COTTON, DRYLAND, SHORT SEASON VARIETIES
TEXAS WINTER GARDEN REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
COTTON LINT	350.00	LB.	0.58	203.00	________
COTTONSEED	0.28	LB.	100.00	28.00	________
TOTAL PROJECTED RETURNS				$ 231.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*SD COTTON-UPLAND	12.00	LB.	0.60	7.20	________
*NITROGEN (ANHY)	25.00	LB.	0.14	3.50	________
*PHOSPHATE	20.00	LB.	0.32	6.40	________
*HERBICIDE	1.00	ACRE	7.00	7.00	________
*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		11.85	________
EQUIPMENT		ACRE		1.56	________
REPAIRS------TRACTOR		ACRE		2.31	________
EQUIPMENT		ACRE		2.00	________
LABOR--------MACHINERY	2.08	HOUR	5.00	10.41	________
EQUIPMENT	0.63	HOUR	3.80	2.39	________
OPERATING CAPITAL	22.47	DOL.	0.155	3.48	________
SUBTOTAL, PREHARVEST		ACRE		$ 106.36	$________
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		$ 164.46	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 0.39/LB.		COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 66.54	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		19.11	________
EQUIPMENT		ACRE		19.56	________
MISC ADMIN O/H	0.50	ACRE	10.00	5.00	________
LAND-CASH RENT	1.00	ACRE	20.00	20.00	________
TOTAL FIXED COSTS		ACRE		$ 63.67	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 228.13	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 0.57/LB.		COTTON LINT	
6. NET PROJECTED RETURNS		ACRE		$ 2.87	$________

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
1982 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	2.02	1.31	0.0	3.51	6.84
CHISEL PLOW	3,33	SEPT	1.00	0.202	0.153	1.59	1.01	0.0	2.52	5.12
OFFSET DISC	3,34	SEPT	1.00	0.228	0.173	1.71	1.14	0.0	4.74	7.59
OFFSET DISC	3,34	DEC	1.00	0.228	0.173	1.71	1.14	0.0	4.74	7.59
BEDDER 6R	3,36	JAN	1.00	0.151	0.115	1.12	0.76	0.0	1.81	3.69
HERBICIDE SPRAYR	63	JAN	1.00	0.0	0.264	0.08	0.0	7.00	2.29	9.37
DRY FERT SPRDER	3,60	JAN	1.00	0.203	0.154	1.54	1.02	6.40	3.80	12.76
ANHYDROUS SPRDER	3,61	JAN	1.00	0.151	0.115	1.03	0.76	3.50	1.39	6.67
PLANTER 6R	3,42	MAR	1.00	0.224	0.170	1.97	1.12	7.20	5.48	15.77
ROLLING CULT 6R	3,38	APR	1.00	0.216	0.164	1.60	1.08	0.0	3.43	6.11
ROLLING CULT 6R	3,38	MAY	1.00	0.216	0.164	1.60	1.08	0.0	3.43	6.11
TOTALS				2.082	1.842	15.98	10.41	24.10	37.13	87.62

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)

QUANTITY OF COTTON LINT	LB.	0.46	0.52	0.58	0.64	0.70
	280.00	-0.52	15.72	31.96	48.20	64.44
	315.00	12.71	30.98	49.25	67.52	85.79
	350.00	25.94	46.24	66.54	86.84	107.14
	385.00	39.17	61.50	83.83	106.16	128.49
	420.00	52.40	76.76	101.12	125.48	149.84

