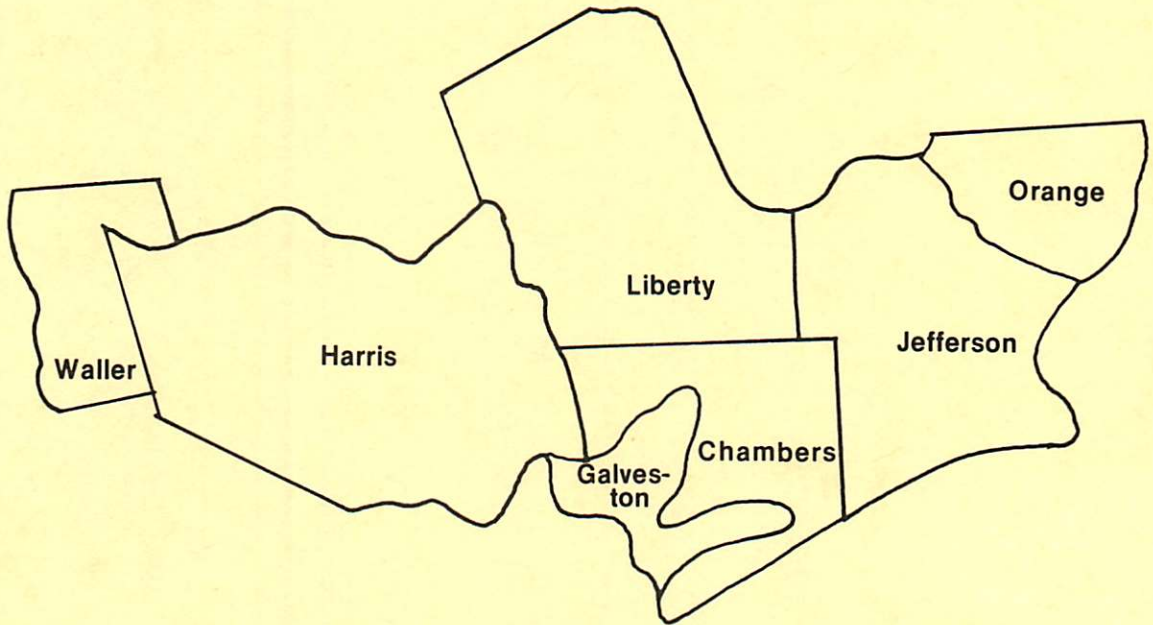
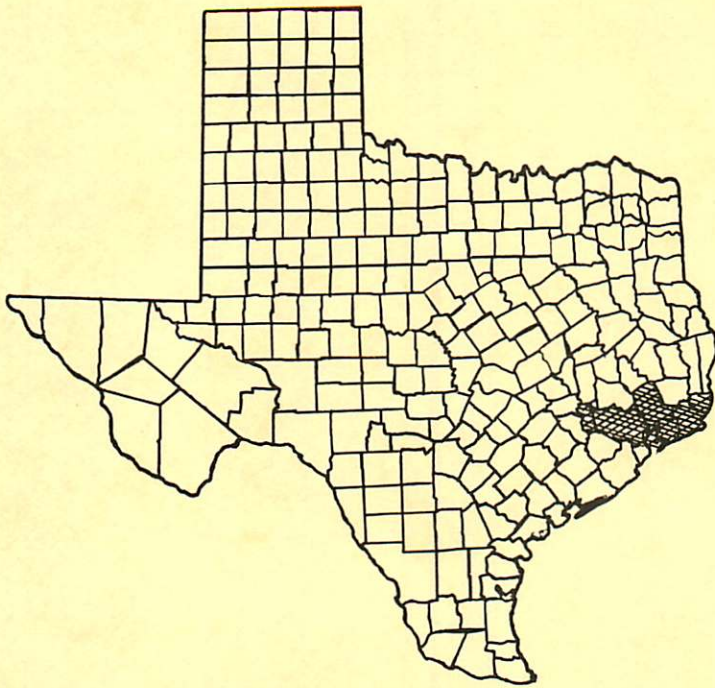


# TEXAS UPPER COAST

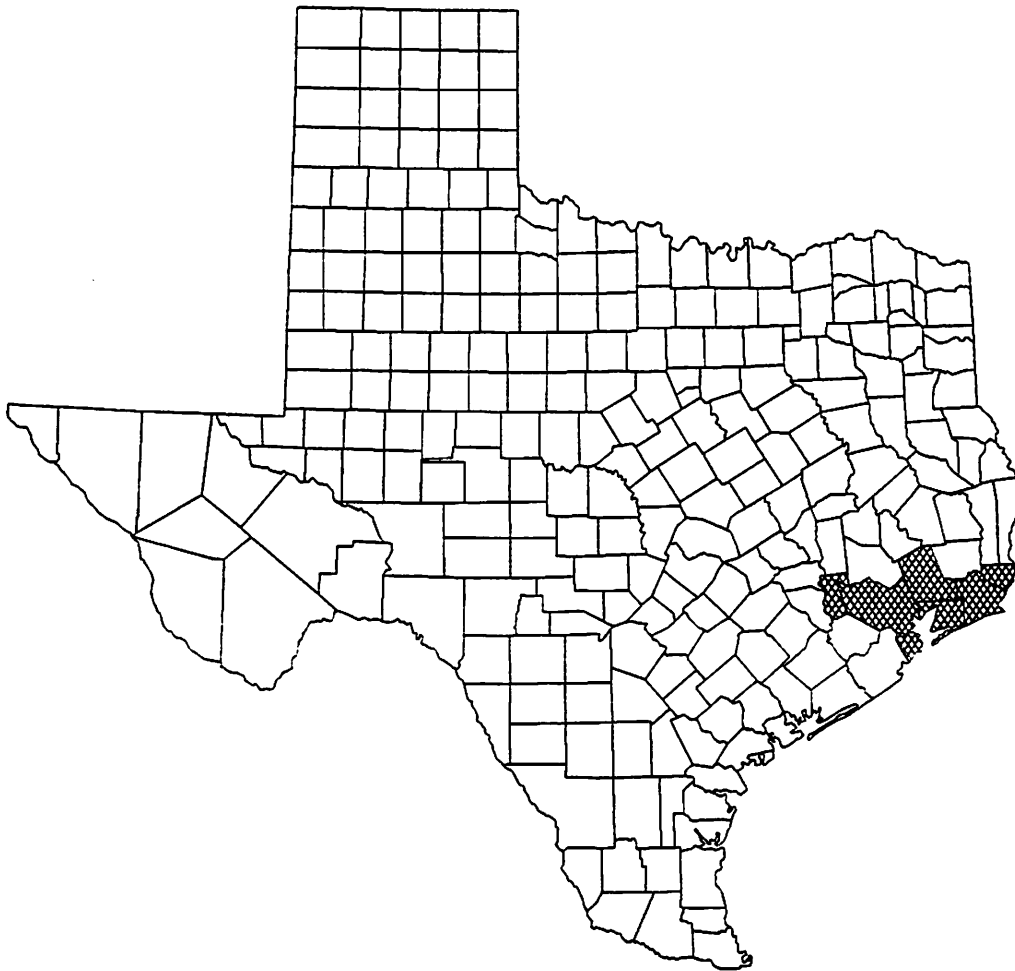
SOIL RESOURCE AREA 21



# TEXAS CROP ENTERPRISE BUDGETS

## TEXAS UPPER GULF COAST

Projected for 1985



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.

