87	-34.20	-25.53	-16.86
	18.90	-43.76	-34.01	-24.26	-14.50	-4.75
	21.00	-35.98	-25.15	-14.31	-3.48	7.36
	23.10	-28.21	-16.29	-4.37	7.55	19.47
	25.20	-20.43	-7.43	5.58	18.58	31.58

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

SOYBEANS, DRYLAND, TEXAS MIDDLE GULF COAST 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	30.00	BU.	6.00	180.00	
TOTAL PROJECTED RETURNS				\$ 180.00	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*SOYBEAN SEED	60.00	LB.	0.21	12.60	
N & P & K	0.50	ACRE	21.75	10.88	
CUST AIR FUNGIC.	1.00	ACRE	7.10	7.10	
HERBICIDE	0.50	ACRE	24.11	12.06	
INSECTICIDE	1.00	ACRE	7.65	7.65	
CUST AIR INSECT	2.50	ACRE	3.10	7.75	
FUEL & LUBE--TRACTOR		ACRE		15.87	
EQUIPMENT		ACRE		5.29	
REPAIRS-----TRACTOR		ACRE		3.47	
EQUIPMENT		ACRE		4.83	
LABOR-----MACHINERY	3.68	HOUR	5.06	18.61	
EQUIPMENT	1.47	HOUR	4.50	6.61	
OPERATING CAPITAL	34.22	DOL.	0.120	4.11	
SUBTOTAL, PREHARVEST		ACRE		\$ 116.82	\$
HARVEST COSTS					
DRY & STORAGE	30.00	BU.	0.25	7.50	
HAUL	30.00	BU.	0.21	6.30	
SUBTOTAL, HARVEST		ACRE		\$ 13.80	\$
TOTAL VARIABLE COSTS		ACRE		\$ 130.62	\$
BREAK-EVEN PRICE, VARIABLE COSTS		\$ 4.35/BU.		SOYBEANS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 49.38	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		31.55	
EQUIPMENT		ACRE		26.36	
LAND---NET SHARE-RENT		ACRE		24.15	
TOTAL FIXED COSTS		ACRE		\$ 82.06	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 212.67	\$
BREAK-EVEN PRICE, TOTAL COSTS		\$ 7.09/BU.		SOYBEANS	
6. NET PROJECTED RETURNS		ACRE		\$ -32.67	\$

LAND RENT BASED ON 14% OF GROSS INCOME
 LESS 14% OF DRYING AND STORAGE
 PREPARED BY DR. AUTHUR GERLOW, TAEX, BRYAN, 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.

PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 02/22/83.

B-1241(C22)

SOYBEANS, DRYLAND, TEXAS MIDDLE GULF COAST 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
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DISK TANDEM	3,34	JAN	1.00	0.193	0.146	1.47	0.98	0.0	2.42	4.87
DISK TANDEM	3,34	FEB	1.00	0.193	0.146	1.47	0.98	0.0	2.42	4.87
ROLLING CULT	3,58	MAY	2.00	0.382	0.289	2.95	1.93	0.0	4.49	9.38
SPIKE T HARROW	4,33	MAY	1.00	0.183	0.139	0.87	0.93	0.0	1.94	3.73
PLANTER 6R	4,52	MAY	1.00	0.189	0.143	1.34	0.96	12.60	3.25	18.15
CULTIPACKER	4,76	MAY	1.00	0.198	0.150	0.98	1.00	0.0	2.23	4.21
CULTIVATOR 4R	4,57	JUNE	2.00	0.419	0.317	2.14	2.12	0.0	4.71	8.97
CULTIVATOR 4R	4,57	JULY	1.00	0.209	0.159	1.07	1.06	0.0	2.36	4.49
COMBINE - SB	18	NOV	1.00	0.374	0.299	3.98	1.89	0.0	13.63	19.50
GRAIN CART	3,92	NOV	1.00	0.564	0.428	3.79	2.86	0.0	5.55	12.19
TOTALS				3.677	2.802	26.44	18.61	12.60	53.89	111.54

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)