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

GRAIN SORGHUM, DRYLAND
TEXAS WINTER GARDEN REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
GRAIN SORGHUM	25.00	CWT.	4.65	116.25	________
TOTAL PROJECTED RETURNS				$ 116.25	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*GRAIN SORG. SEED	4.00	LB.	0.59	2.36	________
*NITROGEN (ANHY)	60.00	LB.	0.14	8.40	________
*PHOSPHATE	40.00	LB.	0.32	12.80	________
*HERBICIDE	1.00	ACRE	8.00	8.00	________
HERBICIDE APPLI.	1.00	ACRE	4.00	4.00	________
*INSECTICIDE	2.00	APPL	6.00	12.00	________
INSECT. APPLI.	2.00	APPL	2.75	5.50	________
FUEL & LUBE--TRACTOR		ACRE		12.22	________
EQUIPMENT		ACRE		1.56	________
REPAIRS-------TRACTOR		ACRE		2.39	________
EQUIPMENT		ACRE		1.95	________
LABOR---------MACHINERY	2.15	HOUR	5.00	10.73	________
EQUIPMENT	0.63	HOUR	3.80	2.39	________
OPERATING CAPITAL	24.20	DOL.	0.155	3.75	________
SUBTOTAL, PREHARVEST		ACRE		$ 88.06	$________
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		$ 113.56	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 4.54/CWT. GRAIN SORGHUM			
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 2.69	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		19.71	________
EQUIPMENT		ACRE		18.29	________
LAND-CASH RENT	1.00	ACRE	10.00	10.00	________
MISC ADMIN O/H	0.30	ACRE	10.00	3.00	________
TOTAL FIXED COSTS		ACRE		$ 51.00	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 164.56	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 6.58/CWT. GRAIN SORGHUM			
6. NET PROJECTED RETURNS		ACRE		$ -48.31	$________

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

GRAIN SORGHUM, DRYLAND
TEXAS WINTER GARDEN REGION
1982 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	2.02	1.31	0.0	3.51	6.84
CHISEL PLOW	3,33	AUG	1.00	0.202	0.153	1.59	1.01	0.0	2.52	5.12
OFFSET DISC	3,34	SEPT	1.00	0.228	0.173	1.71	1.14	0.0	4.74	7.59
OFFSET DISC	3,34	DEC	1.00	0.228	0.173	1.71	1.14	0.0	4.74	7.59
ANHYDROUS SPRDER	3,61	FEB	1.00	0.151	0.115	1.03	0.76	8.40	1.39	11.57
DRY FERT SPRDER	3,60	FEB	1.00	0.203	0.154	1.54	1.02	12.80	3.80	19.16
PLANTER 6R	3,42	FEB	1.00	0.224	0.170	1.97	1.12	2.36	5.48	10.93
ROLLING CULT 6R	3,38	MAR	1.00	0.216	0.164	1.60	1.08	0.0	3.43	6.11
ROLLING CULT 6R	3,38	APR	1.00	0.216	0.164	1.60	1.08	0.0	3.43	6.11
ROLLING CULT 6R	3,38	MAY	1.00	0.216	0.164	1.60	1.08	0.0	3.43	6.11
TOTALS				2.147	1.626	16.38	10.73	23.56	36.46	87.13

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)

	CWT.	3.72	4.18	4.65	5.11	5.58
QUANTITY OF GRAIN SORGHUM	20.00	-37.66	-28.36	-19.06	-9.76	-0.46
	22.50	-29.11	-18.65	-8.18	2.28	12.74
	25.00	-20.56	-8.93	2.69	14.32	25.94
	27.50	-12.01	0.78	13.57	26.35	39.14
	30.00	-3.46	10.49	24.44	38.39	52.34

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
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
GRAIN SORGHUM	50.00	CWT.	4.65	232.50	________
TOTAL PROJECTED RETURNS				$ 232.50	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*GRAIN SORG. SEED	6.00	LB.	0.59	3.54	________
*NITROGEN (ANHY)	120.00	LB.	0.14	16.80	________
*PHOSPHATE	60.00	LB.	0.32	19.20	________
*HERBICIDE	1.00	ACRE	8.00	8.00	________
HERBICIDE APPLI.	1.00	ACRE	4.00	4.00	________
*INSECTICIDE	2.00	APPL	6.00	12.00	________
INSECT. APPLI.	2.00	APPL	2.75	5.50	________
HAIL INSURANCE	1.00	ACRE	8.00	8.00	________
IRRIGATION WATER	12.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		13.63	________
EQUIPMENT		ACRE		0.69	________
IRRIGATION		ACRE		34.56	________
REPAIRS------TRACTOR		ACRE		2.66	________
EQUIPMENT		ACRE		2.00	________
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	43.50	DOL.	0.155	6.74	________
SUBTOTAL, PREHARVEST		ACRE		$ 164.04	$________
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		$ 201.54	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 4.03/CWT. GRAIN SORGHUM			
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 30.96	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		21.98	________
EQUIPMENT		ACRE		18.96	________
IRRIGATION		ACRE		24.54	________
LAND-CASH RENT	1.00	ACRE	35.00	35.00	________
MISC ADMIN O/H	1.00	ACRE	10.00	10.00	________
TOTAL FIXED COSTS		ACRE		$ 110.48	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 312.01	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 6.24/CWT. GRAIN SORGHUM			
6. NET PROJECTED RETURNS		ACRE		$ -79.51	$________

