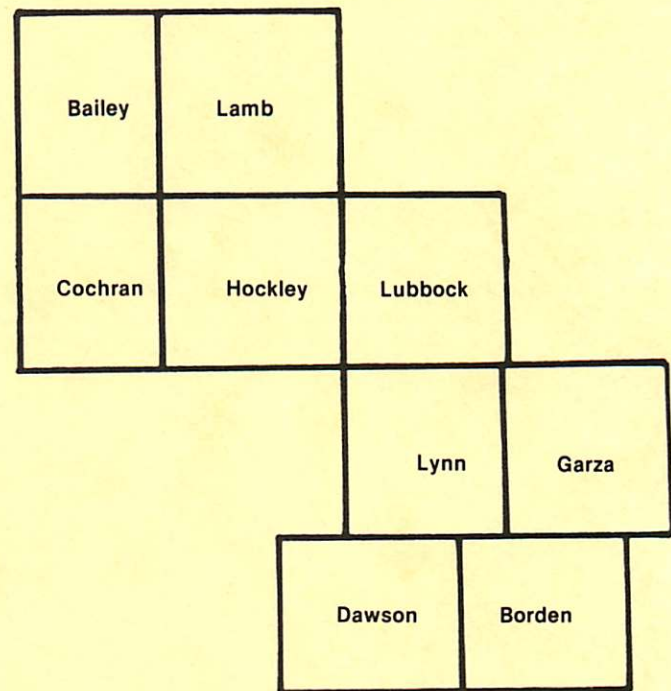
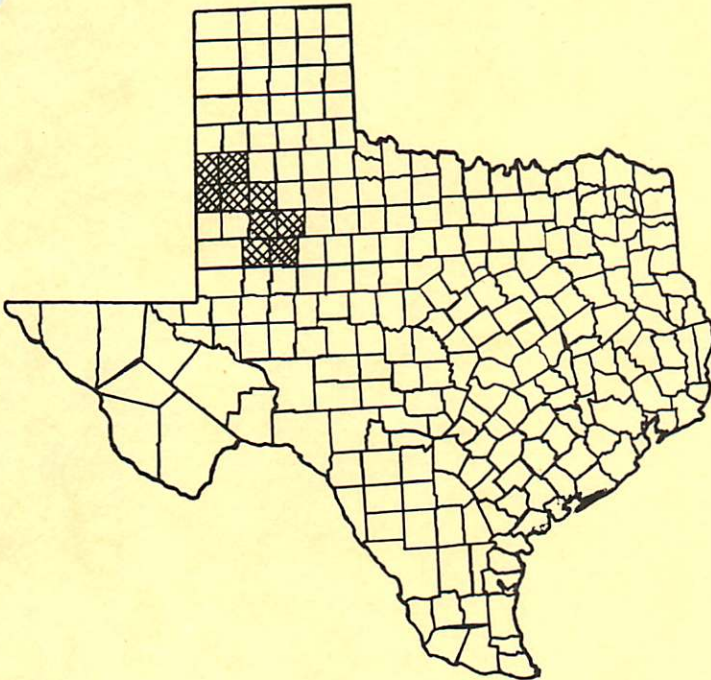


TEXAS HIGH PLAINS III

SOIL RESOURCE AREA 3



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

Zerle L. Carpenter, Director . College Station, Texas

TEXAS ENTERPRISE BUDGETS

TEXAS HIGH PLAINS III REGION

Projected for 1983

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ALFALFA ESTAB., IRRIGATED, TEXAS HIGH PLAINS III REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
FURROW IRRIGATION SYSTEM

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
TOTAL PROJECTED RETURNS				\$ 0.0	\$ _____
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*ALFALFA SEED	22.00	LB.	1.70	37.40	_____
*NITROGEN	20.00	LB.	0.21	4.20	_____
*PHOSPHATE	100.00	LB.	0.21	21.00	_____
FERTILIZER APPLI	1.00	ACRE	2.00	2.00	_____
IRRIGATION WATER	17.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		6.35	_____
EQUIPMENT		ACRE		0.93	_____
IRRIGATION		ACRE		36.55	_____
REPAIRS-----TRACTOR		ACRE		1.61	_____
EQUIPMENT		ACRE		2.23	_____
IRRIGATION		ACRE		5.10	_____
LABOR-----MACHINERY	0.92	HOUR	5.00	4.60	_____
IRRIGATION	1.70	HOUR	5.00	8.50	_____
EQUIPMENT	0.42	HOUR	3.50	1.47	_____
OPERATING CAPITAL	45.67	DOL.	0.120	5.48	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 137.42	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 137.42	\$ _____
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -137.42	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		8.63	_____
EQUIPMENT		ACRE		5.95	_____
LAND-CASH RENT	1.00	ACRE	60.00	60.00	_____
IRR EQUIP (50%)	17.00	ACIN	1.00	17.00	_____
TOTAL FIXED COSTS		ACRE		\$ 91.58	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 229.00	\$ _____
6. NET PROJECTED RETURNS		ACRE		\$ -229.00	\$ _____

LAND CHARGE BASED ON \$60/ACRE LESS 50% OF IRRIG FIXED COST.

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(C 3)

ALFALFA ESTAB., IRRIGATED, TEXAS HIGH PLAINS III REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
FURROW IRRIGATION SYSTEM

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
MLBD ROLLOVER	2,46	JUNE	1.00	0.571	0.432	6.29	2.85	0.0	7.95	17.09
PACKER	53	JUNE	1.00	0.0	0.206	0.03	0.0	0.0	0.09	0.13
TANDEM DISC	2,40	AUG	1.00	0.208	0.158	2.01	1.04	0.0	2.64	5.69
GRAIN DRILL	2,58	AUG	0.50	0.140	0.106	1.41	0.70	37.40	2.03	41.54
GRAIN DRILL	58	AUG	0.50	0.0	0.106	0.30	0.0	0.0	0.72	1.02
TOTALS				0.919	1.009	10.04	4.60	37.40	13.43	65.47

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	AUG	7.00	0.700	0.0	17.15	3.50	0.0	7.00	27.65
WATER APPLICATION	SEPT	5.00	0.500	0.0	12.25	2.50	0.0	5.00	19.75
WATER APPLICATION	NOV	5.00	0.500	0.0	12.25	2.50	0.0	5.00	19.75
TOTALS		17.00	1.700	0.0	41.65	8.50	0.0	17.00	67.15

ALFALFA, IRRIGATED, TEXAS HIGH PLAINS III REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
FURROW IRRIGATION SYSTEM

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR
			\$/UNIT	VALUE	ESTIMATE
1. GROSS RECEIPTS					
ALFALFA HAY	5.10	TON	50.00	255.00	
TOTAL PROJECTED RETURNS				\$ 255.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*PHOSPHATE	80.00	LB.	0.21	16.80	
FERTILIZER APPLI	1.00	ACRE	2.00	2.00	
IRRIGATION WATER	40.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		1.54	
IRRIGATION		ACRE		86.00	
REPAIRS-----TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		0.25	
IRRIGATION		ACRE		12.00	
LABOR-----MACHINERY	0.0	HOUR	5.00	0.0	
IRRIGATION	4.00	HOUR	5.00	20.00	
EQUIPMENT	0.70	HOUR	3.50	2.45	
OPERATING CAPITAL	-21.80	DOL.	0.120	-2.62	
SUBTOTAL, PREHARVEST		ACRE		\$ 138.43	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$
TOTAL VARIABLE COSTS		ACRE		\$ 138.43	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 27.14/TON	ALFALFA HAY	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 116.57	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		1.91	
LAND-CASH RENT	1.00	ACRE	60.00	60.00	
IRR EQUIP (50%)	40.00	ACIN	1.00	40.00	
PRORATED ESTABL.	229.00	DOL.	0.14	32.71	
TOTAL FIXED COSTS		ACRE		\$ 134.62	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 273.05	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 53.54/TON	ALFALFA HAY	
6. NET PROJECTED RETURNS		ACRE		\$ -18.05	\$

LAND CHARGE BASED ON \$60/ACRE LESS 50 PCT. OF IRRIG. FIXED COSTS.
ESTABLISHMENT COST PRORATED OVER 7 YEARS. CROP SOLD STANDING IN FIELD.