Cooperative Extension Work in Agriculture and Home Economics, The Texas A&M University System and the United States Department of Agriculture cooperating. Distributed in furtherance of the Acts of Congress of May 8, 1914, as amended, and June 30, 1914.

150 - 12-84, New

ECO 7-2

1060

**RICE, IRRIGATED, TEXAS UPPER GULF COAST REGION**  
**1985 PROJECTED COSTS AND RETURNS PER ACRE**  
**TYPICAL MANAGEMENT**

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
1ST CROP	42.44	CWT.	10.00	424.40	_____
2ND CROP	1.94	CWT.	10.00	19.40	_____
TOTAL PROJECTED RETURNS				\$ 443.80	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SEED	1.20	CWT.	25.00	30.00	_____
*NITROGEN	126.00	LB.	0.27	34.02	_____
*PHOSPHATE	50.00	LB.	0.23	11.50	_____
*POTASH	30.00	LB.	0.14	4.20	_____
*INSECTICIDE	2.00	ACRE	6.80	13.60	_____
*PROPANIL-ORDRAM	2.00	ACRE	16.50	33.00	_____
*FURADAN	17.00	LB.	0.48	8.16	_____
*FUNGICIDE	1.00	ACRE	10.75	10.75	_____
CUST AIR FERT	5.07	CWT.	2.65	13.44	_____
CUST AIR INSECT	2.00	ACRE	3.10	6.20	_____
CUST AIR HERB	2.00	ACRE	2.85	5.70	_____
CUST AIR SEED	1.20	CWT.	3.25	3.90	_____
CUSTOM HAUL	49.27	CWT.	0.20	9.85	_____
CUSTOM DRY	49.27	CWT.	0.70	34.49	_____
SALES COMM	44.38	CWT.	0.07	3.11	_____
IRRIGATION WATER	43.13	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		12.81	_____
EQUIPMENT		ACRE		3.46	_____
IRRIGATION		ACRE		49.38	_____
REPAIRS-----TRACTOR		ACRE		3.89	_____
EQUIPMENT		ACRE		4.05	_____
LABOR-----MACHINERY	3.12	HOUR	5.06	15.79	_____
IRRIGATION	4.31	HOUR	5.06	21.82	_____
EQUIPMENT	1.47	HOUR	4.50	6.61	_____
OPERATING CAPITAL	37.53	DOL.	0.120	4.50	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 344.25	\$ _____
HARVEST COSTS					
FUEL & LUBE--TRACTOR		ACRE		3.73	_____
EQUIPMENT		ACRE		4.07	_____
REPAIRS-----TRACTOR		ACRE		1.10	_____
EQUIPMENT		ACRE		1.93	_____
LABOR-----MACHINERY	1.51	HOUR	5.06	7.63	_____
SUBTOTAL, HARVEST		ACRE		\$ 18.45	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 362.69	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 8.09/CWT.		1ST CROP
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 81.11	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		32.09	_____
EQUIPMENT		ACRE		46.41	_____
IRRIGATION		ACRE		18.11	_____
LAND---NET SHARE-RENT		ACRE		66.08	_____
TOTAL FIXED COSTS		ACRE		\$ 162.70	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 525.39	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 11.92/CWT.		1ST CROP
6. NET PROJECTED RETURNS		ACRE		\$ -81.59	\$ _____

RENTAL RATES ARE AVERAGE REPORTED FROM USDA COST SURVEY  
 SECOND CROP RICE 25% OF ACREAGE. ALLOTMENT CHARGE NOT SPECIFIED.

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.

1060

RICE, IRRIGATED, TEXAS UPPER GULF COAST REGION  
 1985 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
TRUCK	9	NOV	0.04	0.050	0.040	0.05	0.25	0.0	0.09	0.39
TRUCK	9	DEC	0.10	0.125	0.100	0.11	0.63	0.0	0.24	0.98
SPRNG T HARROW	3,31	JAN	1.00	0.183	0.139	1.31	0.93	0.0	2.18	4.42
TRUCK	9	FEB	0.05	0.062	0.050	0.06	0.32	0.0	0.12	0.49
SPRNG T HARROW	3,31	FEB	1.00	0.183	0.139	1.31	0.93	0.0	2.18	4.42
FIELD CULTIVATOR	2,68	FEB	0.50	0.063	0.048	0.61	0.32	0.0	0.90	1.82
TRUCK	9	MAR	0.10	0.125	0.100	0.11	0.63	0.0	0.24	0.98
FIELD CULTIVATOR	2,68	MAR	0.50	0.063	0.048	0.61	0.32	0.0	0.90	1.82
LEVEE PLOW	2,66	MAR	2.00	0.590	0.447	5.31	2.99	0.0	6.98	15.28
BLADE (DOZER)	3,30	MAR	1.00	0.332	0.252	2.78	1.68	0.0	4.09	8.55
TRUCK	9	JULY	0.15	0.187	0.150	0.17	0.95	0.0	0.35	1.47
OFF SET DISK	3,50	JULY	2.00	0.390	0.296	3.54	1.98	0.0	6.92	12.44
BLADE (DOZER)	3,30	JULY	0.11	0.037	0.028	0.31	0.18	0.0	0.45	0.94
COMBINE - RICE	17	JULY	0.50	0.321	0.257	3.14	1.62	0.0	12.66	17.42
GRAIN CART	3,92	JULY	0.50	0.282	0.214	1.97	1.43	0.0	3.21	6.60
TRUCK	9	AUG	0.13	0.162	0.130	0.15	0.82	0.0	0.31	1.28
OFF SET DISK	3,50	AUG	1.00	0.195	0.148	1.77	0.99	0.0	3.46	6.22
BLADE (DOZER)	3,30	AUG	0.01	0.003	0.003	0.03	0.02	0.0	0.04	0.09
COMBINE - RICE	17	AUG	0.50	0.321	0.257	3.14	1.62	0.0	12.66	17.42
GRAIN CART	3,92	AUG	0.50	0.282	0.214	1.97	1.43	0.0	3.21	6.60
OFF SET DISK	3,50	SEPT	1.00	0.195	0.148	1.77	0.99	0.0	3.46	6.22
BLADE (DOZER)	3,30	SEPT	0.03	0.010	0.008	0.08	0.05	0.0	0.12	0.26
TRUCK	9	OCT	0.13	0.162	0.130	0.15	0.82	0.0	0.31	1.28
COMBINE - RICE	17	OCT	0.25	0.160	0.128	1.57	0.81	0.0	6.33	8.71
GRAIN CART	3,92	OCT	0.25	0.141	0.107	0.98	0.71	0.0	1.60	3.30
TOTALS				4.628	3.577	32.97	23.42	0.0	73.01	129.40