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

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, IRRIGATED
TEXAS WINTER GARDEN REGION
1982 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	1.59	1.01	0.0	2.52	5.12
OFFSET DISC	3,34	AUG	1.00	0.228	0.173	1.71	1.14	0.0	4.74	7.59
OFFSET DISC	3,34	DEC	1.20	0.273	0.207	2.05	1.37	0.0	5.69	9.11
LAND PLANE	3,50	DEC	0.20	0.050	0.038	0.36	0.25	0.0	1.04	1.66
BEDDER 6R	3,36	JAN	1.00	0.151	0.115	1.12	0.76	0.0	1.81	3.69
DRY FERT SPRDER	3,60	FEB	1.00	0.203	0.154	1.54	1.02	19.20	3.80	25.56
ANHYDROUS SPRDER	3,61	FEB	1.00	0.151	0.115	1.03	0.76	16.80	1.39	19.97
PLANTER 6R	3,42	MAR	1.00	0.224	0.170	1.97	1.12	3.54	5.48	12.11
ROLLING CULT 6R	3,38	MAR	1.00	0.216	0.164	1.60	1.08	0.0	3.43	6.11
ROLLING CULT 6R	3,38	APR	1.00	0.216	0.164	1.60	1.08	0.0	3.43	6.11
ROLLING CULT 6R	3,38	MAY	1.00	0.216	0.164	1.60	1.08	0.0	3.43	6.11
SHREDDER	3,30	JULY	1.00	0.263	0.199	2.02	1.31	0.0	3.51	6.84
TOTALS				2.394	1.814	18.21	11.97	39.54	40.25	109.97

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	JAN	4.00	0.400	0.0	14.56	1.52	0.0	8.18	24.26
WATER APPLICATION	MAR	4.00	0.400	0.0	14.56	1.52	0.0	8.18	24.26
WATER APPLICATION	MAY	4.00	0.400	0.0	14.56	1.52	0.0	8.18	24.26
TOTALS		12.00	1.200	0.0	43.68	4.56	0.0	24.54	72.78

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 GRAIN SORGHUM (DOLLARS)

QUANTITY OF GRAIN SORGHUM (CWT.)	3.72	4.18	4.65	5.11	5.58
40.00	-45.24	-26.64	-8.04	10.56	29.16
45.00	-30.39	-9.46	11.46	32.39	53.31
50.00	-15.54	7.71	30.96	54.21	77.46
55.00	-0.69	24.89	50.46	76.04	101.61
60.00	14.16	42.06	69.96	97.86	125.76

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

GUAR, IRRIGATED, TEXAS WINTER GARDEN REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
GUAR	17.50	CWT.	22.00	385.00	
TOTAL PROJECTED RETURNS				$ 385.00	$
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*INSECTICIDE	1.00	APPL	6.00	6.00	
*GUAR SEED	8.00	LB.	0.40	3.20	
*INNOCULANT	1.00	ACRE	0.50	0.50	
*NITROGEN (ANHY)	100.00	LB.	0.14	14.00	
*PHOSPHATE	45.00	LB.	0.32	14.40	
*HERBICIDE	1.00	ACRE	8.00	8.00	
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		9.77	
EQUIPMENT		ACRE		1.56	
IRRIGATION		ACRE		37.44	
REPAIRS-------TRACTOR		ACRE		1.61	
EQUIPMENT		ACRE		1.99	
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	36.59	DOL.	0.155	5.67	
SUBTOTAL, PREHARVEST		ACRE		$ 145.56	$
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		$ 174.94	$
BREAK-EVEN PRICE, VARIABLE COSTS		$ 10.00/CWT. GUAR			
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 210.06	$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		19.00	
EQUIPMENT		ACRE		16.84	
IRRIGATION		ACRE		26.58	
LAND-CASH RENT	1.00	ACRE	30.00	30.00	
MISC ADMIN O/H	0.50	ACRE	10.00	5.00	
TOTAL FIXED COSTS		ACRE		$ 97.42	$
5. TOTAL PROJECTED COSTS		ACRE		$ 272.36	$
BREAK-EVEN PRICE, TOTAL COSTS		$ 15.56/CWT. GUAR			
6. NET PROJECTED RETURNS		ACRE		$ 112.64	$