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B-1241(C 3)

ALFALFA, IRRIGATED, TEXAS HIGH PLAINS III REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
FURROW IRRIGATION SYSTEM

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. MACH INPUT FIXED COSTS COSTS	TOTAL OPER. COST
TOTALS				0.0	0.0	0.0	0.0	0.0 0.0	0.0

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. IRRIG INPUT FIXED COSTS COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	MAR	4.00	0.400	0.0	9.80	2.00	0.0 4.00	15.80
WATER APPLICATION	APR	4.00	0.400	0.0	9.80	2.00	0.0 4.00	15.80
WATER APPLICATION	MAY	4.00	0.400	0.0	9.80	2.00	0.0 4.00	15.80
WATER APPLICATION	JUNE	8.00	0.800	0.0	19.60	4.00	0.0 8.00	31.60
WATER APPLICATION	JULY	8.00	0.800	0.0	19.60	4.00	0.0 8.00	31.60
WATER APPLICATION	AUG	8.00	0.800	0.0	19.60	4.00	0.0 8.00	31.60
WATER APPLICATION	SEPT	4.00	0.400	0.0	9.80	2.00	0.0 4.00	15.80
TOTALS		40.00	4.000	0.0	98.00	20.00	0.0 40.00	158.00

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 ALFALFA HAY
(DOLLARS)

		40.00	45.00	50.00	55.00	60.00
QUANTITY OF ALFALFA HAY	TON					
	4.08	24.77	45.17	65.57	85.97	106.37
	4.59	45.17	68.12	91.07	114.02	136.97
	5.10	65.57	91.07	116.57	142.07	167.57
	5.61	85.97	114.02	142.07	170.12	198.17
	6.12	106.37	136.97	167.57	198.17	228.77

CORN, IRRIGATED, TEXAS HIGH PLAINS III REGION
 1983 PROJECTED COSTS AND RETURNS PER ACRE
 FURROW IRRIGATION SYSTEM

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
CORN	130.00	BU.	2.52	327.60	_____
DEFICIENCY PMT.	130.00	BU.	0.21	27.30	_____
TOTAL PROJECTED RETURNS				\$ 354.90	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SEED CORN/GRAIN	1.00	ACRE	12.00	12.00	_____
INSECTICIDE	1.00	ACRE	15.00	15.00	_____
*NITROGEN	160.00	LB.	0.21	33.60	_____
*PHOSPHATE	40.00	LB.	0.21	8.40	_____
FERTILIZER APPLI	1.00	ACRE	2.00	2.00	_____
*HERBICIDE	1.00	ACRE	5.50	5.50	_____
IRRIGATION WATER	27.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		20.14	_____
EQUIPMENT		ACRE		2.47	_____
IRRIGATION		ACRE		58.05	_____
REPAIRS-----TRACTOR		ACRE		4.67	_____
EQUIPMENT		ACRE		2.89	_____
IRRIGATION		ACRE		8.10	_____
LABOR-----MACHINERY	2.88	HOUR	5.00	14.42	_____
IRRIGATION	2.70	HOUR	5.00	13.50	_____
EQUIPMENT	1.12	HOUR	3.50	3.92	_____
OPERATING CAPITAL	84.22	DOL.	0.120	10.11	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 214.77	\$ _____
HARVEST COSTS					
CUSTOM HARVEST	130.00	BU.	0.30	39.00	_____
HAUL CORN	130.00	BU.	0.20	26.00	_____
CUSTOM DRYING	130.00	BU.	0.12	15.60	_____
SUBTOTAL, HARVEST		ACRE		\$ 80.60	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 295.37	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 2.06/BU.	CORN	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 59.53	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		29.38	_____
EQUIPMENT		ACRE		11.43	_____
LAND---NET SHARE-RENT		ACRE		57.82	_____
IRRIG. EQUIP.	27.00	ACIN	2.00	54.00	_____
TOTAL FIXED COSTS		ACRE		\$ 152.63	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 448.00	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 3.24/BU.	CORN	
6. NET PROJECTED RETURNS		ACRE		\$ -93.10	\$ _____

LAND CHARGE BASED ON LANDLORD'S SHARE OF GROSS, 25% LESS 25% OF DRYING
 AND 50% OF IRRIG FIXED COST. PRICE BASED ON LOAN RATE ADJUSTED FOR
 STORAGE. DEFICIENCY PAYMENT BASED ON COMPLIANCE WITH GOVT SET ASIDE PROG

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 EXTENSION SERVICE AND APPROVED FOR PUBLICATION.

CORN, IRRIGATED, TEXAS HIGH PLAINS III REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
FURROW IRRIGATION SYSTEM

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	2,57	DEC	1.00	0.277	0.210	2.55	1.38	0.0	3.73	7.66
TANDEM DISC	2,40	DEC	2.00	0.417	0.316	4.02	2.08	0.0	5.28	11.38
MLBD ROLLOVER	1,46	JAN	1.00	0.571	0.432	7.10	2.85	0.0	9.84	19.79
PACKER	53	JAN	1.00	0.0	0.206	0.03	0.0	0.0	0.09	0.13
TANDEM DISC	2,40	FEB	1.00	0.208	0.158	2.01	1.04	0.0	2.64	5.69
BOX FLOAT	3,60	MAR	2.00	0.864	0.655	6.03	4.32	0.0	8.69	19.04
LISTER 6R	1,54	APR	1.00	0.151	0.115	1.60	0.76	0.0	2.14	4.50
BED PLANTER6R	2,38	APR	1.00	0.202	0.153	2.04	1.01	12.00	2.89	17.93
HERB SPR/DISC	61	APR	1.00	0.0	0.158	0.01	0.0	5.50	0.16	5.67
ROLLING CULT	2,30	MAY	1.00	0.194	0.147	1.91	0.97	0.0	2.30	5.18
TOTALS				2.884	2.549	27.30	14.42	17.50	37.75	96.97

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	7.00	0.700	0.0	17.15	3.50	0.0	14.00	34.65
WATER APPLICATION	MAY	5.00	0.500	0.0	12.25	2.50	0.0	10.00	24.75
WATER APPLICATION	JUNE	5.00	0.500	0.0	12.25	2.50	0.0	10.00	24.75
WATER APPLICATION	JULY	5.00	0.500	0.0	12.25	2.50	0.0	10.00	24.75
WATER APPLICATION	AUG	5.00	0.500	0.0	12.25	2.50	0.0	10.00	24.75
TOTALS		27.00	2.700	0.0	66.15	13.50	0.0	54.00	133.65

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 CORN (DOLLARS)				
		2.02	2.27	2.52	2.77	3.02
QUANTITY OF CORN	BU.					
	104.00	-75.50	-55.84	-36.19	-16.53	3.13
	117.00	-61.46	-39.35	-17.24	4.87	26.99
	130.00	-47.43	-22.86	1.71	26.28	50.85
	143.00	-33.40	-6.37	20.66	47.68	74.71
	156.00	-19.36	10.12	39.60	69.09	98.57

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

COTTON, DRYLAND, TEXAS HIGH PLAINS III REGION
 1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
COTTON LINT	230.00	LB.	0.48	110.40	_____
COTTONSEED	0.19	TON	90.00	16.78	_____
DEFICIENCY PMT.	230.00	LB.	0.21	48.30	_____
TOTAL PROJECTED RETURNS				\$ 175.48	\$ _____
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*SD COTTON-UPLAND	15.00	LB.	0.45	6.75	_____
*HERBICIDE	1.00	ACRE	6.00	6.00	_____
HAIL INSURANCE	85.00	DOL.	0.15	12.75	_____
*NITROGEN	20.00	LB.	0.21	4.20	_____
*PHOSPHATE	20.00	LB.	0.21	4.20	_____
FERTILIZER APPLI	1.00	ACRE	2.00	2.00	_____
FUEL & LUBE--TRACTOR		ACRE		12.45	_____
EQUIPMENT		ACRE		2.16	_____
REPAIRS-----TRACTOR		ACRE		2.85	_____
EQUIPMENT		ACRE		1.91	_____
LABOR-----MACHINERY	1.97	HOUR	5.00	9.83	_____
EQUIPMENT	0.98	HOUR	3.50	3.43	_____
OTHER	2.00	HOUR	3.50	7.00	_____
OPERATING CAPITAL	31.33	DOL.	0.120	3.76	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 79.29	\$ _____
HARVEST COSTS					
GIN,BAG, TIES	12.60	CWT.	2.25	28.35	_____
CUSTOM HARV&HAUL	12.60	CWT.	1.75	22.05	_____
SUBTOTAL, HARVEST		ACRE		\$ 50.40	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 129.69	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.28/LB.	COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 45.79	\$ _____
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		19.07	_____
EQUIPMENT		ACRE		10.79	_____
LAND---NET SHARE-RENT		ACRE		36.78	_____
TOTAL FIXED COSTS		ACRE		\$ 66.64	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 196.33	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 0.57/LB.	COTTON LINT	
6. NET PROJECTED RETURNS		ACRE		\$ -20.85	\$ _____

LAND (NET RENT) BASED ON 1/4 OF GROSS LESS 1/4 OF GINNING, BAGGING, AND TIES. PRICE BASED ON LOAN RATE ADJUSTED FOR QUALITY. DEFICIENCY PAYMENT BASED ON COMPLIANCE WITH GOV'T SET ASIDE PROGRAM.

