

KLEINGRASS ESTABLISHMENT, DRYLAND, TEXAS CROSS TIMBERS REGION
 1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
TOTAL PROJECTED RETURNS				\$ 0.0	\$ _____
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*KLEINGRASS SEED	2.00	LB.	6.00	12.00	_____
*NITROGEN	32.00	LB.	0.25	8.00	_____
*PHOSPHORUS	40.00	LB.	0.25	10.00	_____
FERTILIZER APPLI	2.00	APPL	2.40	4.80	_____
FUEL & LUBE--TRACTOR		ACRE		6.83	_____
EQUIPMENT		ACRE		1.48	_____
REPAIRS-----TRACTOR		ACRE		2.34	_____
EQUIPMENT		ACRE		1.47	_____
LABOR-----MACHINERY	1.35	HOUR	5.00	6.74	_____
EQUIPMENT	0.63	HOUR	5.00	3.15	_____
OPERATING CAPITAL	23.26	DOL.	0.150	3.49	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 60.29	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 60.29	\$ _____
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -60.29	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		7.79	_____
EQUIPMENT		ACRE		9.25	_____
LAND-CASH RENT	1.00	ACRE	8.00	8.00	_____
TOTAL FIXED COSTS		ACRE		\$ 25.04	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 85.33	\$ _____
6. NET PROJECTED RETURNS		ACRE		\$ -85.33	\$ _____

LAND CHARGE BASED ON PREVAILING RATES IN REGION.

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.

KLEINGRASS ESTABLISHMENT, DRYLAND, TEXAS CROSS TIMBERS 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
MB PLOW 4 BOTTOM	3,37	FEB	1.00	0.626	0.475	5.07	3.13	0.0	6.79	14.99
DISK-OFFSET	3,34	FEB	1.00	0.195	0.148	1.69	0.98	0.0	2.22	4.89
DISK-TANDEM	3,33	MAR	1.00	0.210	0.159	1.66	1.05	0.0	2.71	5.42
DRILL GRAIN	4,53	MAR	1.00	0.315	0.239	1.99	1.58	12.00	3.54	19.10
TOTALS				1.347	1.020	10.41	6.74	12.00	15.26	44.40

KLEINGRASS HAY, DRYLAND, TEXAS CROSS TIMBERS REGION
 1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
HAY-KLEIN	3.50	TON	55.00	192.50	
TOTAL PROJECTED RETURNS				\$ 192.50	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*NITROGEN	90.00	LB.	0.27	24.30	
*PHOSPHORUS	40.00	LB.	0.25	10.00	
*POTASSIUM	40.00	LB.	0.11	4.40	
FERTILIZER APPLI	2.00	APPL	2.40	4.80	
FUEL & LUBE--TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		2.30	
REPAIRS-----TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		0.35	
LABOR-----MACHINERY	0.0	HOURL	5.00	0.0	
EQUIPMENT	0.98	HOURL	5.00	4.90	
OPERATING CAPITAL	-2.17	DOL.	0.150	-0.33	
SUBTOTAL, PREHARVEST		ACRE		\$ 50.73	\$
HARVEST COSTS					
MOW,RAKE,BALE	116.00	BALE	0.65	75.40	
HAY HAUL & STORE	116.00	BALE	0.30	34.80	
SUBTOTAL, HARVEST		ACRE		\$ 110.20	\$
TOTAL VARIABLE COSTS		ACRE		\$ 160.93	\$
BREAK-EVEN PRICE, VARIABLE COSTS		\$ 45.98/TON		HAY-KLEIN	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 31.57	\$
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		2.78	
LAND-CASH RENT	1.00	ACRE	12.00	12.00	
PRORATED ESTABL	85.33	DOL.	0.15	12.80	
TOTAL FIXED COSTS		ACRE		\$ 27.58	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 188.51	\$
BREAK-EVEN PRICE, TOTAL COSTS		\$ 53.86/TON		HAY-KLEIN	
6. NET PROJECTED RETURNS		ACRE		\$ 3.99	\$

ESTABLISHMENT COST AMORTIZED OVER 15 YEARS.
 LAND CHARGE BASED ON PREVAILING RENTAL RATES IN THE REGION.

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KLEINGRASS HAY, DRYLAND, TEXAS CROSS TIMBERS 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
TOTALS				0.0	0.0	0.0	0.0	0.0	0.0	0.0

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 HAY-KLEIN (DOLLARS)				
		44.00	49.50	55.00	60.50	66.00
QUANTITY OF HAY-KLEIN	TON					
	2.80	-15.69	-0.29	15.11	30.51	45.91
	3.15	-11.31	6.02	23.34	40.67	57.99
	3.50	-6.93	12.32	31.57	50.82	70.07
	3.85	-2.55	18.63	39.80	60.98	82.15
	4.20	1.83	24.93	48.03	71.13	94.23

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

KLEINGRASS PASTURE, DRYLAND, TEXAS CROSS TIMBERS REGION
 1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
PASTURE-KLEIN	8.00	AUM	0.0	0.0	
TOTAL PROJECTED RETURNS				\$ 0.0	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*NITROGEN	60.00	LB.	0.27	16.20	
FERTILIZER APPLI	2.00	APPL	2.40	4.80	
FUEL & LUBE--TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		3.29	
REPAIRS-----TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		0.49	
LABOR-----MACHINERY	0.0	HOUR	5.00	0.0	
EQUIPMENT	1.40	HOUR	5.00	7.00	
OPERATING CAPITAL	14.23	DOL.	0.150	2.13	
SUBTOTAL, PREHARVEST		ACRE		\$ 33.92	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$
TOTAL VARIABLE COSTS		ACRE		\$ 33.92	\$
BREAK-EVEN PRICE, VARIABLE COSTS		\$ 4.24/AUM		PASTURE-KLEIN	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -33.92	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		3.97	
LAND-CASH RENT	1.00	ACRE	10.00	10.00	
PRORATED ESTABL	85.33	DOL.	0.15	12.80	
TOTAL FIXED COSTS		ACRE		\$ 26.77	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 60.69	\$
BREAK-EVEN PRICE, TOTAL COSTS		\$ 7.59/AUM		PASTURE-KLEIN	
6. NET PROJECTED RETURNS		ACRE		\$ -60.69	\$

ESTABLISHMENT COSTS AMORTIZED OVER 15 YEARS.
 LAND CHARGE BASED ON PREVAILING RATES IN THE REGION.

