DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
07/21/90	HARVEST	A	DEFICIENCY PMT.	CORN	65.0000	.0000	C	.00	N
07/21/90	HARVEST	A	CORN		65.0000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
08/10/89	PREHARVEST	M	SHREDDING		1.0000			.00
08/20/89	PREHARVEST	M	CHISELING		1.0000			.00
09/15/89	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
12/15/89	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
01/01/90	PREHARVEST	E	FED. CROP INS.*	CORN	1.0000	C	V	.00
01/31/90	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
02/10/90	PREHARVEST	E	HERBICIDE	CORN	1.0000	C	V	.00
02/10/90	PREHARVEST	G	HERBICIDE APPL.		1.0000	C	V	.00
02/15/90	PREHARVEST	E	PHOSPHATE		40.0000	C	V	.00
02/15/90	PREHARVEST	M	APPLY.FERTILIZER		1.0000			.00
02/17/90	PREHARVEST	E	NITROGEN (ANHY)		60.0000	C	V	.00
02/17/90	PREHARVEST	M	ANHYDROUS APPL.		1.0000			.00
02/20/90	PREHARVEST	E	SEED	CORN-GR.	10.0000	C	V	.00
02/20/90	PREHARVEST	M	PLANTING	6 ROW	1.0000			.00
03/15/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
04/15/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
05/15/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
06/30/90		E	MISC ADMIN O/H		.3000		F	.00
07/20/90	HARVEST	G	CUSTOM HARVEST	CORN	1.0000	C	V	.00
07/20/90	HARVEST	G	CUSTOM HAULING	CORN	65.0000	C	V	.00
07/31/90		K	LAND - CASH RENT	SORGHUMD	1.0000		F	.00

CORN FOR FOOD, IRRIGATED

Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description		Quantity	Unit	$ / Unit	Total	Your Estimate
CORN	FOOD	100.000	bu.	3.5000	350.00	________
DEFICIENCY PMT.	CORN	100.000	bu.	0.2300	23.00	________
Total GROSS Income					373.00	________

VARIABLE COST Description		Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST						
HAIL INSURANCE*		1.000	acre	15.000	15.00	________
PHOSPHATE		90.000	lb.	.250	22.50	________
NITROGEN (ANHY)		200.000	lb.	.123	24.60	________
SEED		15.000	lb.	1.450	21.75	________
HERBICIDE		1.000	acre	12.500	12.50	________
HERBICIDE APPL.		1.000	acre	3.000	3.00	________
INSECTICIDE		1.000	appl	8.500	8.50	________
Fuel & Lube	- Machinery		Acre		14.80	________
	- Irrigation		Acre		44.49	________
Repairs	- Machinery		Acre		3.53	________
	- Irrigation		Acre		9.63	________
Labor	- Machinery	3.041	Hour	4.561	13.87	________
	- Irrigation	1.600	Hour	4.559	7.30	________
Total PREHARVEST					201.47	________
HARVEST						
CUSTOM HARVEST		1.000	acre	22.000	22.00	________
CUSTOM HAULING		100.000	bu.	.140	14.00	________
Total HARVEST					36.00	________
Interest	- OC Borrowed	111.788	Dol.	0.110	12.30	________
Total VARIABLE COST					249.76	________
GROSS INCOME minus VARIABLE COST					123.24	________

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	16.00	
Machinery and Equipment	Acre	50.12	________
Irrigation	Acre	51.63	________
Land	Acre	50.00	________
Total FIXED Cost		167.76	________
Total of ALL Cost		417.52	________
NET PROJECTED RETURNS		-44.52	________

* If multi-peril federal crop insurance is used the estimated cost for coverage 65 bu./acre production guarantee and $2.60/bu. price guarantee ($169.00/ac. protection): $5.75/acre premium.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
08/10/90	HARVEST	A	CORN	FOOD	100.0000	.0000	C	.00	N
08/10/90	HARVEST	A	DEFICIENCY PMT.	CORN	100.0000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
08/15/89	PREHARVEST	M	SHREDDING		1.0000			.00
08/20/89	PREHARVEST	M	CHISELING		1.0000			.00
08/22/89	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
08/25/89	PREHARVEST	M	PLANING	LAND	.2000			.00
08/27/89	PREHARVEST	M	DISC OFFSET	12 FT	.2000			.00
10/15/89	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
11/15/89	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00
12/15/89	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
12/31/89	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
01/20/90	PREHARVEST	O	IRRIGATION		3.0000			.00
02/01/90	PREHARVEST	E	HAIL INSURANCE*	CORN	1.0000	C	V	.00
02/05/90	PREHARVEST	E	PHOSPHATE		90.0000	C	V	.00
02/05/90	PREHARVEST	M	APPLY.FERTILIZER		1.0000			.00
02/07/90	PREHARVEST	M	ANHYDROUS APPL.		1.0000			.00
02/07/90	PREHARVEST	E	NITROGEN (ANHY)		200.0000	C	V	.00
02/10/90	PREHARVEST	E	SEED	CORNFOOD	15.0000	C	V	.00
02/10/90	PREHARVEST	M	PLANTING	6 ROW	1.0000			.00
02/15/90	PREHARVEST	E	HERBICIDE	CORN	1.0000	C	V	.00
02/15/90	PREHARVEST	G	HERBICIDE APPL.		1.0000	C	V	.00
02/15/90	PREHARVEST	E	INSECTICIDE	CORN	1.0000	C	V	.00
03/15/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
04/15/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
04/20/90	PREHARVEST	O	IRRIGATION		3.0000			.00
05/10/90	PREHARVEST	O	IRRIGATION		3.0000			.00
05/20/90	PREHARVEST	O	IRRIGATION		3.0000			.00
06/15/90	PREHARVEST	O	IRRIGATION		4.0000			.00
06/30/90		E	MISC ADMIN O/H		1.0000		F	.00
08/10/90	HARVEST	G	CUSTOM HARVEST	CORN	1.0000	C	V	.00
08/10/90	HARVEST	G	CUSTOM HAULING	CORN	100.0000	C	V	.00
08/10/90		K	LAND - CASH RENT	CORNFOOD	1.0000		F	.00

Projections for Planning Purposes Only
Not to be Used without Updating after April 20, 1990.

COTTON, IRRIGATED, LONG SEASON VARIETIES

Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
COTTON LINT IRRI.	900.000	lb.	0.6300	567.00	
COTTONSEED	0.729	ton	110.0000	80.19	
DEFICIENCY PMT. COTTON	900.000	lb.	0.1500	135.00	
Total GROSS Income				782.19	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
HERBICIDE	1.000	acre	8.500	8.50	
PHOSPHATE	50.000	lb.	.250	12.50	
NITROGEN (ANHY)	80.000	lb.	.123	9.84	
HAIL INSURANCE*	1.000	acre	19.500	19.50	
SEED	16.000	lb.	.550	8.80	
INSECTICIDE	1.000	appl	5.000	5.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
GROWTH RETARDANT	1.000	appl	14.000	14.00	
RETARDANT APPL.	1.000	appl	3.500	3.50	
INSECTICIDE	1.000	appl	5.000	5.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	7.500	7.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	7.500	7.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	7.500	7.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	7.500	7.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	10.000	10.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	10.000	10.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	10.000	10.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	10.000	10.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
Fuel & Lube - Machinery		Acre		18.83	
- Irrigation		Acre		44.49	
Repairs - Machinery		Acre		4.46	
- Irrigation		Acre		9.63	
Labor - Machinery	3.819	Hour	4.561	17.42	
- Other	4.000	Hour	4.560	18.24	
- Irrigation	1.600	Hour	4.559	7.30	
Total PREHARVEST				312.00	
HARVEST					
DEFOLIANT	1.000	acre	11.500	11.50	
DEFOLIANT APPL.	1.000	acre	3.000	3.00	
CUSTOM PICKING	900.000	lb.	.110	99.00	
GIN, BAG, TIES	1.880	bale	46.500	87.42	
TRANSPORTATION	1.980	bale	1.920	3.80	
Total HARVEST				204.72	
Interest - OC Borrowed	144.613	Dol.	0.110	15.91	
Total VARIABLE COST				532.63	
GROSS INCOME minus VARIABLE COST				249.56	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	16.00	
Machinery and Equipment	Acre	62.92	
Irrigation	Acre	51.63	
Land	Acre	50.00	
Total FIXED Cost		180.55	
Total of ALL Cost		713.18	
NET PROJECTED RETURNS		69.01	