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COTTON, DRYLAND, TEXAS HIGH PLAINS III REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. MACH INPUT FIXED COSTS COSTS	TOTAL OPER. COST
SHREDDER 2R	3,56	DEC	1.00	0.557	0.422	3.95	2.79	0.0 5.93	12.66
TANDEM DISC	2,40	DEC	1.00	0.208	0.158	2.01	1.04	0.0 2.64	5.69
MOLDBOARD 6B	1,47	FEB	1.00	0.378	0.286	4.39	1.89	0.0 7.42	13.70
PACKER	53	FEB	1.00	0.0	0.206	0.03	0.0	0.0 0.09	0.13
TANDEM DISC	2,40	MAR	1.00	0.208	0.158	2.01	1.04	0.0 2.64	5.69
HERB SPR/DISC	61	MAR	1.00	0.0	0.158	0.01	0.0	6.00 0.16	6.17
LISTER-PLNT6R	2,36	MAY	1.00	0.151	0.115	1.49	0.76	6.75 2.07	11.07
SAND FIGHTER	5,51	JUNE	2.00	0.151	0.115	0.54	0.76	0.0 1.08	2.37
CULTIVATOR 8R	3,34	JUNE	2.00	0.312	0.236	2.43	1.56	0.0 5.15	9.14
TOTALS				1.966	1.854	16.86	9.83	12.75 27.18	66.62

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.	0.38 0.43 0.48 0.53 0.58				
184.00	-21.90	-15.27	-8.65	-2.03	4.60
207.00	-14.72	-7.27	0.18	7.63	15.08
230.00	-7.55	0.73	9.01	17.29	25.57
253.00	-0.38	8.73	17.84	26.95	36.06
276.00	6.80	16.73	26.67	36.61	46.54

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

COTTON, IRRIGATED, TEXAS HIGH PLAINS III REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
PREPLANT PLUS ONE POSTPLANT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
COTTON LINT	400.00	LB.	0.48	192.00	
COTTONSEED	0.32	TON	90.00	28.80	
DEFICIENCY PMT.	400.00	LB.	0.21	84.00	
TOTAL PROJECTED RETURNS				\$ 304.80	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*SD COTTON-UPLAND	20.00	LB.	0.45	9.00	
*NITROGEN	40.00	LB.	0.21	8.40	
*PHOSPHATE	20.00	LB.	0.21	4.20	
*HERBICIDE	1.00	ACRE	6.00	6.00	
FERTILIZER APPLI	1.00	ACRE	2.00	2.00	
HAIL INSURANCE	125.00	DOL.	0.15	18.75	
IRRIGATION WATER	12.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		13.19	
EQUIPMENT		ACRE		2.16	
IRRIGATION		ACRE		25.80	
REPAIRS-----TRACTOR		ACRE		2.93	
EQUIPMENT		ACRE		2.63	
IRRIGATION		ACRE		3.60	
LABOR-----MACHINERY	1.90	HOUR	5.00	9.50	
IRRIGATION	1.20	HOUR	5.00	6.00	
EQUIPMENT	0.98	HOUR	3.50	3.43	
OTHER	3.00	HOUR	3.50	10.50	
OPERATING CAPITAL	48.64	DOL.	0.120	5.84	
SUBTOTAL, PREHARVEST		ACRE		\$ 133.92	\$
HARVEST COSTS					
GIN,BAG, TIES	22.00	CWT.	2.25	49.50	
CUSTOM HARV&HAUL	22.00	CWT.	1.75	38.50	
SUBTOTAL, HARVEST		ACRE		\$ 88.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 221.92	\$
BREAK-EVEN PRICE, VARIABLE COSTS		\$ 0.27/LB.		COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 82.88	\$
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		19.91	
EQUIPMENT		ACRE		11.47	
LAND---NET SHARE-RENT		ACRE		48.67	
IRRIG. EQUIP.	12.00	ACIN	2.00	24.00	
TOTAL FIXED COSTS		ACRE		\$ 104.05	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 325.97	\$
BREAK-EVEN PRICE, TOTAL COSTS		\$ 0.53/LB.		COTTON LINT	
6. NET PROJECTED RETURNS		ACRE		\$ -21.17	\$

LAND CHARGE BASED ON 1/4 OF G ROSS LESS 1/4 OF FERT, GINNING AND 50% OF IRRIG FIXED COST. 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.

COTTON, IRRIGATED, TEXAS HIGH PLAINS III REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
PREPLANT PLUS ONE POSTPLANT

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	2,57	DEC	1.00	0.277	0.210	2.55	1.38	0.0	3.73	7.66
TANDEM DISC	1,41	DEC	1.00	0.146	0.110	1.69	0.73	0.0	2.67	5.09
MOLDBOARD 6B	1,47	JAN	0.50	0.189	0.143	2.19	0.95	0.0	3.71	6.85
PACKER	53	JAN	0.50	0.0	0.103	0.02	0.0	0.0	0.05	0.06
CHISEL	1,44	JAN	0.50	0.066	0.050	0.79	0.33	0.0	1.12	2.24
TANDEM DISC	1,41	FEB	1.00	0.146	0.110	1.69	0.73	0.0	2.67	5.09
HERB SPR/DISC	61	MAR	1.00	0.0	0.158	0.01	0.0	6.00	0.16	6.17
TANDEM DISC	1,41	MAR	1.00	0.146	0.110	1.69	0.73	0.0	2.67	5.09
LISTER 8R	1,55	APR	1.00	0.114	0.086	1.23	0.57	0.0	1.70	3.50
ROLLING CULT	3,31	MAY	1.00	0.146	0.111	1.20	0.73	0.0	1.87	3.80
BED PLANTER8R	2,39	MAY	1.50	0.227	0.172	2.38	1.14	9.00	3.55	16.07
SAND FIGHTER	5,51	JUNE	2.00	0.151	0.115	0.54	0.76	0.0	1.08	2.37
ROLLING CULT	3,31	JUNE	2.00	0.292	0.222	2.40	1.46	0.0	3.74	7.61
TOTALS				1.900	1.700	18.40	9.50	15.00	28.70	71.59

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	APR	7.00	0.700	0.0	17.15	3.50	0.0	14.00	34.65
WATER APPLICATION	JULY	5.00	0.500	0.0	12.25	2.50	0.0	10.00	24.75
TOTALS		12.00	1.200	0.0	29.40	6.00	0.0	24.00	59.40

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.	0.38	0.43	0.48	0.53	0.58
320.00	-19.43	-7.91	3.61	15.13	26.65
360.00	-7.02	5.94	18.90	31.86	44.82
400.00	5.40	19.80	34.20	48.60	63.00
440.00	17.82	33.66	49.50	65.34	81.18
480.00	30.24	47.52	64.80	82.08	99.36

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

GRAIN SORGHUM, DRYLAND, TEXAS HIGH PLAINS III REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
GRAIN SORGHUM	16.50	CWT.	4.19	69.13	_____
DEFICIENCY PMT.	16.50	CWT.	0.36	5.94	_____
TOTAL PROJECTED RETURNS				\$ 75.07	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*GRAIN SORG. SEED	3.75	LB.	0.50	1.88	_____
*NITROGEN	20.00	LB.	0.21	4.20	_____
*PHOSPHATE	20.00	LB.	0.21	4.20	_____
FERTILIZER APPLI	1.00	ACRE	2.00	2.00	_____
FUEL & LUBE--TRACTOR		ACRE		13.69	_____
EQUIPMENT		ACRE		1.39	_____
REPAIRS-----TRACTOR		ACRE		3.07	_____
EQUIPMENT		ACRE		2.02	_____
LABOR-----MACHINERY	1.95	HOURL	5.00	9.74	_____
EQUIPMENT	0.63	HOURL	3.50	2.20	_____
OPERATING CAPITAL	16.84	DOL.	0.120	2.02	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 46.41	\$ _____
HARVEST COSTS					
CUSTOM HARVEST	1.00	ACRE	8.00	8.00	_____
CUSTOM HAUL	16.50	CWT.	0.25	4.13	_____
SUBTOTAL, HARVEST		ACRE		\$ 12.13	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 58.54	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 3.19/CWT.	GRAIN SORGHUM	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 16.54	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		20.31	_____
EQUIPMENT		ACRE		10.92	_____
LAND---NET SHARE-RENT		ACRE		23.41	_____
TOTAL FIXED COSTS		ACRE		\$ 54.64	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 113.18	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 6.50/CWT.	GRAIN SORGHUM	
6. NET PROJECTED RETURNS		ACRE		\$ -38.11	\$ _____

LAND CHARGE BASED ON LANDLORD'S SHARE OF GROSS 33% LESS 33% OF HAULING.
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.