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KLEINGRASS PASTURE, DRYLAND, TEXAS CROSS TIMBERS 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
TOTALS				0.0	0.0	0.0	0.0	0.0	0.0	0.0

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 PASTURE-KLEIN (DOLLARS)				
		3.39	3.82	4.24	4.66	5.09
QUANTITY OF PASTURE-KLEIN	AUM					
	6.40	-12.21	-9.50	-6.78	-4.07	-1.36
	7.20	-9.50	-6.45	-3.39	-0.34	2.71
	8.00	-6.78	-3.39	0.0	3.39	6.78
	8.80	-4.07	-0.34	3.39	7.12	10.85
	9.60	-1.36	2.71	6.78	10.85	14.93

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

NATIVE GRASS PASTURE, DRYLAND, TEXAS CROSS TIMBERS REGION
 1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
TOTAL PROJECTED RETURNS				\$ 0.0	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
FUEL & LUBE--TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		0.66	_____
REPAIRS-----TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		0.10	_____
LABOR-----MACHINERY	0.0	0.0 HOUR	5.00	0.0	_____
EQUIPMENT	0.28	0.28 HOUR	5.00	1.40	_____
OPERATING CAPITAL	0.38	0.38 DOL.	0.150	0.06	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 2.21	\$ _____
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 2.21	\$ _____
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -2.21	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		0.79	_____
LAND-CASH RENT	1.00	1.00 ACRE	6.25	6.25	_____
TOTAL FIXED COSTS		ACRE		\$ 7.04	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 9.26	\$ _____
6. NET PROJECTED RETURNS		ACRE		\$ -9.26	\$ _____

LAND CHARGE BASED ON PREVAILING RATES IN REGION. INCOME FROM CROP
 REFLECTED IN LIVESTOCK BUDGETS.

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NATIVE GRASS PASTURE, DRYLAND, TEXAS CROSS TIMBERS REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

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

OATS FOR GRAZING, DRYLAND, TEXAS CROSS TIMBERS REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR
			\$/UNIT	VALUE	ESTIMATE
1. GROSS RECEIPTS					
BEEF PROD.	250.00	LB.	0.0	0.0	
TOTAL PROJECTED RETURNS				\$ 0.0	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*OAT SEED	100.00	LB.	0.14	14.00	
*NITROGEN	70.00	LB.	0.27	18.90	
*PHOSPHORUS	40.00	LB.	0.25	10.00	
*POTASSIUM	20.00	LB.	0.11	2.20	
FERTILIZER APPLI	2.00	APPL	2.40	4.80	
*INSECTICIDE	2.00	APPL	2.40	4.80	
FUEL & LUBE--TRACTOR		ACRE		8.24	
EQUIPMENT		ACRE		2.30	
REPAIRS-----TRACTOR		ACRE		2.55	
EQUIPMENT		ACRE		1.78	
LABOR-----MACHINERY	1.61	HOUR	5.00	8.05	
EQUIPMENT	0.98	HOUR	5.00	4.90	
OPERATING CAPITAL	45.02	DOL.	0.150	6.75	
SUBTOTAL, PREHARVEST		ACRE		\$ 89.28	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$
TOTAL VARIABLE COSTS		ACRE		\$ 89.28	\$
BREAK-EVEN PRICE, VARIABLE COSTS		\$ 0.36/LB.	BEEF PROD.		
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -89.28	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		11.49	
EQUIPMENT		ACRE		17.33	
LAND-CASH RENT	1.00	ACRE	25.00	25.00	
TOTAL FIXED COSTS		ACRE		\$ 53.81	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 143.10	\$
BREAK-EVEN PRICE, TOTAL COSTS		\$ 0.57/LB.	BEEF PROD.		
6. NET PROJECTED RETURNS		ACRE		\$ -143.10	\$
LAND CHARGE BASED ON PREVALING RATES IN REGION.					

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

B-1241(C13)

DATS FOR GRAZING, DRYLAND, TEXAS CROSS TIMBERS 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
CHISEL	2,45	JULY	1.00	0.267	0.202	2.40	1.33	0.0	7.40	11.14
CHISEL	2,45	AUG	1.00	0.267	0.202	2.40	1.33	0.0	7.40	11.14
DISK-OFFSET	3,34	SEPT	1.00	0.195	0.148	1.69	0.98	0.0	2.22	4.89
DISK-TANDEM	3,33	SEPT	1.00	0.210	0.159	1.66	1.05	0.0	2.71	5.42
DRILL GRAIN	3,53	SEPT	1.00	0.315	0.239	2.73	1.58	14.00	3.49	21.80
SPRAYER	5,73	OCT	1.00	0.178	0.135	0.67	0.89	2.40	1.40	5.36
SPRAYER	5,73	DEC	1.00	0.178	0.135	0.67	0.89	2.40	1.40	5.36
TOTALS				1.611	1.220	12.22	8.05	18.80	26.03	65.11

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 BEEF PROD. (DOLLARS)				
		0.29	0.32	0.36	0.39	0.43
QUANTITY OF BEEF PROD.	LB.					
	200.00	-32.14	-25.00	-17.86	-10.71	-3.57
	225.00	-25.00	-16.96	-8.93	-0.89	7.14
	250.00	-17.86	-8.93	0.0	8.93	17.86
	275.00	-10.71	-0.89	8.93	18.75	28.57
	300.00	-3.57	7.14	17.86	28.57	39.28