* If multi-peril federal crop insurance is used the estimated cost for coverage 618 lbs./acre production guarantee and $0.53/lb. price guarantee ($328.00/ac. protection): $20.96/acre premium.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
09/20/90	HARVEST	A	COTTON LINT	IRRI.	900.0000	.0000	C	.00	N
09/20/90	HARVEST	A	COTTONSEED		.7290	.0000	C	.00	N
09/20/90	HARVEST	A	DEFICIENCY PMT.	COTTON	900.0000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
10/05/89	PREHARVEST	M	SHREDDING		1.0000			.00
10/10/89	PREHARVEST	M	CHISELING		1.0000			.00
10/15/89	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
10/20/89	PREHARVEST	M	PLANING	LAND	.2000			.00
10/25/89	PREHARVEST	M	DISC OFFSET	12 FT	.2000			.00
11/15/89	PREHARVEST	M	CHISELING		1.0000			.00
12/15/89	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
01/10/90	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
01/15/90	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00
01/20/90	PREHARVEST	E	HERBICIDE	COTTON	1.0000	C	V	.00
01/20/90	PREHARVEST	M	SPRAYING	12 FT	1.0000			.00
02/05/90	PREHARVEST	O	IRRIGATION		4.0000			.00
02/20/90	PREHARVEST	E	PHOSPHATE		50.0000	C	V	.00
02/20/90	PREHARVEST	M	APPLY.FERTILIZER		1.0000			.00
02/25/90	PREHARVEST	E	NITROGEN (ANHY)		80.0000	C	V	.00
02/25/90	PREHARVEST	M	ANHYDROUS APPL.		1.0000			.00
03/01/90	PREHARVEST	E	HAIL INSURANCE*	COTTONLS	1.0000	C	V	.00
03/01/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
03/10/90	PREHARVEST	E	SEED	COTTON	16.0000	C	V	.00
03/10/90	PREHARVEST	M	PLANTING	6 ROW	1.0000			.00
03/31/90	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
04/01/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
04/15/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
04/15/90	PREHARVEST	O	IRRIGATION		4.0000			.00
05/01/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
05/08/90	PREHARVEST	E	INSECTICIDE	COTTON#1	1.0000	C	V	.00
05/08/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
05/10/90	PREHARVEST	E	GROWTH RETARDANT		1.0000	C	V	.00
05/10/90	PREHARVEST	G	RETARDANT APPL.		1.0000	C	V	.00
05/15/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
06/01/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
06/05/90	PREHARVEST	E	INSECTICIDE	COTTON#1	1.0000	C	V	.00
06/05/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
06/12/90	PREHARVEST	E	INSECTICIDE	COTTON#2	1.0000	C	V	.00
06/12/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
06/15/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
06/15/90	PREHARVEST	O	IRRIGATION		4.0000			.00
06/19/90	PREHARVEST	E	INSECTICIDE	COTTON#2	1.0000	C	V	.00
06/19/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
06/26/90	PREHARVEST	E	INSECTICIDE	COTTON#2	1.0000	C	V	.00
06/26/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
06/30/90		E	MISC ADMIN O/H		1.0000		F	.00
07/05/90	PREHARVEST	E	INSECTICIDE	COTTON#2	1.0000	C	V	.00
07/05/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
07/12/90	PREHARVEST	E	INSECTICIDE	COTTON#3	1.0000	C	V	.00
07/12/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
07/26/90	PREHARVEST	E	INSECTICIDE	COTTON#3	1.0000	C	V	.00
07/26/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
08/05/90	PREHARVEST	E	INSECTICIDE	COTTON#3	1.0000	C	V	.00
08/05/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
08/15/90	PREHARVEST	O	IRRIGATION		4.0000			.00
08/20/90	PREHARVEST	E	INSECTICIDE	COTTON#3	1.0000	C	V	.00
08/20/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
09/05/90	HARVEST	E	DEFOLIANT		1.0000	C	V	.00
09/05/90	HARVEST	G	DEFOLIANT APPL.		1.0000	C	V	.00
09/20/90	HARVEST	G	CUSTOM PICKING	COTTON	900.0000	C	V	.00
09/20/90	HARVEST	E	GIN, BAG, TIES		1.8800	C	V	.00
09/20/90	HARVEST	G	TRANSPORTATION	COTTON	1.9800	C	V	.00
09/30/90		K	LAND - CASH RENT	COTTONI	1.0000		F	.00

COTTON, IRRIGATED, EXTRA LONG STAPLE VARIETIES
Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
COTTON LINT X-LONG	825.000	lb.	0.9000	742.50	
COTTONSEED	0.450	ton	110.0000	49.50	
Total GROSS Income				792.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
HERBICIDE	1.000	acre	8.500	8.50	
PHOSPHATE	50.000	lb.	.250	12.50	
NITROGEN (ANHY)	80.000	lb.	.123	9.84	
HAIL INSURANCE*	1.000	acre	19.500	19.50	
SEED	16.000	lb.	1.200	19.20	
INSECTICIDE	1.000	appl	5.000	5.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
GROWTH RETARDANT	1.000	appl	14.000	14.00	
RETARDANT APPL.	1.000	appl	3.500	3.50	
INSECTICIDE	1.000	appl	5.000	5.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	5.000	5.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	7.500	7.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	7.500	7.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	7.500	7.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	7.500	7.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	10.000	10.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	10.000	10.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	10.000	10.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	10.000	10.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
Fuel & Lube - Machinery		Acre		18.83	
- Irrigation		Acre		50.05	
Repairs - Machinery		Acre		4.46	
- Irrigation		Acre		10.84	
Labor - Machinery	3.819	Hour	4.561	17.42	
- Other	4.000	Hour	4.560	18.24	
- Irrigation	1.800	Hour	4.560	8.21	
Total PREHARVEST				338.58	
HARVEST					
DEFOLIANT	1.000	acre	11.500	11.50	
DEFOLIANT APPL.	1.000	acre	3.000	3.00	
CUSTOM PICKING	825.000	lb.	.110	90.75	
GIN, BAG, TIES	1.720	bale	46.500	79.98	
TRANSPORTATION	1.720	bale	1.920	3.30	
Total HARVEST				188.53	
Interest - OC Borrowed	156.913	Dol.	0:110	17.26	
Total VARIABLE COST				544.37	
GROSS INCOME minus VARIABLE COST				247.63	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	16.00	
Machinery and Equipment	Acre	62.92	
Irrigation	Acre	58.09	
Land	Acre	50.00	
Total FIXED Cost		187.01	
Total of ALL Cost		731.38	
NET PROJECTED RETURNS		60.62	