GRAIN SORGHUM, DRYLAND, TEXAS HIGH PLAINS III REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
SHREDDER 2R	2,56	FEB	1.00	0.557	0.422	4.99	2.79	0.0	5.99	13.76
MOLDBOARD 6B	1,47	MAR	1.50	0.567	0.430	6.58	2.84	0.0	11.13	20.55
PACKER	53	MAR	1.50	0.0	0.309	0.05	0.0	0.0	0.14	0.19
TANDEM DISC	1,41	APR	1.50	0.219	0.166	2.54	1.09	0.0	4.00	7.63
LISTER-PLNT8R	2,37	MAY	1.25	0.142	0.108	1.42	0.71	1.88	2.03	6.03
SAND FIGHTER	5,51	JUNE	2.00	0.151	0.115	0.54	0.76	0.0	1.08	2.37
CULTIVATOR 8R	3,34	JUNE	2.00	0.312	0.236	2.43	1.56	0.0	5.15	9.14
TOTALS				1.949	1.786	18.55	9.74	1.88	29.51	59.68

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)

		3.35	3.77	4.19	4.61	5.03
CWT.						
QUANTITY OF GRAIN SORGHUM	13.20	-23.80	-20.09	-16.39	-12.68	-8.97
	14.85	-19.97	-15.80	-11.63	-7.46	-3.29
	16.50	-16.14	-11.51	-6.88	-2.25	2.39
	18.15	-12.31	-7.22	-2.12	2.97	8.07
	19.80	-8.49	-2.93	2.63	8.19	13.75

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

GRAIN SORGHUM, IRRIGATED, TEXAS HIGH PLAINS III REGION
 1983 PROJECTED COSTS AND RETURNS PER ACRE
 PREPLANT PLUS TWO POSTPLANT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
GRAIN SORGHUM	50.00	CWT.	4.19	209.50	
DEFICIENCY PMT.	50.00	CWT.	0.36	18.00	
TOTAL PROJECTED RETURNS				\$ 227.50	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*GRAIN SORG. SEED	8.75	LB.	0.50	4.38	
*NITROGEN	100.00	LB.	0.21	21.00	
*PHOSPHATE	20.00	LB.	0.21	4.20	
*HERBICIDE	1.00	ACRE	6.95	6.95	
INSECTICIDE	1.00	ACRE	5.00	5.00	
FERTILIZER APPLI	1.00	ACRE	2.00	2.00	
IRRIGATION WATER	17.00	ACIN			
FUEL & LUBE---TRACTOR		ACRE		15.06	
EQUIPMENT		ACRE		2.01	
IRRIGATION		ACRE		36.55	
REPAIRS-----TRACTOR		ACRE		3.44	
EQUIPMENT		ACRE		2.42	
IRRIGATION		ACRE		5.10	
LABOR-----MACHINERY	1.97	HOUR	5.00	9.85	
IRRIGATION	1.70	HOUR	5.00	8.50	
EQUIPMENT	0.91	HOUR	3.50	3.18	
OPERATING CAPITAL	43.91	DOL.	0.120	5.27	
SUBTOTAL, PREHARVEST		ACRE		\$ 134.90	\$
HARVEST COSTS					
CUSTOM HARVEST	50.00	CWT.	0.40	20.00	
CUSTOM HAUL	50.00	CWT.	0.25	12.50	
SUBTOTAL, HARVEST		ACRE		\$ 32.50	\$
TOTAL VARIABLE COSTS		ACRE		\$ 167.40	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 2.99/CWT.	GRAIN SORGHUM	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 60.10	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		21.62	
EQUIPMENT		ACRE		11.06	
LAND---NET SHARE-RENT		ACRE		43.98	
IRRIG. EQUIP.	17.00	ACIN	2.00	34.00	
TOTAL FIXED COSTS		ACRE		\$ 110.66	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 278.06	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 5.20/CWT.	GRAIN SORGHUM	
6. NET PROJECTED RETURNS		ACRE		\$ -50.56	\$

LAND (NET RENT) BASED ON 33% OF GROSS LESS 33% OF FERT, INSECT, HAUL
 AND 50% OF IRRIG FIXED COST. PRICE BASED ON LOAN RATE ADJUSTED FOR
 STORAGE. DEFICIENCY PAYMENT BASED ON COMPLIANCE WITH GOVT SET ASIDE PROG.

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 ONE PARTICULAR FARM OR RANCH OPERATION. THESE PROJECTIONS WERE
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 EXTENSION SERVICE AND APPROVED FOR PUBLICATION.

GRAIN SORGHUM, IRRIGATED, TEXAS HIGH PLAINS III REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
PREPLANT PLUS TWO POSTPLANT

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	2,57	DEC	1.00	0.277	0.210	2.55	1.38	0.0	3.73	7.66
TANDEM DISC	1,41	DEC	1.00	0.146	0.110	1.69	0.73	0.0	2.67	5.09
MOLDBOARD 6B	1,47	FEB	1.00	0.378	0.286	4.39	1.89	0.0	7.42	13.70
PACKER	53	FEB	1.00	0.0	0.206	0.03	0.0	0.0	0.09	0.13
TANDEM DISC	2,41	MAR	1.00	0.146	0.110	1.49	0.73	0.0	2.18	4.40
HERB SPR/DISC	61	MAR	1.00	0.0	0.158	0.01	0.0	6.95	0.16	7.12
LISTER 6R	2,54	APR	1.00	0.151	0.115	1.39	0.76	0.0	1.64	3.78
ROLLING CULT	3,30	MAY	1.00	0.194	0.147	1.54	0.97	0.0	2.28	4.80
BED PLANTER6R	6,38	MAY	1.25	0.252	0.191	4.26	1.26	4.38	5.19	15.09
SAND FIGHTER	5,51	JUNE	0.50	0.038	0.029	0.13	0.19	0.0	0.27	0.59
ROLLING CULT	3,30	JULY	2.00	0.389	0.295	3.09	1.94	0.0	4.57	9.60
TOTALS				1.971	1.857	20.58	9.85	11.32	30.19	71.95

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	APR	7.00	0.700	0.0	17.15	3.50	0.0	14.00	34.65
WATER APPLICATION	JUNE	5.00	0.500	0.0	12.25	2.50	0.0	10.00	24.75
WATER APPLICATION	JULY	5.00	0.500	0.0	12.25	2.50	0.0	10.00	24.75
TOTALS		17.00	1.700	0.0	41.65	8.50	0.0	34.00	84.15

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)

		3.35	3.77	4.19	4.61	5.03
CWT.						
QUANTITY OF GRAIN SORGHUM	40.00	-31.15	-19.92	-8.70	2.53	13.76
	45.00	-21.56	-8.92	3.71	16.34	28.98
	50.00	-11.96	2.08	16.11	30.15	44.19
	55.00	-2.36	13.08	28.52	43.96	59.40
	60.00	7.24	24.08	40.92	57.77	74.61

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

SOYBEANS, IRRIGATED, TEXAS HIGH PLAINS III REGION
 1983 PROJECTED COSTS AND RETURNS PER ACRE
 PREPLANT PLUS THREE POSTPLANT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
SOYBEANS	25.00	BU.	5.35	133.75	
TOTAL PROJECTED RETURNS				\$ 133.75	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SOYBEAN SEED	1.00	BU.	13.50	13.50	
*HERBICIDE	1.00	ACRE	7.00	7.00	
IRRIGATION WATER	22.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		9.18	
EQUIPMENT		ACRE		2.16	
IRRIGATION		ACRE		47.30	
REPAIRS-----TRACTOR		ACRE		2.10	
EQUIPMENT		ACRE		1.81	
IRRIGATION		ACRE		6.60	
LABOR-----MACHINERY	1.30	HOUR	5.00	6.51	
IRRIGATION	2.20	HOUR	5.00	11.00	
EQUIPMENT	0.98	HOUR	3.50	3.43	
OPERATING CAPITAL	34.11	DOL.	0.120	4.09	
SUBTOTAL, PREHARVEST		ACRE		\$ 114.69	\$
HARVEST COSTS					
CUSTOM HARVEST	1.00	ACRE	12.50	12.50	
CUSTOM HAUL	25.00	BU.	0.25	6.25	
SUBTOTAL, HARVEST		ACRE		\$ 18.75	\$
TOTAL VARIABLE COSTS		ACRE		\$ 133.44	\$
BREAK-EVEN PRICE, VARIABLE COSTS		\$ 5.34/BU.		SOYBEANS	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 0.31	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		13.52	
EQUIPMENT		ACRE		8.94	
LAND---NET SHARE-RENT		ACRE		20.07	
IRRIG. EQUIP.	22.00	ACIN	2.00	44.00	
TOTAL FIXED COSTS		ACRE		\$ 86.53	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 219.97	\$
BREAK-EVEN PRICE, TOTAL COSTS		\$ 8.80/BU.		SOYBEANS	
6. NET PROJECTED RETURNS		ACRE		\$ -86.22	\$

LAND CHARGE BASED ON LANDLORD'S SHARE OF GROSS (33%) LESS 33% OF
 HAULING AND 50 PCT. OF IRRIG. FIXED COSTS.

