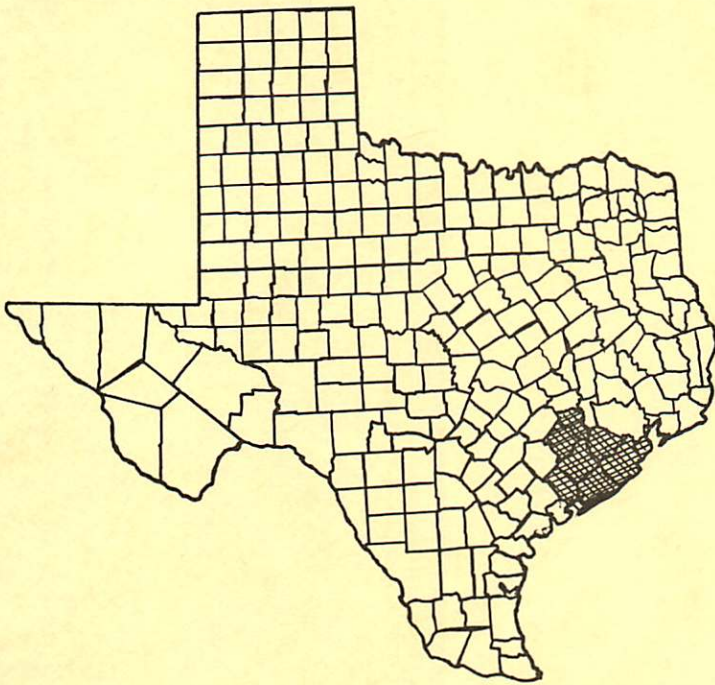


TEXAS MIDDLE COAST

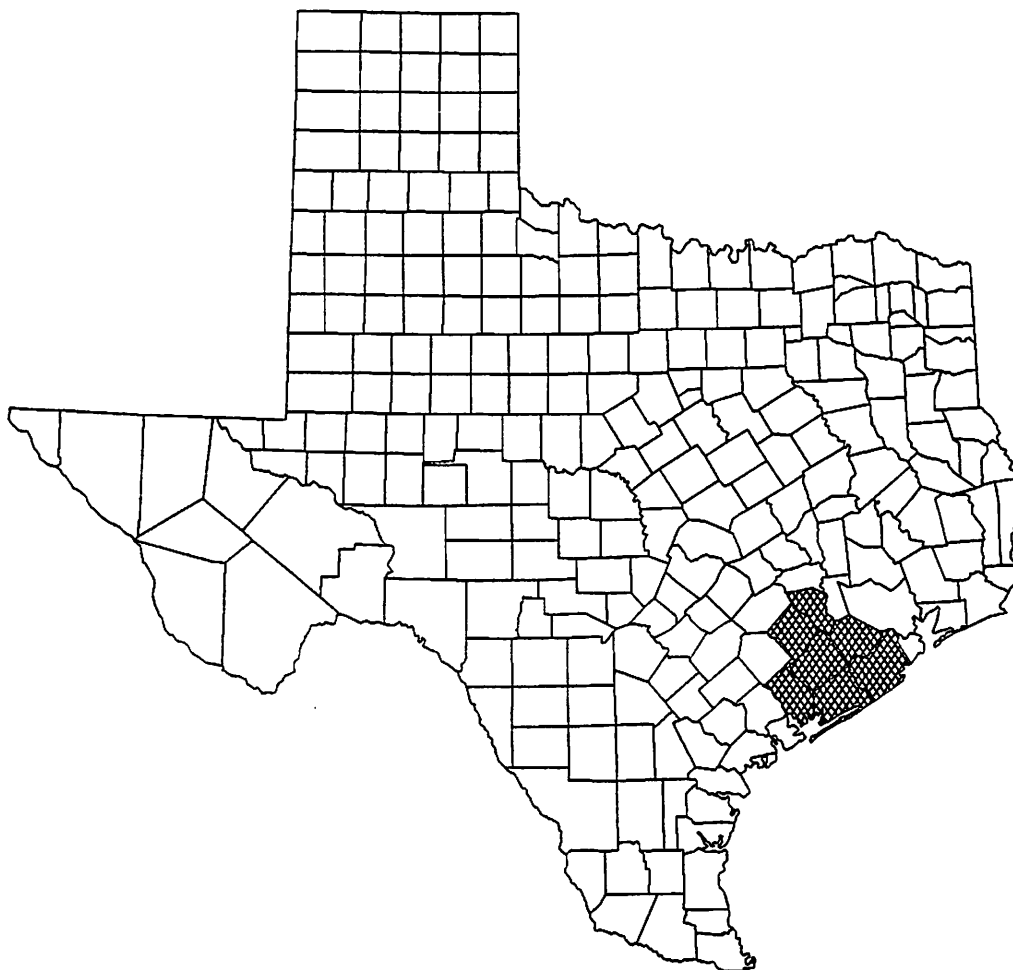
SOIL RESOURCE AREA 22



TEXAS CROP ENTERPRISE BUDGETS

TEXAS MIDDLE 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.

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COTTON, DRYLAND, TEXAS MIDDLE GULF COAST REGION
1985 PROJECTED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
COTTON LINT	300.00	LB.	0.60	180.00	_____
COTTONSEED	0.24	TON	100.00	24.00	_____
DEFICIENCY PMT.	300.00	LB.	0.19	57.00	_____
TOTAL PROJECTED RETURNS				\$ 261.00	\$ _____
2. VARIABLE COSTS					
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		5.59	_____
EQUIPMENT		ACRE		3.38	_____
LABOR-----MACHINERY	2.64	HOUR	5.06	13.37	_____
EQUIPMENT	1.75	HOUR	4.50	7.87	_____
OPERATING CAPITAL	33.79	DOL.	0.120	4.06	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 139.83	\$ _____
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		\$ 209.20	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.43/LB.	COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 51.80	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		29.10	_____
EQUIPMENT		ACRE		10.59	_____
LAND---NET SHARE-RENT		ACRE		46.40	_____
TOTAL FIXED COSTS		ACRE		\$ 86.09	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 295.29	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.71/LB.	COTTON LINT	
6. NET PROJECTED RETURNS		ACRE		\$ -34.29	\$ _____

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.