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

SUDAN-SORGHUM HAY, DRYLAND, TEXAS CROSS TIMBERS REGION
 1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
HAY-SUDAN-SORG	3.00	TON	55.00	165.00	
TOTAL PROJECTED RETURNS				\$ 165.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SEED	35.00	LB.	0.20	7.00	
*NITROGEN	60.00	LB.	0.27	16.20	
*PHOSPHORUS	40.00	LB.	0.25	10.00	
FERTILIZER APPLI	1.00	APPL	2.40	2.40	
FUEL & LUBE--TRACTOR		ACRE		6.83	
EQUIPMENT		ACRE		1.65	
REPAIRS-----TRACTOR		ACRE		2.34	
EQUIPMENT		ACRE		1.49	
LABOR-----MACHINERY	1.35	HOUR	5.00	6.74	
EQUIPMENT	0.70	HOUR	5.00	3.50	
OPERATING CAPITAL	8.95	DOL.	0.150	1.34	
SUBTOTAL, PREHARVEST		ACRE		\$ 59.49	\$
HARVEST COSTS					
MOW,RAKE,BALE	99.00	BALE	0.65	64.35	
HAY HAUL & STORE	99.00	BALE	0.30	29.70	
SUBTOTAL, HARVEST		ACRE		\$ 94.05	\$
TOTAL VARIABLE COSTS		ACRE		\$ 153.54	\$
BREAK-EVEN PRICE, VARIABLE COSTS		\$ 51.18/TON		HAY-SUDAN-SORG	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 11.46	\$
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		7.79	
EQUIPMENT		ACRE		9.45	
LAND-CASH RENT	1.00	ACRE	15.00	15.00	
TOTAL FIXED COSTS		ACRE		\$ 32.24	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 185.78	\$
BREAK-EVEN PRICE, TOTAL COSTS		\$ 61.93/TON		HAY-SUDAN-SORG	
6. NET PROJECTED RETURNS		ACRE		\$ -20.78	\$

LAND CHARGE BASED ON PREVAILING RATES IN REGION.

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SUDAN-SORGHUM HAY, DRYLAND, TEXAS CROSS TIMBERS 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
MB PLOW 4 BOTTOM	3,37	MAR	1.00	0.626	0.475	5.07	3.13	0.0	6.79	14.99
DISK-OFFSET	3,34	MAR	1.00	0.195	0.148	1.69	0.98	0.0	2.22	4.89
DISK-TANDEM	3,33	APR	1.00	0.210	0.159	1.66	1.05	0.0	2.71	5.42
DRILL GRAIN	4,53	APR	1.00	0.315	0.239	1.99	1.58	7.00	3.54	14.10
TOTALS				1.347	1.020	10.41	6.74	7.00	15.26	39.40

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 HAY-SUDAN-SORG (DOLLARS)				
		44.00	49.50	55.00	60.50	66.00
QUANTITY OF HAY-SUDAN-SORG	TON					
	2.40	-29.13	-15.93	-2.73	10.47	23.67
	2.70	-25.33	-10.48	4.37	19.22	34.07
	3.00	-21.54	-5.04	11.46	27.96	44.46
	3.30	-17.74	0.41	18.56	36.71	54.86
	3.60	-13.95	5.85	25.65	45.45	65.25

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

SUDANGRASS PASTURE, DRYLAND, TEXAS CROSS TIMBERS REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR
			\$/UNIT	VALUE	ESTIMATE
1. GROSS RECEIPTS					
PASTURE	5.00	AUM	0.0	0.0	
TOTAL PROJECTED RETURNS				\$ 0.0	\$
2. VARIABLE COSTS		INPUT USE			
PREHARVEST COSTS					
*SUDANGRASS SEED	25.00	LB.	0.20	5.00	
*NITROGEN	50.00	LB.	0.27	13.50	
*PHOSPHORUS	40.00	LB.	0.25	10.00	
FERTILIZER APPLI	1.00	APPL	2.40	2.40	
FUEL & LUBE---TRACTOR		ACRE		6.83	
EQUIPMENT		ACRE		1.81	
REPAIRS-----TRACTOR		ACRE		2.34	
EQUIPMENT		ACRE		1.51	
LABOR-----MACHINERY	1.35	HOUR	5.00	6.74	
EQUIPMENT	0.77	HOUR	5.00	3.85	
OPERATING CAPITAL	14.79	DOL.	0.150	2.22	
SUBTOTAL, PREHARVEST		ACRE		\$ 56.20	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$
TOTAL VARIABLE COSTS		ACRE		\$ 56.20	\$
BREAK-EVEN PRICE, VARIABLE COSTS		\$ 11.24/AUM	PASTURE		
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -56.20	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		7.79	
EQUIPMENT		ACRE		9.65	
LAND-CASH RENT	1.00	ACRE	15.00	15.00	
TOTAL FIXED COSTS		ACRE		\$ 32.44	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 88.64	\$
BREAK-EVEN PRICE, TOTAL COSTS		\$ 17.73/AUM	PASTURE		
6. NET PROJECTED RETURNS		ACRE		\$ -88.64	\$

LAND CHARGE BASED ON PREVAILING RATES IN REGION. INCOME FROM CROP
REFLECTED IN LIVESTOCK BUDGETS.

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(C13)

SUDANGRASS PASTURE, DRYLAND, TEXAS CROSS TIMBERS 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
MB PLOW 4 BOTTOM	3,37	FEB	1.00	0.626	0.475	5.07	3.13	0.0	6.79	14.99
DISK-OFFSET	3,34	FEB	1.00	0.195	0.148	1.69	0.98	0.0	2.22	4.89
DISK-TANDEM	3,33	MAR	1.00	0.210	0.159	1.66	1.05	0.0	2.71	5.42
DRILL GRAIN	4,53	APR	1.00	0.315	0.239	1.99	1.58	5.00	3.54	12.10
TOTALS				1.347	1.020	10.41	6.74	5.00	15.26	37.40

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 PASTURE (DOLLARS)				
		8.99	10.12	11.24	12.36	13.49
QUANTITY OF PASTURE	AUM					
	4.00	-20.23	-15.74	-11.24	-6.74	-2.25
	4.50	-15.74	-10.68	-5.62	-0.56	4.50
	5.00	-11.24	-5.62	0.0	5.62	11.24
	5.50	-6.74	-0.56	5.62	11.80	17.98
	6.00	-2.25	4.50	11.24	17.98	24.73