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 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.

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SOYBEANS, IRRIGATED, TEXAS HIGH PLAINS III REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
PREPLANT PLUS THREE POSTPLANT

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
MOLDBOARD 6B	1,47	JAN	0.50	0.189	0.143	2.19	0.95	0.0	3.71	6.85
PACKER	53	JAN	0.50	0.0	0.103	0.02	0.0	0.0	0.05	0.06
CHISEL	1,44	JAN	0.50	0.066	0.050	0.79	0.33	0.0	1.12	2.24
TANDEM DISC	2,41	MAR	2.00	0.292	0.221	2.97	1.46	0.0	4.36	8.80
HERB SPR/DISC	61	MAR	1.00	0.0	0.158	0.01	0.0	7.00	0.16	7.17
LISTER 6R	1,54	MAR	1.00	0.151	0.115	1.60	0.76	0.0	2.14	4.50
ROLLING CULT	3,30	APR	1.00	0.194	0.147	1.54	0.97	0.0	2.28	4.80
BED PLANTER6R	2,38	MAY	1.00	0.202	0.153	2.04	1.01	13.50	2.89	19.43
CULTIVATOR 6R	3,33	JUNE	1.00	0.207	0.157	1.58	1.04	0.0	3.07	5.69
TOTALS				1.301	1.247	12.74	6.51	20.50	19.78	59.53

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	7.00	0.700	0.0	17.15	3.50	0.0	14.00	34.65
WATER APPLICATION	MAY	5.00	0.500	0.0	12.25	2.50	0.0	10.00	24.75
WATER APPLICATION	JUNE	5.00	0.500	0.0	12.25	2.50	0.0	10.00	24.75
WATER APPLICATION	JULY	5.00	0.500	0.0	12.25	2.50	0.0	10.00	24.75
TOTALS		22.00	2.200	0.0	53.90	11.00	0.0	44.00	108.90

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)

		4.28	4.81	5.35	5.88	6.42
QUANTITY OF SOYBEANS	BU.					
	20.00	-51.19	-44.02	-36.85	-29.68	-22.51
	22.50	-44.44	-36.37	-28.30	-20.24	-12.17
	25.00	-37.68	-28.72	-19.76	-10.80	-1.84
	27.50	-30.93	-21.08	-11.22	-1.36	8.49
	30.00	-24.18	-13.43	-2.68	8.08	18.83

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

WHEAT, DRYLAND, TEXAS HIGH PLAINS III REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
WHEAT	17.00	BU.	3.28	55.76	
WHEAT GRAZING	90.00	DAYS	0.23	20.70	
DEFICIENCY PMT.	17.00	BU.	0.65	11.05	
TOTAL PROJECTED RETURNS				\$ 87.51	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SEED WHEAT	0.70	BU.	7.50	5.25	
HAIL INSURANCE	25.00	DOL.	0.15	3.75	
FUEL & LUBE--TRACTOR		ACRE		3.78	
EQUIPMENT		ACRE		1.48	
REPAIRS-----TRACTOR		ACRE		0.85	
EQUIPMENT		ACRE		1.57	
LABOR-----MACHINERY	0.52	HOOR	5.00	2.61	
EQUIPMENT	0.67	HOOR	3.50	2.34	
OPERATING CAPITAL	4.41	DOL.	0.120	0.53	
SUBTOTAL, PREHARVEST		ACRE		\$ 22.17	\$
HARVEST COSTS					
CUSTOM HARVEST	1.00	ACRE	12.50	12.50	
CUSTOM HAUL	17.00	BU.	0.12	2.04	
SUBTOTAL, HARVEST		ACRE		\$ 14.54	\$
TOTAL VARIABLE COSTS		ACRE		\$ 36.71	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 0.29/BU.	WHEAT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 50.80	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		5.66	
EQUIPMENT		ACRE		5.78	
LAND---NET SHARE-RENT		ACRE		28.21	
TOTAL FIXED COSTS		ACRE		\$ 39.65	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 76.36	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 2.62/BU.	WHEAT	
6. NET PROJECTED RETURNS		ACRE		\$ 11.15	\$

LAND CHARGE BASED ON LANDLORD'S SHARE OF GROSS 33% LESS 33% OF HAULING.
PRICE BASED ON LOAN RATE ADJUSTED FOR STORAGE. 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.

WHEAT, DRYLAND, TEXAS HIGH PLAINS III REGION
 1983 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
OFFSET DISC	1,43	JULY	1.00	0.104	0.079	1.35	0.52	0.0	2.45	4.32
CHISEL	1,44	JULY	1.00	0.132	0.100	1.58	0.66	0.0	2.25	4.48
TANDEM DISC	2,41	AUG	1.00	0.146	0.110	1.49	0.73	0.0	2.18	4.40
GRAIN DRILL	3,58	SEPT	0.50	0.140	0.106	1.24	0.70	5.25	2.02	9.21
GRAIN DRILL	58	SEPT	0.50	0.0	0.106	0.30	0.0	0.0	0.72	1.02
TOTALS				0.521	0.501	5.97	2.61	5.25	9.62	23.44

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

		PRICE OF WHEAT (DOLLARS)				
		2.62	2.95	3.28	3.61	3.94
QUANTITY OF WHEAT	BU.					
	13.60	7.94	10.93	13.92	16.91	19.90
	15.30	11.53	14.90	18.26	21.62	24.98
	17.00	15.13	18.86	22.60	26.34	30.07
	18.70	18.72	22.83	26.94	31.05	35.16
	20.40	22.31	26.80	31.28	35.76	40.24

WHEAT, IRRIGATED, TEXAS HIGH PLAINS III REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
PREPLANT PLUS THREE POSTPLANT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
WHEAT	40.00	BU.	3.28	131.20	_____
WHEAT GRAZING	200.00	DAYS	0.23	46.00	_____
DEFICIENCY PMT.	40.00	BU.	0.65	26.00	_____
TOTAL PROJECTED RETURNS				\$ 203.20	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SEED WHEAT	1.50	BU.	7.50	11.25	_____
*NITROGEN	100.00	LB.	0.21	21.00	_____
*PHOSPHATE	40.00	LB.	0.21	8.40	_____
FERTILIZER APPLI	1.00	ACRE	2.00	2.00	_____
HAIL INSURANCE	130.00	DOL.	0.15	19.50	_____
IRRIGATION WATER	22.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		5.33	_____
EQUIPMENT		ACRE		1.70	_____
IRRIGATION		ACRE		47.30	_____
REPAIRS-----TRACTOR		ACRE		1.32	_____
EQUIPMENT		ACRE		1.69	_____
IRRIGATION		ACRE		6.60	_____
LABOR-----MACHINERY	0.83	HOUR	5.00	4.13	_____
IRRIGATION	2.20	HOUR	5.00	11.00	_____
EQUIPMENT	0.77	HOUR	3.50	2.69	_____
OPERATING CAPITAL	66.42	DOL.	0.120	7.97	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 151.88	\$ _____
HARVEST COSTS					
CUSTOM HARVEST	1.00	ACRE	12.50	12.50	_____
CUSTOM HAUL	40.00	BU.	0.12	4.80	_____
SUBTOTAL, HARVEST		ACRE		\$ 17.30	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 169.18	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 2.43/BU.	WHEAT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 34.02	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		8.57	_____
EQUIPMENT		ACRE		6.81	_____
LAND---NET SHARE-RENT		ACRE		33.77	_____
IRRIG. EQUIP.	22.00	ACIN	2.00	44.00	_____
TOTAL FIXED COSTS		ACRE		\$ 93.15	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 262.34	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 4.76/BU.	WHEAT	
6. NET PROJECTED RETURNS		ACRE		\$ -59.14	\$ _____

LAND (NET RENT) BASED ON 33% OF GROSS LESS 33% OF FERT, INSECT, HAUL AND 50% OF IRRIG FIXED COST. 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.