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COTTON, DRYLAND, TEXAS MIDDLE 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
ROLLING CULT	2,58	SEPT	1.00	0.191	0.145	1.88	0.97	0.0	2.56	5.41
BEDDER	2,59	OCT	1.00	0.340	0.258	3.22	1.72	0.0	3.99	8.93
ROLLING CULT	2,58	NOV	1.00	0.191	0.145	1.88	0.97	0.0	2.56	5.41
BEDDER	2,59	DEC	1.00	0.340	0.258	3.22	1.72	0.0	3.99	8.93
SPRAY RIG	2,45	DEC	1.00	0.226	0.172	2.08	1.15	0.0	2.92	6.15
SPRAYER (HERB)	64	DEC	1.00	0.0	0.143	0.03	0.0	7.80	0.12	7.96
ROLLING CULT	2,58	MAR	1.00	0.191	0.145	1.88	0.97	0.0	2.56	5.41
PLANTER 4R	2,55	MAR	1.00	0.142	0.107	1.49	0.72	0.0	2.25	4.45
CULTIVATOR 6R	2,60	APR	1.00	0.157	0.119	1.51	0.80	0.0	2.05	4.36
SPRAYER (HERB)	64	APR	1.00	0.0	0.143	0.03	0.0	0.0	0.12	0.16
CULTIVATOR 6R	2,60	MAY	1.00	0.157	0.119	1.51	0.80	0.0	2.05	4.36
SPRAYER (HERB)	64	MAY	1.00	0.0	0.143	0.03	0.0	8.15	0.12	8.31
CULTIVATOR 6R	2,60	JUNE	1.00	0.157	0.119	1.51	0.80	0.0	2.05	4.36
SPRAYER (HERB)	64	JUNE	1.00	0.0	0.143	0.03	0.0	2.77	0.12	2.93
SHREDDER 4R	2,91	AUG	1.00	0.208	0.158	2.05	1.05	0.0	2.89	5.99
DISK TANDEM	34	AUG	1.00	0.0	0.146	0.20	0.0	0.0	0.61	0.81
BEDDER	2,59	AUG	1.00	0.340	0.258	3.22	1.72	0.0	3.99	8.93
TOTALS				2.642	2.720	25.78	13.37	18.72	34.99	92.85

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)

LB.	0.48	0.54	0.60	0.66	0.72
240.00	-43.00	-32.20	-21.40	-10.60	0.20
270.00	-32.30	-20.15	-8.00	4.15	16.30
300.00	-21.60	-8.10	5.40	18.90	32.40
330.00	-10.90	3.95	18.80	33.65	48.50
360.00	-0.21	15.99	32.19	48.39	64.59