		4.80	5.40	6.00	6.60	7.20
QUANTITY OF SOYBEANS	BU.					
	24.00	-27.94	-15.56	-3.18	9.21	21.59
	27.00	-16.83	-2.90	11.03	24.96	38.89
	30.00	-5.73	9.75	25.23	40.71	56.19
	33.00	5.38	22.41	39.44	56.47	73.50
	36.00	16.49	35.07	53.64	72.22	90.80

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

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
71	DEFICIENCY PMT.	SORG	CWT.	0.36	526	HERBICIDE	SB	ACRE	24.11
73	GRAIN SORGHUM	GRSG	CWT.	4.47	527	CUST AIR FUNGIC.	SB	ACRE	7.10
90	DEFICIENCY PMT.	COTT	LB.	0.21	528	CUST AIR INSECT	SB	ACRE	3.10
93	COTTON LINT	COTT	LB.	0.50	529	INSECTICIDE	SB	ACRE	7.65
94	COTTONSEED	COTT	TON	95.00	530	DRY & STORAGE	SB	BU.	0.25
98	SOYBEANS	SOYB	BU.	6.00	531	HAUL	SB	BU.	0.21
186	GRAIN SORG. SEED	_____	LB.	0.72	532	CUST AIR INSECT	RICE	ACRE	3.10
189	SOYBEAN SEED	SOYB	LB.	0.21	533	CUST AIR FUNG	RICE	ACRE	3.25
211	NITROGEN	_____	LB.	0.27	536	CUST AIR FUNG	SOYB	ACRE	3.50
215	PHOSPHATE	_____	LB.	0.23	538	N & P & K	_____	ACRE	21.75
220	POTASH	_____	LB.	0.14	_____	_____	_____	_____	_____
222	CUST AIR FERT	RICE	CWT.	2.65	_____	_____	_____	_____	_____
223	CUST AIR HERB	RICE	ACRE	2.85	_____	_____	_____	_____	_____
224	CUST AIR SEED	RICE	CWT.	3.25	_____	_____	_____	_____	_____
225	CUSTOM HAUL	RICE	CWT.	0.20	_____	_____	_____	_____	_____
226	CUSTOM DRY	RICE	CWT.	0.70	_____	_____	_____	_____	_____
233	INSECTICIDE	SOYB	ACRE	3.87	_____	_____	_____	_____	_____
234	FURADAN	_____	LB.	0.48	_____	_____	_____	_____	_____
241	INSECTICIDE	RICE	ACRE	6.80	_____	_____	_____	_____	_____
247	PROPANIL-ORDRAM	_____	ACRE	16.50	_____	_____	_____	_____	_____
248	HERB, PREMERGE	_____	ACRE	7.80	_____	_____	_____	_____	_____
249	HERB, POSTEMERGE	_____	ACRE	7.50	_____	_____	_____	_____	_____
250	HERBICIDE	SOYB	ACRE	19.12	_____	_____	_____	_____	_____
285	CUSTOM HAUL	SOYB	BU.	0.12	_____	_____	_____	_____	_____
291	SEED (UPLAND)	COTT	LB.	0.49	_____	_____	_____	_____	_____
297	COMBINE & HAUL	SORG	CWT.	0.75	_____	_____	_____	_____	_____
301	BIDRIN	COTT	ACRE	1.30	_____	_____	_____	_____	_____
502	GUTHION	COTT	ACRE	2.12	_____	_____	_____	_____	_____
503	TOX-METHYL	COTT	ACRE	5.72	_____	_____	_____	_____	_____
504	CUST AIR INSECT	COTT	ACRE	2.20	_____	_____	_____	_____	_____
506	CUST HARV & HAUL	COTT	CWT.	13.00	_____	_____	_____	_____	_____
507	GIN, BAG, ETC	COTT	BALE	50.62	_____	_____	_____	_____	_____
508	WANNATE	GS	ACRE	13.24	_____	_____	_____	_____	_____
509	HERBICIDE	GS	ACRE	6.35	_____	_____	_____	_____	_____
510	CUST AIR INSECT.	SORG	ACRE	3.10	_____	_____	_____	_____	_____
511	DRYING	SORG	CWT.	0.30	_____	_____	_____	_____	_____
512	1ST CROP	RICE	CWT.	10.00	_____	_____	_____	_____	_____
513	2ND CROP	RICE	CWT.	10.00	_____	_____	_____	_____	_____
514	SEED	RICE	CWT.	25.00	_____	_____	_____	_____	_____
515	INSECTICIDE	RICE	ACRE	5.00	_____	_____	_____	_____	_____
516	PROPANIL-ORDRAM	RICE	ACRE	22.00	_____	_____	_____	_____	_____
517	FURADAN	RICE	ACRE	7.56	_____	_____	_____	_____	_____
518	FUNGICIDE	RICE	ACRE	10.75	_____	_____	_____	_____	_____
519	CUST AIR OTHER	RICE	ACRE	3.00	_____	_____	_____	_____	_____
520	CUST AIR HERB	RICE	ACRE	3.58	_____	_____	_____	_____	_____
521	CUST AIR SEED	RICE	CWT.	2.75	_____	_____	_____	_____	_____
522	CUST AIR FERT	RICE	CWT.	2.58	_____	_____	_____	_____	_____
523	CUST HAUL	RICE	CWT.	0.35	_____	_____	_____	_____	_____
524	CUST DRY	RICE	CWT.	0.73	_____	_____	_____	_____	_____
525	SALES COMM	RICE	CWT.	0.07	_____	_____	_____	_____	_____