WHEAT, IRRIGATED, TEXAS HIGH PLAINS III REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
PREPLANT PLUS THREE POSTPLANT

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
TANDEM DISC	2,41	JULY	1.00	0.146	0.110	1.49	0.73	0.0	2.18	4.40
MOLDBOARD 6B	1,47	JULY	0.50	0.189	0.143	2.19	0.95	0.0	3.71	6.85
PACKER	53	JULY	0.50	0.0	0.103	0.02	0.0	0.0	0.05	0.06
CHISEL	1,44	JULY	0.50	0.066	0.050	0.79	0.33	0.0	1.12	2.24
TANDEM DISC	2,41	JULY	1.00	0.146	0.110	1.49	0.73	0.0	2.18	4.40
GRAIN DRILL	3,58	AUG	1.00	0.280	0.212	2.09	1.40	11.25	4.04	18.78
TOTALS				0.826	0.729	8.06	4.13	11.25	13.28	36.73

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	AUG	7.00	0.700	0.0	17.15	3.50	0.0	14.00	34.65
WATER APPLICATION	OCT	5.00	0.500	0.0	12.25	2.50	0.0	10.00	24.75
WATER APPLICATION	DEC	5.00	0.500	0.0	12.25	2.50	0.0	10.00	24.75
WATER APPLICATION	MAR	5.00	0.500	0.0	12.25	2.50	0.0	10.00	24.75
TOTALS		22.00	2.200	0.0	53.90	11.00	0.0	44.00	108.90

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

		PRICE OF WHEAT (DOLLARS)				
		2.62	2.95	3.28	3.61	3.94
QUANTITY OF WHEAT	BU.					
	32.00	-34.24	-27.21	-20.18	-13.14	-6.11
	36.00	-25.79	-17.88	-9.96	-2.05	5.86
	40.00	-17.33	-8.54	0.25	9.04	17.83
	44.00	-8.88	0.79	10.46	20.13	29.80
	48.00	-0.43	10.12	20.67	31.22	41.76

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: 3 DATE: 022283

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
6	STOCKER STEERS		CWT.	64.75	451	HAIL INSURANCE		DOL.	0.15
8	FEEDER STEERS		CWT.	62.50	462	PRORATED ESTABL.	7 YR	DOL.	0.14
13	STEER CALVES		CWT.	67.50	465	IRRIG. EQUIP.	FURR	ACIN	2.00
14	HEIFER CALVES		CWT.	60.75	466	IRR EQUIP (50%)	FURR	ACIN	1.00
17	CULL COWS		CWT.	36.50	485	HAULING & MKTG.	STOC	CWT.	0.75
70	DEFICIENCY PMT.	WHET	BU.	0.65	509	HERBICIDE	COTT	ACRE	6.00
71	DEFICIENCY PMT.	SORG	CWT.	0.36	514	CUSTOM HAUL	WHET	BU.	0.12
72	CORN		BU.	2.52	516	CUSTOM HAUL	SORG	CWT.	0.25
73	GRAIN SORGHUM		CWT.	4.19	517	INSECTICIDE	SORG	ACRE	5.00
76	WHEAT		BU.	3.28	525	HERBICIDE	SORG	ACRE	6.95
81	ALFALFA HAY		TON	50.00	526	HERBICIDE	SB	ACRE	7.00
90	DEFICIENCY PMT.	COTT	LB.	0.21	530	INSECTICIDE	CORN	ACRE	15.00
91	DEFICIENCY PMT.	CORN	BU.	0.21	531	HERBICIDE	CORN	ACRE	5.50
93	COTTON LINT		LB.	0.48					
94	COTTONSEED		TON	90.00					
98	SOYBEANS		BU.	5.35					
103	SALT & MIN.		LB.	0.07					
107	COTTONSEED CAKE		LB.	0.10					
146	DEATH LOSS		DOL.	259.00					
153	PASTURE RENT		ACRE	2.25					
170	HAY		BALE	2.00					
177	RANGE IMPROVEMEN		ACRE	0.64					
179	WHEAT PASTURE		DAYS	0.30					
180	WHEAT GRAZING		DAYS	0.23					
181	SEED WHEAT		BU.	7.50					
184	SEED CORN/GRAIN		ACRE	12.00					
186	GRAIN SORG. SEED		LB.	0.50					
188	ALFALFA SEED		LB.	1.70					
189	SOYBEAN SEED		BU.	13.50					
211	NITROGEN		LB.	0.21					
215	PHOSPHATE		LB.	0.21					
267	CUSTOM HARVEST	SOYB	ACRE	12.50					
269	CUSTOM HARVEST	WHET	ACRE	12.50					
270	CUSTOM HARVEST	GSD	ACRE	8.00					
271	CUSTOM HARVEST	GSI	CWT.	0.40					
272	CUSTOM HARVEST	CORN	BU.	0.30					
274	CUSTOM HAUL		BU.	0.25					
275	CUSTOM HARV&HAUL		CWT.	1.75					
285	HAUL CORN	CUST	BU.	0.20					
291	SD COTTON-UPLAND		LB.	0.45					
319	CUSTOM DRYING		BU.	0.12					
330	FERTILIZER APPLI		ACRE	2.00					
392	MARKETING	LIVE	DOL.	1.00					
393	MISC EXPENSE	LIVE	DOL.	1.00					
395	FENCE REPAIR		HEAD	2.70					
396	WATER FACIL REPR		HEAD	1.30					
397	BARN REPAIR		HEAD	1.55					
409	VET & PROCESSING		DOL.	1.00					
410	VET MEDICINE	LIVE	DOL.	1.00					
441	GIN,BAG, TIES		CWT.	2.25					

= 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: 3 DATE: 022283

ROW	PARAMETER DEFINITION	DEFAULT VALUE
1.	PRICE PER GALLON OF GASOLINE	1.0500
2.	PRICE PER GALLON OF L.P. GAS	0.6500
3.	PRICE PER GALLON OF DIESEL	1.1000
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	5.00
11.	HOURLY OTHER LABOR WAGE RATE	3.50
12.	HOURLY IRRIG./LIVESTOCK WAGE RATE	5.00
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

LISTING OF ECONOMIC AND ENGINEERING DATA FOR MACHINERY IN REGION 3

DATE:022283

OUT4

MACHINE	1 CODE NO.	2 WIDTH (FT)	3 LIST PRICE	4 SPEED (MPH)	5 FIELD EFF.	6 RC1	7 AGE (HRS)	8 RC3	9 ANNUAL HRS	10 YEARS OWNED	11 RFV1	12 RFV2	13 PURCH PRICE	14 FUEL TYPE	15 LIFE (HRS)	16 HP
TRACTOR	1.	150.0	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	600.	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	28340.	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	88000.	4.5	0.88	1.20	0.	1.80	600.	7.	0.88	0.92	59400.	3.	12000.	225.
ROLLING CULT	30.	20.0	3500.	3.5	0.80	1.00	0.	1.80	200.	7.	0.80	0.88	3200.	0.	2000.	0.
ROLLING CULT	31.	26.8	4500.	3.5	0.80	1.00	0.	1.80	200.	7.	0.80	0.88	4500.	0.	2000.	0.
CULTIVATOR 8R	33.	20.0	4000.	3.5	0.75	1.00	0.	1.80	100.	7.	0.80	0.88	3600.	0.	2000.	0.
CULTIVATOR 8R	34.	26.8	5200.	3.5	0.75	1.00	0.	1.80	100.	7.	0.80	0.88	4700.	0.	2000.	0.
LISTER-PLNTSR	36.	20.0	4500.	4.5	0.80	1.00	0.	1.80	150.	7.	0.80	0.88	4200.	0.	2000.	0.
LISTER-PLNTSR	37.	26.8	5250.	4.5	0.80	1.00	0.	1.80	150.	7.	0.80	0.88	4750.	0.	2000.	0.
BED PLANTERSR	38.	20.0	3540.	4.5	0.80	0.80	0.	1.80	100.	7.	0.80	0.88	3200.	0.	1200.	0.
BED PLANTERSR	39.	26.8	4500.	4.5	0.80	0.80	0.	1.80	100.	7.	0.80	0.88	4050.	0.	1200.	0.
TANDEM DISC	40.	14.0	4500.	4.5	0.83	0.65	0.	1.80	200.	7.	0.80	0.88	4250.	0.	2000.	0.
TANDEM DISC	41.	20.0	7500.	4.5	0.83	0.65	0.	1.80	200.	7.	0.80	0.88	7200.	0.	2000.	0.
OFFSET DISC	43.	28.0	15000.	4.5	0.83	0.65	0.	1.80	200.	7.	0.80	0.88	14000.	0.	2000.	0.
CHISEL	44.	23.0	8200.	4.5	0.80	1.00	0.	1.80	200.	7.	0.80	0.88	5700.	0.	2000.	0.
HLSD ROLLOVER	46.	5.3	8500.	4.5	0.80	1.00	0.	1.30	200.	7.	0.80	0.88	5800.	0.	2000.	0.
MOLDBOARD 6B	47.	8.0	5000.	4.5	0.80	1.00	0.	1.30	100.	7.	0.80	0.88	4500.	0.	2000.	0.
SAND FIGHTER	51.	22.5	1000.	8.0	0.80	1.00	0.	1.80	100.	7.	0.80	0.88	900.	0.	750.	0.
PACKER	53.	8.3	850.	8.0	0.80	0.80	0.	1.80	200.	7.	0.80	0.88	450.	0.	2000.	0.
LISTER 8R	54.	20.0	1590.	4.5	0.80	1.00	0.	1.80	150.	7.	0.80	0.88	1400.	0.	2000.	0.
LISTER 8R	55.	26.8	2500.	4.5	0.80	1.00	0.	1.80	150.	7.	0.80	0.88	2200.	0.	2000.	0.
SHREDDER 2R	56.	8.5	1200.	3.7	0.80	0.60	0.	1.80	125.	7.	0.80	0.88	1100.	0.	2000.	0.
SHREDDER 4R	57.	13.3	3500.	3.7	0.80	0.60	0.	1.80	125.	7.	0.80	0.88	3300.	0.	2000.	0.
GRAIN DRILL	58.	13.5	4400.	4.0	0.72	0.75	0.	1.80	120.	7.	0.80	0.88	4000.	0.	1000.	30.
GR DRILL/FERT	59.	13.5	4400.	4.0	0.72	0.75	0.	1.80	120.	7.	0.80	0.88	4000.	0.	1000.	0.
BOX FLOAT	60.	7.0	575.	6.0	0.60	0.60	0.	1.80	100.	7.	0.80	0.88	500.	0.	2500.	0.
HERB SPR/DISC	61.	14.0	650.	4.5	0.83	0.65	0.	1.80	100.	7.	0.80	0.88	500.	0.	2000.	0.