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

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COTTON, DRYLAND, TEXAS MIDDLE 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					
COTTON LINT	400.00	LB.	0.60	240.00	_____
COTTONSEED	0.32	TON	100.00	32.00	_____
DEFICIENCY PMT.	400.00	LB.	0.19	76.00	_____
TOTAL PROJECTED RETURNS				\$ 348.00	\$ _____
2. VARIABLE COSTS					
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	7.00	ACRE	2.20	15.40	_____
FUEL & LUBE--TRACTOR		ACRE		5.58	_____
EQUIPMENT		ACRE		4.04	_____
REPAIRS-----TRACTOR		ACRE		1.16	_____
EQUIPMENT		ACRE		3.38	_____
LABOR-----MACHINERY	2.64	HOUR	5.06	13.37	_____
EQUIPMENT	1.75	HOUR	4.50	7.87	_____
OPERATING CAPITAL	22.24	DOL.	0.120	2.67	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 130.95	\$ _____
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		\$ 223.45	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.29/LB.	COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 124.55	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		18.28	_____
EQUIPMENT		ACRE		10.59	_____
LAND---NET SHARE-RENT		ACRE		61.77	_____
TOTAL FIXED COSTS		ACRE		\$ 90.63	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 314.08	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.52/LB.	COTTON LINT	
6. NET PROJECTED RETURNS		ACRE		\$ 33.92	\$ _____

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.

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.

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COTTON, DRYLAND, TEXAS MIDDLE 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
ROLLING CULT BEDDER	5,58	SEPT	1.00	0.191	0.145	0.71	0.97	0.0	1.78	3.45
ROLLING CULT BEDDER	5,59	OCT	1.00	0.340	0.258	1.12	1.72	0.0	2.60	5.44
ROLLING CULT BEDDER	5,58	NOV	1.00	0.191	0.145	0.71	0.97	0.0	1.78	3.45
ROLLING CULT BEDDER	5,59	DEC	1.00	0.340	0.258	1.12	1.72	0.0	2.60	5.44
SPRAY RIG	5,45	DEC	1.00	0.226	0.172	0.69	1.15	0.0	1.99	3.83
SPRAYER (HERB)	64	DEC	1.00	0.0	0.143	0.03	0.0	0.0	0.12	0.16
ROLLING CULT	5,58	MAR	1.00	0.191	0.145	0.71	0.97	0.0	1.78	3.45
PLANTER 4R	5,55	MAR	1.00	0.142	0.107	0.61	0.72	0.0	1.66	2.99
CULTIVATOR 6R	5,60	APR	1.00	0.157	0.119	0.54	0.80	0.0	1.41	2.75
SPRAYER (HERB)	64	APR	1.00	0.0	0.143	0.03	0.0	0.0	0.12	0.16
CULTIVATOR 6R	5,60	MAY	1.00	0.157	0.119	0.54	0.80	0.0	1.41	2.75
SPRAYER (HERB)	64	MAY	1.00	0.0	0.143	0.03	0.0	8.15	0.12	8.31
CULTIVATOR 6R	5,60	JUNE	1.00	0.157	0.119	0.54	0.80	0.0	1.41	2.75
SPRAYER (HERB)	64	JUNE	1.00	0.0	0.143	0.03	0.0	2.77	0.12	2.93
SHREDDER 4R	5,91	AUG	1.00	0.208	0.158	0.76	1.05	0.0	2.03	3.85
DISK TANDEM	34	AUG	1.00	0.0	0.146	0.20	0.0	0.0	0.61	0.81
BEDDER	5,59	AUG	1.00	0.340	0.258	1.12	1.72	0.0	2.60	5.44
TOTALS				2.642	2.720	9.49	13.37	10.92	24.17	57.94

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)				
		0.48	0.54	0.60	0.66	0.72
QUANTITY OF COTTON LINT	LB.					
	320.00	-1.74	12.66	27.06	41.46	55.86
	360.00	12.52	28.72	44.92	61.12	77.32
	400.00	26.78	44.78	62.78	80.78	98.78
	440.00	41.05	60.85	80.65	100.45	120.25
	480.00	55.31	76.91	98.51	120.11	141.71

