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		A	GRAZING	SORGHUM	100.0000	.0000	N	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
02/15/90		M	CHISELING		1.0000			.00
04/20/90		M	DISCING	TANDEM	1.0000			.00
05/15/90		M	DRILLING	1 DRILL	1.0000			.00
05/15/90		E	SEED	SORGHUM	5.0000	C	V	.00
06/30/90		M	PICKUP TRUCK	3/4 TON	20.0000			.00
06/30/90		K	CASH-RENT	SORGHUMD	1.0000		F	.00

FORAGE SORGHUM, FURROW IRRIGATED, (NATURAL GAS)
Texas Panhandle District (1)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description		Quantity	Unit	$ / Unit	Total	Your Estimate
GRAZING	SORGHUM	150.000	lb.	0.4000	60.00	
Total GROSS Income					60.00	

VARIABLE COST Description		Quantity	Unit	$ / Unit	Total	Your Estimate
FERTILIZER (N)		150.000	lb.	.105	15.75	
FERTILIZER APPL.		1.000	acre	4.200	4.20	
SEED		20.000	lb.	.750	15.00	
Fuel & Lube	- Machinery		Acre		5.96	
	- Irrigation		Acre		47.76	
Repairs	- Machinery		Acre		2.29	
	- Irrigation		Acre		5.86	
Labor	- Machinery	1.912	Hour	5.000	9.56	
	- Irrigation	1.298	Hour	5.500	7.14	
Interest	- OC Borrowed	51.537	Dol.	0.120	6.18	
Total VARIABLE COST					119.71	

Break-Even Price, Total Variable Cost $ 0.79 per lb. of GRAZING

GROSS INCOME minus VARIABLE COST	-59.71	

FIXED COST Description	Unit	Total	Your Estimate
Machinery and Equipment	Acre	26.93	
Irrigation	Acre	28.31	
Land	Acre	25.00	
Total FIXED Cost		80.24	

Break-Even Price, Total Cost $ 1.33 per lb. of GRAZING

Total of ALL Cost	199.95	
NET PROJECTED RETURNS	-139.95	

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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		A	GRAZING	SORGHUM	150.0000	.0000	N	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
11/10/89		M	SHREDDING		1.0000			.00
11/20/89		M	DISCING	OFFSET	1.0000			.00
12/15/89		M	CHISELING		1.0000			.00
02/15/90		M	DISCING	TANDEM	1.0000			.00
03/15/90		E	FERTILIZER (N)		150.0000	C	V	.00
03/15/90		G	FERTILIZER APPL.		1.0000	C	V	.00
03/25/90		M	BEDDING		1.0000			.00
04/15/90		O	IRRIGATION	FURROW	6.0000			.00
04/30/90		M	PICKUP TRUCK	3/4 TON	20.0000			.00
05/10/90		M	ROD WEEDING		1.0000			.00
05/15/90		M	DRILLING	1 DRILL	1.0000			.00
05/15/90		E	SEED	SORGHUM	20.0000	C	V	.00
07/15/90		O	IRRIGATION	FURROW	6.0000			.00
08/15/90		O	IRRIGATION	FURROW	4.0000			.00
09/30/90		K	CASH-RENT	SORGHUMF	1.0000		F	.00

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

FORAGE SORGHUM FOR HAY, DRYLAND
Texas Panhandle District (1)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description		Quantity	Unit	$ / Unit	Total	Your Estimate
HAY	SORGHUM	1.500	ton	60.0000	90.00	
Total GROSS Income					90.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
SEED	5.000	lb.	.750	3.75	
Fuel & Lube - Machinery		Acre		2.78	
Repairs - Machinery		Acre		1.22	
Labor - Machinery	0.986	Hour	5.001	4.93	
Total PREHARVEST				12.68	
HARVEST					
CUSTOM SWATHING	1.000	acre	5.500	5.50	
CUSTOM BALING	50.000	bale	.600	30.00	
Total HARVEST				35.50	
Interest - OC Borrowed	4.589	Dol.	0.120	0.55	
Interest - Positive Cash	-1.193	Dol.	0.052	-0.06	
Total VARIABLE COST				48.67	

Break-Even Price, Total Variable Cost $ 32.44 per ton of HAY

GROSS INCOME minus VARIABLE COST	41.33	

FIXED COST Description	Unit	Total	Your Estimate
Machinery and Equipment	Acre	14.09	
Land	Acre	15.00	
Total FIXED Cost		29.09	

Break-Even Price, Total Cost $ 51.84 per ton of HAY

Total of ALL Cost	77.76	
NET PROJECTED RETURNS	12.24	

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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	HAY	SORGHUM	1.5000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
02/15/90	PREHARVEST	M	CHISELING		1.0000			.00
04/15/90	PREHARVEST	M	DISCING	TANDEM	1.0000			.00
05/15/90	PREHARVEST	M	DRILLING	1 DRILL	1.0000			.00
05/15/90	PREHARVEST	E	SEED	SORGHUM	5.0000	C	V	.00
06/30/90	PREHARVEST	M	PICKUP TRUCK	3/4 TON	10.0000			.00
08/18/90	HARVEST	G	CUSTOM SWATHING		1.0000	C	V	.00
08/20/90	HARVEST	G	CUSTOM BALING		50.0000	C	V	.00
08/31/90		K	CASH-RENT	SORGHUMD	1.0000		F	.00