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

Zerle L. Carpenter, Director . College Station, Texas

TEXAS ENTERPRISE BUDGETS
TEXAS HIGH PLAINS III REGION

Projected for 1983

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COW-CALF BUDGET TEXAS HIGH PLAINS III REGION
1983 PROJECTED COSTS AND RETURNS PER HEAD
300 COW HERD, JAN-FEB-MAR CALVING

INVESTMENT REQUIREMENTS				PROJECTED		YOUR
	NUMBER	UNIT	SIZE	\$/UNIT	VALUE	ESTIMATE
BEEF COW RAISED	1.00	HEAD	1.00	475.00	475.00	
BEEF BULL PURCH.	0.04	HEAD	1.00	873.44	34.94	
BEEF HEIFER RAI.	0.13	HEAD	1.00	400.00	50.00	
HORSE	0.01	HEAD	1.00	424.12	4.24	
TOTAL LIVESTOCK INVESTMENT					\$ 564.18	\$

PRODUCTION				PROJECTED		
	NUMBER	WGT. EACH	TOTAL UNITS	\$/UNIT	RETURN	
STEER CALVES	0.43	5.00	2.1 CWT.	67.50	145.12	
HEIFER CALVES	0.31	4.50	1.4 CWT.	60.75	84.75	
CULL COWS	0.11	9.00	1.0 CWT.	36.50	36.13	
TOTAL PROJECTED RETURNS					\$ 266.01	\$

OPERATING INPUTS				PROJECTED		
	INPUT USE	UNIT		\$/UNIT	COST	
COTTONSEED CAKE	150.00	LB.		0.10	15.00	
HAY	4.00	BALE		2.00	8.00	
VET MEDICINE	1.00	DOL.		1.00	1.00	
RANGE IMPROVEMEN	18.00	ACRE		0.64	11.52	
SALT & MIN.	30.00	LB.		0.07	2.10	
MISC EXPENSE	3.00	DOL.		1.00	3.00	
MARKETING	5.00	DOL.		1.00	5.00	
FENCE REPAIR	1.00	HEAD		2.70	2.70	
WATER FACIL REPR	1.00	HEAD		1.30	1.30	
BARN REPAIR	1.00	HEAD		1.55	1.55	
EQUIPMENT FUEL AND LUBE					3.09	
EQUIPMENT REPAIR					0.89	
TOTAL OPERATING COST					\$ 55.15	\$

RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT	\$ 210.86	\$
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CAPITAL INVESTMENT		QUANTITY INVESTED	UNIT	RATE OF RETURN	PROJECTED COST	
ANNUAL OPERATING CAPITAL		32.07	DOL.	0.140	4.49	
EQUIPMENT INVESTMENT		62.36	DOL.	0.140	8.73	
LIVESTOCK INVESTMENT		564.18	DOL.	0.140	78.98	
TOTAL CAPITAL COST					\$ 92.20	\$

RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT	\$ 118.66	\$
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OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)		PROJECTED COST	
EQUIPMENT		10.95	
LIVESTOCK		14.34	
TOTAL OWNERSHIP COST		\$ 25.29	\$

RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT	\$ 93.37	\$
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OPERATOR LABOR COSTS		LABOR USE	UNIT	RATE OF RETURN	PROJECTED COST	
EQUIPMENT		1.46	HOURL	3.50	5.12	
LIVESTOCK		6.40	HOURL	3.50	22.40	
TOTAL LABOR COST					\$ 27.52	\$

RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT	\$ 65.84	\$
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LAND COSTS		INPUT USE	UNIT	RATE OF RETURN	PROJECTED COST	
PASTURE RENT		27.00	ACRE	2.25	60.75	
TOTAL LAND COST					\$ 60.75	\$

RESIDUAL RETURNS TO MANAGEMENT AND PROFIT	\$ 5.09	\$
TOTAL PROJECTED COST OF PRODUCTION	\$ 260.91	\$

NATIVE RANGE, NO CREEP FEED, 86% CALF CROP, 12% REPLACEMENT RATE,
1% DEATH LOSS ON COWS, STOCKING RATE 27 ACRES/COW, 12 SECTION RANCH

**COW-CALF BUDGET TEXAS HIGH PLAINS III REGION
1983 PROJECTED COSTS AND RETURNS PER HEAD
300 COW HERD, JAN-FEB-MAR CALVING**

	1	2	3	4	5	6	7	8	9	10	11	12	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
AVER. ANNUAL CAPITAL	2.30	3.09	3.73	4.44	5.21	6.87	7.57	8.60	12.51	0.42	0.84	1.51	TOTAL
													32.07
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	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	1.46
LIVESTOCK LABOR	0.55	0.55	0.50	0.50	0.50	0.65	0.85	0.50	0.50	0.50	0.50	0.50	6.40
TOTAL LABOR	0.67	0.67	0.62	0.62	0.62	0.77	0.77	0.62	0.62	0.62	0.62	0.62	7.88

EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR

EQUIPMENT	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL OWN.	TOTAL OPER.	HOURS LABOR	ALLOC (%)
HAYRACK-FEEDER	1	40.00	30.80	2.20	1.10	2.00	0.0	0.0	74.10	2.00	0.87	0.010
STOCK TRAILER	2	280.00	215.80	15.40	7.70	11.20	0.0	0.0	518.70	11.20	0.87	0.010
GRAIN TRAILER	3	50.00	38.50	2.75	1.37	2.00	0.0	0.0	92.62	2.00	0.87	0.010
STOCK SPRAYER	4	250.00	192.50	13.75	6.87	12.50	0.0	0.0	463.12	12.50	0.87	0.010
TACK	5	45.00	34.85	2.48	1.24	4.50	0.0	0.0	83.36	4.50	0.87	0.010
PENS & EQUIPMENT	6	125.00	183.75	13.13	6.56	6.25	0.0	0.0	328.44	6.25	3.00	0.010
PICKUP TRUCK	10	1057.14	888.00	63.29	31.64	252.00	1470.00	73.50	2038.07	1795.50	700.00	0.002
BEEF COW RAISED	51	0.0	88.50	4.75	2.37	0.0	0.0	0.0	73.82	0.0	0.0	1.000
BEEF BULL PURCH.	54	134.37	122.28	8.73	4.37	0.0	0.0	0.0	269.76	0.0	0.0	0.040
BEEF HEIFER RAI.	55	0.0	56.00	4.00	2.00	0.0	0.0	0.0	62.00	0.0	0.0	0.125
HORSE	95	50.25	59.38	4.24	2.12	0.0	0.0	0.0	115.99	0.0	0.0	0.010

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.
HAYRACK-FEEDER	1.	18.	FEET	2.	400.	400.	10.	0.0	0.05	0.0	0.7	0.0	0.0	0.0	0.0
STOCK TRAILER	2.	24.	FEET	2.	2800.	2800.	10.	0.0	0.04	0.0	0.7	0.0	0.0	0.0	0.0
GRAIN TRAILER	3.	14.	FEET	2.	500.	500.	10.	0.0	0.04	0.0	0.7	0.0	0.0	0.0	0.0
STOCK SPRAYER	4.	150.	GAL.	2.	1250.	2500.	10.	0.0	0.10	0.0	0.7	0.0	0.0	0.0	0.0
TACK	5.	1.	DOL.	2.	450.	450.	10.	0.0	0.10	0.0	0.7	0.0	0.0	0.0	0.0
PENS & EQUIPMENT	6.	7500.	FEET	2.	2500.	2500.	20.	0.0	0.05	0.0	3.0	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.	TON	2.	10500.	9500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
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 PURCH.	54.	1.	HEAD	1.	1075.	1075.	4.	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BEEF HEIFER RAI.	55.	1.	HEAD	1.	400.	400.	10.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HORSE	95.	1.	HEAD	1.	500.	500.	8.	0.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0