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

IRRIGATED PEACHES, TEXAS CROSS TIMBERS REGION
 1983 PROJECTED COSTS AND RETURNS PER ACRE
 FIRST YEAR

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
TOTAL PROJECTED RETURNS			\$	0.0	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
PEACH TREES	100.00	TREE	1.90	190.00	
TREE WRAP	100.00	TREE	0.05	5.00	
NITROGEN	18.00	LB.	0.27	4.86	
PHOSPHATE	6.00	LB.	0.25	1.50	
POTASH	6.00	LB.	0.11	0.66	
BORER CONTROL	1.00	ACRE	3.00	3.00	
BACTERIAL SPOT	1.00	APPL	2.15	2.15	
PCH DMNT OIL	1.00	APPL	1.80	1.80	
COVER CROP	28.00	LB.	0.17	4.76	
CUSTOM PLOW	1.00	ACRE	9.00	9.00	
CUSTOM DRILL	1.00	ACRE	4.00	4.00	
MISC. EXPENSE	1.00	ACRE	25.00	25.00	
IRRIGATION WATER	0.30	ACIN			
FUEL & LUBE--TRACTOR		ACRE		5.23	
EQUIPMENT		ACRE		82.32	
IRRIGATION		ACRE		8.16	
REPAIRS-----TRACTOR		ACRE		0.28	
EQUIPMENT		ACRE		13.31	
LABOR-----MACHINERY	1.94	HOUR	5.00	9.72	
IRRIGATION	6.00	HOUR	5.00	30.00	
EQUIPMENT	35.00	HOUR	5.00	175.00	
OTHER	15.00	HOUR	5.00	75.00	
OPERATING CAPITAL	199.58	DOL.	0.120	23.95	
SUBTOTAL, PREHARVEST		ACRE		\$ 674.71	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$
TOTAL VARIABLE COSTS		ACRE		\$ 674.71	\$
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -674.71	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		101.06	
EQUIPMENT		ACRE		106.46	
IRRIGATION		ACRE		120.32	
LAND-CASH RENT	1.00	ACRE	25.00	25.00	
TOTAL FIXED COSTS		ACRE		\$ 352.85	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 1027.55	\$
6. NET PROJECTED RETURNS		ACRE		\$ -1027.55	\$

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.

IRRIGATED PEACHES, TEXAS CROSS TIMBERS REGION
 1983 PROJECTED COSTS AND RETURNS PER ACRE
 FIRST YEAR

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	7,32	AUG	1.00	0.324	0.245	1.08	1.62	0.0	17.24	19.93
TANDEM DISC	7,32	SEPT	1.00	0.324	0.245	1.08	1.62	0.0	17.24	19.93
TANDEM DISC	7,32	APR	1.00	0.324	0.245	1.08	1.62	0.0	17.24	19.93
TANDEM DISC	7,32	MAY	1.00	0.324	0.245	1.08	1.62	0.0	17.24	19.93
TANDEM DISC	7,32	JUNE	1.00	0.324	0.245	1.08	1.62	0.0	17.24	19.93
TANDEM DISC	7,32	JULY	1.00	0.324	0.245	1.08	1.62	0.0	17.24	19.93
TOTALS				1.944	1.473	6.47	9.72	0.0	103.41	119.60

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	0.10	2.000	0.905	2.72	10.00	0.0	40.11	52.83
WATER APPLICATION	JUNE	0.10	2.000	0.905	2.72	10.00	0.0	40.11	52.83
WATER APPLICATION	JULY	0.10	2.000	0.905	2.72	10.00	0.0	40.11	52.83
TOTALS		0.30	6.000	2.715	8.16	30.00	0.0	120.32	158.49

IRRIGATED PEACHES, TEXAS CROSS TIMBERS REGION
 1983 PROJECTED COSTS AND RETURNS PER ACRE
 SECOND YEAR

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
TOTAL PROJECTED RETURNS				\$ 0.0	\$
2. VARIABLE COSTS		INPUT USE			
PREHARVEST COSTS					
PEACH TREES	5.00	TREE	1.90	9.50	
NITROGEN	36.00	LB.	0.27	9.72	
PHOSPHATE	12.00	LB.	0.25	3.00	
POTASH	12.00	LB.	0.11	1.32	
*PCH BOR INST	1.00	APPL	3.00	3.00	
PCH DMNT OIL	1.00	APPL	2.40	2.40	
MISC. EXPENSE	1.00	ACRE	25.00	25.00	
BACTERIAL SPOT	1.00	APPL	2.15	2.15	
IRRIGATION WATER	0.60	ACIN			
FUEL & LUBE--TRACTOR		ACRE		11.83	
EQUIPMENT		ACRE		82.32	
IRRIGATION		ACRE		11.48	
REPAIRS-----TRACTOR		ACRE		1.05	
EQUIPMENT		ACRE		14.42	
LABOR-----MACHINERY	4.39	HOUR	5.00	21.96	
IRRIGATION	6.00	HOUR	5.00	30.00	
EQUIPMENT	35.00	HOUR	5.00	175.00	
OTHER	20.00	HOUR	5.00	100.00	
OPERATING CAPITAL	84.02	DOL.	0.120	10.08	
SUBTOTAL, PREHARVEST		ACRE		\$ 514.22	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		\$ 0.0	\$
TOTAL VARIABLE COSTS		ACRE		\$ 514.22	\$
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -514.22	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		101.07	
EQUIPMENT		ACRE		110.64	
IRRIGATION		ACRE		120.32	
PRORATED ESTABL	1027.55	DOL.	0.12	123.31	
LAND-CASH RENT	1.00	ACRE	25.00	25.00	
TOTAL FIXED COSTS		ACRE		\$ 480.34	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 994.56	\$
6. NET PROJECTED RETURNS		ACRE		\$ -994.56	\$

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IRRIGATED PEACHES, TEXAS CROSS TIMBERS REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
SECOND YEAR