= 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: 22 DATE: 022283

ROW	PARAMETER DEFINITION	DEFAULT VALUE
1.	PRICE PER GALLON OF GASOLINE	1.1000
2.	PRICE PER GALLON OF L.P. GAS	0.3500
3.	PRICE PER GALLON OF DIESEL	1.0300
4.	PRICE PER KILOWATT HOUR OF ELECTRICITY	0.0400
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)	0.0050
9.	IRRIGATION SYSTEM NUMBER	1.
10.	HOURLY MACHINERY WAGE RATE	5.06
11.	HOURLY OTHER LABOR WAGE RATE	4.50
12.	HOURLY IRRIG./LIVESTOCK WAGE RATE	5.06
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)	0.0050
18.	IRRIGATION LABOR MULTIPLIER (HRS/ACIN)	0.1000
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

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	44350.	4.5	0.88	1.20	0.	1.80	500.	7.	0.88	0.92	40100.	3.	12000.	150.
TRACTOR	2.	125.0	39550.	4.5	0.88	1.20	0.	1.80	500.	7.	0.88	0.92	35600.	3.	12000.	125.
TRACTOR	3.	100.0	32600.	4.5	0.88	1.20	0.	1.80	500.	7.	0.88	0.92	29340.	3.	12000.	100.
TRACTOR	4.	75.0	21100.	4.5	0.88	1.20	0.	1.80	300.	7.	0.88	0.92	18990.	3.	12000.	75.
TRACTOR	5.	40.0	12100.	4.5	0.88	1.20	0.	1.80	300.	7.	0.88	0.92	10890.	3.	12000.	40.
TRACTOR 4 WH DR	6.	225.0	68000.	4.5	0.88	1.20	0.	1.80	800.	7.	0.88	0.92	59400.	3.	12000.	225.
TRACTOR (7W)	7.	70.0	18018.	4.5	0.88	1.20	0.	1.70	600.	10.	0.88	0.92	13853.	3.	10000.	70.
TRACTOR (8W)	8.	200.0	68700.	4.5	0.88	1.20	0.	1.70	1000.	8.	0.88	0.92	58500.	3.	10000.	200.
TRUCK	9.	5.0	8898.	2.0	0.82	0.80	0.	1.40	500.	8.	0.87	0.85	8208.	1.	5000.	1.
PICKUP TRUCK	10.	0.5	8500.	30.0	0.88	0.80	0.	1.80	500.	8.	0.87	0.85	8056.	1.	3000.	1.
TRUCK	11.	4.0	8582.	6.2	0.82	0.80	0.	1.40	700.	3.	0.87	0.85	8208.	1.	2800.	30.
PICKUP	12.	0.5	8286.	2.0	0.82	0.80	0.	1.40	350.	5.	0.80	0.88	5639.	1.	2188.	1.
COTTON STRIPR SP	14.	6.6	35000.	2.8	0.87	0.80	0.	1.80	300.	5.	0.60	0.88	30000.	3.	1500.	90.
COMBINE - RICE	17.	18.0	62788.	1.5	0.67	0.33	0.	2.10	225.	8.	0.63	0.89	54380.	3.	3000.	100.
COMBINE - SB	18.	18.0	62788.	2.5	0.89	0.33	0.	2.10	225.	8.	0.63	0.89	54380.	3.	3000.	100.