STOCKER CALF BUDGET TEXAS HIGH PLAINS III REGION
1983 PROJECTED COSTS AND RETURNS PER HEAD
PURCHASE NOV 1, SELL MARCH 10

INVESTMENT REQUIREMENTS				PROJECTED		YOUR
	NUMBER	UNIT	SIZE	\$/UNIT	VALUE	ESTIMATE
HORSE	0.00	HEAD	1.00	424.12	0.42	
TOTAL LIVESTOCK INVESTMENT					\$ 0.42	\$
PRODUCTION		WGT.	TOTAL	PROJECTED		
	NUMBER	EACH	UNITS UNIT	\$/UNIT	RETURN	
FEEDER STEERS	1.00	6.00	6.0 CWT.	62.50	375.00	
TOTAL PROJECTED RETURNS					\$ 375.00	\$
OPERATING INPUTS				PROJECTED		
		INPUT USE	UNIT	\$/UNIT	COST	
STOCKER STEERS		4.00	CWT.	64.75	259.00	
DEATH LOSS		0.03	DOL.	259.00	7.77	
WHEAT PASTURE		130.00	DAYS	0.30	39.00	
HAY		4.00	BALE	2.00	8.00	
VET & PROCESSING		5.00	DOL.	1.00	5.00	
SALT & MIN.		8.00	LB.	0.07	0.56	
MISC EXPENSE		4.00	DOL.	1.00	4.00	
HAULING & MKTG.		6.00	CWT.	0.75	4.50	
FENCE REPAIR		1.00	HEAD	2.70	2.70	
EQUIPMENT FUEL AND LUBE					1.54	
EQUIPMENT REPAIR					0.28	
TOTAL OPERATING COST					\$ 332.35	\$
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 42.65	\$
CAPITAL INVESTMENT		QUANTITY	UNIT	RATE OF	PROJECTED	
		INVESTED		RETURN	COST	
ANNUAL OPERATING CAPITAL		98.50	DOL.	0.140	13.79	
EQUIPMENT INVESTMENT		9.71	DOL.	0.140	1.36	
LIVESTOCK INVESTMENT		0.42	DOL.	0.140	0.06	
TOTAL CAPITAL COST					\$ 15.21	\$
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 27.44	\$
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)					PROJECTED	
					COST	
EQUIPMENT					1.82	
LIVESTOCK					0.06	
TOTAL OWNERSHIP COST					\$ 1.87	\$
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT					\$ 25.56	\$
OPERATOR LABOR COSTS		LABOR USE	UNIT	RATE OF	PROJECTED	
				RETURN	COST	
EQUIPMENT		0.70	HOUR	3.50	2.46	
LIVESTOCK		1.50	HOUR	3.50	5.25	
TOTAL LABOR COST					\$ 7.71	\$
RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT					\$ 17.85	\$
RESIDUAL RETURNS TO MANAGEMENT AND PROFIT					\$ 17.85	\$
TOTAL PROJECTED COST OF PRODUCTION					\$ 357.15	\$

PRIMARILY GRAZING OF WHEAT PASTURE, STOCKING RATE OF 2 HEAD/ACRE,
130 DAYS GRAZING, 3% DEATH LOSS, HIGH GOOD GRADE.

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.

STOCKER CALF BUDGET TEXAS HIGH PLAINS III REGION
1983 PROJECTED COSTS AND RETURNS PER HEAD
PURCHASE NOV 1, SELL MARCH 10

	1	2	3	4	5	6	7	8	9	10	11	12	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
	[DOLLARS]												TOTAL
AVER. ANNUAL CAPITAL	28.05	26.95	-3.55	0.00	0.00	0.00	0.00	0.00	0.00	0.23	23.92	24.90	98.50
	[HOURS]												TOTAL
LABOR REQUIREMENTS													
MACHINERY LABOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EQUIPMENT LABOR	0.15	0.15	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.15	0.70
LIVESTOCK LABOR	0.34	0.33	0.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.38	0.34	1.50
TOTAL LABOR	0.49	0.48	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.49	2.20

EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR

EQUIPMENT	CODE	DEPR	INT.	INS.	TAX	REPAIR	FUEL	LUB.	TOTAL OWN.	TOTAL OPER.	HOURS LABOR	ALLOC (%)
HAYRACK-FEEDER	1	40.00	30.80	2.20	1.10	2.00	0.0	0.0	74.10	2.00	0.67	0.001
STOCK TRAILER	2	280.00	215.80	15.40	7.70	11.20	0.0	0.0	518.70	11.20	0.67	0.001
STOCK SPRAYER	4	250.00	192.50	13.75	6.87	12.50	0.0	0.0	463.12	12.50	0.67	0.001
TACK	5	45.00	34.65	2.48	1.24	4.50	0.0	0.0	83.38	4.50	0.67	0.001
PICKUP TRUCK	10	1057.14	888.00	63.29	31.64	252.00	1470.00	73.50	2038.07	1795.50	700.00	0.001
HORSE	95	50.25	59.38	4.24	2.12	0.0	0.0	0.0	115.99	0.0	0.0	0.001

SELECTED EQUIPMENT COMPLEMENT INFORMATION

EQUIPMENT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	CODE	SIZE	UNIT	TYPE	LIST PRICE	PURCH PRICE	LIFE (YRS)	SALV. (%LP)	REPAIR (%LP)	FUEL USE	ANNUAL LABOR	ANNUAL USE	XXXXXX	XXXXXX	EFF.
HAYRACK-FEEDER	1.	16.	FEET	2.	400.	400.	10.	0.0	0.05	0.0	0.7	0.0	0.0	0.0	0.0
STOCK TRAILER	2.	24.	FEET	2.	2800.	2800.	10.	0.0	0.04	0.0	0.7	0.0	0.0	0.0	0.0
STOCK SPRAYER	4.	150.	GAL.	2.	1250.	2500.	10.	0.0	0.10	0.0	0.7	0.0	0.0	0.0	0.0
TACK	5.	1.	DOL.	2.	450.	450.	10.	0.0	0.10	0.0	0.7	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.	TON	2.	10500.	9500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
HORSE	95.	1.	HEAD	1.	500.	500.	8.	0.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0

LISTING OF ECONOMIC AND ENGINEERING DATA FOR EQUIPMENT IN REGION 3

DATE:010683

LUT4

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.
HAYRACK-FEEDER	1.	18.	19.	2.	400.	400.	10.	0.0	0.05	0.0	0.7	0.0	0.0	0.0	0.0
STOCK TRAILER	2.	24.	19.	2.	2800.	2800.	10.	0.0	0.04	0.0	0.7	0.0	0.0	0.0	0.0
GRAIN TRAILER	3.	14.	19.	2.	500.	500.	10.	0.0	0.04	0.0	0.7	0.0	0.0	0.0	0.0
STOCK SPRAYER	4.	150.	5.	2.	1250.	2500.	10.	0.0	0.10	0.0	0.7	0.0	0.0	0.0	0.0
TACK	5.	1.	15.	2.	450.	450.	10.	0.0	0.10	0.0	0.7	0.0	0.0	0.0	0.0
PENS & EQUIPMENT	6.	7500.	19.	2.	2500.	2500.	20.	0.0	0.05	0.0	3.0	0.0	0.0	0.0	0.0
FARROWING HOUSE	7.	491.	21.	2.	45550.	45550.	10.	0.0	0.01	0.0	30.0	0.0	0.0	0.0	0.0
NURSERY	8.	171.	21.	2.	34500.	34500.	10.	0.0	0.01	0.0	23.0	0.0	0.0	0.0	0.0
FINISHING FLOOR	9.	1280.	21.	2.	81820.	81820.	10.	0.0	0.01	0.0	35.0	0.0	0.0	0.0	0.0
PICKUP TRUCK	10.	1.	3.	2.	10500.	9500.	7.	0.20	0.17	1400.0	700.0	0.0	0.0	1.00	0.0
MILL & STORAGE	11.	1.	15.	2.	2500.	2500.	10.	0.0	0.01	0.0	8.0	0.0	0.0	0.0	0.0
WATER SYSTEM	12.	1.	15.	2.	1887.	1887.	10.	0.0	0.01	0.0	8.0	0.0	0.0	0.0	0.0
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 PURCH.	54.	1.	1.	1.	1075.	1075.	4.	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BEEF HEIFER RAI.	55.	1.	1.	1.	400.	400.	10.	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SOW PURCHASED	72.	1.	1.	1.	150.	150.	2.	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BOAR PURCHASED	74.	0.	1.	1.	500.	500.	2.	0.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HORSE	95.	1.	1.	1.	800.	800.	8.	0.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0