A fall application of herbicide may be necesary.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
09/20/90	HARVEST	A	COTTON LINT	X-LONG	825.0000	.0000	C	.00	N
09/20/90	HARVEST	A	COTTONSEED		.4500	.0000	C	.00	N
09/20/90	HARVEST	A	DEFICIENCY PMT.	COTTON	.0000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
10/05/89	PREHARVEST	M	SHREDDING		1.0000			.00
10/10/89	PREHARVEST	M	CHISELING		1.0000			.00
10/15/89	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
10/20/89	PREHARVEST	M	PLANING	LAND	.2000			.00
10/25/89	PREHARVEST	M	DISC OFFSET	12 FT	.2000			.00
11/15/89	PREHARVEST	M	CHISELING		1.0000			.00
12/15/89	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
01/10/90	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
01/15/90	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00
01/20/90	PREHARVEST	E	HERBICIDE	COTTON	1.0000	C	V	.00
01/20/90	PREHARVEST	M	SPRAYING	12 FT	1.0000			.00
02/05/90	PREHARVEST	O	IRRIGATION		4.5000			.00
02/20/90	PREHARVEST	E	PHOSPHATE		50.0000	C	V	.00
02/20/90	PREHARVEST	M	APPLY.FERTILIZER		1.0000			.00
02/25/90	PREHARVEST	E	NITROGEN (ANHY)		80.0000	C	V	.00
02/25/90	PREHARVEST	M	ANHYDROUS APPL.		1.0000			.00
03/01/90	PREHARVEST	E	HAIL INSURANCE*	COTTONLS	1.0000	C	V	.00
03/01/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
03/10/90	PREHARVEST	E	SEED	COTT-XL	16.0000	C	V	.00
03/10/90	PREHARVEST	M	PLANTING	6 ROW	1.0000			.00
03/31/90	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
04/01/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
04/15/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
04/15/90	PREHARVEST	O	IRRIGATION		4.5000			.00
05/01/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
05/08/90	PREHARVEST	E	INSECTICIDE	COTTON#1	1.0000	C	V	.00
05/08/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
05/10/90	PREHARVEST	E	GROWTH RETARDANT		1.0000	C	V	.00
05/10/90	PREHARVEST	G	RETARDANT APPL.		1.0000	C	V	.00
05/15/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
05/25/90	PREHARVEST	E	INSECTICIDE	COTTON#1	1.0000	C	V	.00
05/25/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
06/01/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
06/05/90	PREHARVEST	E	INSECTICIDE	COTTON#1	1.0000	C	V	.00
06/05/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
06/12/90	PREHARVEST	E	INSECTICIDE	COTTON#2	1.0000	C	V	.00
06/12/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
06/15/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
06/15/90	PREHARVEST	O	IRRIGATION		4.5000			.00
06/19/90	PREHARVEST	E	INSECTICIDE	COTTON#2	1.0000	C	V	.00
06/19/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
06/26/90	PREHARVEST	E	INSECTICIDE	COTTON#2	1.0000	C	V	.00
06/26/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
06/30/90		E	MISC ADMIN O/H		1.0000		F	.00
07/05/90	PREHARVEST	E	INSECTICIDE	COTTON#2	1.0000	C	V	.00
07/05/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
07/12/90	PREHARVEST	E	INSECTICIDE	COTTON#3	1.0000	C	V	.00
07/12/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
07/26/90	PREHARVEST	E	INSECTICIDE	COTTON#3	1.0000	C	V	.00
07/26/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
08/05/90	PREHARVEST	E	INSECTICIDE	COTTON#3	1.0000	C	V	.00
08/05/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
08/15/90	PREHARVEST	O	IRRIGATION		4.5000			.00
08/20/90	PREHARVEST	E	INSECTICIDE	COTTON#3	1.0000	C	V	.00
08/20/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
09/05/90	HARVEST	E	DEFOLIANT		1.0000	C	V	.00
09/05/90	HARVEST	G	DEFOLIANT APPL.		1.0000	C	V	.00
09/20/90	HARVEST	G	CUSTOM PICKING	COTTON	825.0000	C	V	.00
09/20/90	HARVEST	E	GIN, BAG, TIES		1.7200	C	V	.00
09/20/90	HARVEST	G	TRANSPORTATION	COTTON	1.7200	C	V	.00
09/30/90		K	LAND - CASH RENT	COTTONI	1.0000		F	.00

COTTON, IRRIGATED, SHORT SEASON VARIETIES
Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
COTTON LINT	750.000	lb.	0.6200	465.00	________
COTTONSEED	0.610	ton	110.0000	67.10	________
DEFICIENCY PMT. COTTON	750.000	lb.	0.1500	112.50	________
Total GROSS Income				644.60	________

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
HERBICIDE	1.000	acre	8.500	8.50	________
PHOSPHATE	40.000	lb.	.250	10.00	________
NITROGEN (ANHY)	25.000	lb.	.123	3.07	________
HAIL INSURANCE*	1.000	acre	13.000	13.00	________
SEED	16.000	lb.	.550	8.80	________
INSECTICIDE	1.000	appl	5.000	5.00	________
PESTICIDE APPL.	1.000	acre	3.500	3.50	________
INSECTICIDE	1.000	appl	5.000	5.00	________
PESTICIDE APPL.	1.000	acre	3.500	3.50	________
INSECTICIDE	1.000	appl	7.500	7.50	________
PESTICIDE APPL.	1.000	acre	3.500	3.50	________
INSECTICIDE	1.000	appl	7.500	7.50	________
PESTICIDE APPL.	1.000	acre	3.500	3.50	________
INSECTICIDE	1.000	appl	10.000	10.00	________
PESTICIDE APPL.	1.000	acre	3.500	3.50	________
Fuel & Lube - Machinery		Acre		17.22	________
- Irrigation		Acre		33.37	________
Repairs - Machinery		Acre		4.11	________
- Irrigation		Acre		7.22	________
Labor - Machinery	3.618	Hour	4.561	16.50	________
- Other	4.000	Hour	4.560	18.24	________
- Irrigation	1.200	Hour	4.559	5.47	________
Total PREHARVEST				198.01	________
HARVEST					
DEFOLIANT	1.000	acre	11.500	11.50	________
DEFOLIANT APPL.	1.000	acre	3.000	3.00	________
CUSTOM PICKING	750.000	lb.	.110	82.50	________
GIN, BAG, TIES	1.560	bale	46.500	72.54	________
TRANSPORTATION	1.560	bale	1.920	2.99	________
Total HARVEST				172.54	________
Interest - OC Borrowed	93.552	Dol.	0.110	10.29	________
Total VARIABLE COST				380.83	________
GROSS INCOME minus VARIABLE COST				263.77	________

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	12.00	________
Machinery and Equipment	Acre	60.04	________
Irrigation	Acre	38.73	________
Land	Acre	50.00	________
Total FIXED Cost		160.76	________
Total of ALL Cost		541.59	________
NET PROJECTED RETURNS		103.01	________

* If multi-peril federal crop insurance is used the estimated cost for coverage 488 lbs./acre production guarantee and $0.53/lb. price guarantee ($259.00/ac. protection): $19.79/acre premium.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
08/20/90	HARVEST	A	COTTON LINT		750.0000	.0000	C	.00	N
08/20/90	HARVEST	A	COTTONSEED		.6100	.0000	C	.00	N
08/20/90	HARVEST	A	DEFICIENCY PMT.	COTTON	750.0000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
09/05/89	PREHARVEST	M	SHREDDING		1.0000			.00
09/10/89	PREHARVEST	M	CHISELING		1.0000			.00
09/15/89	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
11/10/89	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
11/15/89	PREHARVEST	M	PLANING	LAND	.2000			.00
11/20/89	PREHARVEST	M	DISC OFFSET	12 FT	.2000			.00
01/05/90	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
01/10/90	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00
01/15/90	PREHARVEST	E	HERBICIDE	COTTON	1.0000	C	V	.00
01/15/90	PREHARVEST	M	SPRAYING	12 FT	1.0000			.00
01/20/90	PREHARVEST	E	PHOSPHATE		40.0000	C	V	.00
01/20/90	PREHARVEST	M	APPLY FERTILIZER		1.0000			.00
01/25/90	PREHARVEST	M	ANHYDROUS APPL.		1.0000			.00
01/25/90	PREHARVEST	E	NITROGEN (ANHY)		25.0000	C	V	.00
02/15/90	PREHARVEST	O	IRRIGATION		4.0000			.00
03/01/90	PREHARVEST	E	HAIL INSURANCE*	COTTONSS	1.0000	C	V	.00
03/01/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
03/10/90	PREHARVEST	E	SEED	COTTON	16.0000	C	V	.00
03/10/90	PREHARVEST	M	PLANTING	6 ROW	1.0000			.00
03/31/90	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
04/01/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
04/15/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
05/01/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
05/10/90	PREHARVEST	E	INSECTICIDE	COTTON#1	1.0000	C	V	.00
05/10/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
05/15/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
05/15/90	PREHARVEST	O	IRRIGATION		4.0000			.00
05/20/90	PREHARVEST	E	INSECTICIDE	COTTON#1	1.0000	C	V	.00
05/20/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
06/01/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
06/10/90	PREHARVEST	E	INSECTICIDE	COTTON#2	1.0000	C	V	.00
06/10/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
06/15/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
06/15/90	PREHARVEST	O	IRRIGATION		4.0000			.00
06/20/90	PREHARVEST	E	INSECTICIDE	COTTON#2	1.0000	C	V	.00
06/20/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
06/30/90		E	MISC ADMIN O/H		.7500		F	.00
07/10/90	PREHARVEST	E	INSECTICIDE	COTTON#3	1.0000	C	V	.00
07/10/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
08/05/90	HARVEST	E	DEFOLIANT		1.0000	C	V	.00
08/05/90	HARVEST	G	DEFOLIANT APPL.		1.0000	C	V	.00
08/20/90	HARVEST	G	CUSTOM PICKING	COTTON	750.0000	C	V	.00
08/20/90	HARVEST	E	GIN, BAG, TIES		1.5600	C	V	.00
08/20/90	HARVEST	G	TRANSPORTATION	COTTON	1.5600	C	V	.00
08/30/90		K	LAND - CASH RENT	COTTSSI	1.0000		F	.00