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

1053

GRAIN SORGHUM, DRYLAND, TEXAS MIDDLE GULF COAST REGION
1985 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.	4.59	137.70	_____
DEFICIENCY PMT.	30.00	CWT.	0.82	24.60	_____
TOTAL PROJECTED RETURNS				\$ 162.30	\$ _____
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		2.60	_____
EQUIPMENT		ACRE		3.12	_____
LABOR-----MACHINERY	3.26	HOUR	5.06	16.51	_____
EQUIPMENT	1.82	HOUR	4.50	8.19	_____
OPERATING CAPITAL	23.60	DOL.	0.120	2.83	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 95.83	\$ _____
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		\$ 127.33	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 3.42/CWT.		GRAIN SORGHUM
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 34.97	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		36.41	_____
EQUIPMENT		ACRE		9.55	_____
LAND---NET SHARE-RENT		ACRE		39.77	_____
TOTAL FIXED COSTS		ACRE		\$ 85.73	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 213.05	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 6.28/CWT.		GRAIN SORGHUM
6. NET PROJECTED RETURNS		ACRE		\$ -50.75	\$ _____

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.

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.

1053

GRAIN SORGHUM, DRYLAND, TEXAS MIDDLE 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
SHREDDER 4R	4,91	SEPT	1.00	0.208	0.158	1.21	1.05	0.0	3.04	5.31
DISK TANDEM	3,35	SEPT	1.00	0.150	0.114	1.32	0.76	0.0	2.52	4.59
BEDDER	4,59	SEPT	1.00	0.340	0.258	1.85	1.72	0.0	4.24	7.82
DISK TANDEM	3,35	NOV	0.25	0.038	0.028	0.33	0.19	0.0	0.63	1.15
BEDDER	4,59	NOV	1.00	0.340	0.258	1.85	1.72	0.0	4.24	7.82
FIELD CULTIVATOR	3,67	DEC	1.00	0.153	0.116	1.12	0.77	0.0	1.91	3.80
BEDDER	4,59	JAN	1.00	0.340	0.258	1.85	1.72	0.0	4.24	7.82
BEDDER	4,59	FEB	1.00	0.340	0.258	1.85	1.72	0.0	4.24	7.82
SPIKE T HARROW	5,33	MAR	1.00	0.183	0.139	0.50	0.93	0.0	1.37	2.79
BED PLANTER	4,43	MAR	0.75	0.290	0.220	1.67	1.47	6.48	3.98	13.59
CULTIPACKER	5,87	MAR	0.75	0.115	0.087	0.31	0.58	0.0	0.89	1.78
CULTIVATOR 4R	4,57	MAR	1.00	0.209	0.159	1.10	1.06	0.0	2.71	4.87
BED PLANTER	4,43	APR	0.25	0.097	0.073	0.56	0.49	0.0	1.33	2.37
CULTIPACKER	5,87	APR	0.25	0.038	0.029	0.10	0.19	0.0	0.30	0.59
CULTIVATOR 4R	4,57	APR	1.00	0.209	0.159	1.10	1.06	0.0	2.71	4.87
CULTIVATOR 4R	4,57	MAY	1.00	0.209	0.159	1.10	1.06	0.0	2.71	4.87
TOTALS				3.262	2.471	17.82	16.51	6.48	41.07	81.88

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 GRAIN SORGHUM (DOLLARS)				
	3.67	4.13	4.59	5.05	5.51
24.00	-35.60	-28.22	-20.84	-13.46	-6.08
27.00	-29.42	-21.12	-12.82	-4.51	3.79
30.00	-23.25	-14.02	-4.79	4.43	13.66
33.00	-17.07	-6.92	3.23	13.37	23.52
36.00	-10.89	0.18	11.25	22.32	33.39

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

1054

GRAIN SORGHUM, DRYLAND, TEXAS MIDDLE 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					
GRAIN SORGHUM	35.00	CWT.	4.59	160.65	_____
DEFICIENCY PMT.	35.00	CWT.	0.82	28.70	_____
TOTAL PROJECTED RETURNS				\$ 189.35	\$ _____
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		2.60	_____
EQUIPMENT		ACRE		3.12	_____
LABOR-----MACHINERY	3.26	HOUR	5.06	16.51	_____
EQUIPMENT	1.82	HOUR	4.50	8.19	_____
OPERATING CAPITAL	22.48	DOL.	0.120	2.70	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 95.69	\$ _____
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		\$ 132.44	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 2.96/CWT.	GRAIN SORGHUM	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 56.91	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		36.41	_____
EQUIPMENT		ACRE		9.55	_____
LAND---NET SHARE-RENT		ACRE		48.20	_____
TOTAL FIXED COSTS		ACRE		\$ 94.16	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 226.60	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 5.65/CWT.	GRAIN SORGHUM	
6. NET PROJECTED RETURNS		ACRE		\$ -37.25	\$ _____

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.