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PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 02/15/82. B-1241(C12)

GUAR, IRRIGATED, TEXAS WINTER GARDEN REGION
1982 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	2.45	1.43	0.0	5.89	9.77
CHISEL PLOW	3,33	DEC	0.50	0.101	0.076	0.79	0.50	0.0	1.26	2.56
TANDEM DISC	3,58	JAN	1.00	0.208	0.158	1.51	1.04	0.0	3.50	6.05
BEDDER 6R	4,36	JAN	1.00	0.151	0.115	0.82	0.76	0.0	1.94	3.52
ROLLING CULT 6R	4,38	FEB	1.00	0.216	0.164	1.17	1.08	0.0	3.61	5.87
PLANTER 6R	4,42	APR	1.00	0.224	0.170	1.52	1.12	3.70	5.67	12.02
DRY FERT SPRDER	3,60	APR	1.00	0.203	0.154	1.54	1.02	14.40	3.80	20.76
ANHYDROUS SPRDER	3,61	APR	1.00	0.151	0.115	1.03	0.76	14.00	1.39	17.17
ROLLING CULT 6R	4,38	MAY	1.00	0.216	0.164	1.17	1.08	0.0	3.61	5.87
ROLLING CULT 6R	4,38	JUNE	1.00	0.216	0.164	1.17	1.08	0.0	3.61	5.87
TOTALS				1.972	1.494	13.19	9.86	32.10	34.30	89.45

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	14.56	1.52	0.0	8.18	24.26
WATER APPLICATION	MAY	3.00	0.300	0.0	10.92	1.14	0.0	6.14	18.19
WATER APPLICATION	JUNE	3.00	0.300	0.0	10.92	1.14	0.0	6.14	18.19
WATER APPLICATION	JULY	3.00	0.300	0.0	10.92	1.14	0.0	6.14	18.19
TOTALS		13.00	1.300	0.0	47.32	4.94	0.0	26.58	78.84

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.	17.60	19.80	22.00	24.20	26.40
	14.00	72.34	103.14	133.94	164.74	195.54
	15.75	102.70	137.35	172.00	206.65	241.30
	17.50	133.06	171.56	210.06	248.56	287.06
	19.25	163.42	205.77	248.12	290.47	332.82
	21.00	193.79	239.99	286.19	332.39	378.59

PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 02/15/82.

GUAR, DRYLAND, TEXAS WINTER GARDEN REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
GUAR	8.00	CWT.	22.00	176.00	________
TOTAL PROJECTED RETURNS				$ 176.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*GUAR SEED	8.00	LB.	0.40	3.20	________
*INNOCULANT	1.00	ACRE	0.50	0.50	________
*NITROGEN (ANHY)	50.00	LB.	0.14	7.00	________
*PHOSPHATE	15.00	LB.	0.32	4.80	________
*HERBICIDE	1.00	ACRE	8.00	8.00	________
*INSECTICIDE	1.00	APPL	6.00	6.00	________
INSECT. APPLI.	1.00	APPL	2.75	2.75	________
HERBICIDE APPLI.	1.00	ACRE	4.00	4.00	________
FUEL & LUBE--TRACTOR		ACRE		8.81	________
EQUIPMENT		ACRE		1.21	________
REPAIRS------TRACTOR		ACRE		1.48	________
EQUIPMENT		ACRE		1.60	________
LABOR---------MACHINERY	1.75	HOUR	5.00	8.75	________
EQUIPMENT	0.49	HOUR	3.80	1.86	________
OPERATING CAPITAL	10.78	DOL.	0.155	1.67	________
SUBTOTAL, PREHARVEST		ACRE		$ 61.64	$________
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		$ 88.64	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 11.08/CWT. GUAR			
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 87.36	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		16.77	________
EQUIPMENT		ACRE		15.00	________
LAND-CASH RENT	1.00	ACRE	20.00	20.00	________
MISC ADMIN O/H	0.50	ACRE	10.00	5.00	________
TOTAL FIXED COSTS		ACRE		$ 56.77	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 145.41	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 18.18/CWT. GUAR			
6. NET PROJECTED RETURNS		ACRE		$ 30.59	$________

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.