FORAGE SORGHUM HAY, DRYLAND
TEXAS WINTER GARDEN REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
SORGHUM HAY	4.50	TON	60.00	270.00	________
TOTAL PROJECTED RETURNS				$ 270.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*FORAGE SORG SEED	30.00	LB.	0.32	9.60	________
*NITROGEN (ANHY)	80.00	LB.	0.14	11.20	________
*PHOSPHATE	40.00	LB.	0.30	12.00	________
FUEL & LUBE--TRACTOR		ACRE		7.53	________
EQUIPMENT		ACRE		0.62	________
REPAIRS------TRACTOR		ACRE		1.90	________
EQUIPMENT		ACRE		1.12	________
LABOR--------MACHINERY	1.47	HOUR	5.00	7.34	________
EQUIPMENT	0.28	HOUR	3.80	1.06	________
OPERATING CAPITAL	-1.49	DOL.	0.135	-0.20	________
SUBTOTAL, PREHARVEST		ACRE		$ 52.18	$________
HARVEST COSTS					
MOW,RAKE,BALE	149.00	BALE	0.70	104.30	________
CUSTOM HAUL	149.00	BALE	0.35	52.15	________
SUBTOTAL, HARVEST		ACRE		$ 156.45	$________
TOTAL VARIABLE COSTS		ACRE		$ 208.63	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 46.36/TON	SORGHUM HAY		
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 61.37	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		14.52	________
EQUIPMENT		ACRE		10.18	________
LAND-CASH RENT	1.00	ACRE	15.00	15.00	________
MISC ADMIN O/H	0.30	ACRE	15.00	4.50	________
TOTAL FIXED COSTS		ACRE		$ 44.20	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 252.83	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 56.18/TON	SORGHUM HAY		
6. NET PROJECTED RETURNS		ACRE		$ 17.17	$________

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.

FORAGE SORGHUM HAY, DRYLAND
TEXAS WINTER GARDEN 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	3,30	OCT	1.00	0.263	0.199	1.92	1.31	0.0	3.62	6.85
CHISEL PLOW	3,33	NOV	1.00	0.202	0.153	1.51	1.01	0.0	2.62	5.14
OFFSET DISC	3,34	NOV	1.00	0.228	0.173	1.62	1.14	0.0	4.72	7.49
ANHYDROUS SPRDER	3,61	FEB	1.00	0.151	0.115	0.97	0.76	5.60	1.50	8.82
DRY FERT SPRDER	3,60	FEB	1.00	0.203	0.154	1.46	1.02	12.00	3.82	18.29
GRAIN DRILL	3,46	FEB	1.00	0.270	0.205	1.99	1.35	9.60	6.13	19.07
ANHYDROUS SPRDER	3,61	MAY	1.00	0.151	0.115	0.97	0.76	5.60	1.50	8.82
TOTALS				1.468	1.112	10.46	7.34	32.80	23.90	74.50

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 SORGHUM HAY (DOLLARS)

QUANTITY OF SORGHUM HAY (TON)	48.00	54.00	60.00	66.00	72.00
3.60	-4.54	17.06	38.66	60.26	81.86
4.05	1.42	25.72	50.02	74.32	98.62
4.50	7.37	34.37	61.37	88.37	115.37
4.95	13.33	43.03	72.73	102.43	132.13
5.40	19.28	51.68	84.08	116.48	148.88

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

FORAGE SORGHUM HAY, IRRIGATED
TEXAS WINTER GARDEN REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
SORGHUM HAY	10.00	TON	60.00	600.00	________
TOTAL PROJECTED RETURNS				$ 600.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*FORAGE SORG SEED	40.00	LB.	0.32	12.80	________
*NITROGEN (ANHY)	240.00	LB.	0.14	33.60	________
*PHOSPHATE	60.00	LB.	0.30	18.00	________
IRRIGATION WATER	20.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		9.57	________
EQUIPMENT		ACRE		1.39	________
IRRIGATION		ACRE		63.20	________
REPAIRS------TRACTOR		ACRE		2.42	________
EQUIPMENT		ACRE		1.30	________
IRRIGATION		ACRE		15.20	________
LABOR--------MACHINERY	1.87	HOUR	5.00	9.33	________
IRRIGATION	2.00	HOUR	3.80	7.60	________
EQUIPMENT	0.63	HOUR	3.80	2.39	________
OPERATING CAPITAL	11.19	DOL.	0.135	1.51	________
SUBTOTAL, PREHARVEST		ACRE		$ 178.31	$________
HARVEST COSTS					
MOW,RAKE,BALE	330.00	BALE	0.70	231.00	________
CUSTOM HAUL	330.00	BALE	0.35	115.50	________
SUBTOTAL, HARVEST		ACRE		$ 346.50	$________
TOTAL VARIABLE COSTS		ACRE		$ 524.81	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 52.48/TON	SORGHUM HAY		
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 75.19	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		18.46	________
EQUIPMENT		ACRE		12.22	________
IRRIGATION		ACRE		40.80	________
LAND-CASH RENT	1.00	ACRE	40.00	40.00	________
MISC ADMIN O/H	0.50	ACRE	15.00	7.50	________
TOTAL FIXED COSTS		ACRE		$ 118.98	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 643.79	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 64.38/TON	SORGHUM HAY		
6. NET PROJECTED RETURNS		ACRE		$ -43.79	$________

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FORAGE SORGHUM HAY, IRRIGATED
TEXAS WINTER GARDEN 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	3,30	NOV	1.00	0.263	0.199	1.92	1.31	0.0	3.62	6.85
CHISEL PLOW	3,33	NOV	1.00	0.202	0.153	1.51	1.01	0.0	2.62	5.14
OFFSET DISC	3,34	NOV	1.20	0.273	0.207	1.95	1.37	0.0	5.67	8.98
LAND PLANE	3,50	NOV	0.20	0.050	0.038	0.35	0.25	0.0	1.04	1.63
ANHYDROUS SPRDER	3,61	FEB	1.00	0.151	0.115	0.97	0.76	8.40	1.50	11.62
DRY FERT SPRDER	3,60	FEB	1.00	0.203	0.154	1.46	1.02	18.00	3.82	24.29
GRAIN DRILL	3,46	FEB	1.00	0.270	0.205	1.99	1.35	12.80	6.13	22.27
ANHYDROUS SPRDER	3,61	MAY	1.00	0.151	0.115	0.97	0.76	8.40	1.50	11.62
ANHYDROUS SPRDER	3,61	JUNE	1.00	0.151	0.115	0.97	0.76	8.40	1.50	11.62
ANHYDROUS SPRDER	3,61	JULY	1.00	0.151	0.115	0.97	0.76	8.40	1.50	11.62
TOTALS				1.866	1.414	13.07	9.33	64.40	28.88	115.68

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	FEB	4.00	0.400	0.0	15.68	1.52	0.0	8.16	25.36
WATER APPLICATION	APR	4.00	0.400	0.0	15.68	1.52	0.0	8.16	25.36
WATER APPLICATION	JUNE	4.00	0.400	0.0	15.68	1.52	0.0	8.16	25.36
WATER APPLICATION	JULY	4.00	0.400	0.0	15.68	1.52	0.0	8.16	25.36
WATER APPLICATION	AUG	4.00	0.400	0.0	15.68	1.52	0.0	8.16	25.36
TOTALS		20.00	2.000	0.0	78.40	7.60	0.0	40.80	126.80