COMBINE- SORG.	19.	14.0	55680.	3.5	0.80	0.33	0.	2.10	225.	5.	0.63	0.89	48680.	3.	3000.	100.
BENKOUT	20.	16.0	7058.	1.0	0.52	0.65	0.	1.80	400.	10.	0.60	0.88	6000.	3.	5000.	1.
COTTON PICKER	23.	0.0	54590.	3.0	0.83	0.20	0.	1.80	250.	5.	0.68	0.92	46400.	3.	2000.	105.
BLADE (DOZER)	30.	8.0	2694.	5.0	0.82	2.00	0.	1.30	200.	10.	0.60	0.88	2268.	0.	2500.	0.
SPRNG T HARROW	31.	16.0	1133.	5.3	0.70	0.85	0.	1.80	125.	10.	0.60	0.88	1020.	0.	1583.	0.
SPRING T HARROW	32.	32.0	2539.	5.3	0.70	0.85	0.	1.80	50.	10.	0.60	0.88	2268.	0.	825.	0.
SPIKE T HARROW	33.	16.0	636.	5.3	0.70	0.85	0.	1.80	140.	10.	0.60	0.88	575.	0.	1750.	0.
DISK TANDEM	34.	14.0	4078.	4.8	0.84	0.85	0.	1.80	160.	8.	0.60	0.88	3570.	0.	1600.	0.
DISK TANDEM	35.	18.0	7498.	4.8	0.84	0.85	0.	1.80	160.	8.	0.60	0.88	6706.	0.	1600.	0.
DISK TANDEM	36.	22.0	8729.	4.8	0.84	0.85	0.	1.80	200.	8.	0.60	0.88	7595.	0.	1500.	0.
DISK TANDEM	37.	27.0	11533.	4.8	0.84	0.85	0.	1.80	160.	8.	0.60	0.88	9825.	0.	1800.	0.
ENDGATE SEEDER	38.	50.0	1333.	4.0	0.82	0.65	0.	1.80	60.	18.	0.60	0.88	1333.	0.	1200.	0.
M.B. PLOW	39.	8.0	6000.	4.1	0.80	2.00	0.	1.30	300.	6.	0.80	0.88	5400.	0.	2250.	0.
LISTER	40.	8.7	378.	4.8	0.81	0.65	0.	1.30	125.	8.	0.80	0.88	378.	0.	1250.	0.
ROLL CULTIVATOR	41.	13.3	1512.	4.8	0.81	0.65	0.	1.30	125.	8.	0.80	0.88	1512.	0.	1250.	0.
ROLL CULTIVATOR	42.	10.0	4017.	3.0	0.67	0.85	0.	1.30	300.	5.	0.58	0.88	3690.	0.	1875.	0.
BED PLANTER	43.	14.0	3240.	3.0	0.67	0.85	0.	1.30	300.	5.	0.58	0.88	3240.	0.	1875.	0.
BED PLANTER	44.	13.8	1404.	4.0	0.72	0.85	0.	1.00	120.	10.	0.60	0.88	1404.	0.	1500.	0.
SPRAY RIG	45.	16.7	1728.	4.0	0.72	0.85	0.	1.80	120.	10.	0.60	0.88	1728.	0.	1500.	0.
SPRAY RIG	46.	8.6	3888.	3.0	0.63	0.50	0.	1.60	300.	5.	0.58	0.88	3888.	0.	1875.	0.
BORDER DISC	47.	8.6	8981.	3.0	0.63	0.50	0.	1.60	300.	5.	0.58	0.88	8283.	0.	1875.	0.
ROTARY HOE	48.	18.0	1200.	4.8	0.82	0.85	0.	1.80	100.	10.	0.60	0.88	1200.	0.	1250.	0.
CHISEL	49.	13.0	3888.	4.1	0.80	0.65	0.	1.80	150.	10.	0.60	0.88	3484.	0.	1875.	0.
OFF SET DISK	50.	14.0	8830.	4.8	0.83	0.65	0.	1.80	160.	8.	0.60	0.88	7767.	0.	1600.	0.