COTTON, DRYLAND, SHORT SEASON VARIETIES
Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
COTTON LINT	350.000	lb.	0.6200	217.00	
COTTONSEED	0.280	ton	110.0000	30.80	
DEFICIENCY PMT. COTTON	350.000	lb.	0.1500	52.50	
Total GROSS Income				300.30	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
FED. CROP INS.*	1.000	acre	15.250	15.25	
HERBICIDE	1.000	acre	8.500	8.50	
PHOSPHATE	20.000	lb.	.250	5.00	
NITROGEN (ANHY)	25.000	lb.	.123	3.07	
SEED	12.000	lb.	.550	6.60	
INSECTICIDE	1.000	appl	5.000	5.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	7.500	7.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	10.000	10.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
Fuel & Lube - Machinery		Acre		14.01	
Repairs - Machinery		Acre		3.33	
Labor - Machinery	3.078	Hour	4.561	14.04	
Total PREHARVEST				102.80	
HARVEST					
DEFOLIANT	1.000	acre	11.500	11.50	
DEFOLIANT APPL.	1.000	acre	3.000	3.00	
CUSTOM STRIPPING	14.000	cwt.	1.750	24.50	
GINNING	14.000	cwt.	1.750	24.50	
BALE, BAG, & TIE	0.700	bale	13.000	9.10	
TRANSPORTATION	0.700	bale	1.920	1.34	
Total HARVEST				73.94	
Interest - OC Borrowed	54.852	Dol.	0.110	6.03	
Total VARIABLE COST				182.78	
GROSS INCOME minus VARIABLE COST				117.52	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	8.00	

FIXED COST Description	Unit	Total	Your Estimate
Machinery and Equipment	Acre	47.95	
Land	Acre	20.00	
Total FIXED Cost		75.95	
Total of ALL Cost		258.73	
NET PROJECTED RETURNS		41.57	

* Estimate of multi-peril federal crop insurance coverage 228 lbs./acre production guarantee and $0.53/lb. price guarantee ($121.00/ac. protection): $15.25/acre premium.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
08/20/90	HARVEST	A	COTTON LINT		350.0000	.0000	C	.00	N
08/20/90	HARVEST	A	COTTONSEED		.2800	.0000	C	.00	N
08/20/90	HARVEST	A	DEFICIENCY PMT.	COTTON	350.0000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
09/05/89	PREHARVEST	M	SHREDDING		1.0000			.00
09/10/89	PREHARVEST	M	CHISELING		1.0000			.00
09/15/89	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
12/15/89	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
01/01/90	PREHARVEST	E	FED. CROP INS.*	COTTON	1.0000	C	V	.00
01/10/90	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00
01/15/90	PREHARVEST	E	HERBICIDE	COTTON	1.0000	C	V	.00
01/15/90	PREHARVEST	M	SPRAYING	12 FT	1.0000			.00
01/20/90	PREHARVEST	E	PHOSPHATE		20.0000	C	V	.00
01/20/90	PREHARVEST	M	APPLY.FERTILIZER		1.0000			.00
01/25/90	PREHARVEST	E	NITROGEN (ANHY)		25.0000	C	V	.00
01/25/90	PREHARVEST	M	ANHYDROUS APPL.		1.0000			.00
03/10/90	PREHARVEST	E	SEED	COTTON	12.0000	C	V	.00
03/10/90	PREHARVEST	M	PLANTING	6 ROW	1.0000			.00
03/31/90	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
04/15/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
05/15/90	PREHARVEST	E	INSECTICIDE	COTTON#1	1.0000	C	V	.00
05/15/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
05/15/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
06/15/90	PREHARVEST	E	INSECTICIDE	COTTON#2	1.0000	C	V	.00
06/15/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
06/30/90	PREHARVEST	E	MISC ADMIN O/H		.5000	C	F	.00
07/15/90	PREHARVEST	E	INSECTICIDE	COTTON#3	1.0000	C	V	.00
07/15/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
08/05/90	HARVEST	E	DEFOLIANT		1.0000	C	V	.00
08/05/90	HARVEST	G	DEFOLIANT APPL.		1.0000	C	V	.00
08/20/90	HARVEST	G	CUSTOM STRIPPING	COTTON	14.0000	C	V	.00
08/20/90	HARVEST	G	GINNING	STRIPPED	14.0000	C	V	.00
08/20/90	HARVEST	G	BALE, BAG, & TIE	STRIPPED	.7000	C	V	.00
08/20/90	HARVEST	G	TRANSPORTATION	COTTON	.7000	C	V	.00
08/31/90		K	LAND - CASH RENT	COTTSSD	1.0000		F	.00

SORGHUM, DRYLAND

Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
DEFICIENCY PMT. SORGHUM	30.000	cwt.	0.7100	21.30	
SORGHUM	30.000	cwt.	3.9300	117.90	
Total GROSS Income				139.20	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
FED. CROP INS.*	1.000	acre	2.850	2.85	
HERBICIDE	1.000	acre	10.000	10.00	
HERBICIDE APPL.	1.000	acre	3.000	3.00	
PHOSPHATE	40.000	lb.	.250	10.00	
NITROGEN (ANHY)	60.000	lb.	.123	7.38	
SEED	4.000	lb.	.800	3.20	
Fuel & Lube - Machinery		Acre		13.33	
Repairs - Machinery		Acre		3.21	
Labor - Machinery	2.794	Hour	4.561	12.74	
Total PREHARVEST				65.70	
HARVEST					
CUSTOM HARVEST	1.000	acre	15.000	15.00	
CUSTOM HAULING	30.000	cwt.	.250	7.50	
Total HARVEST				22.50	
Interest - OC Borrowed	36.963	Dol.	0.110	4.07	
Total VARIABLE COST				92.27	
GROSS INCOME minus VARIABLE COST				46.93	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	4.80	
Machinery and Equipment	Acre	45.15	
Land	Acre	15.00	
Total FIXED Cost		64.95	
Total of ALL Cost		157.22	
NET PROJECTED RETURNS		-18.02	