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	3.44	1.52	0.0	1.26	6.21
WATER APPLICATION	APR	4.50	0.450	0.0	5.15	2.28	0.0	1.89	9.32
WATER APPLICATION	MAY	18.00	1.800	0.0	20.61	9.11	0.0	7.56	37.28
WATER APPLICATION	JUNE	12.00	1.200	0.0	13.74	6.07	0.0	5.04	24.85
WATER APPLICATION	JULY	0.75	0.075	0.0	0.86	0.38	0.0	0.31	1.55
WATER APPLICATION	AUG	1.13	0.113	0.0	1.29	0.57	0.0	0.47	2.34
WATER APPLICATION	SEPT	0.75	0.075	0.0	0.86	0.38	0.0	0.31	1.55
WATER APPLICATION	OCT	3.00	0.300	0.0	3.44	1.52	0.0	1.26	6.21
TOTALS		43.13	4.313	0.0	49.38	21.82	0.0	18.11	89.32

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

CWT.	PRICE OF 1ST CROP (DOLLARS)				
	8.00	9.00	10.00	11.00	12.00
33.95	-84.76	-62.58	-40.41	-18.24	3.94
38.20	-62.58	-37.64	-12.69	12.25	37.20
42.44	-40.41	-12.69	15.02	42.74	70.46
46.68	-18.24	12.25	42.74	73.23	103.72
50.93	3.94	37.20	70.46	103.72	136.98

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

1061

**RICE, IRRIGATED, TEXAS UPPER GULF COAST REGION**  
**1985 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	3.20	CWT.	10.00	32.00	_____
TOTAL PROJECTED RETURNS				\$ 502.00	\$ _____
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*SEED	1.20	CWT.	25.00	30.00	_____
*NITROGEN	126.00	LB.	0.27	34.02	_____
*PHOSPHATE	50.00	LB.	0.23	11.50	_____
*POTASH	30.00	LB.	0.14	4.20	_____
*INSECTICIDE	2.00	ACRE	6.80	13.60	_____
*FUNGICIDE	1.00	ACRE	10.75	10.75	_____
*PROPANIL-ORDRAM	2.00	ACRE	16.50	33.00	_____
*FURADAN	17.00	LB.	0.48	8.16	_____
CUST AIR FUNG	2.00	ACRE	3.25	6.50	_____
CUST AIR FERT	5.07	CWT.	2.65	13.44	_____
CUST AIR INSECT	2.00	ACRE	3.10	6.20	_____
CUST AIR HERB	2.00	ACRE	3.58	7.16	_____
CUST AIR SEED	1.20	CWT.	3.25	3.90	_____
CUSTOM HAUL	55.91	CWT.	0.20	11.18	_____
CUSTOM DRY	55.91	CWT.	0.70	39.14	_____
SALES COMM	50.20	CWT.	0.07	3.51	_____
IRRIGATION WATER	43.13	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		12.81	_____
EQUIPMENT		ACRE		3.46	_____
IRRIGATION		ACRE		49.38	_____
REPAIRS-----TRACTOR		ACRE		3.89	_____
EQUIPMENT		ACRE		4.05	_____
LABOR-----MACHINERY	3.12	HOUR	5.06	15.79	_____
IRRIGATION	4.31	HOUR	5.06	21.82	_____
EQUIPMENT	1.47	HOUR	4.50	6.61	_____
OPERATING CAPITAL	34.01	DOL.	0.120	4.08	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 358.17	\$ _____
HARVEST COSTS					
FUEL & LUBE--TRACTOR		ACRE		3.73	_____
EQUIPMENT		ACRE		4.07	_____
REPAIRS-----TRACTOR		ACRE		1.10	_____
EQUIPMENT		ACRE		1.93	_____
LABOR-----MACHINERY	1.51	HOUR	5.06	7.63	_____
SUBTOTAL, HARVEST		ACRE		\$ 18.45	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 376.61	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 7.33/CWT.		1ST CROP
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 125.39	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		32.09	_____
EQUIPMENT		ACRE		46.41	_____
IRRIGATION		ACRE		18.11	_____
LAND---NET SHARE-RENT		ACRE		82.27	_____
TOTAL FIXED COSTS		ACRE		\$ 178.89	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 555.50	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 11.14/CWT.		1ST CROP
6. NET PROJECTED RETURNS		ACRE		\$ -53.50	\$ _____

RENTAL RATES ARE AVERAGE REPORTED FROM USDA COST SURVEY  
 SECOND CROP RICE 25% OF ACREAGE. ALLOTMENT CHARGE NOT SPECIFIED.

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.

1061

RICE, IRRIGATED, TEXAS UPPER GULF COAST REGION  
1985 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
TRUCK	9	NOV	0.04	0.050	0.040	0.05	0.25	0.0	0.09	0.39
TRUCK	9	DEC	0.10	0.125	0.100	0.11	0.63	0.0	0.24	0.98
SPRNG T HARROW	3,31	JAN	1.00	0.183	0.139	1.31	0.93	0.0	2.18	4.42
TRUCK	9	FEB	0.05	0.062	0.050	0.06	0.32	0.0	0.12	0.49
SPRNG T HARROW	3,31	FEB	1.00	0.183	0.139	1.31	0.93	0.0	2.18	4.42
FIELD CULTIVATOR	2,68	FEB	0.50	0.063	0.048	0.61	0.32	0.0	0.90	1.82
TRUCK	9	MAR	0.10	0.125	0.100	0.11	0.63	0.0	0.24	0.98
FIELD CULTIVATOR	2,68	MAR	0.50	0.063	0.048	0.61	0.32	0.0	0.90	1.82
LEVEE PLOW	2,66	MAR	2.00	0.590	0.447	5.31	2.99	0.0	6.98	15.28
BLADE (DOZER)	3,30	MAR	1.00	0.332	0.252	2.78	1.68	0.0	4.09	8.55
TRUCK	9	JULY	0.15	0.187	0.150	0.17	0.95	0.0	0.35	1.47
OFF SET DISK	3,50	JULY	2.00	0.390	0.296	3.54	1.98	0.0	6.92	12.44
BLADE (DOZER)	3,30	JULY	0.11	0.037	0.028	0.31	0.18	0.0	0.45	0.94
COMBINE - RICE	17	JULY	0.50	0.321	0.257	3.14	1.62	0.0	12.66	17.42
GRAIN CART	3,92	JULY	0.50	0.282	0.214	1.97	1.43	0.0	3.21	6.60
TRUCK	9	AUG	0.13	0.162	0.130	0.15	0.82	0.0	0.31	1.28
OFF SET DISK	3,50	AUG	1.00	0.195	0.148	1.77	0.99	0.0	3.46	6.22
BLADE (DOZER)	3,30	AUG	0.01	0.003	0.003	0.03	0.02	0.0	0.04	0.09
COMBINE - RICE	17	AUG	0.50	0.321	0.257	3.14	1.62	0.0	12.66	17.42
GRAIN CART	3,92	AUG	0.50	0.282	0.214	1.97	1.43	0.0	3.21	6.60
OFF SET DISK	3,50	SEPT	1.00	0.195	0.148	1.77	0.99	0.0	3.46	6.22
BLADE (DOZER)	3,30	SEPT	0.03	0.010	0.008	0.08	0.05	0.0	0.12	0.26
TRUCK	9	OCT	0.13	0.162	0.130	0.15	0.82	0.0	0.31	1.28
COMBINE - RICE	17	OCT	0.25	0.160	0.128	1.57	0.81	0.0	6.33	8.71
GRAIN CART	3,92	OCT	0.25	0.141	0.107	0.98	0.71	0.0	1.60	3.30
TOTALS				4.628	3.577	32.97	23.42	0.0	73.01	129.40