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
DRILL	51.	14.0	1770.	4.0	0.72	0.85	0.	1.80	80.	12.	0.60	0.88	1770.	0.	1200.	0.
PLANTER 8R	52.	18.0	4700.	4.0	0.80	0.80	0.	1.80	80.	10.	0.60	0.88	4286.	0.	1000.	0.
GRAIN DRILL	53.	20.0	4292.	4.5	0.78	1.00	0.	1.30	200.	8.	0.60	0.88	3755.	0.	2000.	0.
FLOAT	54.	12.0	580.	4.5	0.70	0.85	0.	1.80	100.	10.	0.60	0.88	580.	0.	1250.	0.
PLANTER 4R	55.	24.0	3310.	4.0	0.80	0.80	0.	1.80	80.	10.	0.60	0.88	2958.	0.	1000.	0.
LAND PLANES	56.	12.0	8208.	5.0	0.75	0.85	0.	1.80	200.	18.	0.60	0.88	7800.	0.	4000.	0.
CULTIVATOR 4R	57.	18.0	2083.	3.8	0.78	1.00	0.	1.80	200.	10.	0.60	0.88	1842.	0.	2500.	0.
ROLLING CULT	58.	20.0	4017.	3.8	0.78	1.00	0.	1.30	200.	10.	0.60	0.88	3890.	0.	2500.	0.
BEDDER	59.	10.0	1300.	4.0	0.80	2.00	0.	1.30	200.	10.	0.60	0.88	1100.	0.	2500.	0.
CULTIVATOR 8R	60.	24.0	3578.	3.8	0.78	1.00	0.	1.80	200.	10.	0.60	0.88	3142.	0.	2500.	0.
HERB SPR/DISC	61.	14.0	550.	4.5	0.83	0.85	0.	1.80	100.	7.	0.60	0.88	550.	0.	2000.	0.
COTTON TR 3BL	62.	6.6	750.	10.0	0.82	1.00	0.	1.80	150.	7.	0.60	0.88	750.	0.	2000.	0.
COTTON TR 5BL	63.	6.6	1100.	10.0	0.82	1.00	0.	1.80	150.	7.	0.60	0.88	1100.	0.	2000.	0.
SPRAYER (HERB)	64.	24.0	600.	4.0	0.80	0.85	0.	1.80	100.	10.	0.60	0.88	500.	0.	1250.	0.
SPRAYER (INSECT)	65.	24.0	350.	3.8	0.78	0.85	0.	1.80	100.	10.	0.60	0.88	350.	0.	1250.	0.
LEEVE PLOW	66.	10.0	1839.	4.5	0.82	0.65	0.	1.80	270.	8.	0.60	0.88	1532.	0.	2700.	0.
FIELD CULTIVATOR	67.	18.0	3130.	4.8	0.82	0.85	0.	1.80	200.	10.	0.60	0.88	2548.	0.	2500.	0.
FIELD CULTIVATOR	68.	22.0	5692.	4.8	0.82	0.85	0.	1.80	200.	10.	0.60	0.88	5016.	0.	2500.	0.
FIELD CULTIVATOR	69.	27.0	7200.	4.8	0.82	0.85	0.	1.80	200.	10.	0.60	0.88	6500.	0.	2500.	0.
FIELD CULTIVATOR	70.	36.0	9847.	4.8	0.82	0.85	0.	1.80	100.	8.	0.60	0.88	8582.	0.	2500.	0.
CULTIPACKER	76.	14.0	1830.	4.8	0.82	0.65	0.	1.80	140.	12.	0.60	0.88	1435.	0.	2100.	0.
DRILL	78.	24.0	3556.	4.0	0.72	0.65	0.	1.80	80.	12.	0.60	0.88	3556.	0.	1200.	0.
DRILL	80.	54.0	14150.	4.0	0.72	0.65	0.	1.80	100.	8.	0.60	0.88	11752.	0.	750.	0.
FERT APPL	88.	20.0	800.	8.0	0.80	1.00	0.	1.00	100.	10.	0.60	0.88	800.	0.	1250.	0.
CULTIPACKER	87.	18.0	888.	4.8	0.82	0.85	0.	1.80	140.	12.	0.60	0.88	888.	0.	2100.	0.
SHREDDER 2R	90.	6.7	1659.	4.8	0.82	0.65	0.	1.80	200.	8.	0.60	0.88	1432.	0.	1500.	0.
SHREDDER 4R	91.	13.3	4078.	4.8	0.82	0.65	0.	1.80	200.	8.	0.60	0.88	3598.	0.	1500.	0.
GRAIN CART	92.	16.0	1320.	1.8	0.67	0.85	0.	1.80	325.	10.	0.60	0.88	1320.	0.	4063.	0.
GRAIN CART	93.	16.0	5389.	1.8	0.67	0.85	0.	1.80	240.	20.	0.60	0.88	4718.	0.	8000.	0.
IMP. CARRIER	94.	5.0	4430.	2.0	0.82	2.00	0.	1.30	20.	15.	0.60	0.88	3977.	0.	375.	0.
RICE CHECKER	95.	200.0	8880.	1.0	0.82	0.85	0.	1.80	100.	15.	0.60	0.88	8660.	0.	1875.	0.
SHOP EQUIPMENT C	98.	5.0	7887.	2.0	0.82	2.00	0.	1.30	500.	8.	0.60	0.88	8900.	0.	5000.	0.
LEEVE BOX T-A	99.	5.0	18.	2.0	0.82	0.85	0.	1.80	1.	8.	0.60	0.88	18.	0.	8.	0.
LEEVE BOX C	100.	5.0	24.	2.0	0.82	0.85	0.	1.80	1.	5.	0.60	0.88	22.	0.	5.	0.