* Estimate of multi-peril federal crop insurance coverage 19.5 cwt./acre production guarantee and $2.95/cwt. price guarantee ($57.53/ac. protection): $2.85/acre premium.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
07/20/90	HARVEST	A	SORGHUM	30.0000	.0000	C	.00	N
07/21/90	HARVEST	A	DEFICIENCY PMT. SORGHUM	30.0000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
08/10/89	PREHARVEST	M	SHREDDING	1.0000			.00
08/20/89	PREHARVEST	M	CHISELING	1.0000			.00
09/15/89	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
12/15/89	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
01/01/90	PREHARVEST	E	FED. CROP INS.* SORGHUMD	1.0000	C	V	.00
01/31/90	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
02/10/90	PREHARVEST	E	HERBICIDE SORGHUM	1.0000	C	V	.00
02/10/90	PREHARVEST	G	HERBICIDE APPL.	1.0000	C	V	.00
02/15/90	PREHARVEST	E	PHOSPHATE	40.0000	C	V	.00
02/15/90	PREHARVEST	M	APPLY.FERTILIZER	1.0000			.00
02/17/90	PREHARVEST	E	NITROGEN (ANHY)	60.0000	C	V	.00
02/17/90	PREHARVEST	M	ANHYDROUS APPL.	1.0000			.00
02/20/90	PREHARVEST	E	SEED SORGHUM	4.0000	C	V	.00
02/20/90	PREHARVEST	M	PLANTING 6 ROW	1.0000			.00
03/15/90	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
04/15/90	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
05/15/90	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
06/30/90		E	MISC ADMIN O/H	.3000		F	.00
07/20/90	HARVEST	G	CUSTOM HARVEST SORGHUMD	1.0000	C	V	.00
07/20/90	HARVEST	G	CUSTOM HAULING SORGHUM	30.0000	C	V	.00
07/31/90		K	LAND - CASH RENT SORGHUMD	1.0000		F	.00

Projections for Planning Purposes Only
Not to be Used without Updating after April 20, 1990.

SORGHUM, IRRIGATED

Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
DEFICIENCY PMT. SORGHUM	50.000	cwt.	0.7100	35.50	
SORGHUM	50.000	cwt.	3.9300	196.50	
Total GROSS Income				232.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
FED. CROP INS.*	1.000	acre	1.980	1.98	
PHOSPHATE	60.000	lb.	.250	15.00	
NITROGEN (ANHY)	120.000	lb.	.123	14.76	
HERBICIDE	1.000	acre	10.000	10.00	
HERBICIDE APPL.	1.000	acre	3.000	3.00	
SEED	6.000	lb.	.800	4.80	
INSECTICIDE	2.000	appl	6.500	13.00	
INSECTICIDE APPL	2.000	acre	3.500	7.00	
Fuel & Lube - Machinery		Acre		14.80	
- Irrigation		Acre		33.37	
Repairs - Machinery		Acre		3.53	
- Irrigation		Acre		7.22	
Labor - Machinery	3.041	Hour	4.561	13.87	
- Irrigation	1.200	Hour	4.559	5.47	
Total PREHARVEST				147.80	
HARVEST					
CUSTOM HARVEST	50.000	cwt.	.450	22.50	
CUSTOM HAULING	50.000	cwt.	.250	12.50	
Total HARVEST				35.00	
Interest - OC Borrowed	69.687	Dol.	0.110	7.67	
Total VARIABLE COST				190.47	
GROSS INCOME minus VARIABLE COST				41.53	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	8.00	
Machinery and Equipment	Acre	50.12	
Irrigation	Acre	38.73	
Land	Acre	40.00	
Total FIXED Cost		136.85	
Total of ALL Cost		327.31	
NET PROJECTED RETURNS		-95.31	

* Estimate of multi-peril federal crop insurance coverage 32.5 cwt./acre production guarantee and $2.95/cwt. price guarantee ($95.88/ac. protection): $1.98/acre premium.

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.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
07/20/90	HARVEST	A	SORGHUM		50.0000	.0000	C	.00	N
07/20/90	HARVEST	A	DEFICIENCY PMT.	SORGHUM	50.0000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
07/30/89	PREHARVEST	M	SHREDDING		1.0000			.00
08/10/89	PREHARVEST	M	CHISELING		1.0000			.00
08/20/89	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
12/10/89	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
12/15/89	PREHARVEST	M	PLANING	LAND	.2000			.00
12/20/89	PREHARVEST	M	DISC OFFSET	12 FT	.2000			.00
01/01/90	PREHARVEST	E	FED. CROP INS.*	SORGHUMI	1.0000	C	V	.00
01/10/90	PREHARVEST	O	IRRIGATION		4.0000			.00
01/20/90	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00
02/15/90	PREHARVEST	E	PHOSPHATE		60.0000	C	V	.00
02/15/90	PREHARVEST	M	APPLY.FERTILIZER		1.0000			.00
02/20/90	PREHARVEST	E	NITROGEN (ANHY)		120.0000	C	V	.00
02/20/90	PREHARVEST	M	ANHYDROUS APPL.		1.0000			.00
02/25/90	PREHARVEST	E	HERBICIDE	SORGHUM	1.0000	C	V	.00
02/25/90	PREHARVEST	G	HERBICIDE APPL.		1.0000	C	V	.00
03/10/90	PREHARVEST	E	SEED	SORGHUM	6.0000	C	V	.00
03/10/90	PREHARVEST	M	PLANTING	6 ROW	1.0000			.00
03/15/90	PREHARVEST	O	IRRIGATION		4.0000			.00
03/20/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
03/31/90	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
04/20/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
05/15/90	PREHARVEST	O	IRRIGATION		4.0000			.00
05/20/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
06/10/90	PREHARVEST	E	INSECTICIDE	SORGHUM	2.0000	C	V	.00
06/10/90	PREHARVEST	G	INSECTICIDE APPL	AIR	2.0000	C	V	.00
06/30/90		E	MISC ADMIN O/H		.5000		F	.00
07/20/90	HARVEST	G	CUSTOM HARVEST	SORGHUMI	50.0000	C	V	.00
07/20/90	HARVEST	G	CUSTOM HAULING	SORGHUM	50.0000	C	V	.00
07/25/90		K	LAND - CASH RENT	SORGHUMI	1.0000		F	.00

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 April 20, 1990.

B-1241(C13)

GUAR, DRYLAND

Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
GUAR	8.000	cwt.	16.0000	128.00	
Total GROSS Income				128.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
PHOSPHATE	15.000	lb.	.250	3.75	
NITROGEN (ANHY)	50.000	lb.	.123	6.15	
HERBICIDE	1.000	acre	4.000	4.00	
HERBICIDE APPL.	1.000	acre	3.000	3.00	
SEED	8.000	lb.	.550	4.40	
INOCULANT	1.000	acre	.500	0.50	
INSECTICIDE	1.000	appl	6.500	6.50	
INSECTICIDE APPL	1.000	appl	3.000	3.00	
Fuel & Lube - Machinery		Acre		12.02	
Repairs - Machinery		Acre		2.79	
Labor - Machinery	2.466	Hour	4.561	11.25	
Total PREHARVEST				57.35	
HARVEST					
CUSTOM HARVEST	1.000	acre	20.000	20.00	
CUSTOM HAULING	8.000	cwt.	.250	2.00	
Total HARVEST				22.00	
Interest - OC Borrowed	26.712	Dol.	0.110	2.94	
Total VARIABLE COST				82.29	

Break-Even Price, Total Variable Cost $ 10.28 per cwt. of GUAR

GROSS INCOME minus VARIABLE COST		45.71	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	4.00	
Machinery and Equipment	Acre	40.58	
Land	Acre	20.00	
Total FIXED Cost		64.58	