SORGHUM, DRYLAND, CONTINUOUS
Texas Panhandle District (1)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
DEFICIENCY PMT. SORGHUM	15.000	cwt.	0.7100	10.65	
SORGHUM	15.000	cwt.	3.9300	58.95	
Total GROSS Income				69.60	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
FERTILIZER (N)	40.000	lb.	.105	4.20	
FERTILIZER APPL.	1.000	acre	4.200	4.20	
SEED	2.000	lb.	.750	1.50	
HERBICIDE	1.000	acre	6.000	6.00	
SET ASIDE	0.110	acre	7.460	0.82	
Fuel & Lube - Machinery		Acre		4.03	
Repairs - Machinery		Acre		1.69	
Labor - Machinery	1.281	Hour	5.000	6.41	
Total PREHARVEST				28.84	
Interest - OC Borrowed	11.032	Dol.	0.120	1.32	
Interest - Positive Cash	-1.115	Dol.	0.052	-0.06	
HARVEST					
CUSTOM HARVEST	1.000	acre	8.000	8.00	
CUSTOM HAULING	15.000	cwt.	.250	3.75	
Total HARVEST				11.75	
Total VARIABLE COST				41.86	
GROSS INCOME minus VARIABLE COST				27.74	

FIXED COST Description	Unit	Total	Your Estimate
SET ASIDE DRYCON F	acre	2.57	
Machinery and Equipment	Acre	15.38	
Land	Acre	15.00	
Total FIXED Cost		32.95	
Total of ALL Cost		74.81	
NET PROJECTED RETURNS		-5.21	

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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
09/19/90	HARVEST	A	SORGHUM		15.0000	.0000	C	.00	N
09/19/90	HARVEST	A	DEFICIENCY PMT.	SORGHUM	15.0000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
02/14/90	PREHARVEST	M	DISCING	OFFSET	1.0000			.00
04/09/90	PREHARVEST	M	CHISELING		1.0000			.00
04/19/90	PREHARVEST	M	DISCING	OFFSET	1.0000			.00
05/09/90	PREHARVEST	E	FERTILIZER (N)		40.0000	C	V	.00
05/09/90	PREHARVEST	G	FERTILIZER APPL.		1.0000	C	V	.00
05/14/90	PREHARVEST	M	PLANT AND SPRAY		1.0000			.00
05/14/90	PREHARVEST	E	SEED	SORGHUM	2.0000	C	V	.00
05/14/90	PREHARVEST	E	HERBICIDE	SORGHUM	1.0000	C	V	.00
06/29/90	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
08/31/90	PREHARVEST	E	SET ASIDE	DRYCON V	.1100	C	V	.00
08/31/90	PREHARVEST	E	SET ASIDE	DRYCON F	.1100	C	F	.00
09/30/90	HARVEST	G	CUSTOM HARVEST	SORGHUMD	1.0000	C	V	.00
09/30/90	HARVEST	G	CUSTOM HAULING	SORGHUMD	15.0000	C	V	.00
09/30/90		K	CASH-RENT	SORGHUMD	1.0000		F	.00

Projections for Planning Purposes Only
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CONT. SORGHUM, FURROW IRRIGATED, (NATURAL GAS)
Texas Panhandle District (1)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
DEFICIENCY PMT. SORGHUM	60.000	cwt.	0.7100	42.60	
SORGHUM	60.000	cwt.	3.9300	235.80	
Total GROSS Income				278.40	
VARIABLE COST Description	**Quantity**	**Unit**	**$ / Unit**	**Total**	
PREHARVEST					
FERTILIZER (N)	130.000	lb.	.105	13.65	
FERTILIZER APPL.	1.000	acre	4.200	4.20	
SEED	6.000	lb.	.750	4.50	
HERBICIDE	1.000	acre	10.000	10.00	
INSECTICIDE	1.000	acre	8.000	8.00	
SET ASIDE	0.110	acre	6.990	0.76	
Fuel & Lube - Machinery		Acre		7.92	
- Irrigation		Acre		71.64	
Repairs - Machinery		Acre		2.77	
- Irrigation		Acre		8.79	
Labor - Machinery	2.278	Hour	5.001	11.39	
- Irrigation	1.948	Hour	5.499	10.71	
Total PREHARVEST				154.35	
HARVEST					
CUSTOM HARVEST	60.000	cwt.	.350	21.00	
CUSTOM HAULING	60.000	cwt.	.250	15.00	
Total HARVEST				36.00	
Interest - OC Borrowed	65.875	Dol.	0.120	7.91	
Interest - Positive Cash	-1.463	Dol.	0.053	-0.08	
Total VARIABLE COST				198.18	
GROSS INCOME minus VARIABLE COST				80.22	
FIXED COST Description		**Unit**		**Total**	
SET ASIDE CORN F		acre		5.86	
Machinery and Equipment		Acre		33.78	
Irrigation		Acre		42.47	
Land		Acre		25.00	
Total FIXED Cost				107.10	
Total of ALL Cost				305.28	
NET PROJECTED RETURNS				-26.88	

