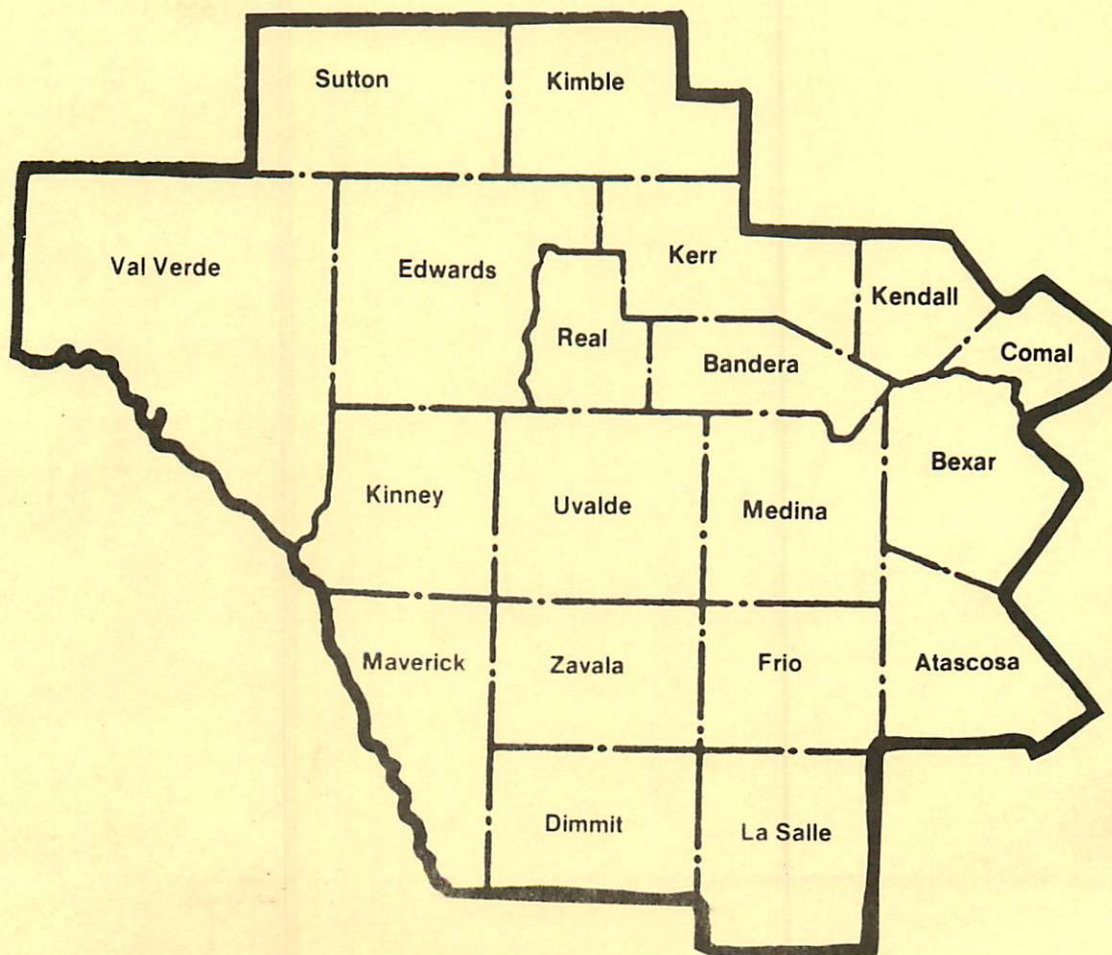
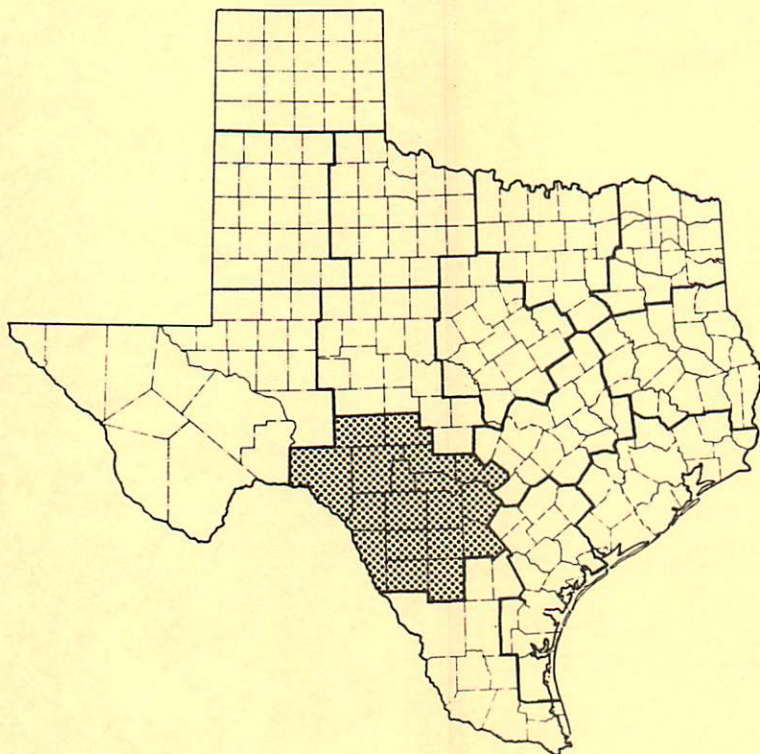