TEXAS ENTERPRISE BUDGETS

TEXAS MIDDLE GULF COAST REGION

Projected for 1983

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

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COW-CALF PRODUCTION
TEXAS UPPER GULF COAST REGION
1983 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	
SEED	0.10	9.00	0.9 CWT.	0.70	0.63	
TOTAL PROJECTED RETURNS					\$ 193.57	\$

OPERATING INPUTS				PROJECTED		
	INPUT	USE	UNIT	\$/UNIT	COST	
COASTAL PASTURE		1.15	ACRE	45.00	51.75	
PASTURE, NATIVE		4.60	ACRE	1.50	6.90	
HAY		10.00	CWT.	3.00	30.00	
RANGE CUBES		1.50	CWT.	9.00	13.50	
SALT & MIN.		0.42	CWT.	19.70	8.27	
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					7.06	
EQUIPMENT REPAIR					3.97	
TOTAL OPERATING COST					\$ 139.27	\$

RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT	\$ 54.31	\$
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CAPITAL INVESTMENT				PROJECTED	
	QUANTITY	UNIT	RATE OF	PROJECTED	
	INVESTED		RETURN	COST	
ANNUAL OPERATING CAPITAL	2.44	DOL.	0.140	0.34	
EQUIPMENT INVESTMENT	209.14	DOL.	0.140	29.28	
LIVESTOCK INVESTMENT	582.25	DOL.	0.140	81.51	
TOTAL CAPITAL COST				\$ 111.14	\$

RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT	\$ -56.83	\$
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OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)				PROJECTED	
				COST	
EQUIPMENT				25.80	
LIVESTOCK				13.03	
TOTAL OWNERSHIP COST				\$ 38.83	\$

RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT	\$ -95.66	\$
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OPERATOR LABOR COSTS				PROJECTED	
	LABOR	USE	UNIT	RATE OF	PROJECTED
				RETURN	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	\$ -128.36	\$
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LAND COSTS				PROJECTED	
	INPUT	USE	UNIT	RATE OF	PROJECTED
				RETURN	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	\$ -184.97	\$
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TOTAL PROJECTED COST OF PRODUCTION	\$ 378.54	\$
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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.