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 SORGHUM HAY
(DOLLARS)

QUANTITY OF SORGHUM HAY (TON)	48.00	54.00	60.00	66.00	72.00
8.00	-71.51	-23.51	24.49	72.49	120.49
9.00	-58.16	-4.16	49.84	103.84	157.84
10.00	-44.81	15.19	75.19	135.19	195.19
11.00	-31.46	34.54	100.54	166.54	232.54
12.00	-18.11	53.89	125.89	197.89	269.89

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

CORN FOR SILAGE, IRRIGATED
TEXAS WINTER GARDEN REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
CORN SILAGE	15.00	TON	23.00	345.00	________
TOTAL PROJECTED RETURNS				$ 345.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*SEED CORN/SILAGE	20.00	LB.	1.00	20.00	________
*NITROGEN (ANHY)	160.00	LB.	0.14	22.40	________
*PHOSPHATE	80.00	LB.	0.30	24.00	________
*HERBICIDE	1.00	ACRE	10.00	10.00	________
HERBICIDE APPLI.	1.00	ACRE	4.00	4.00	________
*INSECTICIDE	1.00	APPL	16.00	16.00	________
IRRIGATION WATER	16.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		12.80	________
EQUIPMENT		ACRE		2.16	________
IRRIGATION		ACRE		50.56	________
REPAIRS------TRACTOR		ACRE		3.12	________
EQUIPMENT		ACRE		2.04	________
IRRIGATION		ACRE		12.16	________
LABOR--------MACHINERY	2.13	HOUR	5.00	10.66	________
IRRIGATION	1.60	HOUR	3.80	6.08	________
EQUIPMENT	0.98	HOUR	3.80	3.72	________
OPERATING CAPITAL	56.58	DOL.	0.135	7.64	________
SUBTOTAL, PREHARVEST		ACRE		$ 207.33	$________
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		$ 0.0	$________
TOTAL VARIABLE COSTS		ACRE		$ 207.33	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 13.82/TON	CORN SILAGE		
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 137.67	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		23.64	________
EQUIPMENT		ACRE		18.82	________
IRRIGATION		ACRE		32.64	________
LAND-CASH RENT	1.00	ACRE	40.00	40.00	________
MISC ADMIN O/H	0.50	ACRE	15.00	7.50	________
TOTAL FIXED COSTS		ACRE		$ 122.61	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 329.94	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 22.00/TON	CORN SILAGE		
6. NET PROJECTED RETURNS		ACRE		$ 15.06	$________

SOLD STANDING IN FIELD.
A FALL APPLICATION OF A HERBICIDE MAY BE NECESSARY IF WEEDS BECOME A PROBLEM

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CORN FOR SILAGE, IRRIGATED
TEXAS WINTER GARDEN 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 PLOW	1,33	AUG	1.00	0.202	0.153	2.12	1.01	0.0	3.36	6.49
OFFSET DISC	1,34	AUG	1.20	0.273	0.207	2.78	1.37	0.0	6.66	10.81
LAND PLANE	2,50	AUG	0.20	0.050	0.038	0.43	0.25	0.0	1.04	1.73
OFFSET DISC	1,34	OCT	1.00	0.228	0.173	2.31	1.14	0.0	5.55	9.01
BEDDER 6R	3,36	NOV	1.00	0.151	0.115	1.07	0.76	0.0	1.88	3.70
ROLLING CULT 6R	3,38	DEC	1.00	0.216	0.164	1.52	1.08	0.0	3.48	6.08
ANHYDROUS SPRDER	3,61	FEB	1.00	0.151	0.115	0.97	0.76	22.40	1.50	25.62
DRY FERT SPRDER	3,60	FEB	1.00	0.203	0.154	1.46	1.02	24.00	3.82	30.29
PLANTER 6R	3,42	FEB	1.00	0.224	0.170	1.89	1.12	36.00	5.40	44.41
ROLLING CULT 6R	3,38	MAR	1.00	0.216	0.164	1.52	1.08	0.0	3.48	6.08
ROLLING CULT 6R	3,38	APR	1.00	0.216	0.164	1.52	1.08	0.0	3.48	6.08
TOTALS				2.131	1.615	17.60	10.66	82.40	39.66	150.31

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	FEB	4.00	0.400	0.0	15.68	1.52	0.0	8.16	25.36
WATER APPLICATION	MAR	4.00	0.400	0.0	15.68	1.52	0.0	8.16	25.36
WATER APPLICATION	APR	4.00	0.400	0.0	15.68	1.52	0.0	8.16	25.36
WATER APPLICATION	MAY	4.00	0.400	0.0	15.68	1.52	0.0	8.16	25.36
TOTALS		16.00	1.600	0.0	62.72	6.08	0.0	32.64	101.44

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 CORN SILAGE
(DOLLARS)

	TON	18.40	20.70	23.00	25.30	27.60
QUANTITY OF CORN SILAGE	12.00	13.47	41.07	68.67	96.27	123.87
	13.50	41.07	72.12	103.17	134.22	165.27
	15.00	68.67	103.17	137.67	172.17	206.67
	16.50	96.27	134.22	172.17	210.12	248.07
	18.00	123.87	165.27	206.67	248.07	289.47

FOOD CORN, IRRIGATED
TEXAS WINTER GARDEN REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
CORN	100.00	BU.	3.50	350.00	________
DEFICIENCY PMT.	100.00	BU.	0.21	21.00	________
TOTAL PROJECTED RETURNS				$ 371.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*SEED CORN/GRAIN	15.00	LB.	1.40	21.00	________
*NITROGEN (ANHY)	160.00	LB.	0.14	22.40	________
*PHOSPHATE	80.00	LB.	0.30	24.00	________
*NITROGEN (DRY)	33.00	LB.	0.25	8.25	________
*HERBICIDE	1.00	ACRE	10.00	10.00	________
HERBICIDE APPLI.	1.00	ACRE	4.00	4.00	________
*INSECTICIDE	1.00	APPL	16.00	16.00	________
GEN. & HAIL INS.	1.00	ACRE	13.00	13.00	________
IRRIGATION WATER	16.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		14.68	________
EQUIPMENT		ACRE		1.39	________
IRRIGATION		ACRE		50.56	________
REPAIRS------TRACTOR		ACRE		3.65	________
EQUIPMENT		ACRE		2.14	________
IRRIGATION		ACRE		12.16	________
LABOR--------MACHINERY	2.39	HOUR	5.00	11.97	________
IRRIGATION	1.60	HOUR	3.80	6.08	________
EQUIPMENT	0.63	HOUR	3.80	2.39	________
OPERATING CAPITAL	76.17	DOL.	0.135	10.28	________
SUBTOTAL, PREHARVEST		ACRE		$ 233.95	$________
HARVEST COSTS					
CUSTOM HARVEST	1.00	ACRE	25.00	25.00	________
HAUL CORN	100.00	BU.	0.17	17.00	________
SUBTOTAL, HARVEST		ACRE		$ 42.00	$________
TOTAL VARIABLE COSTS		ACRE		$ 275.95	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 2.55/BU.	CORN		
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 95.05	$________
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		26.29	________
EQUIPMENT		ACRE		18.84	________
IRRIGATION		ACRE		32.64	________
LAND-CASH RENT	1.00	ACRE	50.00	50.00	________
MISC ADMIN O/H	1.00	ACRE	15.00	15.00	________
TOTAL FIXED COSTS		ACRE		$ 142.76	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 418.72	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 3.98/BU.	CORN		
6. NET PROJECTED RETURNS		ACRE		$ -47.72	$________