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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	SORGHUM		60.0000	.0000	C	.00	N
09/20/90	HARVEST	A	DEFICIENCY PMT.	SORGHUM	60.0000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
11/10/89	PREHARVEST	M	SHREDDING		1.0000			.00
11/20/89	PREHARVEST	M	DISCING	OFFSET	1.0000			.00
12/15/89	PREHARVEST	M	CHISELING		1.0000			.00
02/15/90	PREHARVEST	M	DISCING	OFFSET	1.0000			.00
03/05/90	PREHARVEST	M	FLOATING		.5000			.00
03/10/90	PREHARVEST	M	BEDDING		1.0000			.00
03/13/90	PREHARVEST	E	FERTILIZER (N)		130.0000	C	V	.00
03/13/90	PREHARVEST	G	FERTILIZER APPL.		1.0000	C	V	.00
03/20/90	PREHARVEST	O	IRRIGATION	FURROW	8.0000			.00
04/15/90	PREHARVEST	M	CULTIVATING	ROLLING	1.0000			.00
05/10/90	PREHARVEST	M	ROD WEEDING		1.0000			.00
05/20/90	PREHARVEST	M	PLANT AND SPRAY		1.0000			.00
05/20/90	PREHARVEST	E	SEED	SORGHUM	6.0000	C	V	.00
05/20/90	PREHARVEST	E	HERBICIDE	SORGHUMI	1.0000	C	V	.00
05/20/90	PREHARVEST	E	INSECTICIDE	SORGHUM	1.0000	C	V	.00
05/25/90	PREHARVEST	M	FURROW OPENING		1.0000			.00
05/31/90	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
06/15/90	PREHARVEST	O	IRRIGATION	FURROW	6.0000			.00
07/15/90	PREHARVEST	O	IRRIGATION	FURROW	5.0000			.00
08/15/90	PREHARVEST	O	IRRIGATION	FURROW	5.0000			.00
09/01/90	PREHARVEST	E	SET ASIDE	CORN F	.1100	C	F	.00
09/01/90	PREHARVEST	E	SET ASIDE	CORN V	.1100	C	V	.00
09/20/90	HARVEST	G	CUSTOM HARVEST	SORGHUMI	60.0000	C	V	.00
09/20/90	HARVEST	G	CUSTOM HAULING	SORGHUMI	60.0000	C	V	.00
09/30/90		K	CASH-RENT	SORGHUMF	1.0000		F	.00

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CONT. SORGHUM, SPRINKLER IRRIGATED, (NATURAL GAS)
Texas Panhandle District (1)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
DEFICIENCY PMT. SORGHUM	57.000	cwt.	0.7100	40.47	
SORGHUM	57.000	cwt.	3.9300	224.01	
Total GROSS Income				264.48	
VARIABLE COST Description	**Quantity**	**Unit**	**$ / Unit**	**Total**	
PREHARVEST					
HERBICIDE	1.000	acre	6.000	6.00	
FERTILIZER (N)	120.000	lb.	.105	12.60	
FERTILIZER APPL.	1.000	acre	4.200	4.20	
SEED	6.000	lb.	.750	4.50	
INSECTICIDE	1.000	acre	8.000	8.00	
SET ASIDE	0.250	acre	6.990	1.74	
Fuel & Lube - Machinery		Acre		6.19	
- Irrigation		Acre		56.77	
Repairs - Machinery		Acre		2.23	
- Irrigation		Acre		19.10	
Labor - Machinery	1.914	Hour	5.000	9.57	
- Irrigation	0.838	Hour	5.500	4.61	
Total PREHARVEST				135.51	
HARVEST					
CUSTOM HARVEST	57.000	cwt.	.350	19.95	
CUSTOM HAULING	57.000	cwt.	.250	14.25	
Total HARVEST				34.20	
Interest - OC Borrowed	46.749	Dol.	0.120	5.61	
Interest - Positive Cash	-1.085	Dol.	0.053	-0.06	
Total VARIABLE COST				175.27	
GROSS INCOME minus VARIABLE COST				89.21	
FIXED COST Description		**Unit**		**Total**	
SET ASIDE CORN F		acre		13.32	
Machinery and Equipment		Acre		26.79	
Irrigation		Acre		59.82	
Land		Acre		25.00	
Total FIXED Cost				124.92	
Total of ALL Cost				300.19	
NET PROJECTED RETURNS				-35.71	