COW-CALF PRODUCTION
TEXAS UPPER GULF COAST REGION
1983 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
AYER. ANNUAL CAPITAL	-3.79	1.24	0.90	2.12	1.87	1.86	1.56	1.28	1.22	0.19	-1.94	-4.08	2.44
(DOLLARS)													
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	0.37	0.37	0.32	0.28	0.25	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	0.25	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 OWN.	TOTAL OPER.	HOURS LABOR	ALLOC
FENCE	1	88.00	180.18	11.44	5.72	17.80	0.0	0.0	285.32	17.80	4.00	0.040
LOT FENCE	2	8.40	4.93	0.35	0.18	0.84	0.0	0.0	11.86	0.84	0.07	1.000
PICKUP TRUCK	10	1057.14	888.00	63.29	31.84	252.00	1680.00	84.00	2038.07	2018.00	700.00	0.004
BARN	11	81.80	215.15	15.37	7.88	9.07	0.0	0.0	318.80	9.07	2.00	0.040
POND	27	19.00	34.57	2.47	1.23	5.70	0.0	0.0	57.27	5.70	0.0	0.040
STOCK TRAILER	47	78.00	85.12	8.08	3.04	23.75	0.0	0.0	170.24	23.75	2.00	0.040
MINERAL FEEDER	48	8.40	6.47	0.45	0.23	0.84	0.0	0.0	15.56	0.84	0.50	0.040
BEEF COW RAISED	51	0.0	86.50	4.75	2.37	0.0	0.0	0.0	73.82	0.0	0.0	1.000
BEEF BULL PUR.	54	107.50	112.87	8.08	4.03	0.0	0.0	0.0	232.47	0.0	0.0	0.040
BEEF HEIFER RAI.	55	0.0	84.00	5.00	3.00	0.0	0.0	0.0	93.00	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.	10500.	9500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
BARN	11.	800.	SOFT	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	0.8	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.	800.	800.	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 15

DATE:101882

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
					LIST	PURCH.	LIFE	SALV.	REPAIR	FUEL	ANNUAL	ANNUAL			EFF.
EQUIPMENT NAME	CODE	SIZE	UNIT	TYPE	PRICE	PRICE	(YRS)	(%LP)	(%LP)	USE	LABOR	USE	XXXXXX	XXXXXX	
FENCE	1.	1.	18.	2.	2200.	2200.	25.	0.0	0.20	0.0	4.0	0.0	0.0	0.0	0.0
LOT FENCE	2.	10.	18.	2.	84.	84.	10.	0.0	0.10	0.0	0.1	0.0	0.0	0.0	0.0
HOG FENCE	3.	100.	18.	2.	112.	112.	10.	0.0	0.80	0.0	0.8	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.	0.	2.	10500.	9500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
BARN	11.	800.	21.	2.	2720.	2720.	30.	0.10	0.10	0.0	2.0	0.0	0.0	0.0	0.0
MILK BARN	13.	800.	21.	2.	8891.	8891.	18.	0.10	0.25	0.0	10.0	0.0	0.0	0.0	0.0
FARROWING BARN	14.	12.	1.	2.	2728.	2728.	20.	0.10	0.20	0.0	10.0	0.0	0.0	0.0	0.0
FARROWING HOUSE	15.	84.	21.	2.	290.	290.	5.	0.0	0.10	0.0	4.0	0.0	0.0	0.0	0.0
SHADE	16.	340.	21.	2.	496.	496.	10.	0.0	0.05	0.0	1.0	0.0	0.0	0.0	0.0
HAY BARN	17.	1200.	21.	2.	3720.	3720.	30.	0.0	0.30	0.0	6.0	0.0	0.0	0.0	0.0
TANK	21.	250.	5.	2.	213.	213.	10.	0.0	0.05	0.0	0.1	0.0	0.0	0.0	0.0
WATER PIPE	23.	100.	18.	2.	25.	25.	10.	0.05	0.30	0.0	1.0	0.0	0.0	0.0	0.0
WATER WELL	24.	250.	18.	2.	3100.	3100.	25.	0.0	0.10	0.0	0.1	0.0	0.0	0.0	0.0
HOG WATERER	25.	1.	5.	2.	10.	10.	5.	0.0	0.01	0.0	1.0	0.0	0.0	0.0	0.0
CATTLE WATERER	26.	200.	5.	2.	106.	106.	15.	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
POND	27.	1.	7.	2.	475.	475.	25.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
MILKING PARLOR	28.	980.	21.	2.	19200.	19200.	20.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
MILK ROOM	29.	440.	21.	2.	8800.	8800.	20.	0.20	0.05	0.0	0.0	0.0	0.0	0.0	0.0
MILKING STALLS	30.	1.	15.	2.	14055.	14055.	10.	0.20	0.05	0.0	0.0	0.0	0.0	0.0	0.0
MILKERS	31.	1.	15.	2.	24900.	24900.	10.	0.18	0.05	0.0	0.0	0.0	0.0	0.0	0.0
BULK MILK COOLER	32.	1500.	5.	2.	12500.	12500.	20.	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0
HORIZONTAL SILD	33.	1800.	3.	2.	8500.	8500.	10.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
MECHANICAL FEEDR	34.	1.	15.	2.	8500.	8500.	10.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
SILAGE DIS/WAGON	35.	1.	15.	2.	11000.	11000.	10.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
HOLDING AREA	36.	1500.	21.	2.	8000.	8000.	20.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
ROOF PDNG AREA	37.	1500.	21.	2.	8400.	8400.	20.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
CALF BARN	38.	500.	21.	2.	4000.	4000.	20.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
HAY RACKS	39.	75.	19.	2.	2750.	2750.	10.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
HAY BARN	40.	2800.	21.	2.	10400.	10400.	20.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
FEED MILL	41.	1.	15.	2.	14000.	14000.	10.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
MANURE SYSTEM	42.	1.	15.	2.	9400.	9400.	10.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
WATER SYSTEM	43.	1.	15.	2.	3850.	3850.	10.	0.0	0.20	0.0	1.0	0.0	0.0	0.0	0.0
FEEDING SLAB	44.	180.	21.	2.	170.	170.	10.	0.0	0.25	0.0	2.0	0.0	0.0	0.0	0.0
SELF FEEDER	45.	1.	15.	2.	300.	300.	5.	0.0	0.40	0.0	3.0	0.0	0.0	0.0	0.0
FEED STORAGE	46.	1.	15.	2.	1290.	1290.	15.	0.15	0.25	0.0	2.0	0.0	0.0	0.0	0.0
STOCK TRAILER	47.	1.	15.	2.	950.	950.	10.	0.20	0.10	0.0	0.5	0.0	0.0	0.0	0.0
MINERAL FEEDER	48.	2.	19.	2.	84.	84.	10.	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0