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	7,32	AUG	1.00	0.324	0.245	1.11	1.62	0.0	7.85	10.57
SPRAYER ORCHARD	7,74	AUG	1.00	0.856	0.649	3.05	4.28	3.00	20.88	31.20
TANDEM DISC	7,32	SEPT	1.00	0.324	0.245	1.11	1.62	0.0	7.85	10.57
TANDEM DISC	7,32	APR	1.00	0.324	0.245	1.11	1.62	0.0	7.85	10.57
SHREDDER	7,62	APR	1.00	0.736	0.557	2.20	3.68	0.0	18.76	24.64
TANDEM DISC	7,32	MAY	1.00	0.324	0.245	1.11	1.62	0.0	7.85	10.57
TANDEM DISC	7,32	JUNE	1.00	0.324	0.245	1.11	1.62	0.0	7.85	10.57
SPRAYER ORCHARD	7,74	JUNE	1.00	0.856	0.649	3.05	4.28	0.0	20.88	28.20
TANDEM DISC	7,32	JULY	1.00	0.324	0.245	1.11	1.62	0.0	7.85	10.57
TOTALS				4.392	3.327	14.94	21.96	3.00	107.60	147.50

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	0.20	2.000	1.810	3.83	10.00	0.0	40.11	53.93
WATER APPLICATION	JUNE	0.20	2.000	1.810	3.83	10.00	0.0	40.11	53.93
WATER APPLICATION	JULY	0.20	2.000	1.810	3.83	10.00	0.0	40.11	53.93
TOTALS		0.60	6.000	5.431	11.48	30.00	0.0	120.32	161.80

IRRIGATED PEACHES, TEXAS CROSS TIMBERS REGION
 1983 PROJECTED COSTS AND RETURNS PER ACRE
 THIRD YEAR

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
PEACHES WHSLE	42.00	BU.	10.00	420.00	
TOTAL PROJECTED RETURNS				\$ 420.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
PEACH TREES	5.00	TREE	1.90	9.50	
*NITROGEN	36.00	LB.	0.27	9.72	
*PHOSPHATE	36.00	LB.	0.25	9.00	
*POTASH	36.00	LB.	0.11	3.96	
PEACH HERB.	1.66	LB.	3.00	4.98	
*PEACH BORE	2.00	APPL	3.00	6.00	
*PCH DMNT OIL	1.00	APPL	3.00	3.00	
*PINK BUD	0.50	APPL	10.20	5.10	
PETAL FALL	0.50	APPL	10.20	5.10	
SHUCK SPLIT	0.50	APPL	10.20	5.10	
*FIRST COVER	0.50	APPL	13.90	6.95	
*SECOND COVER	0.50	APPL	13.90	6.95	
*THIRD COVER	0.50	APPL	14.20	7.10	
*FOURTH COVER	0.50	APPL	14.20	7.10	
*FIFTH COVER	0.50	APPL	14.20	7.10	
*SIXTH COVER	0.50	APPL	14.20	7.10	
*SEVENTH COVER	0.50	APPL	14.20	7.10	
*PRE-HARVEST	0.50	APPL	15.20	7.60	
*BACTERIAL SPOT	1.00	APPL	3.20	3.20	
MISC. EXPENSE	1.00	ACRE	25.00	25.00	
IRRIGATION WATER	0.90	ACIN			
FUEL & LUBE--TRACTOR		ACRE		20.44	
EQUIPMENT		ACRE		82.32	
IRRIGATION		ACRE		19.64	
REPAIRS-----TRACTOR		ACRE		2.57	
EQUIPMENT		ACRE		25.76	
LABOR-----MACHINERY	7.59	HOUR	5.00	37.96	
IRRIGATION	9.00	HOUR	5.00	45.00	
EQUIPMENT	35.00	HOUR	5.00	175.00	
OTHER	23.50	HOUR	5.00	117.50	
OPERATING CAPITAL	80.17	DOL.	0.120	9.62	
SUBTOTAL, PREHARVEST		ACRE		\$ 682.48	\$
HARVEST COSTS					
PEACH CONTAINERS	84.00	CRTN	0.42	35.28	
HARVESTING LABOR	22.00	HOUR	4.00	88.00	
FUEL & LUBE--TRACTOR		ACRE		0.78	
REPAIRS-----TRACTOR		ACRE		0.10	
EQUIPMENT		ACRE		0.02	
LABOR-----MACHINERY	0.29	HOUR	5.00	1.45	
SUBTOTAL, HARVEST		ACRE		\$ 125.63	\$
TOTAL VARIABLE COSTS		ACRE		\$ 808.10	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 19.24/BU.	PEACHES WHSLE	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -388.10	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		101.05	
EQUIPMENT		ACRE		148.99	
IRRIGATION		ACRE		120.32	
PRORATED ESTABL	2022.12	DOL.	0.12	242.65	
LAND-CASH RENT	1.00	ACRE	25.00	25.00	
TOTAL FIXED COSTS		ACRE		\$ 638.01	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 1446.12	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 34.43/BU.	PEACHES WHSLE	
6. NET PROJECTED RETURNS		ACRE		\$ -1026.12	\$

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IRRIGATED PEACHES, TEXAS CROSS TIMBERS REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
THIRD YEAR