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	3.44	1.52	0.0	1.26	6.21
WATER APPLICATION	APR	4.50	0.450	0.0	5.15	2.28	0.0	1.89	9.32
WATER APPLICATION	MAY	18.00	1.800	0.0	20.61	9.11	0.0	7.56	37.28
WATER APPLICATION	JUNE	12.00	1.200	0.0	13.74	6.07	0.0	5.04	24.85
WATER APPLICATION	JULY	0.75	0.075	0.0	0.86	0.38	0.0	0.31	1.55
WATER APPLICATION	AUG	1.13	0.113	0.0	1.29	0.57	0.0	0.47	2.34
WATER APPLICATION	SEPT	0.75	0.075	0.0	0.86	0.38	0.0	0.31	1.55
WATER APPLICATION	OCT	3.00	0.300	0.0	3.44	1.52	0.0	1.26	6.21
TOTALS		43.13	4.313	0.0	49.38	21.82	0.0	18.11	89.32

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

CWT.	PRICE OF 1ST CROP (DOLLARS)				
	8.00	9.00	10.00	11.00	12.00
37.60	-67.39	-42.84	-18.28	6.28	30.83
42.30	-42.84	-15.21	12.42	40.04	67.67
47.00	-18.28	12.42	43.11	73.81	104.50
51.70	6.28	40.04	73.81	107.57	141.34
56.40	30.83	67.67	104.50	141.34	178.17

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

1062

**SOYBEANS, DRYLAND, TEXAS UPPER GULF COAST REGION**  
**1985 PROJECTED COSTS AND RETURNS PER ACRE**  
 TYPICAL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
SOYBEANS	24.50	BU.	6.00	147.00	_____
TOTAL PROJECTED RETURNS				\$ 147.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SOYBEAN SEED	65.00	LB.	0.21	13.65	_____
NITROGEN	6.00	LB.	0.27	1.62	_____
PHOSPHATE	29.00	LB.	0.23	6.67	_____
POTASH	34.00	LB.	0.14	4.76	_____
INSECTICIDE	2.00	ACRE	3.87	7.74	_____
HERBICIDE	0.46	ACRE	19.12	8.80	_____
CUST AIR INSECT	2.00	ACRE	3.10	6.20	_____
FUEL & LUBE--TRACTOR		ACRE		20.81	_____
EQUIPMENT		ACRE		3.23	_____
REPAIRS-----TRACTOR		ACRE		6.32	_____
EQUIPMENT		ACRE		4.32	_____
LABOR-----MACHINERY	3.42	HOUR	5.06	17.29	_____
EQUIPMENT	1.40	HOUR	4.50	6.30	_____
OPERATING CAPITAL	29.40	DOL.	0.120	3.53	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 111.22	\$ _____
HARVEST COSTS					
DRY & STORAGE	24.50	BU.	0.25	6.13	_____
CUSTOM HAUL	24.50	BU.	0.12	2.94	_____
FUEL & LUBE--TRACTOR		ACRE		3.73	_____
EQUIPMENT		ACRE		1.92	_____
REPAIRS-----TRACTOR		ACRE		1.19	_____
EQUIPMENT		ACRE		1.75	_____
LABOR-----MACHINERY	1.24	HOUR	5.06	6.26	_____
SUBTOTAL, HARVEST		ACRE		\$ 23.92	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 135.15	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 5.52/BU.	SOYBEANS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 11.85	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		44.34	_____
EQUIPMENT		ACRE		28.51	_____
LAND---NET SHARE-RENT		ACRE		20.58	_____
TOTAL FIXED COSTS		ACRE		\$ 93.44	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 228.58	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 9.33/BU.	SOYBEANS	
6. NET PROJECTED RETURNS		ACRE		\$ -81.58	\$ _____

LAND RENT IS 1/7 OF GROSS INCOME.

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.

1062

SOYBEANS, DRYLAND, TEXAS UPPER GULF COAST REGION  
 1985 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
DISK TANDEM	2,35	JAN	1.00	0.150	0.114	1.60	0.76	0.0	2.55	4.90
DISK TANDEM	2,35	FEB	1.00	0.150	0.114	1.60	0.76	0.0	2.55	4.90
LAND PLANE6	2,56	FEB	1.00	0.242	0.183	2.31	1.22	0.0	3.69	7.23
DISK TANDEM	2,35	APR	1.00	0.150	0.114	1.60	0.76	0.0	2.55	4.90
BEDDER	2,59	APR	1.00	0.340	0.258	3.22	1.72	0.0	3.99	8.93
BEDDER	2,59	MAY	1.00	0.340	0.258	3.22	1.72	0.0	3.99	8.93
BED PLANTER	2,43	MAY	1.00	0.387	0.293	3.78	1.96	13.65	5.01	24.40
BLADE (DOZER)	4,30	MAY	1.00	0.332	0.252	2.07	1.68	0.0	4.40	8.15
ROLL CULTIVATOR	2,41	MAY	1.00	0.211	0.160	1.95	1.07	0.0	2.69	5.70
ROLL CULTIVATOR	2,41	JUNE	2.00	0.421	0.319	3.91	2.13	0.0	5.37	11.41
ROLL CULTIVATOR	2,41	JULY	1.00	0.211	0.160	1.95	1.07	0.0	2.69	5.70
BLADE (DOZER)	4,30	AUG	1.00	0.332	0.252	2.07	1.68	0.0	4.40	8.15
COMBINE - SB	18	OCT	0.50	0.187	0.149	1.99	0.95	0.0	6.64	9.57
GRAIN CART	2,92	OCT	0.50	0.282	0.214	2.50	1.43	0.0	3.26	7.18
TRUCK. ÷ ÷	11	OCT	0.12	0.150	0.120	0.27	0.76	0.0	0.79	1.81
DISK TANDEM	2,35	NOV	1.00	0.150	0.114	1.60	0.76	0.0	2.55	4.90
COMBINE - SB	18	NOV	0.50	0.187	0.149	1.99	0.95	0.0	6.64	9.57
GRAIN CART	2,92	NOV	0.50	0.282	0.214	2.50	1.43	0.0	3.26	7.18
TRUCK. ÷ ÷	11	NOV	0.12	0.150	0.120	0.27	0.76	0.0	0.79	1.81
<b>TOTALS</b>				<b>4.654</b>	<b>3.555</b>	<b>40.38</b>	<b>23.55</b>	<b>13.65</b>	<b>67.77</b>	<b>145.35</b>

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

QUANTITY OF SOYBEANS	PRICE OF SOYBEANS (DOLLARS)				
	4.80	5.40	6.00	6.60	7.20
19.60	-52.42	-42.31	-32.20	-22.08	-11.97
22.05	-43.22	-31.84	-20.46	-9.08	2.29
24.50	-34.01	-21.37	-8.73	3.92	16.56
26.95	-24.80	-10.90	3.01	16.92	30.82
29.40	-15.60	-0.42	14.75	29.92	45.09