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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	SORGHUM		57.0000	.0000	C	.00	N
09/20/90	HARVEST	A	DEFICIENCY PMT.	SORGHUM	57.0000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
01/10/90	PREHARVEST	M	SHREDDING		1.0000			.00
01/20/90	PREHARVEST	M	CHISELING		1.0000			.00
03/10/90	PREHARVEST	M	DISCING	OFFSET	1.0000			.00
03/20/90	PREHARVEST	M	DISC & SPRAY		1.0000			.00
03/20/90	PREHARVEST	E	HERBICIDE	SORGHUM	1.0000	C	V	.00
05/10/90	PREHARVEST	M	ROD WEEDING		1.0000			.00
05/15/90	PREHARVEST	E	FERTILIZER (N)		120.0000	C	V	.00
05/15/90	PREHARVEST	O	IRRIGATION		3.0000			.00
05/15/90	PREHARVEST	G	FERTILIZER APPL.		1.0000	C	V	.00
05/20/90	PREHARVEST	M	PLANTING		1.0000			.00
05/20/90	PREHARVEST	E	SEED	SORGHUM	6.0000	C	V	.00
06/15/90	PREHARVEST	M	CULTIVATING	8 ROW	1.0000			.00
06/15/90	PREHARVEST	O	IRRIGATION		3.0000			.00
06/15/90	PREHARVEST	E	INSECTICIDE	SORGHUM	1.0000	C	V	.00
06/30/90	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
07/15/90	PREHARVEST	O	IRRIGATION		6.0000			.00
08/15/90	PREHARVEST	O	IRRIGATION		6.0000			.00
09/01/90	PREHARVEST	E	SET ASIDE	CORN V	.2500	C	V	.00
09/01/90	PREHARVEST	E	SET ASIDE	CORN F	.2500	C	F	.00
09/20/90	HARVEST	G	CUSTOM HARVEST	SORGHUMI	57.0000	C	V	.00
09/20/90	HARVEST	G	CUSTOM HAULING	SORGHUMI	57.0000	C	V	.00
09/30/90		K	CASH-RENT	SORGHUMS	1.0000		F	.00

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B-1241(C01)

SOYBEANS, FURROW IRRIGATED, (NATURAL GAS)
Texas Panhandle District (1)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
SOYBEANS	45.000	bu.	10.0000	450.00	
Total GROSS Income				450.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
HERBICIDE	1.000	acre	6.000	6.00	
FERTILIZER (N)	100.000	lb.	.105	10.50	
FERTILIZER APPL.	1.000	acre	4.200	4.20	
SEED	60.000	lb.	.250	15.00	
Fuel & Lube - Machinery		Acre		8.35	
- Irrigation		Acre		69.39	
Repairs - Machinery		Acre		3.19	
- Irrigation		Acre		23.35	
Labor - Machinery	1.828	Hour	5.001	9.14	
- Irrigation	1.024	Hour	5.501	5.63	
Total PREHARVEST				154.75	
Interest - OC Borrowed	69.192	Dol.	0.120	8.30	
HARVEST					
CUSTOM HARVEST	1.000	acre	15.000	15.00	
CUSTOM HAULING	50.000	bu.	.150	7.50	
Total HARVEST				22.50	
Total VARIABLE COST				185.55	

Break-Even Price, Total Variable Cost $ 4.12 per bu. of SOYBEANS

GROSS INCOME minus VARIABLE COST	264.45	

FIXED COST Description	Unit	Total	Your Estimate
Machinery and Equipment	Acre	34.93	
Irrigation	Acre	73.11	
Land	Acre	25.00	
Total FIXED Cost		133.04	

Break-Even Price, Total Cost $ 7.07 per bu. of SOYBEANS

Total of ALL Cost	318.59	
NET PROJECTED RETURNS	131.41	

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
09/30/90	HARVEST	A	SOYBEANS	45.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
11/09/89	PREHARVEST	M	SHREDDING		1.0000			.00
11/19/89	PREHARVEST	M	DISCING	OFFSET	1.0000			.00
12/09/89	PREHARVEST	M	FIELD CULTIVATOR		1.0000			.00
12/19/89	PREHARVEST	M	CHISELING		1.0000			.00
12/30/89	PREHARVEST	M	PICKUP TRUCK	3/4 TON	1.0000			.00
02/14/90	PREHARVEST	M	DISCING	OFFSET	1.0000			.00
04/04/90	PREHARVEST	M	DISCING	TANDEM	1.0000			.00
04/14/90	PREHARVEST	M	DISC & SPRAY		1.0000			.00
04/14/90	PREHARVEST	E	HERBICIDE	SOYBEAN	1.0000	C	V	.00
04/19/90	PREHARVEST	M	BEDDING		1.0000			.00
04/24/90	PREHARVEST	M	CULTIVATING	ROLLING	1.0000			.00
04/29/90	PREHARVEST	O	IRRIGATION		6.0000			.00
05/09/90	PREHARVEST	E	FERTILIZER (N)		100.0000	C	V	.00
05/09/90	PREHARVEST	G	FERTILIZER APPL.		1.0000	C	V	.00
05/14/90	PREHARVEST	M	PLANTING	12 ROW	1.0000			.00
05/14/90	PREHARVEST	E	SEED	SOYBEAN	60.0000	C	V	.00
06/14/90	PREHARVEST	M	CULTIVATING	ROLLING	1.0000			.00
06/19/90	PREHARVEST	O	IRRIGATION		4.0000			.00
07/04/90	PREHARVEST	M	FURROW OPENING		1.0000			.00
07/09/90	PREHARVEST	O	IRRIGATION		4.0000			.00
07/24/90	PREHARVEST	O	IRRIGATION		4.0000			.00
08/19/90	PREHARVEST	O	IRRIGATION		4.0000			.00
09/30/90	HARVEST	G	CUSTOM HARVEST	SOYBEAN	1.0000	C	V	.00
09/30/90	HARVEST	G	CUSTOM HAULING	SOYBEAN	50.0000	C	V	.00
09/30/90		K	CASH-RENT	SOYBEANS	1.0000		F	.00

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

B-1241(C01)