Break-Even Price, Total Cost $ 18.35 per cwt. of GUAR

Total of ALL Cost	146.87	
NET PROJECTED RETURNS	-18.87	

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.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
10/20/90	HARVEST	A	GUAR	8.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
11/15/89	PREHARVEST	M	PLOWING	MLDBOARD	.3000			.00
01/15/90	PREHARVEST	M	DISCING	TANDEM	1.0000			.00
05/05/90	PREHARVEST	M	DISCING	TANDEM	1.0000			.00
05/10/90	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00
05/15/90	PREHARVEST	E	PHOSPHATE		15.0000	C	V	.00
05/15/90	PREHARVEST	M	APPLY.FERTILIZER		1.0000			.00
05/20/90	PREHARVEST	E	NITROGEN (ANHY)		50.0000	C	V	.00
05/20/90	PREHARVEST	M	ANHYDROUS APPL.		1.0000			.00
05/25/90	PREHARVEST	E	HERBICIDE	GUAR	1.0000	C	V	.00
05/25/90	PREHARVEST	G	HERBICIDE APPL.		1.0000	C	V	.00
06/10/90	PREHARVEST	E	SEED	GUAR	8.0000	C	V	.00
06/10/90	PREHARVEST	E	INOCULANT		1.0000	C	V	.00
06/10/90	PREHARVEST	M	PLANTING	6 ROW	1.0000			.00
06/30/90	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
07/15/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
08/15/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
08/20/90	PREHARVEST	E	INSECTICIDE	SORGHUM	1.0000	C	V	.00
08/20/90	PREHARVEST	G	INSECTICIDE APPL		1.0000	C	V	.00
10/20/90	HARVEST	G	CUSTOM HARVEST	GUAR	1.0000	C	V	.00
10/20/90	HARVEST	G	CUSTOM HAULING	GUAR	8.0000	C	V	.00
10/31/90		K	LAND - CASH RENT	GUARD	1.0000		F	.00
10/31/90		E	MISC ADMIN O/H		.2500		F	.00

Projections for Planning Purposes Only
Not to be Used without Updating after April 20, 1990.

GUAR, IRRIGATED

Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
GUAR	18.500	cwt.	16.0000	296.00	
Total GROSS Income				296.00	

VARIABLE COST Description		Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST						
HERBICIDE		1.000	acre	4.000	4.00	
HERBICIDE APPL.		1.000	acre	3.000	3.00	
PHOSPHATE		45.000	lb.	.250	11.25	
NITROGEN (ANHY)		100.000	lb.	.123	12.30	
SEED		8.000	lb.	.550	4.40	
INOCULANT		1.000	acre	.500	0.50	
INSECTICIDE		1.000	appl	6.500	6.50	
INSECTICIDE APPL		1.000	appl	3.000	3.00	
Fuel & Lube	- Machinery		Acre		14.37	
	- Irrigation		Acre		36.15	
Repairs	- Machinery		Acre		3.41	
	- Irrigation		Acre		7.83	
Labor	- Machinery	2.870	Hour	4.561	13.09	
	- Other	2.000	Hour	4.560	9.12	
	- Irrigation	1.300	Hour	4.559	5.93	
Total PREHARVEST					134.84	
HARVEST						
CUSTOM HARVEST		1.000	acre	20.000	20.00	
CUSTOM HAULING		18.500	cwt.	.250	4.62	
Total HARVEST					24.63	
Interest	- OC Borrowed	83.310	Dol.	0.110	9.16	
Total VARIABLE COST					168.63	

Break-Even Price, Total Variable Cost $ 9.11 per cwt. of GUAR

GROSS INCOME minus VARIABLE COST	127.37	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	8.00	
Machinery and Equipment	Acre	48.07	
Irrigation	Acre	41.95	
Land	Acre	30.00	
Total FIXED Cost		128.03	

Break-Even Price, Total Cost $ 16.03 per cwt. of GUAR

Total of ALL Cost	296.65	
NET PROJECTED RETURNS	-0.65	

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.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
10/20/90	HARVEST	A	GUAR	18.5000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
12/15/89	PREHARVEST	M	PLOWING MLDBOARD	.5000			.00
12/20/89	PREHARVEST	M	CHISELING	.5000			.00
01/10/90	PREHARVEST	M	DISCING TANDEM	1.0000			.00
01/15/90	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
01/20/90	PREHARVEST	M	BEDDING 6 ROW	1.0000			.00
01/25/90	PREHARVEST	E	HERBICIDE GUAR	1.0000	C	V	.00
01/25/90	PREHARVEST	G	HERBICIDE APPL.	1.0000	C	V	.00
02/15/90	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
03/15/90	PREHARVEST	O	IRRIGATION	4.0000			.00
04/10/90	PREHARVEST	E	PHOSPHATE	45.0000	C	V	.00
04/10/90	PREHARVEST	M	APPLY.FERTILIZER	1.0000			.00
04/12/90	PREHARVEST	E	NITROGEN (ANHY)	100.0000	C	V	.00
04/12/90	PREHARVEST	M	ANHYDROUS APPL.	1.0000			.00
04/15/90	PREHARVEST	E	SEED GUAR	8.0000	C	V	.00
04/15/90	PREHARVEST	E	INOCULANT	1.0000	C	V	.00
04/15/90	PREHARVEST	M	PLANTING 6 ROW	1.0000			.00
04/30/90	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
05/15/90	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
05/20/90	PREHARVEST	O	IRRIGATION	3.0000			.00
06/15/90	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
06/20/90	PREHARVEST	O	IRRIGATION	3.0000			.00
06/20/90	PREHARVEST	H	HIRED LABOR	2.0000	C	V	.00
06/20/90	PREHARVEST	E	INSECTICIDE SORGHUM	1.0000	C	V	.00
06/20/90	PREHARVEST	G	INSECTICIDE APPL	1.0000	C	V	.00
07/20/90	PREHARVEST	O	IRRIGATION	3.0000			.00
10/20/90	HARVEST	G	CUSTOM HARVEST GUAR	1.0000	C	V	.00
10/20/90	HARVEST	G	CUSTOM HAULING GUAR	18.5000	C	V	.00
10/31/90		K	LAND - CASH RENT GUARI	1.0000		F	.00
10/31/90		E	MISC ADMIN O/H	.5000		F	.00

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 April 20, 1990.

PEANUTS, RUNNER, IRRIGATED

Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description		Quantity	Unit	$ / Unit	Total	Your Estimate
PEANUTS	F.RUNNER	29.000	cwt.	30.9500	897.55	
Total GROSS Income					897.55	

VARIABLE COST Description		Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST						
FED. CROP INS.*		1.000	acre	18.140	18.14	
HERB, PRE-EMERGE		1.000	acre	6.120	6.12	
FERTILIZER APPL.		1.000	acre	1.500	1.50	
PHOSPHATE		50.000	lb.	.250	12.50	
SEED		100.000	lb.	.730	73.00	
HERB, POSTEMERGE		1.000	acre	14.400	14.40	
FUNGICIDE		1.000	appl	7.500	7.50	
PESTICIDE APPL.		1.000	acre	3.500	3.50	
FUNGICIDE		1.000	appl	7.500	7.50	
PESTICIDE APPL.		1.000	acre	3.500	3.50	
INSECTICIDE		1.000	appl	8.400	8.40	
FUNGICIDE, PCNB		1.000	appl	46.000	46.00	
FUNGICIDE		1.000	appl	7.500	7.50	
PESTICIDE APPL.		1.000	acre	3.500	3.50	
INSECTICIDE		1.000	appl	8.400	8.40	
FUNGICIDE		1.000	appl	7.500	7.50	
PESTICIDE APPL.		1.000	acre	3.500	3.50	
INSECTICIDE		1.000	appl	8.400	8.40	
SOIL FUNGICIDE		0.100	appl	22.500	2.25	
INSECTICIDE		1.000	appl	8.400	8.40	
PESTICIDE APPL.		1.000	acre	3.500	3.50	
FUNGICIDE		1.000	appl	7.500	7.50	
PESTICIDE APPL.		1.000	acre	3.500	3.50	
INSECTICIDE		1.000	appl	8.400	8.40	
CUSTOM INSECT.		1.000	appl	5.000	5.00	
Fuel & Lube	- Machinery		Acre		17.11	
	- Irrigation		Acre		38.93	
Repairs	- Machinery		Acre		4.27	
	- Irrigation		Acre		16.89	
Labor	- Machinery	3.633	Hour	4.560	16.57	
	- Other	3.000	Hour	4.560	13.68	
	- Irrigation	3.544	Hour	4.560	16.16	
Total PREHARVEST					403.02	
HARVEST						
CUSTOM HAULING		1.610	ton	8.000	12.88	
DRYING		1.610	ton	18.000	28.98	
Fuel & Lube	- Machinery		Acre		5.90	
Repairs	- Machinery		Acre		3.04	
Labor	- Machinery	1.629	Hour	4.560	7.43	
Total HARVEST					58.23	
Interest	- OC Borrowed	132.912	Dol.	0.110	14.62	
Total VARIABLE COST					475.87	