1054

GRAIN SORGHUM, DRYLAND, TEXAS MIDDLE 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
SHREDDER 4R	4,91	SEPT	1.00	0.208	0.158	1.21	1.05	0.0	3.04	5.31
DISK TANDEM	3,35	SEPT	1.00	0.150	0.114	1.32	0.76	0.0	2.52	4.59
BEDDER	4,59	SEPT	1.00	0.340	0.258	1.85	1.72	0.0	4.24	7.82
DISK TANDEM	3,35	NOV	0.25	0.038	0.028	0.33	0.19	0.0	0.63	1.15
BEDDER	4,59	NOV	1.00	0.340	0.258	1.85	1.72	0.0	4.24	7.82
FIELD CULTIVATOR	3,67	DEC	1.00	0.153	0.116	1.12	0.77	0.0	1.91	3.80
BEDDER	4,59	JAN	1.00	0.340	0.258	1.85	1.72	0.0	4.24	7.82
BEDDER	4,59	FEB	1.00	0.340	0.258	1.85	1.72	0.0	4.24	7.82
SPIKE T HARROW	5,33	MAR	1.00	0.183	0.139	0.50	0.93	0.0	1.37	2.79
BED PLANTER	4,43	MAR	0.75	0.290	0.220	1.67	1.47	6.48	3.98	13.59
CULTIPACKER	5,87	MAR	0.75	0.115	0.087	0.31	0.58	0.0	0.89	1.78
CULTIVATOR 4R	4,57	MAR	1.00	0.209	0.159	1.10	1.06	0.0	2.71	4.87
BED PLANTER	4,43	APR	0.25	0.097	0.073	0.56	0.49	0.0	1.33	2.37
CULTIPACKER	5,87	APR	0.25	0.038	0.029	0.10	0.19	0.0	0.30	0.59
CULTIVATOR 4R	4,57	APR	1.00	0.209	0.159	1.10	1.06	0.0	2.71	4.87
CULTIVATOR 4R	4,57	MAY	1.00	0.209	0.159	1.10	1.06	0.0	2.71	4.87
TOTALS				3.262	2.471	17.82	16.51	6.48	41.07	81.88

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 GRAIN SORGHUM (DOLLARS)				
	3.67	4.13	4.59	5.05	5.51
28.00	-27.23	-18.62	-10.01	-1.40	7.21
31.50	-20.02	-10.34	-0.65	9.04	18.72
35.00	-12.82	-2.06	8.71	19.47	30.24
38.50	-5.61	6.23	18.07	29.91	41.75
42.00	1.59	14.51	27.42	40.34	53.26

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

1055

RICE, IRRIGATED, TEXAS MIDDLE 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	42.57	CWT.	10.00	425.70	_____
2ND CROP	4.67	CWT.	10.00	46.70	_____
TOTAL PROJECTED RETURNS				\$ 472.40	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*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		4.07	_____
EQUIPMENT		ACRE		3.00	_____
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	46.83	DOL.	0.120	5.62	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 299.03	\$ _____
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		0.74	_____
EQUIPMENT		ACRE		2.71	_____
LABOR-----MACHINERY	2.11	HOUR	5.06	10.68	_____
SUBTOTAL, HARVEST		ACRE		\$ 83.66	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 382.69	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 7.89/CWT.	1ST CROP	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 89.71	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		39.33	_____
EQUIPMENT		ACRE		58.61	_____
IRRIGATION		ACRE		25.88	_____
LAND---NET SHARE-RENT		ACRE		97.77	_____
TOTAL FIXED COSTS		ACRE		\$ 221.59	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 604.28	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 13.10/CWT.	1ST CROP	
6. NET PROJECTED RETURNS		ACRE		\$ -131.88	\$ _____

RENTAL RATES ARE AVERAGE REPORTED FROM USDA COST SURVEY
 SECOND CROP RICE 75% 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.