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	7,32	AUG	1.00	0.324	0.245	1.14	1.62	0.0	4.54	7.30
SPRAYER ORCHARD	7,74	AUG	1.00	0.856	0.649	3.13	4.28	3.00	12.15	22.56
TANDEM DISC	7,32	SEPT	1.00	0.324	0.245	1.14	1.62	0.0	4.54	7.30
SPRAYER ORCHARD	7,74	OCT	1.00	0.856	0.649	3.13	4.28	0.0	12.15	19.56
SPRAYER AIRBLAST	7,75	NOV	1.00	0.178	0.135	1.44	0.89	6.20	4.20	12.74
FERT. APPLI. RENTD	7,86	FEB	1.00	0.203	0.154	0.62	1.02	11.34	2.60	15.58
SPRAYER AIRBLAST	7,75	MAR	1.00	0.178	0.135	1.44	0.89	5.10	4.20	11.64
TANDEM DISC	7,32	APR	1.00	0.324	0.245	1.14	1.62	0.0	4.54	7.30
SPRAYER AIRBLAST	7,75	APR	3.00	0.535	0.405	4.32	2.68	6.95	12.61	26.56
SHREDDER	7,62	APR	1.00	0.736	0.557	2.27	3.68	0.0	11.26	17.21
TANDEM DISC	7,32	MAY	1.00	0.324	0.245	1.14	1.62	0.0	4.54	7.30
SPRAYER AIRBLAST	7,75	MAY	3.00	0.535	0.405	4.32	2.68	21.15	12.61	40.76
FLATBED TRAILER	7,93	MAY	0.06	0.041	0.031	0.13	0.21	0.0	2.06	2.39
TANDEM DISC	7,32	JUNE	1.00	0.324	0.245	1.14	1.62	0.0	4.54	7.30
SPRAYER ORCHARD	7,74	JUNE	1.00	0.856	0.649	3.13	4.28	3.00	12.15	22.56
SPRAYER AIRBLAST	7,75	JUNE	3.00	0.535	0.405	4.32	2.68	21.30	12.61	40.91
FLATBED TRAILER	7,93	JUNE	0.18	0.124	0.094	0.38	0.62	0.0	6.18	7.18
TANDEM DISC	7,32	JULY	1.00	0.324	0.245	1.14	1.62	0.0	4.54	7.30
SPRAYER AIRBLAST	7,75	JULY	1.00	0.178	0.135	1.44	0.89	7.60	4.20	14.14
FLATBED TRAILER	7,93	JULY	0.18	0.124	0.094	0.38	0.62	0.0	6.18	7.18
TOTALS				7.882	5.971	37.31	39.41	85.64	142.44	304.80

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	0.35	3.500	3.168	7.64	17.50	0.0	46.79	71.93
WATER APPLICATION	JUNE	0.20	2.000	1.810	4.36	10.00	0.0	26.74	41.10
WATER APPLICATION	JULY	0.35	3.500	3.168	7.64	17.50	0.0	46.79	71.93
TOTALS		0.90	9.000	8.146	19.64	45.00	0.0	120.32	184.96

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 PEACHES WHSLE
(DOLLARS)

	8.00	9.00	10.00	11.00	12.00
BU.					
33.60	-514.65	-481.05	-447.45	-413.85	-380.25
37.80	-493.38	-455.58	-417.78	-379.98	-342.18
42.00	-472.10	-430.10	-388.10	-346.10	-304.10
46.20	-450.83	-404.63	-358.43	-312.23	-266.03
50.40	-429.56	-379.16	-328.76	-278.36	-227.96

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

IRRIGATED PEACHES, TEXAS CROSS TIMBERS REGION
 1983 PROJECTED COSTS AND RETURNS PER ACRE
 FOURTH THRU FIFTEENTH YEAR

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
PEACHES WHSLE	250.00	BU.	10.00	2500.00	
TOTAL PROJECTED RETURNS				\$ 2500.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
PCH DMT OIL	1.00	APPL	3.60	3.60	
*NITROGEN	48.00	LB.	0.27	12.96	
*PHOSPHATE	48.00	LB.	0.25	12.00	
*POTASH	48.00	LB.	0.11	5.28	
PEACH HERB.	1.66	LB.	3.00	4.98	
*PINK BUD YR	1.00	APPL	10.20	10.20	
*SHUCK SPLIT	1.00	APPL	10.20	10.20	
*PETAL FALL	1.00	APPL	10.20	10.20	
*FIRST COVER	1.00	APPL	13.90	13.90	
*SECOND COVER	1.00	APPL	13.90	13.90	
*THIRD COVER	1.00	APPL	14.20	14.20	
*FORTH COVER	1.00	APPL	14.20	14.20	
*FIFTH COVER	1.00	APPL	14.20	14.20	
*PEACH BORE	1.00	APPL	6.00	6.00	
*SIXTH COVER	1.00	APPL	14.20	14.20	
*SEVENTH COVER	1.00	APPL	14.20	14.20	
*PRE-HARVEST	1.00	APPL	15.20	15.20	
BACTERIAL SPOT	1.00	APPL	3.20	3.20	
MISC. EXPENSE	1.00	ACRE	25.00	25.00	
IRRIGATION WATER	1.80	ACIN			
FUEL & LUBE---TRACTOR		ACRE		15.35	
EQUIPMENT		ACRE		82.32	
IRRIGATION		ACRE		39.28	
REPAIRS-----TRACTOR		ACRE		1.87	
EQUIPMENT		ACRE		23.79	
LABOR-----MACHINERY	5.70	HOUR	5.00	28.50	
IRRIGATION	9.00	HOUR	5.00	45.00	
EQUIPMENT	35.00	HOUR	5.00	175.00	
OTHER	71.50	HOUR	5.00	357.50	
OPERATING CAPITAL	-91.00	DOL.	0.120	-10.92	
SUBTOTAL, PREHARVEST		ACRE		\$ 975.31	\$
HARVEST COSTS					
*PEACH CONTAINERS	500.00	CRTN	0.42	210.00	
HARVESTING LABOR	60.00	HOUR	4.00	240.00	
FUEL & LUBE---TRACTOR		ACRE		4.65	
EQUIPMENT		ACRE		5.88	
REPAIRS-----TRACTOR		ACRE		0.57	
EQUIPMENT		ACRE		0.28	
LABOR-----MACHINERY	1.73	HOUR	5.00	8.64	
SUBTOTAL, HARVEST		ACRE		\$ 470.02	\$
TOTAL VARIABLE COSTS		ACRE		\$ 1445.33	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 5.78/BU.	PEACHES WHSLE	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 1054.67	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		101.09	
EQUIPMENT		ACRE		162.74	
IRRIGATION		ACRE		120.32	
PRORATED ESTABL	3048.23	DOL.	0.12	365.79	
LAND-CASH RENT	1.00	ACRE	25.00	25.00	
TOTAL FIXED COSTS		ACRE		\$ 774.95	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 2220.28	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 8.88/BU.	PEACHES WHSLE	
6. NET PROJECTED RETURNS		ACRE		\$ 279.72	\$

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.