Break-Even Price, Total Variable Cost $ 16.40 per cwt. of PEANUTS

	Total	Your Estimate
GROSS INCOME minus VARIABLE COST	421.68	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	16.00	
Machinery and Equipment	Acre	90.62	
Irrigation	Acre	67.14	
Land	Acre	178.00	
Total FIXED Cost		351.76	

Break-Even Price, Total Cost $ 28.53 per cwt. of PEANUTS

	Total	Your Estimate
Total of ALL Cost	827.63	
NET PROJECTED RETURNS	69.92	

* Estimate of multi-peril federal crop insurance coverage 18.9 cwt./acre production guarantee and $32.00/cwt. price guarantee ($604.80/ac. protection): $18.74/acre premium.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
08/31/90	HARVEST	A	PEANUTS	F.RUNNER	29.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
09/15/89	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
10/15/89	PREHARVEST	M	DISCING	TANDEM	1.0000			.00
12/15/89	PREHARVEST	M	CHISELING		1.0000			.00
01/01/90	PREHARVEST	E	FED. CROP INS.*	FPEANUT	1.0000	C	V	.00
01/15/90	PREHARVEST	M	PLOWING	MLDBOARD	1.0000			.00
04/10/90	PREHARVEST	E	HERB, PRE-EMERGE	PEANUT	1.0000	C	V	.00
04/10/90	PREHARVEST	G	FERTILIZER APPL.		1.0000	C	V	.00
04/10/90	PREHARVEST	M	SPRAYING	12 FT	1.0000			.00
04/15/90	PREHARVEST	E	PHOSPHATE		50.0000	C	V	.00
04/20/90	PREHARVEST	E	SEED	PEANUT	100.0000	C	V	.00
04/20/90	PREHARVEST	M	PLANTING	PEANUT	1.0000			.00
04/22/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
04/25/90	PREHARVEST	M	CULTIVATING	6 ROW	1.0000			.00
04/30/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
05/01/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
05/10/90	PREHARVEST	E	HERB, POSTEMERGE	PEANUT	1.0000	C	V	.00
05/10/90	PREHARVEST	M	SPRAYING	12 FT	1.0000			.00
05/15/90	PREHARVEST	O	IRRIGATION	PEANUT	2.0000			.00
05/15/90	PREHARVEST	E	FUNGICIDE	PEANUT	1.0000	C	V	.00
05/15/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
05/20/90	PREHARVEST	M	CULTIVATING	6 ROW	1.0000			.00
05/31/90	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
06/01/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
06/10/90	PREHARVEST	E	FUNGICIDE	PEANUT	1.0000	C	V	.00
06/10/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
06/10/90	PREHARVEST	E	INSECTICIDE	PEANUT	1.0000	C	V	.00
06/15/90	PREHARVEST	O	IRRIGATION	PEANUT	5.0000			.00
06/15/90	PREHARVEST	G	FUNGICIDE, PCNB	APPL	1.0000	C	V	.00
06/20/90	PREHARVEST	E	FUNGICIDE	PEANUT	1.0000	C	V	.00
06/20/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
06/20/90	PREHARVEST	E	INSECTICIDE	PEANUT	1.0000	C	V	.00
06/30/90		E	MISC ADMIN O/H		1.0000		F	.00
07/01/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
07/10/90	PREHARVEST	E	FUNGICIDE	PEANUT	1.0000	C	V	.00
07/10/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
07/10/90	PREHARVEST	E	INSECTICIDE	PEANUT	1.0000	C	V	.00
07/15/90	PREHARVEST	O	IRRIGATION	PEANUT	5.0000			.00
07/15/90	PREHARVEST	E	SOIL FUNGICIDE	FPEANUT	.1000	C	V	.00
07/15/90	PREHARVEST	E	INSECTICIDE	PEANUT	1.0000	C	V	.00
07/15/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
07/20/90	PREHARVEST	E	FUNGICIDE	PEANUT	1.0000	C	V	.00
07/20/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
07/20/90	PREHARVEST	E	INSECTICIDE	PEANUT	1.0000	C	V	.00
07/25/90	PREHARVEST	G	CUSTOM INSECT.	PEANUT	1.0000	C	V	.00
08/10/90	PREHARVEST	O	IRRIGATION	PEANUT	2.0000			.00
08/20/90	HARVEST	G	CUSTOM HAULING	PEANUTS	1.6100	C	V	.00
08/20/90	HARVEST	G	DRYING	CUSTOM	1.6100	C	V	.00
08/20/90	HARVEST	M	DIGGING	PEANUT	1.0000			.00
08/20/90	HARVEST	M	COMBINING	PEANUT	1.0000			.00
08/31/90		K	LAND - CASH RENT	FPEANUTI	1.0000		F	.00

PEANUTS, SPANISH, DRYLAND

Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
SPANISH PEANUTS	11.500	cwt.	30.9500	355.92	
Total GROSS Income				355.92	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
FED. CROP INS.*	1.000	acre	30.480	30.48	
SEED	50.000	lb.	.730	36.50	
HERB, PRE-EMERGE	1.000	acre	6.120	6.12	
FUNGICIDE	1.000	appl	7.500	7.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
FUNGICIDE	1.000	appl	7.500	7.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	8.400	8.40	
FUNGICIDE, PCNB	50.000	lb.	.450	22.50	
FUNGICIDE	1.000	appl	7.500	7.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	8.400	8.40	
SOIL FUNGICIDE	12.500	acre	3.500	43.75	
Fuel & Lube - Machinery		Acre		15.57	
Repairs - Machinery		Acre		3.84	
Labor - Machinery	3.202	Hour	4.560	14.60	
- Other	2.500	Hour	4.560	11.40	
Total PREHARVEST				234.57	
HARVEST					
CUSTOM HAULING	0.630	ton	8.000	5.04	
DRYING	0.630	ton	18.000	11.34	
CUSTOM COMBINE	11.500	cwt.	1.500	17.25	
Total HARVEST				33.63	
Interest - OC Borrowed	70.967	Dol.	0.110	7.81	
Total VARIABLE COST				276.00	

Break-Even Price, Total Variable Cost $ 24.00 per cwt. of SPANISH PEANUTS

GROSS INCOME minus VARIABLE COST			79.92	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	8.00	
Machinery and Equipment	Acre	50.46	
Land	Acre	30.00	
Total FIXED Cost		88.46	

Break-Even Price, Total Cost $ 31.69 per cwt. of SPANISH PEANUTS

Total of ALL Cost	364.46	
NET PROJECTED RETURNS	-8.54	

* Estimate of multi-peril federal crop insurance coverage 7.5 cwt./acre production guarantee and $32.00/cwt. price guarantee ($240.00/ac. protection): $30.48/acre premium.