A FALL APPLICATION OF A HERBICIDE MAY BE NECESSARY IF WEEDS BECOME A PROBLEM

FOOD CORN, IRRIGATED
TEXAS WINTER GARDEN 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	1,34	OCT	1.00	0.228	0.173	2.31	1.14	0.0	5.55	9.01
BEDDER 6R	2,36	NOV	1.00	0.151	0.115	1.33	0.76	0.0	1.90	3.98
ROLLING CULT 6R	3,38	DEC	1.00	0.216	0.164	1.52	1.08	0.0	3.48	6.08
DRY FERT SPRDER	3,60	FEB	1.00	0.203	0.154	1.46	1.02	32.25	3.82	38.54
PLANTER 6R	3,42	FEB	1.00	0.224	0.170	1.89	1.12	37.00	5.40	45.41
ANHYDROUS SPRDER	3,61	FEB	1.00	0.151	0.115	0.97	0.76	22.40	1.50	25.62
ROLLING CULT 6R	3,38	MAR	1.00	0.216	0.164	1.52	1.08	0.0	3.48	6.08
ROLLING CULT 6R	3,38	APR	1.00	0.216	0.164	1.52	1.08	0.0	3.48	6.08
SHREDDER	2,30	AUG	1.00	0.263	0.199	2.38	1.31	0.0	3.65	7.34
CHISEL PLOW	1,33	AUG	1.00	0.202	0.153	2.12	1.01	0.0	3.36	6.49
OFFSET DISC	1,34	AUG	1.20	0.273	0.207	2.78	1.37	0.0	6.66	10.81
LAND PLANE	2,50	AUG	0.20	0.050	0.038	0.43	0.25	0.0	1.04	1.73
TOTALS				2.394	1.814	20.24	11.97	91.65	43.32	167.18

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	JAN	3.00	0.300	0.0	11.76	1.14	0.0	6.12	19.02
WATER APPLICATION	APR	3.00	0.300	0.0	11.76	1.14	0.0	6.12	19.02
WATER APPLICATION	MAY	6.00	0.600	0.0	23.52	2.28	0.0	12.24	38.04
WATER APPLICATION	JUNE	4.00	0.400	0.0	15.68	1.52	0.0	8.16	25.36
TOTALS		16.00	1.600	0.0	62.72	6.08	0.0	32.64	101.44

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 CORN (DOLLARS)

QUANTITY OF CORN	BU.	2.80	3.15	3.50	3.85	4.20
	80.00	-31.75	-3.75	24.25	52.25	80.25
	90.00	-3.35	28.15	59.65	91.15	122.65
	100.00	25.05	60.05	95.05	130.05	165.05
	110.00	53.45	91.95	130.45	168.95	207.45
	120.00	81.85	123.85	165.85	207.85	249.85

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

COTTON IRRIGATED, LONG SEASON VARITIES
TEXAS WINTER GARDEN REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
COTTON LINT	900.00	LB.	0.50	450.00	________
COTTONSEED	0.73	TON	90.00	65.70	________
DEFICIENCY PMT.	900.00	LB.	0.21	189.00	________
TOTAL PROJECTED RETURNS				$ 704.70	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*SD COTTON-UPLAND	16.00	LB.	0.50	8.00	________
*NITROGEN (ANHY)	80.00	LB.	0.14	11.20	________
*PHOSPHATE	50.00	LB.	0.30	15.00	________
*HERBICIDE	1.00	ACRE	4.00	4.00	________
GEN. & HAIL INS.	1.00	ACRE	13.00	13.00	________
*INSECTICIDE	10.00	APPL	7.50	75.00	________
PESTICIDE APPLI.	10.00	ACRE	3.50	35.00	________
*DEFOLIANT	1.00	ACRE	12.50	12.50	________
DEFOLIANT APPLI.	1.00	ACRE	2.75	2.75	________
*GROWTH RETARDANT	1.00	APPL	12.00	12.00	________
CUST RETARD APPL	1.00	APPL	3.50	3.50	________
IRRIGATION WATER	16.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		18.53	________
EQUIPMENT		ACRE		1.39	________
IRRIGATION		ACRE		50.56	________
REPAIRS------TRACTOR		ACRE		4.60	________
EQUIPMENT		ACRE		2.60	________
IRRIGATION		ACRE		12.16	________
LABOR--------MACHINERY	2.82	HOUR	5.00	14.12	________
IRRIGATION	1.60	HOUR	3.80	6.08	________
EQUIPMENT	0.63	HOUR	3.80	2.39	________
OTHER	4.00	HOUR	3.80	15.20	________
OPERATING CAPITAL	76.22	DOL.	0.135	10.29	________
SUBTOTAL, PREHARVEST		ACRE		$ 329.87	$________
HARVEST COSTS					
CUST COTTON PICK	900.00	LB.	0.11	99.00	________
GIN, BAG, TIES	1.90	BALE	49.00	93.10	________
SUBTOTAL, HARVEST		ACRE		$ 192.10	$________
TOTAL VARIABLE COSTS		ACRE		$ 521.97	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 0.30/LB.	COTTON LINT		
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 182.73	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		32.15	________
EQUIPMENT		ACRE		24.07	________
IRRIGATION		ACRE		32.64	________
LAND-CASH RENT	1.00	ACRE	50.00	50.00	________
MISC ADMIN O/H	1.00	ACRE	15.00	15.00	________
TOTAL FIXED COSTS		ACRE		$ 153.86	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 675.82	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 0.47/LB.	COTTON LINT		
6. NET PROJECTED RETURNS		ACRE		$ 28.88	$________

A FALL APPLICATION OF A HERBICIDE MAY BE NECESSARY IF WEEDS BECOME A PROBLEM

COTTON IRRIGATED, LONG SEASON VARITIES
TEXAS WINTER GARDEN 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	2,30	OCT	1.00	0.263	0.199	2.38	1.31	0.0	3.65	7.34
CHISEL PLOW	1,33	OCT	1.00	0.202	0.153	2.12	1.01	0.0	3.36	6.49
OFFSET DISC	1,34	OCT	1.20	0.273	0.207	2.78	1.37	0.0	6.66	10.81
LAND PLANE	2,50	OCT	0.20	0.050	0.038	0.43	0.25	0.0	1.04	1.73
CHISEL PLOW	1,33	NOV	1.00	0.202	0.153	2.12	1.01	0.0	3.36	6.49
OFFSET DISC	1,34	DEC	1.00	0.228	0.173	2.31	1.14	0.0	5.55	9.01
OFFSET DISC	1,34	JAN	1.00	0.228	0.173	2.31	1.14	0.0	5.55	9.01
BEDDER 6R	2,36	JAN	1.00	0.151	0.115	1.33	0.76	0.0	1.90	3.98
HERBICIDE SPRAYR	63	JAN	1.00	0.0	0.264	0.08	0.0	4.00	2.13	6.21
DRY FERT SPRDER	2,60	FEB	1.00	0.203	0.154	1.81	1.02	15.00	3.84	21.67
ANHYDROUS SPRDER	3,61	FEB	1.00	0.151	0.115	0.97	0.76	11.20	1.50	14.42
PLANTER 6R	2,42	MAR	1.00	0.224	0.170	2.28	1.12	8.00	5.43	16.83
ROLLING CULT 6R	3,38	APR	1.00	0.216	0.164	1.52	1.08	0.0	3.48	6.08
ROLLING CULT 6R	3,38	MAY	1.00	0.216	0.164	1.52	1.08	0.0	3.48	6.08
ROLLING CULT 6R	3,38	JUNE	1.00	0.216	0.164	1.52	1.08	0.0	3.48	6.08
TOTALS				2.823	2.403	25.50	14.12	38.20	54.41	132.23