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



1063

**SOYBEANS, DRYLAND, TEXAS UPPER GULF COAST REGION**  
 1985 PROJECTED COSTS AND RETURNS PER ACRE  
 HIGH LEVEL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
SOYBEANS	32.00	BU.	6.00	192.00	_____
TOTAL PROJECTED RETURNS				\$ 192.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*SOYBEAN SEED	65.00	LB.	0.21	13.65	_____
NITROGEN	6.00	LB.	0.27	1.62	_____
PHOSPHATE	29.00	LB.	0.23	6.67	_____
POTASH	34.00	LB.	0.14	4.76	_____
HERBICIDE	0.46	ACRE	19.12	8.80	_____
CUST AIR FUNGIC.	1.00	ACRE	7.10	7.10	_____
*INSECTICIDE	2.00	ACRE	3.87	7.74	_____
CUST AIR INSECT	2.00	ACRE	3.10	6.20	_____
CUST AIR FUNG	2.00	ACRE	3.50	7.00	_____
FUEL & LUBE--TRACTOR		ACRE		20.81	_____
EQUIPMENT		ACRE		3.23	_____
REPAIRS-----TRACTOR		ACRE		6.32	_____
EQUIPMENT		ACRE		4.32	_____
LABOR-----MACHINERY	3.42	HOUR	5.06	17.29	_____
EQUIPMENT	1.40	HOUR	4.50	6.30	_____
OPERATING CAPITAL	34.62	DOL.	0.120	4.15	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 125.95	\$ _____
HARVEST COSTS					
DRY & STORAGE	32.00	BU.	0.25	8.00	_____
CUSTOM HAUL	32.00	BU.	0.12	3.84	_____
FUEL & LUBE--TRACTOR		ACRE		3.73	_____
EQUIPMENT		ACRE		1.92	_____
REPAIRS-----TRACTOR		ACRE		1.19	_____
EQUIPMENT		ACRE		1.75	_____
LABOR-----MACHINERY	1.24	HOUR	5.06	6.26	_____
SUBTOTAL, HARVEST		ACRE		\$ 26.70	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 152.65	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 4.77/BU.	SOYBEANS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 39.35	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		44.34	_____
EQUIPMENT		ACRE		28.51	_____
LAND---NET SHARE-RENT		ACRE		26.88	_____
TOTAL FIXED COSTS		ACRE		\$ 99.74	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 252.38	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 7.89/BU.	SOYBEANS	
6. NET PROJECTED RETURNS		ACRE		\$ -60.38	\$ _____

LAND RENT IS 1/7 OF GROSS INCOME.

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.

1063

SOYBEANS, DRYLAND, TEXAS UPPER GULF COAST REGION  
 1985 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
DISK TANDEM	2,35	JAN	1.00	0.150	0.114	1.60	0.76	0.0	2.55	4.90
DISK TANDEM	2,35	FEB	1.00	0.150	0.114	1.60	0.76	0.0	2.55	4.90
LAND PLANE	2,56	FEB	1.00	0.242	0.183	2.31	1.22	0.0	3.69	7.23
DISK TANDEM	2,35	APR	1.00	0.150	0.114	1.60	0.76	0.0	2.55	4.90
BEDDER	2,59	APR	1.00	0.340	0.258	3.22	1.72	0.0	3.99	8.93
BEDDER	2,59	MAY	1.00	0.340	0.258	3.22	1.72	0.0	3.99	8.93
BED PLANTER	2,43	MAY	1.00	0.387	0.293	3.78	1.96	13.65	5.01	24.40
BLADE (DOZER)	4,30	MAY	1.00	0.332	0.252	2.07	1.68	0.0	4.40	8.15
ROLL CULTIVATOR	2,41	MAY	1.00	0.211	0.160	1.95	1.07	0.0	2.69	5.70
ROLL CULTIVATOR	2,41	JUNE	2.00	0.421	0.319	3.91	2.13	0.0	5.37	11.41
ROLL CULTIVATOR	2,41	JULY	1.00	0.211	0.160	1.95	1.07	0.0	2.69	5.70
BLADE (DOZER)	4,30	AUG	1.00	0.332	0.252	2.07	1.68	0.0	4.40	8.15
COMBINE - SB	18	OCT	0.50	0.187	0.149	1.99	0.95	0.0	6.64	9.57
GRAIN CART	2,92	OCT	0.50	0.282	0.214	2.50	1.43	0.0	3.26	7.18
TRUCK. ÷ ÷	11	OCT	0.12	0.150	0.120	0.27	0.76	0.0	0.79	1.81
DISK TANDEM	2,35	NOV	1.00	0.150	0.114	1.60	0.76	0.0	2.55	4.90
COMBINE - SB	18	NOV	0.50	0.187	0.149	1.99	0.95	0.0	6.64	9.57
GRAIN CART	2,92	NOV	0.50	0.282	0.214	2.50	1.43	0.0	3.26	7.18
TRUCK. ÷ ÷	11	NOV	0.12	0.150	0.120	0.27	0.76	0.0	0.79	1.81
TOTALS				4.654	3.555	40.38	23.55	13.65	67.77	145.35

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

QUANTITY OF SOYBEANS	PRICE OF SOYBEANS (DOLLARS)				
	4.80	5.40	6.00	6.60	7.20
25.60	-44.60	-31.39	-18.18	-4.97	8.24
28.80	-32.58	-17.72	-2.85	12.01	26.87
32.00	-20.55	-4.04	12.47	28.99	45.50
35.20	-8.53	9.64	27.80	45.96	64.13
38.40	3.50	23.31	43.13	62.94	82.76

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

LISTING OF THE NAME SET AND PRICE VECTOR      REGION NUMBER: 22      DATE: 110784

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
71	DEFICIENCY PMT.	SORG	CWT.	0.82	526	HERBICIDE	SB	ACRE	24.11
73	GRAIN SORGHUM	GRSG	CWT.	4.59	527	CUST AIR FUNGIC.	SB	ACRE	7.10
90	DEFICIENCY PMT.	COTT	LB.	0.19	528	CUST AIR INSECT	SB	ACRE	3.10
93	COTTON LINT	COTT	LB.	0.60	529	INSECTICIDE	SB	ACRE	7.65
94	COTTONSEED	COTT	TON	100.00	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	---	---	---	---	---
501	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	---	---	---	---	---

- |          |          |           |           |           |           |           |
|----------|----------|-----------|-----------|-----------|-----------|-----------|
| 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 |           |           |           |           |           |

**DEFAULT PARAMETER VALUES AND DEFINITIONS**

REGION: 22      DATE: 110784

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)	0.0
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)	0.0
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