LISTING OF ECONOMIC AND ENGINEERING DATA FOR EQUIPMENT IN REGION 15

DATE:101882

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
					LIST	PURCH.	LIFE	SALV.	REPAIR	FUEL	ANNUAL	ANNUAL			EFF.
EQUIPMENT NAME	CODE	SIZE	UNIT	TYPE	PRICE	PRICE	(YRS)	(%LP)	(%LP)	USE	LABOR	USE	XXXXXX	XXXXXX	
BEEF COW RAISED	51.	1.	1.	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.	1.	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.	1.	1.	800.	800.	8.	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.	4.	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAIRY COW PURCH	62.	1.	1.	1.	1250.	1250.	4.	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAIRY BULL PUR	63.	1.	1.	1.	1500.	1500.	5.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REPL HFR--YLNG	65.	1.	1.	1.	1000.	1000.	5.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REPL HFR--CALF	66.	1.	1.	1.	800.	800.	3.	0.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SOW PURCHASED	72.	1.	1.	1.	200.	200.	2.	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BOAR PURCHASED	74.	1.	1.	1.	450.	450.	10.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FARROWING HOUSE	75.	18.	1.	2.	5350.	5350.	10.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NURSERIES	76.	218.	1.	2.	6250.	6250.	10.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FINISHING HOUSES	77.	172.	1.	2.	2187.	2187.	10.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GESTATION HOUSES	78.	39.	1.	2.	500.	500.	10.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BREEDING FACIL.	79.	45.	1.	2.	23500.	23500.	10.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FEED MILL	80.	1.	3.	2.	5500.	5500.	10.	0.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GILT PURCHASED	81.	1.	1.	1.	245.	245.	2.	0.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BOAR PURCHASED	82.	1.	1.	1.	550.	550.	2.	0.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0