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	FEB	4.00	0.400	0.0	15.68	1.52	0.0	8.16	25.36
WATER APPLICATION	APR	4.00	0.400	0.0	15.68	1.52	0.0	8.16	25.36
WATER APPLICATION	JUNE	4.00	0.400	0.0	15.68	1.52	0.0	8.16	25.36
WATER APPLICATION	AUG	4.00	0.400	0.0	15.68	1.52	0.0	8.16	25.36
TOTALS		16.00	1.600	0.0	62.72	6.08	0.0	32.64	101.44

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 COTTON LINT (DOLLARS)

QUANTITY OF COTTON LINT (LB.)	0.40	0.45	0.50	0.55	0.60
720.	8.21	44.21	80.21	116.21	152.21
810.	50.47	90.97	131.47	171.97	212.47
900.	92.73	137.73	182.73	227.73	272.73
990.	134.99	184.49	233.99	283.49	332.99
1080.	177.25	231.25	285.25	339.25	393.25

COTTON IRRIGATED, SHORT SEASON VARIETIES
TEXAS WINTER GARDEN REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
COTTON LINT	750.00	LB.	0.50	375.00	________
COTTONSEED	0.61	TON	90.00	54.90	________
DEFICIENCY PMT.	750.00	LB.	0.21	157.50	________
TOTAL PROJECTED RETURNS			$	587.40	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*SD COTTON-UPLAND	16.00	LB.	0.50	8.00	________
*NITROGEN (ANHY)	25.00	LB.	0.14	3.50	________
*PHOSPHATE	40.00	LB.	0.30	12.00	________
*HERBICIDE	1.00	ACRE	4.00	4.00	________
GEN. & HAIL INS.	1.00	ACRE	13.00	13.00	________
*INSECTICIDE	5.00	APPL	7.50	37.50	________
PESTICIDE APPLI.	5.00	ACRE	3.50	17.50	________
*DEFOLIANT	1.00	ACRE	12.50	12.50	________
DEFOLIANT APPLI.	1.00	ACRE	2.75	2.75	________
IRRIGATION WATER	12.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		16.98	________
EQUIPMENT		ACRE		1.39	________
IRRIGATION		ACRE		37.92	________
REPAIRS------TRACTOR		ACRE		4.24	________
EQUIPMENT		ACRE		2.38	________
IRRIGATION		ACRE		9.12	________
LABOR--------MACHINERY	2.62	HOUR	5.00	13.11	________
IRRIGATION	1.20	HOUR	3.80	4.56	________
EQUIPMENT	0.63	HOUR	3.80	2.39	________
OTHER	4.00	HOUR	3.80	15.20	________
OPERATING CAPITAL	39.24	DOL.	0.135	5.30	________
SUBTOTAL, PREHARVEST		ACRE	$	223.34	$________
HARVEST COSTS					
CUST COTTON PICK	750.00	LB.	0.11	82.50	________
GIN, BAG, TIES	1.56	BALE	49.00	76.44	________
SUBTOTAL, HARVEST		ACRE	$	158.94	$________
TOTAL VARIABLE COSTS		ACRE	$	382.28	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 0.23/LB.		COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE	$	205.12	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		29.42	________
EQUIPMENT		ACRE		23.44	________
IRRIGATION		ACRE		24.48	________
LAND-CASH RENT	1.00	ACRE	50.00	50.00	________
MISC ADMIN O/H	0.75	ACRE	15.00	11.25	________
TOTAL FIXED COSTS		ACRE	$	138.59	$________
5. TOTAL PROJECTED COSTS		ACRE	$	520.87	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 0.41/LB.		COTTON LINT	
6. NET PROJECTED RETURNS		ACRE	$	66.53	$________

A FALL APPLICATION OF A HERBICIDE MAY BE NECESSARY IF WEEDS BECOME A PROBLEM

COTTON IRRIGATED, SHORT SEASON VARIETIES
TEXAS WINTER GARDEN 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	2,30	SEPT	1.00	0.263	0.199	2.38	1.31	0.0	3.65	7.34
CHISEL PLOW	1,33	SEPT	1.00	0.202	0.153	2.12	1.01	0.0	3.36	6.49
OFFSET DISC	1,34	SEPT	1.00	0.228	0.173	2.31	1.14	0.0	5.55	9.01
OFFSET DISC	1,34	NOV	1.20	0.273	0.207	2.78	1.37	0.0	6.66	10.81
LAND PLANE	2,50	NOV	0.20	0.050	0.038	0.43	0.25	0.0	1.04	1.73
OFFSET DISC	1,34	JAN	1.00	0.228	0.173	2.31	1.14	0.0	5.55	9.01
BEDDER 6R	2,36	JAN	1.00	0.151	0.115	1.33	0.76	0.0	1.90	3.98
HERBICIDE SPRAYR	63	JAN	1.00	0.0	0.264	0.08	0.0	4.00	2.13	6.21
DRY FERT SPRDER	2,60	JAN	1.00	0.203	0.154	1.81	1.02	12.00	3.84	18.67
ANHYDROUS SPRDER	3,61	JAN	1.00	0.151	0.115	0.97	0.76	3.50	1.50	6.72
PLANTER 6R	2,42	MAR	1.00	0.224	0.170	2.28	1.12	8.00	5.43	16.83
ROLLING CULT 6R	3,38	APR	1.00	0.216	0.164	1.52	1.08	0.0	3.48	6.08
ROLLING CULT 6R	3,38	MAY	1.00	0.216	0.164	1.52	1.08	0.0	3.48	6.08
ROLLING CULT 6R	3,38	JUNE	1.00	0.216	0.164	1.52	1.08	0.0	3.48	6.08
TOTALS				2.622	2.251	23.38	13.11	27.50	51.05	115.04

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	FEB	4.00	0.400	0.0	15.68	1.52	0.0	8.16	25.36
WATER APPLICATION	MAY	4.00	0.400	0.0	15.68	1.52	0.0	8.16	25.36
WATER APPLICATION	JUNE	4.00	0.400	0.0	15.68	1.52	0.0	8.16	25.36
TOTALS		12.00	1.200	0.0	47.04	4.56	0.0	24.48	76.08

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)

QUANTITY OF COTTON LINT	LB.	0.40	0.45	0.50	0.55	0.60
	600.00	59.42	89.42	119.42	149.42	179.42
	675.00	94.77	128.52	162.27	196.02	229.77
	750.00	130.12	167.62	205.12	242.62	280.12
	825.00	165.46	206.71	247.96	289.21	330.46
	900.00	200.81	245.81	290.81	335.81	380.81