SUGAR BEETS, IRRIGATED
Texas Panhandle District (1)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
SUGAR BEETS	20.000	ton	31.0700	621.40	
Total GROSS Income				621.40	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
HERBICIDE PRE	1.000	acre	19.000	19.00	
INSECTICIDE	1.000	acre	6.240	6.24	
SEED	1.800	lb.	13.000	23.40	
THINNING	1.000	acre	25.000	25.00	
HERBI. - TREFLAN	1.000	acre	3.130	3.13	
FUNG. BAYLETON	1.000	appl	18.540	18.54	
FUNG. BAYLETON	1.000	appl	18.540	18.54	
HOEING	1.000	acre	11.000	11.00	
FUNG. SUPER TEN	1.000	appl	10.650	10.65	
HOEING	1.000	acre	11.000	11.00	
FUNG. SUPER TEN	1.000	appl	10.650	10.65	
Fuel & Lube - Machinery		Acre		9.85	
- Irrigation		Acre		69.25	
Repairs - Machinery		Acre		3.34	
- Irrigation		Acre		8.50	
Labor - Machinery	2.362	Hour	5.000	11.81	
- Irrigation	1.883	Hour	5.499	10.35	
Total PREHARVEST				270.26	
Interest - OC Borrowed	135.423	Dol.	0.120	16.25	
HARVEST					
CUST HARV & HAUL	20.000	ton	5.000	100.00	
Total HARVEST				100.00	
Total VARIABLE COST				386.51	

Break-Even Price, Total Variable Cost $ 19.32 per ton of SUGAR BEETS

GROSS INCOME minus VARIABLE COST		234.89	

FIXED COST Description	Unit	Total	Your Estimate
Machinery and Equipment	Acre	40.72	
Irrigation	Acre	41.05	
Land	Acre	45.00	
Total FIXED Cost		126.77	

Break-Even Price, Total Cost $ 25.66 per ton of SUGAR BEETS

Total of ALL Cost		513.29	
NET PROJECTED RETURNS		108.12	

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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	SUGAR BEETS	20.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
07/20/89	PREHARVEST	M	DISCING SUGBEET	OFFSET	1.0000			.00
08/30/89	PREHARVEST	M	DISCING SUGBEET	OFFSET	1.0000			.00
12/20/89	PREHARVEST	M	DISCING SUGBEET	OFFSET	1.0000			.00
01/30/90	PREHARVEST	M	CHISELING	SUGBEET	1.0000			.00
02/10/90	PREHARVEST	M	CHISELING	SUGBEET	1.0000			.00
03/01/90	PREHARVEST	M	LISTING	SUGBEET	1.0000			.00
03/01/90	PREHARVEST	E	HERBICIDE PRE	SUGBEET	1.0000	C	V	.00
03/01/90	PREHARVEST	E	INSECTICIDE	SUGBEET	1.0000	C	V	.00
03/25/90	PREHARVEST	M	PLANTING	SUGBEET	1.0000			.00
03/25/90	PREHARVEST	E	SEED	SUGBEET	1.8000	C	V	.00
04/01/90	PREHARVEST	O	IRRIGATION	FURROW	6.0000			.00
04/15/90	PREHARVEST	M	CULTIVATING	8 ROW	1.0000			.00
05/01/90	PREHARVEST	M	CULTIVATING	8 ROW	1.0000			.00
05/20/90	PREHARVEST	G	THINNING	CUSTOM	1.0000	C	V	.00
06/01/90	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
06/15/90	PREHARVEST	O	IRRIGATION	FURROW	4.0000			.00
06/30/90	PREHARVEST	M	CULT. SUGBEET	ROLLING	1.0000			.00
06/30/90	PREHARVEST	E	HERBI. - TREFLAN	SUGBEET	1.0000			.00
07/02/90	PREHARVEST	M	CULT. SUGBEET	ROLLING	1.0000			.00
07/10/90	PREHARVEST	E	FUNG. BAYLETON	BEETS	1.0000	C	V	.00
07/15/90	PREHARVEST	O	IRRIGATION	FURROW	4.0000			.00
08/01/90	PREHARVEST	E	FUNG. BAYLETON	BEETS	1.0000	C	V	.00
08/01/90	PREHARVEST	G	HOEING		1.0000	C	V	.00
08/08/90	PREHARVEST	E	FUNG. SUPER TEN	BEETS	1.0000	C	V	.00
08/15/90	PREHARVEST	O	IRRIGATION	FURROW	4.0000			.00
08/24/90	PREHARVEST	O	IRRIGATION	FURROW	5.2000			.00
08/30/90	PREHARVEST	G	HOEING		1.0000	C	V	.00
09/01/90	PREHARVEST	E	FUNG. SUPER TEN	BEETS	1.0000	C	V	.00
11/15/90	HARVEST	G	CUST HARV & HAUL	SUGBEET	20.0000	C	V	.00
11/15/90		K	CASH-RENT	SUGBEET	1.0000	C	F	.00