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.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
07/20/90	HARVEST	A	SPANISH PEANUTS	11.5000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
10/15/89	PREHARVEST	M	CHISELING		1.0000			.00
11/15/89	PREHARVEST	M	PLOWING	MLDBOARD	1.0000			.00
01/01/90	PREHARVEST	E	FED. CROP INS.*	SPEANUT	1.0000	C	V	.00
01/15/90	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00
02/15/90	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00
03/05/90	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00
03/10/90	PREHARVEST	E	SEED	PEANUT	50.0000	C	V	.00
03/10/90	PREHARVEST	M	PLANTING	PEANUT	1.0000			.00
03/15/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
03/20/90	PREHARVEST	E	HERB, PRE-EMERGE	PEANUT	1.0000	C	V	.00
03/20/90	PREHARVEST	M	SPRAYING	12 FT	1.0000			.00
03/25/90	PREHARVEST	M	CULTIVATING	6 ROW	1.0000			.00
03/31/90	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
04/10/90	PREHARVEST	E	FUNGICIDE	PEANUT	1.0000	C	V	.00
04/10/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
04/20/90	PREHARVEST	M	CULTIVATING	6 ROW	1.0000			.00
05/10/90	PREHARVEST	E	FUNGICIDE	PEANUT	1.0000	C	V	.00
05/10/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
05/10/90	PREHARVEST	E	INSECTICIDE	PEANUT	1.0000	C	V	.00
05/10/90	PREHARVEST	H	HIRED LABOR		1.2500	C	V	.00
05/20/90	PREHARVEST	M	CULTIVATING	6 ROW	1.0000			.00
05/25/90	PREHARVEST	E	FUNGICIDE, PCNB		50.0000	C	V	.00
06/10/90	PREHARVEST	E	FUNGICIDE	PEANUT	1.0000	C	V	.00
06/10/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
06/10/90	PREHARVEST	E	INSECTICIDE	PEANUT	1.0000	C	V	.00
06/10/90	PREHARVEST	H	HIRED LABOR		1.2500	C	V	.00
06/15/90	PREHARVEST	G	SOIL FUNGICIDE		12.5000	C	V	.00
06/30/90		E	MISC ADMIN O/H		.5000		F	.00
07/20/90	HARVEST	G	CUSTOM HAULING	PEANUTS	.6300	C	V	.00
07/20/90	HARVEST	G	DRYING	CUSTOM	.6300	C	V	.00
07/20/90	HARVEST	G	CUSTOM COMBINE	PEANUT	11.5000	C	V	.00
07/31/90		K	LAND - CASH RENT	SPEANUTD	1.0000		F	.00

SOYBEANS, IRRIGATED

Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
SOYBEANS	42.000	bu.	6.0000	252.00	
Total GROSS Income				252.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
FED. CROP INS.*	1.000	acre	7.360	7.36	
HERBICIDE	1.000	acre	4.000	4.00	
PHOSPHATE	50.000	lb.	.250	12.50	
FERTILIZER APPL.	1.000	acre	1.500	1.50	
SEED	42.000	lb.	.320	13.44	
INSECTICIDE	1.000	appl	7.000	7.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
Fuel & Lube - Machinery		Acre		15.04	
- Irrigation		Acre		33.37	
Repairs - Machinery		Acre		3.42	
- Irrigation		Acre		7.22	
Labor - Machinery	2.751	Hour	4.561	12.55	
- Other	3.000	Hour	4.560	13.68	
- Irrigation	1.200	Hour	4.559	5.47	
Total PREHARVEST				140.05	
Interest - OC Borrowed	85.554	Dol.	0.110	9.41	
HARVEST					
CUSTOM HARVEST	42.000	bu.	.750	31.50	
CUSTOM HAULING	42.000	bu.	.150	6.30	
Total HARVEST				37.80	
Total VARIABLE COST				187.26	

Break-Even Price, Total Variable Cost $ 4.45 per bu. of SOYBEANS

GROSS INCOME minus VARIABLE COST	64.74	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	16.00	
Machinery and Equipment	Acre	48.73	
Irrigation	Acre	38.73	
Land	Acre	40.00	
Total FIXED Cost		143.46	

Break-Even Price, Total Cost $ 7.87 per bu. of SOYBEANS

Total of ALL Cost	330.72	
NET PROJECTED RETURNS	-78.72	

* Estimate of multi-peril federal crop insurance coverage 27.3 bu./acre production guarantee and $5.50/bu. price guarantee ($150.15/ac. protection): $7.36/acre premium.

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.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
11/15/90	HARVEST	A	SOYBEANS	42.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
11/20/89	PREHARVEST	M	CHISELING		1.0000			.00
11/25/89	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
12/10/89	PREHARVEST	M	CHISEL/HARROW		1.0000			.00
12/15/89	PREHARVEST	M	PLANING	LAND	1.0000			.00
12/20/89	PREHARVEST	M	DISC OFFSET	12 FT	.2000			.00
01/01/90	PREHARVEST	E	FED. CROP INS.*	SOYBEAN	1.0000	C	V	.00
03/15/90	PREHARVEST	E	HERBICIDE	SOYBEAN	1.0000	C	V	.00
03/15/90	PREHARVEST	M	CULT. & SPRAY		1.0000			.00
04/15/90	PREHARVEST	E	PHOSPHATE		50.0000	C	V	.00
04/15/90	PREHARVEST	G	FERTILIZER APPL.		1.0000	C	V	.00
05/10/90	PREHARVEST	M	RODWEEDING		1.0000			.00
05/20/90	PREHARVEST	E	SEED	SOYBEAN	42.0000	C	V	.00
05/20/90	PREHARVEST	M	PLANTING	6 ROW	1.0000			.00
05/31/90	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
06/15/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
06/20/90	PREHARVEST	O	IRRIGATION		3.0000			.00
06/30/90		E	MISC ADMIN O/H		1.0000		F	.00
07/01/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
07/15/90	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
07/20/90	PREHARVEST	O	IRRIGATION		3.0000			.00
08/01/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
08/15/90	PREHARVEST	E	INSECTICIDE	SOYBEAN	1.0000	C	V	.00
08/15/90	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
08/20/90	PREHARVEST	O	IRRIGATION		3.0000			.00
09/01/90	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
09/20/90	PREHARVEST	O	IRRIGATION		3.0000			.00
11/15/90	HARVEST	G	CUSTOM HARVEST	SOYBEAN	42.0000	C	V	.00
11/15/90	HARVEST	G	CUSTOM HAULING	SOYBEANS	42.0000	C	V	.00
11/15/90		K	LAND - CASH RENT	SOYBEANS	1.0000		F	.00

Projections for Planning Purposes Only
Not to be Used without Updating after April 20, 1990.

WINTER WHEAT, IRRIGATED

Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
DEFICIENCY PMT. WHEAT	40.000	bu.	0.8900	35.60	
GRAZING*	90.000	days	0.4000	36.00	
WHEAT WINTER	40.000	bu.	3.0900	123.60	
Total GROSS Income				195.20	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
PHOSPHATE	40.000	lb.	.250	10.00	
NITROGEN (ANHY)	60.000	lb.	.123	7.38	
SEED	60.000	lb.	.160	9.60	
FED. CROP INS.*	1.000	acre	3.640	3.64	
NITROGEN (ANHY)	60.000	lb.	.123	7.38	
Fuel & Lube - Machinery		Acre		8.93	
- Irrigation		Acre		33.37	
Repairs - Machinery		Acre		2.14	
- Irrigation		Acre		7.22	
Labor - Machinery	2.148	Hour	4.561	9.79	
- Irrigation	1.200	Hour	4.559	5.47	
Total PREHARVEST				104.94	
HARVEST					
CUSTOM HARVEST	1.000	acre	17.500	17.50	
CUSTOM HAULING	40.000	bu.	.250	10.00	
Total HARVEST				27.50	
Interest - OC Borrowed	47.000	Dol.	0.110	5.17	
Total VARIABLE COST				137.61	
GROSS INCOME minus VARIABLE COST				57.59	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	8.00	
Machinery and Equipment	Acre	27.88	
Irrigation	Acre	38.73	
Land	Acre	30.00	
Total FIXED Cost		104.60	
Total of ALL Cost		242.21	
NET PROJECTED RETURNS		-47.01	

* Estimate of multi-peril federal crop insurance coverage 26 bu./acre production guarantee and $3.45/bu. price guarantee ($89.70/ac. protection): $3.64/acre premium. Grazing is based on number of Animal Unit Days.