COTTON, DRYLAND, SHORT SEASON VARIETIES
TEXAS WINTER GARDEN REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
COTTON LINT	350.00	LB.	0.50	175.00	________
COTTONSEED	0.28	TON	90.00	25.20	________
DEFICIENCY PMT.	350.00	LB.	0.21	73.50	________
TOTAL PROJECTED RETURNS			$	273.70	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*SD COTTON-UPLAND	12.00	LB.	0.50	6.00	________
*NITROGEN (ANHY)	25.00	LB.	0.14	3.50	________
*PHOSPHATE	20.00	LB.	0.30	6.00	________
*HERBICIDE	1.00	ACRE	4.00	4.00	________
*INSECTICIDE	3.00	APPL	7.50	22.50	________
PESTICIDE APPLI.	3.00	ACRE	3.50	10.50	________
*DEFOLIANT	1.00	ACRE	12.50	12.50	________
DEFOLIANT APPLI.	1.00	ACRE	2.75	2.75	________
FUEL & LUBE--TRACTOR		ACRE		10.68	________
EQUIPMENT		ACRE		1.39	________
REPAIRS------TRACTOR		ACRE		2.70	________
EQUIPMENT		ACRE		2.04	________
LABOR--------MACHINERY	2.08	HOUR	5.00	10.41	________
EQUIPMENT	0.63	HOUR	3.80	2.39	________
OPERATING CAPITAL	15.40	DOL.	0.135	2.08	________
SUBTOTAL, PREHARVEST		ACRE	$	99.44	$________
HARVEST COSTS					
CUST HARV, STRIP	14.00	CWT.	1.75	24.50	________
GIN STRPR COTTON	14.00	CWT.	1.75	24.50	________
BL,BG,TIE-ST CTN	0.70	BALE	13.00	9.10	________
SUBTOTAL, HARVEST		ACRE	$	58.10	$________
TOTAL VARIABLE COSTS		ACRE	$	157.54	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 0.17/LB.	COTTON LINT		
3. INCOME ABOVE VARIABLE COSTS		ACRE	$	116.16	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		20.59	________
EQUIPMENT		ACRE		18.59	________
MISC ADMIN O/H	0.50	ACRE	15.00	7.50	________
LAND-CASH RENT	1.00	ACRE	20.00	20.00	________
TOTAL FIXED COSTS		ACRE	$	66.69	$________
5. TOTAL PROJECTED COSTS		ACRE	$	224.23	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 0.36/LB.	COTTON LINT		
6. NET PROJECTED RETURNS		ACRE	$	49.47	$________

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, DRYLAND, SHORT SEASON VARIETIES
TEXAS WINTER GARDEN 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	3,30	SEPT	1.00	0.263	0.199	1.92	1.31	0.0	3.62	6.85
CHISEL PLOW	3,33	SEPT	1.00	0.202	0.153	1.51	1.01	0.0	2.62	5.14
OFFSET DISC	3,34	SEPT	1.00	0.228	0.173	1.62	1.14	0.0	4.72	7.49
OFFSET DISC	3,34	DEC	1.00	0.228	0.173	1.62	1.14	0.0	4.72	7.49
BEDDER 6R	3,36	JAN	1.00	0.151	0.115	1.07	0.76	0.0	1.88	3.70
HERBICIDE SPRAYR	63	JAN	1.00	0.0	0.264	0.08	0.0	4.00	2.13	6.21
DRY FERT SPRDER	3,60	JAN	1.00	0.203	0.154	1.46	1.02	6.00	3.82	12.29
ANHYDROUS SPRDER	3,61	JAN	1.00	0.151	0.115	0.97	0.76	3.50	1.50	6.72
PLANTER 6R	3,42	MAR	1.00	0.224	0.170	1.89	1.12	6.00	5.40	14.41
ROLLING CULT 6R	3,38	APR	1.00	0.216	0.164	1.52	1.08	0.0	3.48	6.08
ROLLING CULT 6R	3,38	MAY	1.00	0.216	0.164	1.52	1.08	0.0	3.48	6.08
TOTALS				2.082	1.842	15.19	10.41	19.50	37.38	82.48

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)

QUANTITY OF COTTON LINT	LB.	0.40	0.45	0.50	0.55	0.60
	280.00	45.04	59.04	73.04	87.04	101.04
	315.00	63.10	78.85	94.60	110.35	126.10
	350.00	81.16	98.66	116.16	133.66	151.16
	385.00	99.22	118.47	137.72	156.97	176.22
	420.00	117.28	138.28	159.28	180.28	201.28

GRAIN SORGHUM, DRYLAND
TEXAS WINTER GARDEN REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
GRAIN SORGHUM	25.00	CWT.	4.32	108.00	________
DEFICIENCY PMT.	25.00	CWT.	0.36	9.00	________
TOTAL PROJECTED RETURNS			$	117.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*GRAIN SORG. SEED	4.00	LB.	0.76	3.04	________
*NITROGEN (ANHY)	60.00	LB.	0.14	8.40	________
*PHOSPHATE	40.00	LB.	0.30	12.00	________
*HERBICIDE	1.00	ACRE	8.00	8.00	________
HERBICIDE APPLI.	1.00	ACRE	4.00	4.00	________
*INSECTICIDE	2.00	APPL	8.00	16.00	________
INSECT. APPLI.	2.00	APPL	2.75	5.50	________
FUEL & LUBE--TRACTOR		ACRE		11.01	________
EQUIPMENT		ACRE		1.39	________
REPAIRS------TRACTOR		ACRE		2.78	________
EQUIPMENT		ACRE		2.00	________
LABOR--------MACHINERY	2.15	HOUR	5.00	10.73	________
EQUIPMENT	0.63	HOUR	3.80	2.39	________
OPERATING CAPITAL	24.17	DOL.	0.135	3.26	________
SUBTOTAL, PREHARVEST		ACRE	$	90.51	$________
HARVEST COSTS					
CUSTOM HARVEST D	1.00	ACRE	18.00	18.00	________
HAUL GRAIN SORG	25.00	CWT.	0.30	7.50	________
SUBTOTAL, HARVEST		ACRE	$	25.50	$________
TOTAL VARIABLE COSTS		ACRE	$	116.01	$________

BREAK-EVEN PRICE, VARIABLE COSTS $ 4.28/CWT. GRAIN SORGHUM

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
3. INCOME ABOVE VARIABLE COSTS		ACRE	$	0.99	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		21.23	________
EQUIPMENT		ACRE		17.42	________
LAND-CASH RENT	1.00	ACRE	15.00	15.00	________
MISC ADMIN O/H	0.30	ACRE	15.00	4.50	________
TOTAL FIXED COSTS		ACRE	$	58.15	$________
5. TOTAL PROJECTED COSTS		ACRE	$	174.16	$________

BREAK-EVEN PRICE, TOTAL COSTS $ 6.61/CWT. GRAIN SORGHUM

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
6. NET PROJECTED RETURNS		ACRE	$	-57.16	$________