## LISTING OF ECONOMIC AND ENGINEERING DATA FOR MACHINERY IN REGION 22

DATE:110784

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	53250.	4.5	0.88	1.20	0.	1.60	500.	7.	0.68	0.92	47925.	3.	12000.	150.
TRACTOR	2.	125.0	47650.	4.5	0.88	1.20	0.	1.60	600.	7.	0.68	0.92	42900.	3.	12000.	125.
TRACTOR	3.	100.0	39050.	4.5	0.88	1.20	0.	1.60	500.	7.	0.68	0.92	35150.	3.	12000.	100.
TRACTOR	4.	75.0	25450.	4.5	0.88	1.20	0.	1.60	300.	7.	0.68	0.92	22900.	3.	12000.	75.
TRACTOR	5.	40.0	14975.	4.5	0.88	1.20	0.	1.60	300.	7.	0.68	0.92	13475.	3.	12000.	40.
TRACTOR 4 WH DR	6.	225.0	92725.	4.5	0.88	1.20	0.	1.60	600.	7.	0.68	0.92	83450.	3.	12000.	225.
TRACTOR (7W)	7.	70.0	16018.	4.5	0.88	1.20	0.	1.70	600.	10.	0.68	0.92	13893.	3.	10000.	70.
TRACTOR (8W)	8.	200.0	68700.	4.5	0.88	1.20	0.	1.70	1000.	6.	0.68	0.92	58500.	3.	10000.	200.
TRUCK	9.	5.0	6896.	2.0	0.82	0.80	0.	1.40	500.	8.	0.67	0.86	6206.	1.	5000.	1.
PICKUP TRUCK	10.	0.5	10500.	30.0	0.88	0.80	0.	1.60	700.	3.	0.60	0.88	9500.	1.	2800.	30.
TRUCK	11.	4.0	8562.	6.2	0.82	0.80	0.	1.40	200.	12.	0.67	0.86	8066.	1.	3000.	1.
PICKUP	12.	0.5	6266.	2.0	0.82	0.60	0.	1.40	350.	5.	0.60	0.88	5639.	1.	2188.	1.
COTTON STRIPR SP	14.	6.6	35000.	2.8	0.67	0.60	0.	1.60	300.	5.	0.60	0.88	30000.	3.	1500.	90.
COMBINE - RICE	17.	16.0	62788.	1.5	0.67	0.33	0.	2.10	225.	6.	0.63	0.89	54380.	3.	3000.	100.
COMBINE - SB	18.	16.0	62788.	2.5	0.69	0.33	0.	2.10	225.	8.	0.63	0.89	54380.	3.	3000.	100.
BLADE (DOZER)	30.	8.0	2694.	5.0	0.82	2.00	0.	1.30	200.	10.	0.60	0.88	2286.	0.	2500.	0.
SPRNG T HARROW	31.	16.0	1133.	5.3	0.70	0.65	0.	1.80	125.	10.	0.60	0.88	1020.	0.	1563.	0.
SPRING T HARROW	32.	32.0	2539.	5.3	0.70	0.65	0.	1.80	50.	10.	0.60	0.88	2289.	0.	625.	0.
SPIKE T HARROW	33.	16.0	636.	5.3	0.70	0.65	0.	1.80	140.	10.	0.60	0.88	575.	0.	1750.	0.
DISK TANDEM	34.	14.0	4076.	4.8	0.84	0.65	0.	1.80	160.	8.	0.60	0.88	3570.	0.	1600.	0.
DISK TANDEM	35.	18.0	7498.	4.8	0.84	0.65	0.	1.80	160.	8.	0.60	0.88	6706.	0.	1600.	0.
ROLL CULTIVATOR	41.	13.3	1512.	4.8	0.81	0.65	0.	1.30	125.	8.	0.60	0.88	1512.	0.	1250.	0.
ROLL CULTIVATOR	42.	10.0	4017.	3.0	0.67	0.85	0.	1.30	300.	5.	0.56	0.88	3690.	0.	1875.	0.
BED PLANTER	43.	14.0	3240.	3.0	0.67	0.85	0.	1.30	300.	5.	0.56	0.88	3240.	0.	1875.	0.
SPRAY RIG	45.	16.7	1728.	4.0	0.72	0.65	0.	1.80	120.	10.	0.60	0.88	1728.	0.	1500.	0.
OFF SET DISK	50.	14.0	8630.	4.8	0.83	0.65	0.	1.80	160.	8.	0.60	0.88	7767.	0.	1600.	0.