Projections for Planning Purposes Only
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CONTINUOUS WHEAT, DRYLAND
Texas Panhandle District (1)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
DEFICIENCY PMT. WHEAT	15.000	bu.	0.8900	13.35	
GRAZING DRYLAND	60.000	days	0.1498	8.99	
WHEAT	15.000	bu.	3.0500	45.75	
Total GROSS Income				68.09	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	
PREHARVEST					
SEED	0.500	bu.	12.000	6.00	
SET ASIDE	0.052	acre	7.460	0.39	
Fuel & Lube - Machinery		Acre		4.63	
Repairs - Machinery		Acre		1.75	
Labor - Machinery	1.309	Hour	5.000	6.55	
Total PREHARVEST				19.31	
HARVEST					
CUSTOM HARVEST	1.000	bu.	10.000	10.00	
CUSTOM HAULING	15.000	bu.	.100	1.50	
Total HARVEST				11.50	
Interest - OC Borrowed	13.689	Dol.	0.120	1.64	
Interest - Positive Cash	-0.785	Dol.	0.052	-0.04	
Total VARIABLE COST				32.41	
GROSS INCOME minus VARIABLE COST				35.68	

FIXED COST Description	Unit	Total	
SET ASIDE DRYCON F	acre	1.23	
Machinery and Equipment	Acre	15.25	
Land	Acre	15.00	
Total FIXED Cost		31.48	
Total of ALL Cost		63.89	
NET PROJECTED RETURNS		4.20	

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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
01/15/90		A	GRAZING	DRYLAND	20.0000	.0000	N	.00	N
02/15/90		A	GRAZING	DRYLAND	20.0000	.0000	N	.00	N
03/15/90		A	GRAZING	DRYLAND	20.0000	.0000	N	.00	N
05/20/90	HARVEST	A	WHEAT		15.0000	.0000	C	.00	N
05/20/90	HARVEST	A	DEFICIENCY PMT.	WHEAT	15.0000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
06/15/89	PREHARVEST	M	BLADE PLOWING		1.0000			.00
07/15/89	PREHARVEST	M	CHISELING		1.0000			.00
08/15/89	PREHARVEST	M	FIELD CULTIVATOR		1.0000			.00
09/10/89	PREHARVEST	M	FIELD CULTIVATOR		1.0000			.00
09/20/89	PREHARVEST	M	DRILLING	2 DRILLS	1.0000			.00
09/20/89	PREHARVEST	E	SEED	WHEAT	.5000	C	V	.00
12/31/89	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
05/02/90	PREHARVEST	E	SET ASIDE	DRYCON V	.0526	C	V	.00
05/02/90	PREHARVEST	E	SET ASIDE	DRYCON F	.0526	C	F	.00
05/20/90	HARVEST	G	CUSTOM HARVEST	WHEATD	1.0000	C	V	.00
05/20/90	HARVEST	G	CUSTOM HAULING	WHEAT	15.0000	C	V	.00
05/31/90		K	CASH-RENT	WHEATDS	1.0000		F	.00

CONTINUOUS WHEAT, FURROW IRRIGATED, (NATURAL GAS)
Texas Panhandle District (1)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description		Quantity	Unit	$ / Unit	Total	Your Estimate
DEFICIENCY PMT.	WHEAT	60.000	bu.	0.8900	53.40	________
GRAZING	IRRIG.	105.000	days	0.4000	42.00	________
WHEAT		60.000	bu.	3.0500	183.00	________
Total GROSS Income					278.40	________

VARIABLE COST Description		Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST						
FERTILIZER (N)		100.000	lb.	.105	10.50	________
FERTILIZER APPL.		1.000	acre	4.200	4.20	________
INSECTICIDE		1.000	appl	5.500	5.50	________
SEED		1.250	bu.	12.000	15.00	________
SET ASIDE		0.052	acre	6.990	0.36	________
Fuel & Lube	- Machinery		Acre		4.65	________
	- Irrigation		Acre		71.64	________
Repairs	- Machinery		Acre		2.07	________
	- Irrigation		Acre		8.79	________
Labor	- Machinery	0.789	Hour	5.000	3.95	________
	- Irrigation	1.948	Hour	5.500	10.71	________
Total PREHARVEST					137.37	________
HARVEST						
CUSTOM HARVEST		60.000	bu.	.250	15.00	________
CUSTOM HAULING		60.000	bu.	.100	6.00	________
Total HARVEST					21.00	________
Interest	- OC Borrowed	81.606	Dol.	0.120	9.79	________
Interest	- Positive Cash	-1.482	Dol.	0.053	-0.08	________
Total VARIABLE COST					168.09	________
GROSS INCOME minus VARIABLE COST					110.31	________

FIXED COST Description		Unit	Total	Your Estimate
SET ASIDE	IRRGRN F	acre	1.75	
Machinery and Equipment		Acre	15.94	________
Irrigation		Acre	42.47	________
Land		Acre	25.00	________
Total FIXED Cost			85.15	________
Total of ALL Cost			253.24	________
NET PROJECTED RETURNS			25.16	________