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RICE, IRRIGATED, TEXAS MIDDLE 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
OFF SET DISK	1,50	NOV	1.00	0.195	0.148	2.39	0.99	0.0	4.23	7.61
DISK TANDEM	2,35	DEC	1.00	0.150	0.114	1.60	0.76	0.0	2.55	4.90
FIELD CULTIVATOR	1,70	DEC	1.00	0.077	0.058	0.82	0.39	0.0	2.18	3.39
LAND PLANE6	1,56	DEC	1.00	0.242	0.183	2.63	1.22	0.0	4.60	8.46
DISK TANDEM	2,35	MAR	0.50	0.075	0.057	0.80	0.38	0.0	1.27	2.45
SPRNG T HARROW	2,31	MAR	0.50	0.092	0.069	0.83	0.46	0.0	1.11	2.40
FIELD CULTIVATOR	1,70	MAR	1.00	0.077	0.058	0.82	0.39	0.0	2.18	3.39
LAND PLANE6	1,56	MAR	0.75	0.181	0.137	1.98	0.92	0.0	3.45	6.34
LEVEE PLOW	2,66	MAR	2.00	0.590	0.447	5.31	2.99	0.0	6.98	15.28
BLADE (DOZER)	4,30	MAR	1.00	0.332	0.252	2.07	1.68	0.0	4.40	8.15
BLADE (DOZER)	4,30	AUG	0.25	0.083	0.063	0.52	0.42	0.0	1.10	2.04
COMBINE - RICE	17	AUG	1.00	0.641	0.513	6.28	3.25	0.0	25.32	34.84
GRAIN CART	4,92	AUG	1.00	0.564	0.428	2.73	2.86	0.0	6.94	12.52
OFF SET DISK	1,50	OCT	0.50	0.098	0.074	1.20	0.49	0.0	2.12	3.81
COMBINE - RICE	17	OCT	0.75	0.481	0.385	4.71	2.43	0.0	18.99	26.13
GRAIN CART	4,92	OCT	0.75	0.423	0.321	2.05	2.14	0.0	5.20	9.39
TOTALS				4.302	3.307	36.73	21.77	0.0	92.62	151.12

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

CWT.	PRICE OF 1ST CROP (DOLLARS)				
	8.00	9.00	10.00	11.00	12.00
34.06	-93.85	-73.08	-52.31	-31.53	-10.76
38.31	-76.92	-53.55	-30.18	-6.81	16.56
42.57	-59.99	-34.02	-8.06	17.91	43.88
46.83	-43.06	-14.50	14.07	42.63	71.20
51.08	-26.13	5.03	36.19	67.35	98.52

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

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RICE, IRRIGATED, TEXAS MIDDLE 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	9.70	CWT.	10.00	97.00	_____
TOTAL PROJECTED RETURNS				\$ 567.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*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		4.07	_____
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	-3.97	DOL.	0.120	-0.48	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 365.04	\$ _____
HARVEST COSTS					
FUEL & LUBE--TRACTOR		ACRE		3.91	_____
EQUIPMENT		ACRE		5.69	_____
REPAIRS-----TRACTOR		ACRE		0.74	_____
EQUIPMENT		ACRE		2.71	_____
LABOR-----MACHINERY	2.11	HOUR	5.06	10.68	_____
SUBTOTAL, HARVEST		ACRE		\$ 23.73	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 388.76	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 6.21/CWT.		1ST CROP
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 178.24	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		39.33	_____
EQUIPMENT		ACRE		57.69	_____
IRRIGATION		ACRE		25.88	_____
LAND---NET SHARE-RENT		ACRE		89.36	_____
TOTAL FIXED COSTS		ACRE		\$ 212.26	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 601.02	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 10.72/CWT.		1ST CROP
6. NET PROJECTED RETURNS		ACRE		\$ -34.02	\$ _____