## LISTING OF ECONOMIC AND ENGINEERING DATA FOR MACHINERY IN REGION 22

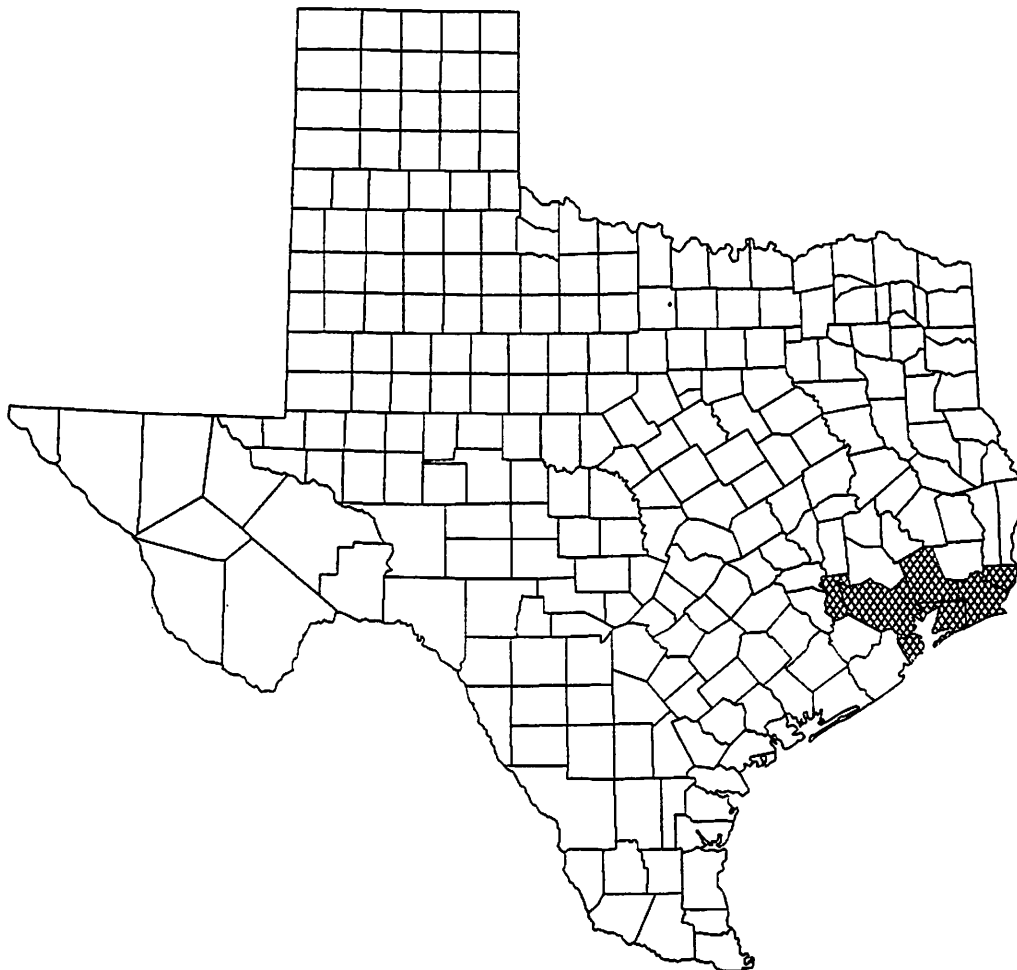
DATE:110784

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	0.65	0.	1.80	80.	12.	0.60	0.88	1770.	0.	1200.	0.
PLANTER 6R	52.	18.0	4700.	4.0	0.80	0.80	0.	1.60	80.	10.	0.60	0.88	4286.	0.	1000.	0.
GRAIN DRILL	53.	20.0	4292.	4.5	0.76	1.00	0.	1.30	200.	8.	0.60	0.88	3755.	0.	2000.	0.
FLOAT	54.	12.0	580.	4.5	0.70	0.65	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.	1.60	80.	10.	0.60	0.88	2958.	0.	1000.	0.
LAND PLANE6	56.	12.0	8206.	5.0	0.75	0.65	0.	1.80	200.	16.	0.60	0.88	7600.	0.	4000.	0.
CULTIVATOR 4R	57.	18.0	2093.	3.8	0.76	1.00	0.	1.80	200.	10.	0.60	0.88	1842.	0.	2500.	0.
ROLLING CULT	58.	20.0	4017.	3.8	0.75	1.00	0.	1.30	200.	10.	0.60	0.88	3690.	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 6R	60.	24.0	3578.	3.8	0.76	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	0.65	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	500.	4.0	0.60	0.65	0.	1.80	100.	10.	0.60	0.88	500.	0.	1250.	0.
SPRAYER (INSECT)	65.	24.0	350.	3.8	0.76	0.65	0.	1.80	100.	10.	0.60	0.88	350.	0.	1250.	0.
LEVEE PLOW	66.	10.0	1839.	4.5	0.82	0.65	0.	1.80	270.	8.	0.60	0.88	1563.	0.	2700.	0.
FIELD CULTIVATOR	67.	18.0	3130.	4.8	0.82	0.65	0.	1.80	200.	10.	0.60	0.88	2548.	0.	2500.	0.
FIELD CULTIVATOR	68.	22.0	5692.	4.8	0.82	0.65	0.	1.80	200.	10.	0.60	0.88	5016.	0.	2500.	0.
FIELD CULTIVATOR	69.	27.0	7200.	4.8	0.82	0.65	0.	1.80	200.	10.	0.60	0.88	6500.	0.	2500.	0.
FIELD CULTIVATOR	70.	36.0	9647.	4.8	0.82	0.65	0.	1.80	100.	6.	0.60	0.88	8562.	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	79.	24.0	3556.	4.0	0.72	0.65	0.	1.80	80.	12.	0.60	0.88	35560.	0.	1200.	0.
DRILL	80.	54.0	14150.	4.0	0.72	0.65	0.	1.80	100.	6.	0.60	0.88	11752.	0.	750.	0.
FERT APPL	86.	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	0.65	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.	6.	0.60	0.88	1432.	0.	1500.	0.
SHREDDER 4R	91.	13.3	4078.	4.8	0.82	0.65	0.	1.80	200.	6.	0.60	0.88	3596.	0.	1500.	0.
GRAIN CART	92.	16.0	1320.	1.8	0.67	0.65	0.	1.80	325.	10.	0.60	0.88	1320.	0.	4063.	0.

# TEXAS LIVESTOCK ENTERPRISE BUDGETS

## TEXAS UPPER GULF COAST

Projected for 1985



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.

.....  
Cooperative Extension Work in Agriculture and Home Economics, The Texas A&M University System and the United States Department of Agriculture cooperating. Distributed in furtherance of the Acts of Congress of May 8, 1914, as amended, and June 30, 1914.

150 - 12-84, New

ECO 7-2

1041

**COW-CALF PRODUCTION**  
 TEXAS UPPER GULF COAST REGION  
 1985 PROJECTED COSTS AND RETURNS PER COW

INVESTMENT REQUIREMENTS				PROJECTED		YOUR	
	NUMBER	UNIT	SIZE	\$/UNIT	VALUE	ESTIMATE	
BEEF COW RAISED	1.00	HEAD	1.00	550.00	550.00	_____	
BEEF BULL PUR.	0.04	HEAD	1.00	787.50	31.50	_____	
BEEF HEIFER RAI.	0.13	HEAD	1.00	540.00	67.50	_____	
TOTAL LIVESTOCK INVESTMENT					\$ 649.00	\$ _____	
PRODUCTION				PROJECTED			
	NUMBER	WGT. EACH	TOTAL UNITS	\$/UNIT	RETURN		
STEER CALVES	0.40	4.80	1.9 CWT.	72.00	138.24	_____	
HEIFER CALVES	0.28	4.50	1.3 CWT.	65.00	81.90	_____	
CULL COWS	0.10	9.00	0.9 CWT.	38.75	34.87	_____	
TOTAL PROJECTED RETURNS					\$ 255.01	\$ _____	
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.		4.00	40.00	_____	
RANGE CUBES	1.50	CWT.		9.70	14.55	_____	
SALT & MIN.	0.42	CWT.		10.50	4.41	_____	
VET MEDICINE	1.00	DOL.		4.00	4.00	_____	
MISC EXPENSE	1.00	HEAD		7.48	7.48	_____	
MARKETING	0.78	HEAD		9.75	7.60	_____	
EQUIPMENT FUEL AND LUBE					6.76	_____	
EQUIPMENT REPAIR					4.48	_____	
TOTAL OPERATING COST					\$ 173.24	\$ _____	
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 81.77	\$ _____	
CAPITAL INVESTMENT				QUANTITY INVESTED	UNIT	RATE OF RETURN	PROJECTED COST
ANNUAL OPERATING CAPITAL	3.64	DOL.		0.077		0.28	_____
EQUIPMENT INVESTMENT	230.06	DOL.		0.077		17.70	_____
LIVESTOCK INVESTMENT	649.00	DOL.		0.077		49.92	_____
TOTAL CAPITAL COST						\$ 67.90	\$ _____
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 13.87	\$ _____	
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)				PROJECTED COST			
EQUIPMENT					26.81	_____	
LIVESTOCK					13.93	_____	
TOTAL OWNERSHIP COST					\$ 40.75	\$ _____	
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT					\$ -26.87	\$ _____	
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					\$ -59.57	\$ _____	
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					\$ -116.18	\$ _____	
TOTAL PROJECTED COST OF PRODUCTION					\$ 371.20	\$ _____	

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 UPPER GULF COAST REGION  
1985 PROJECTED COSTS AND RETURNS PER COW**

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
<b>AVER. ANNUAL CAPITAL</b>	-4.39	2.46	2.06	3.23	2.89	2.82	2.46	2.10	-0.88	-2.10	-2.26	-4.76	3.64
	(DOLLARS)												
<b>LABOR REQUIREMENTS</b>	(HOURS)												<b>TOTAL</b>
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	0.26	0.26	0.20	0.15	0.15	0.48	0.18	0.18	0.32	3.22
LIVESTOCK LABOR	0.60	0.55	0.50	0.45	0.0	0.45	0.35	0.35	0.35	0.45	0.45	0.45	4.95
<b>TOTAL LABOR</b>	0.97	0.92	0.82	0.71	0.26	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	120.00	120.00	15.60	0.0	24.00	0.0	0.0	255.60	24.00	4.00	0.040
LOT FENCE	2	6.40	2.71	0.35	0.0	0.64	0.0	0.0	9.46	0.64	0.07	1.000
PICKUP TRUCK	10	1200.00	569.23	74.00	0.0	315.71	1610.00	80.50	1843.23	2006.21	700.00	0.004
BARN	11	81.60	118.21	15.37	0.0	9.07	0.0	0.0	215.18	9.07	2.00	0.040
POND	27	19.00	19.00	2.47	0.0	5.70	0.0	0.0	40.46	5.70	0.0	0.040
STOCK TRAILER	47	76.00	46.77	6.08	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	42.31	5.50	2.75	0.0	0.0	0.0	50.56	0.0	0.0	1.000
BEEF BULL PUR.	54	105.00	60.58	7.87	3.94	0.0	0.0	0.0	177.39	0.0	0.0	0.040
BEEF HEIFER RAI.	55	0.0	41.54	5.40	2.70	0.0	0.0	0.0	49.64	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.	0.	MILE	2.	3000.	3000.	25.	0.0	0.20	0.0	4.0	0.0	0.0	0.0	0.0
LOT FENCE	2.	10.	FEET	2.	64.	64.	10.	0.0	0.10	0.0	0.1	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.		2.	13000.	11000.	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.	550.	550.	8.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BEEF BULL PUR.	54.	1.	HEAD	1.	1050.	1050.	6.	0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BEEF HEIFER RAI.	55.	1.	HEAD	1.	540.	540.	6.	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:110784