A FALL APPLICATION OF A HERBICIDE MAY BE NECESSARY IF WEEDS BECOME A PROBLEM

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GRAIN SORGHUM, DRYLAND
TEXAS WINTER GARDEN 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	3,30	AUG	1.00	0.263	0.199	1.92	1.31	0.0	3.62	6.85
CHISEL PLOW	3,33	AUG	1.00	0.202	0.153	1.51	1.01	0.0	2.62	5.14
OFFSET DISC	3,34	SEPT	1.00	0.228	0.173	1.62	1.14	0.0	4.72	7.49
OFFSET DISC	3,34	DEC	1.00	0.228	0.173	1.62	1.14	0.0	4.72	7.49
ANHYDROUS SPRDER	3,61	FEB	1.00	0.151	0.115	0.97	0.76	8.40	1.50	11.62
DRY FERT SPRDER	3,60	FEB	1.00	0.203	0.154	1.46	1.02	12.00	3.82	18.29
PLANTER 6R	3,42	FEB	1.00	0.224	0.170	1.89	1.12	3.04	5.40	11.45
ROLLING CULT 6R	3,38	MAR	1.00	0.216	0.164	1.52	1.08	0.0	3.48	6.08
ROLLING CULT 6R	3,38	APR	1.00	0.216	0.164	1.52	1.08	0.0	3.48	6.08
ROLLING CULT 6R	3,38	MAY	1.00	0.216	0.164	1.52	1.08	0.0	3.48	6.08
TOTALS				2.147	1.626	15.57	10.73	23.44	36.85	86.59

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)

QUANTITY OF GRAIN SORGHUM (CWT.)	3.46	3.89	4.32	4.75	5.18
20.00	-38.19	-29.55	-20.91	-12.27	-3.63
22.50	-29.40	-19.68	-9.96	-0.24	9.48
25.00	-20.61	-9.81	0.99	11.79	22.59
27.50	-11.82	0.06	11.94	23.82	35.70
30.00	-3.03	9.93	22.89	35.85	48.81

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

GRAIN SORGHUM, IRRIGATED
TEXAS WINTER GARDEN REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
GRAIN SORGHUM	50.00	CWT.	4.32	216.00	________
DEFICIENCY PMT.	50.00	CWT.	0.36	18.00	________
TOTAL PROJECTED RETURNS			$	234.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*GRAIN SORG. SEED	6.00	LB.	0.76	4.56	________
*NITROGEN (ANHY)	120.00	LB.	0.14	16.80	________
*PHOSPHATE	60.00	LB.	0.30	18.00	________
*HERBICIDE	1.00	ACRE	8.00	8.00	________
HERBICIDE APPLI.	1.00	ACRE	4.00	4.00	________
*INSECTICIDE	2.00	APPL	8.00	16.00	________
INSECT. APPLI.	2.00	APPL	2.75	5.50	________
GEN. & HAIL INS.	1.00	ACRE	13.00	13.00	________
IRRIGATION WATER	12.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		12.28	________
EQUIPMENT		ACRE		0.62	________
IRRIGATION		ACRE		37.92	________
REPAIRS------TRACTOR		ACRE		3.11	________
EQUIPMENT		ACRE		2.02	________
IRRIGATION		ACRE		9.12	________
LABOR--------MACHINERY	2.39	HOUR	5.00	11.97	________
IRRIGATION	1.20	HOUR	3.80	4.56	________
EQUIPMENT	0.28	HOUR	3.80	1.06	________
OPERATING CAPITAL	46.85	DOL.	0.135	6.33	________
SUBTOTAL, PREHARVEST		ACRE	$	174.84	$________
HARVEST COSTS					
CUSTOM HARVEST I	50.00	CWT.	0.45	22.50	________
HAUL GRAIN SORG	50.00	CWT.	0.30	15.00	________
SUBTOTAL, HARVEST		ACRE	$	37.50	$________
TOTAL VARIABLE COSTS		ACRE	$	212.34	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 3.89/CWT. GRAIN SORGHUM			
3. INCOME ABOVE VARIABLE COSTS		ACRE	$	21.66	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		23.68	________
EQUIPMENT		ACRE		17.83	________
IRRIGATION		ACRE		24.48	________
LAND-CASH RENT	1.00	ACRE	40.00	40.00	________
MISC ADMIN O/H	1.00	ACRE	15.00	15.00	________
TOTAL FIXED COSTS		ACRE	$	120.99	$________
5. TOTAL PROJECTED COSTS		ACRE	$	333.33	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 6.31/CWT. GRAIN SORGHUM			
6. NET PROJECTED RETURNS		ACRE	$	-99.33	$________

A FALL APPLICATION OF A HERBICIDE MAY BE NECESSARY IF WEEDS BECOME A PROBLEM

GRAIN SORGHUM, IRRIGATED
TEXAS WINTER GARDEN 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 PLOW	3,33	AUG	1.00	0.202	0.153	1.51	1.01	0.0	2.62	5.14
OFFSET DISC	3,34	AUG	1.00	0.228	0.173	1.62	1.14	0.0	4.72	7.49
OFFSET DISC	3,34	DEC	1.20	0.273	0.207	1.95	1.37	0.0	5.67	8.98
LAND PLANE	3,50	DEC	0.20	0.050	0.038	0.35	0.25	0.0	1.04	1.63
BEDDER 6R	3,36	JAN	1.00	0.151	0.115	1.07	0.76	0.0	1.88	3.70
DRY FERT SPRDER	3,60	FEB	1.00	0.203	0.154	1.46	1.02	18.00	3.82	24.29
ANHYDROUS SPRDER	3,61	FEB	1.00	0.151	0.115	0.97	0.76	16.80	1.50	20.02
PLANTER 6R	3,42	MAR	1.00	0.224	0.170	1.89	1.12	4.56	5.40	12.97
ROLLING CULT 6R	3,38	MAR	1.00	0.216	0.164	1.52	1.08	0.0	3.48	6.08
ROLLING CULT 6R	3,38	APR	1.00	0.216	0.164	1.52	1.08	0.0	3.48	6.08
ROLLING CULT 6R	3,38	MAY	1.00	0.216	0.164	1.52	1.08	0.0	3.48	6.08
SHREDDER	3,30	JULY	1.00	0.263	0.199	1.92	1.31	0.0	3.62	6.85
TOTALS				2.394	1.814	17.30	11.97	39.36	40.71	109.34

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	JAN	4.00	0.400	0.0	15.68	1.52	0.0	8.16	25.36
WATER APPLICATION	MAR	4.00	0.400	0.0	15.68	1.52	0.0	8.16	25.36
WATER APPLICATION	MAY	4.00	0.400	0.0	15.68	1.52	0.0	8.16	25.36
TOTALS		12.00	1.200	0.0	47.04	4.56	0.0	24.48	76.08

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)

QUANTITY OF GRAIN SORGHUM (CWT.)	3.46	3.89	4.32	4.75	5.18
40.00	-52.20	-34.92	-17.64	-0.36	16.92
45.00	-36.87	-17.43	2.01	21.45	40.89
50.00	-21.54	0.06	21.66	43.26	64.86
55.00	-6.21	17.55	41.31	65.07	88.83
60.00	9.12	35.04	60.96	86.88	112.80

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

PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 03/23/83. B-1241(C12)