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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
12/15/89		A	GRAZING	IRRIG.	30.0000	.0000	N	.00	N
01/15/90		A	GRAZING	IRRIG.	30.0000	.0000	N	.00	N
02/15/90		A	GRAZING	IRRIG.	30.0000	.0000	N	.00	N
03/15/90		A	GRAZING	IRRIG.	15.0000	.0000	N	.00	N
05/20/90	HARVEST	A	WHEAT		60.0000	.0000	C	.00	N
05/20/90	HARVEST	A	DEFICIENCY PMT.	WHEAT	60.0000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
06/15/89	PREHARVEST	M	DISCING	OFFSET	1.0000			.00
07/15/89	PREHARVEST	M	BLADE PLOWING		1.0000			.00
08/05/89	PREHARVEST	M	CHISELING		1.0000			.00
08/10/89	PREHARVEST	M	DISCING	OFFSET	1.0000			.00
08/12/89	PREHARVEST	E	FERTILIZER (N)		100.0000	C	V	.00
08/12/89	PREHARVEST	G	FERTILIZER APPL.		1.0000	C	V	.00
08/15/89	PREHARVEST	M	BEDDING		1.0000			.00
08/20/89	PREHARVEST	M	ROD WEEDING		1.0000			.00
08/20/89	PREHARVEST	E	INSECTICIDE	WHEAT	1.0000	C	V	.00
08/25/89	PREHARVEST	M	DRILLING	2 DRILLS	1.0000			.00
08/25/89	PREHARVEST	E	SEED	WHEAT	1.2500	C	V	.00
09/15/89	PREHARVEST	O	IRRIGATION	FURROW	8.0000			.00
11/15/89	PREHARVEST	O	IRRIGATION	FURROW	4.0000			.00
02/15/90	PREHARVEST	O	IRRIGATION	FURROW	4.0000			.00
04/10/90	PREHARVEST	O	IRRIGATION	FURROW	4.0000			.00
05/02/90	PREHARVEST	E	SET ASIDE	IRRGRN V	.0526	C	V	.00
05/02/90	PREHARVEST	E	SET ASIDE	IRRGRN F	.0526	C	F	.00
05/05/90	PREHARVEST	O	IRRIGATION	FURROW	4.0000			.00
05/20/90	HARVEST	G	CUSTOM HARVEST	WHEATI	60.0000	C	V	.00
05/20/90	HARVEST	G	CUSTOM HAULING	WHEAT	60.0000	C	V	.00
05/31/90		K	CASH-RENT	WHEATF	1.0000		F	.00

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CONT. WHEAT, SPRINKLER IRRIGATED, (NATURAL GAS)
Texas Panhandle District (1)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
DEFICIENCY PMT. WHEAT	60.000	bu.	0.8900	53.40	
GRAZING IRRIG.	105.000	days	0.4000	42.00	
WHEAT	60.000	bu.	3.0500	183.00	
Total GROSS Income				278.40	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
FERTILIZER (N)	160.000	lb.	.105	16.80	
FERTILIZER APPL.	1.000	acre	4.200	4.20	
INSECTICIDE	1.000	appl	5.500	5.50	
SEED	1.250	bu.	12.000	15.00	
SET ASIDE	0.052	acre	6.990	0.36	
Fuel & Lube - Machinery		Acre		6.23	
- Irrigation		Acre		53.62	
Repairs - Machinery		Acre		2.91	
- Irrigation		Acre		18.04	
Labor - Machinery	1.589	Hour	5.000	7.95	
- Irrigation	0.791	Hour	5.499	4.35	
Total PREHARVEST				134.96	
HARVEST					
CUSTOM HARVEST	60.000	bu.	.250	15.00	
CUSTOM HAULING	60.000	bu.	.100	6.00	
Total HARVEST				21.00	
Interest - OC Borrowed	78.204	Dol.	0.120	9.38	
Interest - Positive Cash	-1.196	Dol.	0.053	-0.06	
Total VARIABLE COST				165.29	
GROSS INCOME minus VARIABLE COST				113.11	

FIXED COST Description	Unit	Total	Your Estimate
SET ASIDE IRRGRN F	acre	1.75	
Machinery and Equipment	Acre	22.59	
Irrigation	Acre	56.49	
Land	Acre	25.00	
Total FIXED Cost		105.83	
Total of ALL Cost		271.12	
NET PROJECTED RETURNS		7.28	

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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
12/15/89		A	GRAZING	IRRIG.	30.0000	.0000	N	.00	N
01/15/90		A	GRAZING	IRRIG.	30.0000	.0000	N	.00	N
02/15/90		A	GRAZING	IRRIG.	30.0000	.0000	N	.00	N
03/15/90		A	GRAZING	IRRIG.	15.0000	.0000	N	.00	N
05/20/90	HARVEST	A	WHEAT		60.0000	.0000	C	.00	N
05/20/90	HARVEST	A	DEFICIENCY PMT.	WHEAT	60.0000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
07/10/89	PREHARVEST	M	DISCING	OFFSET	1.0000			.00
07/20/89	PREHARVEST	M	DISCING	OFFSET	1.0000			.00
08/05/89	PREHARVEST	M	DISCING	OFFSET	1.0000			.00
08/10/89	PREHARVEST	M	BLADE PLOWING		1.5000			.00
08/10/89	PREHARVEST	M	DISCING	OFFSET	1.0000			.00
08/18/89	PREHARVEST	E	FERTILIZER (N)		160.0000	C	V	.00
08/18/89	PREHARVEST	G	FERTILIZER APPL.		1.0000	C	V	.00
08/20/89	PREHARVEST	M	ROD WEEDING		1.0000			.00
08/20/89	PREHARVEST	E	INSECTICIDE	WHEAT	1.0000	C	V	.00
08/25/89	PREHARVEST	M	DRILLING	2 DRILLS	1.0000			.00
08/25/89	PREHARVEST	E	SEED	WHEAT	1.2500	C	V	.00
09/15/89	PREHARVEST	O	IRRIGATION		3.0000			.00
11/15/89	PREHARVEST	O	IRRIGATION		2.0000			.00
11/30/89	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
12/15/89	PREHARVEST	O	IRRIGATION		2.0000			.00
03/10/90	PREHARVEST	O	IRRIGATION		2.0000			.00
04/10/90	PREHARVEST	O	IRRIGATION		4.0000			.00
05/02/90	PREHARVEST	E	SET ASIDE	IRRGRN V	.0526	C	V	.00
05/02/90	PREHARVEST	E	SET ASIDE	IRRGRN F	.0526	C	F	.00
05/05/90	PREHARVEST	O	IRRIGATION		4.0000			.00
05/20/90	HARVEST	G	CUSTOM HARVEST	WHEATI	60.0000	C	V	.00
05/20/90	HARVEST	G	CUSTOM HAULING	WHEAT	60.0000	C	V	.00
05/31/90		K	CASH-RENT	WHEATI	1.0000		F	.00