EQUIPMENT NAME	1 CODE	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.	0.	18.	2.	3000.	3000.	25.	0.0	0.20	0.0	4.0	0.0	0.0	0.0	0.0
LOT FENCE	2.	10.	19.	2.	64.	64.	10.	0.0	0.10	0.0	0.1	0.0	0.0	0.0	0.0
HOG FENCE	3.	100.	19.	2.	112.	112.	10.	0.0	0.60	0.0	0.6	0.0	0.0	0.0	0.0
LAYER HOUSE	7.	11520.	21.	2.	90000.	90000.	15.	0.0	0.05	0.0	30.0	0.0	0.0	0.0	0.0
LAYER HOUSE	8.	16000.	21.	2.	70000.	70000.	15.	0.0	0.05	0.0	328.0	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.	0.	2.	13000.	11000.	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.	6691.	6691.	18.	0.10	0.25	0.0	10.0	0.0	0.0	0.0	0.0
FARROWING BARN	14.	12.	1.	2.	2726.	2726.	20.	0.10	0.20	0.0	10.0	0.0	0.0	0.0	0.0
FARROWING HOUSE	15.	64.	21.	2.	290.	290.	5.	0.0	0.20	0.0	5.0	0.0	0.0	0.0	0.0
SHADE	16.	340.	21.	2.	496.	496.	10.	0.0	0.10	0.0	4.0	0.0	0.0	0.0	0.0
HAY BARN	17.	1200.	21.	2.	3720.	3720.	30.	0.10	0.05	0.0	1.0	0.0	0.0	0.0	0.0
BROILER HOUSE	18.	13360.	21.	2.	33400.	33400.	20.	0.0	0.10	0.0	20.0	0.0	0.0	0.0	0.0
BROILER HOUSE	19.	12000.	21.	2.	71000.	71000.	10.	0.0	0.05	0.0	20.0	0.0	0.0	0.0	0.0
WATER SYSTEM	20.	1.	15.	2.	3000.	3000.	20.	0.0	0.05	0.0	10.0	0.0	0.0	0.0	0.0
TANK	21.	250.	5.	2.	213.	213.	10.	0.0	0.30	0.0	6.0	0.0	0.0	0.0	0.0
EQUIPMENT	22.	1.	0.	2.	15364.	15364.	10.	0.0	0.10	0.0	26.0	0.0	0.0	0.0	0.0
WATER PIPE	23.	100.	19.	2.	25.	25.	10.	0.0	0.05	0.0	0.1	0.0	0.0	0.0	0.0
WATER WELL	24.	250.	19.	2.	3100.	3100.	25.	0.05	0.30	0.0	1.0	0.0	0.0	0.0	0.0
HOG WATERER	25.	1.	5.	2.	10.	10.	5.	0.0	0.10	0.0	0.1	0.0	0.0	0.0	0.0
CATTLE WATERER	26.	200.	5.	2.	106.	106.	15.	0.0	0.01	0.0	1.0	0.0	0.0	0.0	0.0
POND	27.	1.	7.	2.	475.	475.	25.	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
MILKING PARLOR	28.	960.	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.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
MILKING STALLS	30.	1.	15.	2.	14085.	14085.	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.	0.20	0.05	0.0	0.0	0.0	0.0	0.0	0.0
BULK MILK COOLER	32.	1500.	5.	2.	12500.	12500.	10.	0.16	0.05	0.0	0.0	0.0	0.0	0.0	0.0
HORIZONTAL SILO	33.	1600.	3.	2.	8500.	8500.	20.	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0
MECHANICAL FEEDR	34.	1.	15.	2.	6500.	6500.	10.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
SILAGE DIG/WAGON	35.	1.	15.	2.	11000.	11000.	10.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
HOLDING AREA	36.	1500.	21.	2.	6000.	6000.	20.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
ROOF FDNG AREA	37.	1600.	21.	2.	6400.	6400.	20.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
CALF BARN	38.	500.	21.	2.	4000.	4000.	20.	0.0	0.05	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.	2600.	21.	2.	10400.	10400.	20.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
FEED MILL	41.	1.	15.	2.	14000.	14000.	10.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
MANURE SYSTEM	42.	1.	15.	2.	9400.	9400.	10.	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
WATER SYSTEM	43.	1.	15.	2.	3850.	3850.	10.	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
FEEDING SLAB	44.	160.	21.	2.	170.	170.	10.	0.0	0.20	0.0	1.0	0.0	0.0	0.0	0.0
SELF FEEDER	45.	1.	15.	2.	300.	300.	5.	0.0	0.25	0.0	2.0	0.0	0.0	0.0	0.0
FEED STORAGE	46.	1.	15.	2.	1290.	1290.	15.	0.15	0.40	0.0	3.0	0.0	0.0	0.0	0.0
STOCK TRAILER	47.	1.	15.	2.	950.	950.	10.	0.20	0.25	0.0	2.0	0.0	0.0	0.0	0.0
MINERAL FEEDER	48.	2.	19.	2.	84.	84.	10.	0.0	0.10	0.0	0.5	0.0	0.0	0.0	0.0

LISTING OF ECONOMIC AND ENGINEERING DATA FOR EQUIPMENT IN REGION 15

DATE:110784

EQUIPMENT NAME	1 CODE	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.
BEEF COW RAISED	51.	1.	1.	1.	550.	550.	8.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BEEF BULL PUR.	54.	1.	1.	1.	1050.	1050.	6.	0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BEEF HEIFER RAI.	55.	1.	1.	1.	540.	540.	6.	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.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAIRY COW PURCH	62.	1.	1.	1.	1250.	1250.	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.	8.	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REPL HFR—YLNQ	65.	1.	1.	1.	1000.	1000.	6.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REPL HFR—CALF	66.	1.	1.	1.	600.	600.	6.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SOH PURCHASED	72.	1.	1.	1.	225.	225.	3.	0.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BOAR PURCHASED	74.	0.	1.	1.	500.	500.	2.	0.50	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.	238.	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.	2167.	2167.	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.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GILT PURCHASED	81.	1.	1.	1.	245.	245.	2.	0.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BOAR PURCHASED	82.	1.	1.	1.	500.	500.	2.	0.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0