IRRIGATED PEACHES, TEXAS CROSS TIMBERS REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE
FOURTH THRU FIFTEENTH YEAR

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	7,32	AUG	1.00	0.324	0.245	1.14	1.62	0.0	4.80	7.56
TANDEM DISC	7,32	SEPT	1.00	0.324	0.245	1.14	1.62	0.0	4.80	7.56
FERT.APPLI,RENTD	7,86	FEB	1.00	0.203	0.154	0.61	1.02	15.12	2.76	19.51
SPRAYER AIRBLAST	7,75	MAR	1.00	0.178	0.135	1.44	0.89	10.20	4.34	16.87
TANDEM DISC	7,32	APR	1.00	0.324	0.245	1.14	1.62	0.0	4.80	7.56
SPRAYER AIRBLAST	7,75	APR	3.00	0.535	0.405	4.32	2.68	34.30	13.03	54.32
SHREDDER	7,62	APR	1.00	0.736	0.557	2.27	3.68	0.0	11.84	17.78
FLATBED TRAILER	7,93	MAY	0.50	0.346	0.262	1.10	1.73	0.0	6.84	9.67
TANDEM DISC	7,32	MAY	1.00	0.324	0.245	1.14	1.62	0.0	4.80	7.56
SPRAYER AIRBLAST	7,75	MAY	3.00	0.535	0.405	4.32	2.68	42.30	13.03	62.32
FLATBED TRAILER	7,93	JUNE	1.00	0.691	0.524	2.20	3.46	0.0	13.68	19.34
TANDEM DISC	7,32	JUNE	1.00	0.324	0.245	1.14	1.62	0.0	4.80	7.56
SPRAYER ORCHARD	7,74	JUNE	1.00	0.856	0.649	3.12	4.28	0.0	12.83	20.23
SPRAYER AIRBLAST	7,75	JUNE	3.00	0.535	0.405	4.32	2.68	28.40	13.03	48.42
FLATBED TRAILER	7,93	JULY	1.00	0.691	0.524	2.20	3.46	0.0	13.68	19.34
TANDEM DISC	7,32	JULY	1.00	0.324	0.245	1.14	1.62	0.0	4.80	7.56
SPRAYER AIRBLAST	7,75	JULY	1.00	0.178	0.135	1.44	0.89	29.40	4.34	36.07
TOTALS				7.429	5.628	34.15	37.15	159.72	138.21	369.23

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	0.60	3.000	5.431	13.09	15.00	0.0	40.11	68.20
WATER APPLICATION	MAY	0.20	1.000	1.810	4.36	5.00	0.0	13.37	22.73
WATER APPLICATION	JUNE	0.40	2.000	3.621	8.73	10.00	0.0	26.74	45.47
WATER APPLICATION	JULY	0.60	3.000	5.431	13.09	15.00	0.0	40.11	68.20
TOTALS		1.80	9.000	16.293	39.28	45.00	0.0	120.32	204.60

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 PEACHES WHSLE
(DOLLARS)

		8.00	9.00	10.00	11.00	12.00
QUANTITY OF PEACHES WHSLE	BU.					
	200.00	244.67	444.67	644.67	844.67	1044.67
	225.00	399.67	624.67	849.67	1074.67	1299.67
	250.00	554.67	804.67	1054.67	1304.67	1554.67
	275.00	709.67	984.67	1259.67	1534.67	1809.67
	300.00	864.67	1164.67	1464.67	1764.67	2064.67