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

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RICE, IRRIGATED, TEXAS MIDDLE 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
OFF SET DISK	1,50	NOV	1.00	0.195	0.148	2.39	0.99	0.0	4.23	7.61
DISK TANDEM	2,35	DEC	1.00	0.150	0.114	1.60	0.76	0.0	2.55	4.90
FIELD CULTIVATOR	1,70	DEC	1.00	0.077	0.058	0.82	0.39	0.0	2.18	3.39
LAND PLANE6	1,56	DEC	1.00	0.242	0.183	2.63	1.22	0.0	4.60	8.46
DISK TANDEM	2,35	MAR	0.50	0.075	0.057	0.80	0.38	0.0	1.27	2.45
SPRNG T HARROW	2,31	MAR	0.50	0.092	0.069	0.83	0.46	0.0	1.11	2.40
FIELD CULTIVATOR	1,70	MAR	1.00	0.077	0.058	0.82	0.39	0.0	2.18	3.39
LAND PLANE6	1,56	MAR	0.75	0.181	0.137	1.98	0.92	0.0	3.45	6.34
LEVEE PLOW	2,66	MAR	2.00	0.590	0.447	5.31	2.99	0.0	6.98	15.28
BLADE (DOZER)	4,30	MAR	1.00	0.332	0.252	2.07	1.68	0.0	4.40	8.15
BLADE (DOZER)	4,30	AUG	0.25	0.083	0.063	0.52	0.42	0.0	1.10	2.04
COMBINE - RICE	17	AUG	1.00	0.641	0.513	6.28	3.25	0.0	25.32	34.84
GRAIN CART	4,92	AUG	1.00	0.564	0.428	2.73	2.86	0.0	6.94	12.52
OFF SET DISK	1,50	OCT	0.50	0.098	0.074	1.20	0.49	0.0	2.12	3.81
COMBINE - RICE	17	OCT	0.75	0.481	0.385	4.71	2.43	0.0	18.99	26.13
GRAIN CART	4,92	OCT	0.75	0.423	0.321	2.05	2.14	0.0	5.20	9.39
TOTALS				4.302	3.307	36.73	21.77	0.0	92.62	151.12

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

QUANTITY OF 1ST CROP	CWT.	PRICE OF 1ST CROP (DOLLARS)				
		8.00	9.00	10.00	11.00	12.00
	37.60	-14.01	8.85	31.71	54.58	77.44
	42.30	8.85	34.57	60.30	86.02	111.74
	47.00	31.71	60.30	88.88	117.46	146.04
	51.70	54.58	86.02	117.46	148.90	180.33
	56.40	77.44	111.74	146.04	180.33	214.63

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

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SOYBEANS, DRYLAND, TEXAS MIDDLE 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	21.00	BU.	6.00	126.00	_____
TOTAL PROJECTED RETURNS				\$ 126.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
*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		3.29	_____
EQUIPMENT		ACRE		3.57	_____
LABOR-----MACHINERY	2.74	HOUR	5.06	13.86	_____
EQUIPMENT	1.47	HOUR	4.50	6.61	_____
OPERATING CAPITAL	32.75	DOL.	0.120	3.93	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 102.74	\$ _____
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		0.88	_____
EQUIPMENT		ACRE		1.25	_____
LABOR-----MACHINERY	0.94	HOUR	5.06	4.75	_____
SUBTOTAL, HARVEST		ACRE		\$ 21.41	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 124.15	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 5.91/BU.	SOYBEANS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 1.85	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		36.89	_____
EQUIPMENT		ACRE		25.70	_____
LAND---NET SHARE-RENT		ACRE		16.90	_____
TOTAL FIXED COSTS		ACRE		\$ 79.49	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 203.64	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 9.70/BU.	SOYBEANS	
6. NET PROJECTED RETURNS		ACRE		\$ -77.64	\$ _____

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.

1057

SOYBEANS, DRYLAND, TEXAS MIDDLE 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
OFF SET DISK	3,50	DEC	2.00	0.390	0.296	3.54	1.98	0.0	6.92	12.44
ROLLING CULT	3,58	DEC	1.00	0.191	0.145	1.52	0.97	0.0	2.53	5.02
ROLLING CULT	3,58	JAN	1.00	0.191	0.145	1.52	0.97	0.0	2.53	5.02
DISK TANDEM	3,34	JAN	1.00	0.193	0.146	1.52	0.98	0.0	2.70	5.20
DISK TANDEM	3,34	FEB	1.00	0.193	0.146	1.52	0.98	0.0	2.70	5.20
ROLLING CULT	3,58	MAY	2.00	0.382	0.289	3.05	1.93	0.0	5.06	10.04
SPIKE T HARROW	4,33	MAY	1.00	0.183	0.139	0.89	0.93	0.0	2.26	4.07
PLANTER 6R	4,52	MAY	1.00	0.189	0.143	1.36	0.96	12.60	3.55	18.46
CULTIPACKER	4,76	MAY	1.00	0.198	0.150	1.00	1.00	0.0	2.57	4.57
CULTIVATOR 4R	4,57	JUNE	2.00	0.419	0.317	2.19	2.12	0.0	5.43	9.74
CULTIVATOR 4R	4,57	JULY	1.00	0.209	0.159	1.10	1.06	0.0	2.71	4.87
COMBINE - SB	18	NOV	1.00	0.374	0.299	3.98	1.89	0.0	13.27	19.14
GRAIN CART	3,92	NOV	1.00	0.564	0.428	3.93	2.86	0.0	6.41	13.20
TOTALS				3.677	2.802	27.13	18.61	12.60	58.64	116.98