GUAR, IRRIGATED, TEXAS WINTER GARDEN REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
GUAR	17.50	CWT.	20.00	350.00	________
TOTAL PROJECTED RETURNS				$ 350.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*INSECTICIDE	1.00	APPL	8.00	8.00	________
*GUAR SEED	8.00	LB.	0.65	5.20	________
*INNOCULANT	1.00	ACRE	0.50	0.50	________
*NITROGEN (ANHY)	100.00	LB.	0.14	14.00	________
*PHOSPHATE	45.00	LB.	0.30	13.50	________
*HERBICIDE	1.00	ACRE	4.00	4.00	________
HERBICIDE APPLI.	1.00	ACRE	4.00	4.00	________
INSECT. APPLI.	1.00	APPL	2.75	2.75	________
IRRIGATION WATER	13.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		8.80	________
EQUIPMENT		ACRE		1.39	________
IRRIGATION		ACRE		41.08	________
REPAIRS------TRACTOR		ACRE		1.86	________
EQUIPMENT		ACRE		2.04	________
IRRIGATION		ACRE		9.88	________
LABOR--------MACHINERY	1.97	HOUR	5.00	9.86	________
IRRIGATION	1.30	HOUR	3.80	4.94	________
EQUIPMENT	0.63	HOUR	3.80	2.39	________
OTHER	2.00	HOUR	3.80	7.60	________
OPERATING CAPITAL	38.86	DOL.	0.135	5.25	________
SUBTOTAL, PREHARVEST		ACRE		$ 147.04	$________
HARVEST COSTS					
CUS HARV GUAR	1.00	ACRE	25.00	25.00	________
HAUL GUAR	17.50	CWT.	0.25	4.38	________
SUBTOTAL, HARVEST		ACRE		$ 29.38	$________
TOTAL VARIABLE COSTS		ACRE		$ 176.41	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 10.08/CWT. GUAR			
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 173.59	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		20.31	________
EQUIPMENT		ACRE		16.05	________
IRRIGATION		ACRE		26.52	________
LAND-CASH RENT	1.00	ACRE	30.00	30.00	________
MISC ADMIN O/H	0.50	ACRE	15.00	7.50	________
TOTAL FIXED COSTS		ACRE		$ 100.38	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 276.79	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 15.82/CWT. GUAR			
6. NET PROJECTED RETURNS		ACRE		$ 73.21	$________

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.

GUAR, IRRIGATED, TEXAS WINTER GARDEN 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
MOLDBOARD PLOW	3,32	DEC	0.50	0.285	0.216	2.35	1.43	0.0	5.87	9.64
CHISEL PLOW	3,33	DEC	0.50	0.101	0.076	0.76	0.50	0.0	1.31	2.57
TANDEM DISC	3,58	JAN	1.00	0.208	0.158	1.43	1.04	0.0	3.54	6.02
BEDDER 6R	4,36	JAN	1.00	0.151	0.115	0.77	0.76	0.0	2.00	3.52
ROLLING CULT 6R	4,38	FEB	1.00	0.216	0.164	1.10	1.08	0.0	3.65	5.83
PLANTER 6R	4,42	APR	1.00	0.224	0.170	1.45	1.12	5.70	5.58	13.85
DRY FERT SPRDER	3,60	APR	1.00	0.203	0.154	1.46	1.02	13.50	3.82	19.79
ANHYDROUS SPRDER	3,61	APR	1.00	0.151	0.115	0.97	0.76	14.00	1.50	17.22
ROLLING CULT 6R	4,38	MAY	1.00	0.216	0.164	1.10	1.08	0.0	3.65	5.83
ROLLING CULT 6R	4,38	JUNE	1.00	0.216	0.164	1.10	1.08	0.0	3.65	5.83
TOTALS				1.972	1.494	12.48	9.86	33.20	34.56	90.10

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	4.00	0.400	0.0	15.68	1.52	0.0	8.16	25.36
WATER APPLICATION	MAY	3.00	0.300	0.0	11.76	1.14	0.0	6.12	19.02
WATER APPLICATION	JUNE	3.00	0.300	0.0	11.76	1.14	0.0	6.12	19.02
WATER APPLICATION	JULY	3.00	0.300	0.0	11.76	1.14	0.0	6.12	19.02
TOTALS		13.00	1.300	0.0	50.96	4.94	0.0	26.52	82.42

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 GUAR (DOLLARS)

	CWT.	16.00	18.00	20.00	22.00	24.00
QUANTITY OF GUAR	14.00	48.46	76.46	104.46	132.46	160.46
	15.75	76.02	107.52	139.02	170.52	202.02
	17.50	103.59	138.59	173.59	208.59	243.59
	19.25	131.15	169.65	208.15	246.65	285.15
	21.00	158.71	200.71	242.71	284.71	326.71

GUAR, DRYLAND, TEXAS WINTER GARDEN REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
GUAR	8.00	CWT.	20.00	160.00	________
TOTAL PROJECTED RETURNS			$	160.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*GUAR SEED	8.00	LB.	0.65	5.20	________
*INNOCULANT	1.00	ACRE	0.50	0.50	________
*NITROGEN (ANHY)	50.00	LB.	0.14	7.00	________
*PHOSPHATE	15.00	LB.	0.30	4.50	________
*HERBICIDE	1.00	ACRE	4.00	4.00	________
*INSECTICIDE	1.00	APPL	8.00	8.00	________
INSECT. APPLI.	1.00	APPL	2.75	2.75	________
HERBICIDE APPLI.	1.00	ACRE	4.00	4.00	________
FUEL & LUBE--TRACTOR		ACRE		7.94	________
EQUIPMENT		ACRE		1.08	________
REPAIRS------TRACTOR		ACRE		1.72	________
EQUIPMENT		ACRE		1.64	________
LABOR--------MACHINERY	1.75	HOUR	5.00	8.75	________
EQUIPMENT	0.49	HOUR	3.80	1.86	________
OPERATING CAPITAL	10.88	DOL.	0.135	1.47	________
SUBTOTAL, PREHARVEST		ACRE	$	60.41	$________
HARVEST COSTS					
CUS HARV GUAR	1.00	ACRE	25.00	25.00	________
HAUL GUAR	8.00	CWT.	0.25	2.00	________
SUBTOTAL, HARVEST		ACRE	$	27.00	$________
TOTAL VARIABLE COSTS		ACRE	$	87.41	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 10.93/CWT. GUAR			
3. INCOME ABOVE VARIABLE COSTS		ACRE	$	72.59	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		17.93	________
EQUIPMENT		ACRE		14.26	________
LAND-CASH RENT	1.00	ACRE	20.00	20.00	________
MISC ADMIN O/H	0.50	ACRE	15.00	7.50	________
TOTAL FIXED COSTS		ACRE	$	59.70	$________
5. TOTAL PROJECTED COSTS		ACRE	$	147.10	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 18.39/CWT. GUAR			
6. NET PROJECTED RETURNS		ACRE	$	12.90	$________

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.