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
1	MILK	DAIR	CWT.	14.30	196	COASTAL HAY		TON	55.00
3	WOOL		LB.	1.35	198	WINTER WHEAT SD.		LB.	0.12
6	STOCKER STEERS	BEEF	CWT.	70.00	202	HAY	LIVE	CWT.	3.75
8	FEEDER STEERS	BEEF	CWT.	63.00	203	HAY		CWT.	3.75
13	STEER CALVES	BEEF	CWT.	67.00	211	NITROGEN		LB.	0.27
14	HEIFER CALVES	BEEF	CWT.	60.00	212	NITROGEN (DRY)		LB.	0.27
15	BREEDING HEIFERS		HEAD	650.00	213	NITROGEN		LB.	0.25
17	CULL COWS	BEEF	CWT.	40.00	214	NITROGEN		LB.	0.27
18	BULL		HEAD	1500.00	215	PHOSPHATE		LB.	0.25
19	HEIFER CALVES		HEAD	110.00	216	PHOSPHORUS		LB.	0.25
20	BULL CALVES		HEAD	100.00	218	INSECTICIDE		APPL	8.00
21	CULL DAIRY COWS		CWT.	40.00	220	POTASH		LB.	0.11
23	KID MOHAIR		LB.	7.00	221	POTASSIUM		LB.	0.11
24	ADULT MOHAIR		LB.	4.00	236	SOIL FUNGICIDE		APPL	13.00
25	KID GOATS		HEAD	30.00	237	FOLIAR FUNGICIDE		APPL	6.30
26	DOES		LB.	0.20	240	INSECTICIDE	PNUT	APPL	9.00
31	LAMBS		LB.	0.65	245	INSECTICIDE	S.G.	APPL	2.40
36	CULL EWES		LB.	0.20	248	HERB, PREMERGE		ACRE	4.25
43	MARKET HOGS	SWIN	CWT.	52.00	269	CUST HARV WHEAT		BU.	0.30
48	DEATH LOSS 2%	MH	DOL.	37.50	270	CUST HARV SORG D		CWT.	0.40
49	FEEDER PIGS	SWIN	CWT.	95.00	283	HAUL GRAIN SORG		CWT.	0.20
70	DEFICIENCY PMT.	WHET	BU.	0.65	284	HAUL WHEAT		BU.	0.12
71	DEFICIENCY PMT.	SORG	CWT.	0.36	330	FERTILIZER APPLI		APPL	2.40
73	GRAIN SORGHUM		CWT.	4.29	337	CUSTOM SPRIGGING		ACRE	27.00
76	WHEAT		BU.	3.30	339	MOW,RAKE,BALE	HAY	BALE	0.65
95	PEANUTS, QUOTA		LB.	0.27	369	PEACH TREES		TREE	1.90
97	PEACHES WHSLE		BU.	10.00	370	TREE WRAP		TREE	0.05
100	SALT & MINERALS		CWT.	14.30	383	MARKETING		HEAD	5.25
101	SALT		CWT.	4.75	387	SALES COMM	DAIR	HEAD	8.24
103	SALT & MIN.		CWT.	17.50	388	MISC EXPENSE	BEEF	HEAD	5.00
108	SUPPLEMENT		CWT.	6.50	389	MARKETING (MH)		HEAD	3.45
109	RANGE SUPPLEMENT	BEEF	CWT.	6.50	390	MARKETING	F&F	HEAD	55.20
110	RANGE CUBES	BEEF	CWT.	9.50	392	MARKETING	LIVE	DOL.	5.25
112	PROT. SUPPLEMENT		CWT.	9.00	393	MISC EXPENSE	LIVE	HEAD	21.00
122	MILK REPLACER	DAIR	LB.	0.53	394	REPAIRS & MAINT.	LIVE	DOL.	1.00
123	GRAIN MIX	DAIR	CWT.	7.50	399	MGMT RECORDS	DAIR	HEAD	18.00
129	FINISHING RATION	SWIN	CWT.	9.10	400	MISC EXPENSE	DAIR	HEAD	16.00
134	SALT & MIN STCKR		CWT.	10.00	401	MISC. EXPENSE	PCH	ACRE	25.00
135	SOW FEED GEST.	SWIN	CWT.	9.00	403	MISC EXPENSE	MH	HEAD	1.00
136	SOW FEED LACT.	SWIN	CWT.	9.40	404	MISC EXPENSE		HEAD	10.00
137	BOAR FEED	SWIN	CWT.	9.00	406	VET MED		HEAD	0.50
138	PIG STARTER	SWIN	CWT.	12.50	407	VET MED (STCKRS)		HEAD	4.00
148	DEATH LOSS STOC.		DOL.	300.00	408	VET MEDICINE	DAIR	HEAD	35.00
149	BREEDING		HEAD	24.50	410	VET MEDICINE	BC	HEAD	6.00
150	COASTAL PASTURE		ACRE	58.90	413	SHEARING		HEAD	1.50
152	SM. GR. PASTURE	DAIR	HEAD	81.20	414	VET MED (MH)		HEAD	1.15
154	PASTURE, NATIVE		ACRE	1.85	415	VET MED (SOWS)		HEAD	6.50
163	SORGHUM SILAGE	DAIR	TON	25.00	416	VET MED (PIGS)		HEAD	0.80
180	SEED		LB.	0.20	460	UTILITIES	DAIR	HEAD	40.00
186	GRAIN SORG. SEED		LB.	0.50	469	QUOTA COST		LB.	0.02

= 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					

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
484	HAULING	DAIR	CWT.	0.78	570	PEACH BORE	4-15	APPL	6.00
486	SALES COMM	STKR	HEAD	7.75	572	BACTERIAL SPOT	4-15	APPL	3.20
489	SUPPLIES	DAIR	HEAD	34.75	573	HARVESTING LABOR		hour	4.00
490	SALES COMM.	GOAT	HEAD	1.00	574	PRE-HARVEST	4-15	APPL	15.20
491	SALES COMM.	SHEP	HEAD	1.00	575	CUSTOM DRILL		ACRE	4.00
492	SALES COMM.	SWIN	HEAD	1.75	576	CUSTOM PLOW		ACRE	9.00
501	COVER CROP	PCH	LB.	0.17	577	BACTERIAL SPOT	1-2	APPL	2.15
510	CUST. DRY PNUTS		TON	20.00					
511	HAY HAUL & STORE		BALE	0.30					
514	HAY-SUDAN-SORG		TON	55.00					
516	HAY-KLEIN		TON	55.00					
518	KLEINGRASS SEED		LB.	6.00					
519	OAT SEED		LB.	0.14					
520	PEANUT SEED		LB.	0.70					
521	SUDANGRASS SEED		LB.	0.20					
522	BEEF PROD.								
524	INSECT. SKIP-R	DRY	APPL	6.00					
525	SOIL FUNG SKIP-R		APPL	8.65					
526	FOL FUNG SKIP-R		APPL	4.20					
527	INSECT. SKIP-R	IRR	APPL	5.33					
539	BORER CONTROL		ACRE	3.00					
540	PCH BOR INST	2ND	APPL	3.00					
541	PEACH HERB.	2-15	LB.	3.00					
543	PCH DMNT OIL	1ST	APPL	1.80					
544	PCH DMNT OIL	2ND	APPL	2.40					
545	PCH DMNT OIL	3RD	APPL	3.00					
546	PCH DMT OIL	4-15	APPL	3.60					
547	PINK BUD	3RD	APPL	10.20					
548	PETAL FALL	3RD	APPL	10.20					
549	SHUCK SPLIT	3RD	APPL	10.20					
550	FIRST COVER	3RD	APPL	13.90					
551	SECOND COVER	3RD	APPL	13.90					
552	THIRD COVER	3RD	APPL	14.20					
553	FOURTH COVER	3RD	APPL	14.20					
554	FIFTH COVER	3RD	APPL	14.20					
555	SIXTH COVER	3RD	APPL	14.20					
556	SEVENTH COVER	3RD	APPL	14.20					
557	PRE-HARVEST	3RD	APPL	15.20					
558	PEACH CONTAINERS		CRTN	0.42					
559	PINK BUD YR	4-15	APPL	10.20					
560	PETAL FALL	4-15	APPL	10.20					
561	SHUCK SPLIT	4-15	APPL	10.20					
562	FIRST COVER	4-15	APPL	13.90					
563	SECOND COVER	4-15	APPL	13.90					
564	THIRD COVER	4-15	APPL	14.20					
565	FORTH COVER	4-15	APPL	14.20					
566	FIFTH COVER	4-15	APPL	14.20					
567	SIXTH COVER	4-15	APPL	14.20					
568	SEVENTH COVER	4-15	APPL	14.20					
569	PEACH BORE	3RD	APPL	3.00					

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