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
16.80 BU.	-52.28	-43.61	-34.94	-26.27	-17.61
18.90	-44.50	-34.75	-25.00	-15.25	-5.49
21.00	-36.73	-25.89	-15.06	-4.22	6.62
23.10	-28.95	-17.03	-5.11	6.81	18.73
25.20	-21.18	-8.17	4.83	17.83	30.84

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

1058

SOYBEANS, DRYLAND, TEXAS MIDDLE 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	30.00	BU.	6.00	180.00	
TOTAL PROJECTED RETURNS				\$ 180.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SOYBEAN SEED	60.00	LB.	0.21	12.60	_____
N & P & K	0.50	ACRE	21.75	10.88	_____
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		4.16	_____
EQUIPMENT		ACRE		4.83	_____
LABOR-----MACHINERY	3.68	HOUR	5.06	18.61	_____
EQUIPMENT	1.47	HOUR	4.50	6.61	_____
OPERATING CAPITAL	34.65	DOL.	0.120	4.16	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 117.56	\$ _____
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		\$ 131.36	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 4.38/BU.	SOYBEANS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 48.64	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		36.89	_____
EQUIPMENT		ACRE		25.70	_____
LAND---NET SHARE-RENT		ACRE		24.15	_____
TOTAL FIXED COSTS		ACRE		\$ 86.74	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 218.10	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 7.27/BU.	SOYBEANS	
6. NET PROJECTED RETURNS		ACRE		\$ -38.10	\$ _____

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.

1058

SOYBEANS, DRYLAND, TEXAS MIDDLE 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
OFF SET DISK	3,50	DEC	2.00	0.390	0.296	3.54	1.98	0.0	6.92	12.44
ROLLING CULT	3,58	DEC	1.00	0.191	0.145	1.52	0.97	0.0	2.53	5.02
ROLLING CULT	3,58	JAN	1.00	0.191	0.145	1.52	0.97	0.0	2.53	5.02
DISK TANDEM	3,34	JAN	1.00	0.193	0.146	1.52	0.98	0.0	2.70	5.20
DISK TANDEM	3,34	FEB	1.00	0.193	0.146	1.52	0.98	0.0	2.70	5.20
ROLLING CULT	3,58	MAY	2.00	0.382	0.289	3.05	1.93	0.0	5.06	10.04
SPIKE T HARROW	4,33	MAY	1.00	0.183	0.139	0.89	0.93	0.0	2.26	4.07
PLANTER 6R	4,52	MAY	1.00	0.189	0.143	1.36	0.96	12.60	3.55	18.46
CULTIPACKER	4,76	MAY	1.00	0.198	0.150	1.00	1.00	0.0	2.57	4.57
CULTIVATOR 4R	4,57	JUNE	2.00	0.419	0.317	2.19	2.12	0.0	5.43	9.74
CULTIVATOR 4R	4,57	JULY	1.00	0.209	0.159	1.10	1.06	0.0	2.71	4.87
COMBINE - SB	18	NOV	1.00	0.374	0.299	3.98	1.89	0.0	13.27	19.14
GRAIN CART	3,92	NOV	1.00	0.564	0.428	3.93	2.86	0.0	6.41	13.20
TOTALS				3.677	2.802	27.13	18.61	12.60	58.64	116.98

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	BU.	PRICE OF SOYBEANS (DOLLARS)				
		4.80	5.40	6.00	6.60	7.20
24.00		-28.69	-16.30	-3.92	8.46	20.85
27.00		-17.58	-3.65	10.29	24.22	38.15
30.00		-6.47	9.01	24.49	39.97	55.45
33.00		4.64	21.67	38.70	55.72	72.75
36.00		15.75	34.32	52.90	71.48	90.05

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 DOTHER	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.	HOUREY 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 MH 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 (7M)	7.	70.0	16018.	4.5	0.88	1.20	0.	1.70	600.	10.	0.68	0.92	13893.	3.	10000.	70.
TRACTOR (8H)	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.
SPRING 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	3556.	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.

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