GUAR, DRYLAND, TEXAS WINTER GARDEN 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
MOLDBOARD PLOW	3,32	NOV	0.30	0.171	0.130	1.41	0.86	0.0	3.52	5.78
TANDEM DISC	3,58	JAN	1.00	0.208	0.158	1.43	1.04	0.0	3.54	6.02
TANDEM DISC	3,58	MAY	1.00	0.208	0.158	1.43	1.04	0.0	3.54	6.02
BEDDER 6R	4,36	MAY	1.00	0.151	0.115	0.77	0.76	0.0	2.00	3.52
DRY FERT SPRDER	3,60	MAY	1.00	0.203	0.154	1.46	1.02	4.50	3.82	10.79
ANHYDROUS SPRDER	3,61	MAY	1.00	0.151	0.115	0.97	0.76	7.00	1.50	10.22
PLANTER 6R	4,42	JUNE	1.00	0.224	0.170	1.45	1.12	5.70	5.58	13.85
ROLLING CULT 6R	4,38	JULY	1.00	0.216	0.164	1.10	1.08	0.0	3.65	5.83
ROLLING CULT 6R	4,38	AUG	1.00	0.216	0.164	1.10	1.08	0.0	3.65	5.83
TOTALS				1.750	1.325	11.12	8.75	17.20	30.79	67.86

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 GUAR (DOLLARS)

QUANTITY OF GUAR (CWT.)	16.00	18.00	20.00	22.00	24.00
6.40	15.39	28.19	40.99	53.79	66.59
7.20	27.99	42.39	56.79	71.19	85.59
8.00	40.59	56.59	72.59	88.59	104.59
8.80	53.19	70.79	88.39	105.99	123.59
9.60	65.79	84.99	104.19	123.39	142.59

PEANUTS, FLORUNNER, IRRIGATED
TEXAS WINTER GARDEN REGION
1983 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
FLORUNNER PEANUT	27.50	CWT.	28.00	770.00	________
TOTAL PROJECTED RETURNS			$	770.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*PEANUT SEED	100.00	LB.	0.58	58.00	________
*NITROGEN (DRY)	20.00	LB.	0.25	5.00	________
*PHOSPHATE	50.00	LB.	0.30	15.00	________
CUSTOM FERTILIZE	1.00	ACRE	1.80	1.80	________
*NEMATICIDE	1.00	ACRE	8.60	8.60	________
*HERBICIDE	1.00	ACRE	4.10	4.10	________
RISK INSURANCE	1.00	ACRE	15.00	15.00	________
*INSECTICIDE	2.00	APPL	4.10	8.20	________
CUST INSECT.	1.00	APPL	16.50	16.50	________
*FUNGICIDE	7.00	APPL	7.00	49.00	________
PESTICIDE APPLI.	7.00	ACRE	3.50	24.50	________
CUST. PCNB FUNG.	1.00	APPL	43.00	43.00	________
ALLOTMENT LEASE	27.50	CWT.	2.65	72.87	________
IRRIGATION WATER	17.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		17.98	________
EQUIPMENT		ACRE		1.32	________
IRRIGATION		ACRE		53.72	________
REPAIRS------TRACTOR		ACRE		4.51	________
EQUIPMENT		ACRE		3.06	________
IRRIGATION		ACRE		12.92	________
LABOR--------MACHINERY	2.56	HOUR	5.00	12.82	________
IRRIGATION	1.70	HOUR	3.80	6.46	________
EQUIPMENT	0.60	HOUR	3.80	2.28	________
OTHER	3.00	HOUR	3.80	11.40	________
OPERATING CAPITAL	57.00	DOL.	0.135	7.69	________
SUBTOTAL, PREHARVEST		ACRE	$	455.74	$________
HARVEST COSTS					
*CUSTOM HAUL	1.50	TON	7.00	10.50	________
*CUSTOM DRYING	1.50	TON	25.00	37.50	________
FUEL & LUBE--TRACTOR		ACRE		10.45	________
REPAIRS------TRACTOR		ACRE		2.86	________
EQUIPMENT		ACRE		2.00	________
LABOR--------MACHINERY	1.63	HOUR	5.00	8.15	________
SUBTOTAL, HARVEST		ACRE	$	71.46	$________
TOTAL VARIABLE COSTS		ACRE	$	527.20	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 19.17/CWT. FLORUNNER PEANUT			
3. INCOME ABOVE VARIABLE COSTS		ACRE	$	242.80	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		46.20	________
EQUIPMENT		ACRE		28.40	________
IRRIGATION		ACRE		34.68	________
MISC ADMIN O/H	1.00	ACRE	15.00	15.00	________
LAND-CASH RENT	1.00	ACRE	50.00	50.00	________
TOTAL FIXED COSTS		ACRE	$	174.28	$________
5. TOTAL PROJECTED COSTS		ACRE	$	701.48	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 25.51/CWT. FLORUNNER PEANUT			
6. NET PROJECTED RETURNS		ACRE	$	68.52	$________

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.

PEANUTS, FLORUNNER, IRRIGATED
TEXAS WINTER GARDEN 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	1,34	SEPT	1.00	0.228	0.173	2.31	1.14	0.0	5.55	9.01
TANDEM DISC	1,58	OCT	1.00	0.208	0.158	2.07	1.04	0.0	4.30	7.41
CHISEL PLOW	1,33	DEC	1.00	0.202	0.153	2.12	1.01	0.0	3.36	6.49
MOLDBOARD PLOW	1,32	JAN	1.00	0.571	0.432	6.42	2.85	0.0	13.81	23.09
BEDDER 6R	2,36	FEB	2.00	0.302	0.229	2.66	1.51	0.0	3.80	7.97
PEANUT PLANTER	2,68	APR	1.00	0.318	0.241	3.25	1.59	58.00	6.47	69.30
ROLLING CULT 6R	2,38	APR	2.00	0.432	0.327	3.80	2.16	0.0	7.01	12.97
HERBICIDE SPRAYR	63	APR	1.00	0.0	0.264	0.08	0.0	4.10	2.13	6.31
CULTIVATOR 6R	2,40	APR	1.00	0.151	0.115	1.32	0.76	0.0	2.32	4.39
CULTIVATOR 6R	2,40	MAY	1.00	0.151	0.115	1.32	0.76	0.0	2.32	4.39
PEANUT DIG SHK2R	2,66	AUG	1.00	1.084	0.821	9.74	5.42	0.0	11.57	26.72
PEANUT COMB. 4R	2,67	AUG	1.00	0.546	0.414	5.57	2.73	48.00	10.25	66.55
TOTALS				4.193	3.441	40.65	20.96	110.10	72.88	244.59

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	MAY	3.00	0.300	0.0	11.76	1.14	0.0	6.12	19.02
WATER APPLICATION	JUNE	6.00	0.600	0.0	23.52	2.28	0.0	12.24	38.04
WATER APPLICATION	JULY	6.00	0.600	0.0	23.52	2.28	0.0	12.24	38.04
WATER APPLICATION	AUG	2.00	0.200	0.0	7.84	0.76	0.0	4.08	12.68
TOTALS		17.00	1.700	0.0	66.64	6.46	0.0	34.68	107.78

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF FLORUNNER PEANUT (DOLLARS)

QUANTITY OF FLORUNNER PEANUT	CWT.	22.40	25.20	28.00	30.80	33.60
	22.00	-10.22	51.38	112.98	174.58	236.18
	24.75	39.29	108.59	177.89	247.19	316.49
	27.50	88.80	165.80	242.80	319.80	396.80
	30.25	138.32	223.02	307.72	392.41	477.11
	33.00	187.83	280.23	372.63	465.03	557.43

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