ROTATION: WHEAT-FALLOW-WHEAT: CONV TILL WHEAT BUD.
Texas Panhandle District (1)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
DEFICIENCY PMT. WHEAT	20.000	bu.	0.8900	17.80	
GRAZING DRYLAND	60.000	days	0.1498	8.99	
WHEAT	20.000	bu.	3.0500	61.00	
Total GROSS Income				87.79	
VARIABLE COST Description	**Quantity**	**Unit**	**$ / Unit**	**Total**	
PREHARVEST					
SEED	0.500	bu.	12.000	6.00	
FALLOW LAND	1.000	acre	10.380	10.38	
Fuel & Lube - Machinery		Acre		4.42	
Repairs - Machinery		Acre		1.62	
Labor - Machinery	1.280	Hour	5.000	6.40	
Total PREHARVEST				28.82	
HARVEST					
CUSTOM HARVEST	1.000	bu.	10.000	10.00	
CUSTOM HAULING	20.000	bu.	.100	2.00	
Total HARVEST				12.00	
Interest - OC Borrowed	14.804	Dol.	0.120	1.78	
Interest - Positive Cash	-0.314	Dol.	0.053	-0.02	
Total VARIABLE COST				42.58	
GROSS INCOME minus VARIABLE COST				45.21	
FIXED COST Description		**Unit**		**Total**	
FALLOW LAND CON FIXD		acre		26.62	
Machinery and Equipment		Acre		14.86	
Land		Acre		15.00	
Total FIXED Cost				56.48	
Total of ALL Cost				99.06	
NET PROJECTED RETURNS				-11.27	

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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
01/15/90		A	GRAZING	DRYLAND	20.0000	.0000	N	.00	N
02/15/90		A	GRAZING	DRYLAND	20.0000	.0000	N	.00	N
03/15/90		A	GRAZING	DRYLAND	20.0000	.0000	N	.00	N
05/20/90	HARVEST	A	WHEAT		20.0000	.0000	C	.00	N
05/20/90	HARVEST	A	DEFICIENCY PMT.	WHEAT	20.0000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
06/15/89	PREHARVEST	M	FIELD CULTIVATOR		1.0000			.00
08/01/89	PREHARVEST	M	BLADE PLOWING		1.0000			.00
08/15/89	PREHARVEST	M	FIELD CULTIVATOR		1.0000			.00
09/01/89	PREHARVEST	M	ROD WEEDING		1.0000			.00
09/20/89	PREHARVEST	M	DRILLING	2 DRILLS	1.0000			.00
09/20/89	PREHARVEST	E	SEED	WHEAT	.5000	C	V	.00
12/31/89	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
05/02/90	PREHARVEST	E	FALLOW LAND	CON VAR	1.0000	C	V	.00
05/02/90	PREHARVEST	E	FALLOW LAND	CON FIXD	1.0000	C	F	.00
05/20/90	HARVEST	G	CUSTOM HARVEST	WHEATD	1.0000	C	V	.00
05/20/90	HARVEST	G	CUSTOM HAULING	WHEAT	20.0000	C	V	.00
05/31/90		K	CASH-RENT	WHEATDS	1.0000		F	.00

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

ROTATION: WHEAT-FALLOW-WHEAT: CONV TILL FALLOW BUD
Texas Panhandle District (1)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
-WARNING- No gross receipts					

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
Fuel & Lube - Machinery		Acre		4.57	
Repairs - Machinery		Acre		1.58	
Labor - Machinery	0.654	Hour	5.000	3.27	
Interest - OC Borrowed	7.981	Dol.	0.120	0.96	
Total VARIABLE COST				10.38	
GROSS INCOME minus VARIABLE COST				-10.38	

FIXED COST Description	Unit	Total	Your Estimate
Machinery and Equipment	Acre	11.62	
Land	Acre	15.00	
Total FIXED Cost		26.62	
Total of ALL Cost		36.99	
NET PROJECTED RETURNS		-36.99	

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.