SOUTHWEST TEXAS

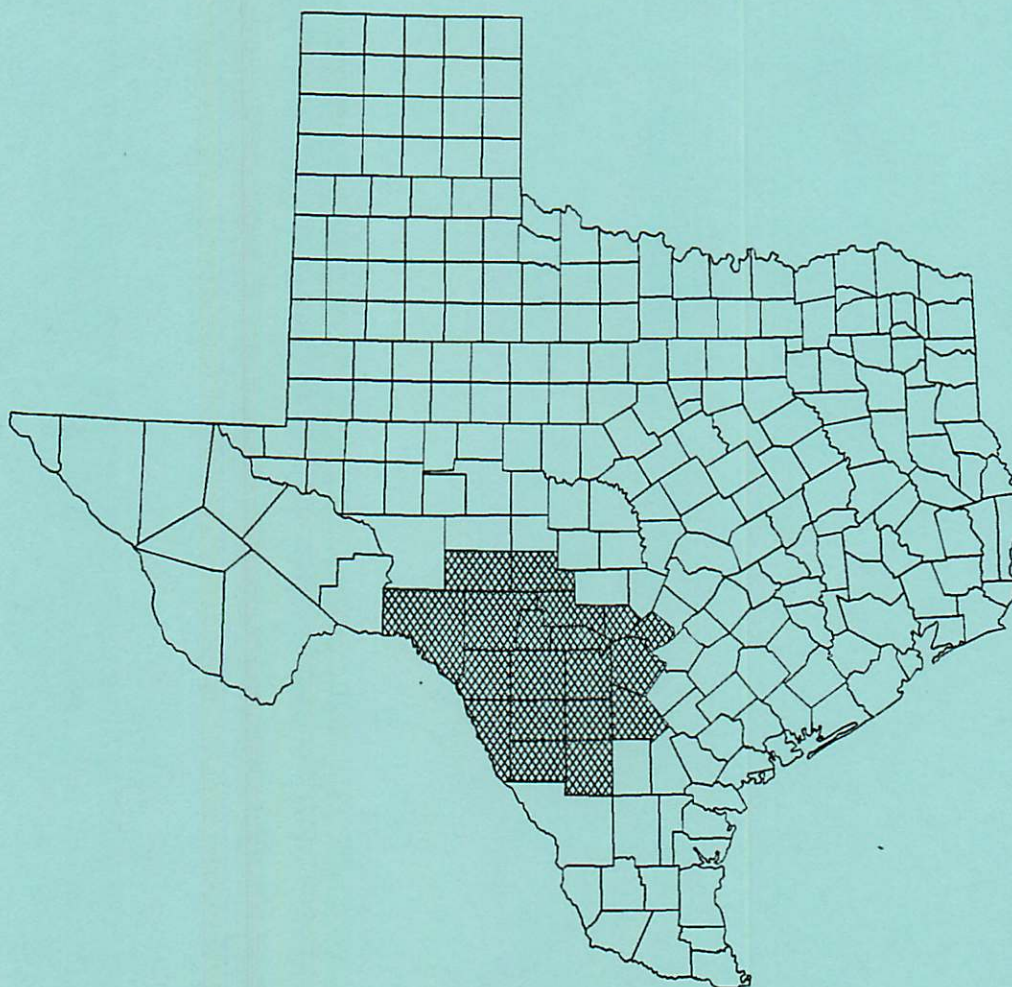
DISTRICT 13



TEXAS CROP ENTERPRISE BUDGETS

SOUTHWEST TEXAS DISTRICT

Projected for 1990



Educational programs conducted by the Texas Agricultural Extension Service serve people of all ages regardless of socio-economic level, race, color, sex, religion or national origin.

Cooperative Extension Work in Agriculture and Home Economics, The Texas A&M University System and the United States Department of Agriculture cooperating. Distributed in furtherance of the Acts of Congress of May 8, 1914, as amended, and June 30, 1914.

150 - 12-89, New

TEXAS CROP ENTERPRISE BUDGETS

SOUTHWEST TEXAS DISTRICT

Projected for 1980



COASTAL BERMUDA PASTURE ESTABLISHMENT, DRYLAND
Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description =====	Quantity =====	Unit =====	\$ / Unit =====	Total =====	Your Estimate =====
GRAZING* BERMUDA	100.000	days	0.3000	30.00	_____
Total GROSS Income				30.00	_____
VARIABLE COST Description =====	Quantity =====	Unit =====	\$ / Unit =====	Total =====	
NITROGEN (DRY)	50.000	lb.	.250	12.50	_____
PHOSPHATE	30.000	lb.	.250	7.50	_____
SPRIG & SPRIGGING	1.000	acre	25.000	25.00	_____
HERBICIDE	1.000	acre	2.400	2.40	_____
Fuel & Lube - Machinery		Acre		8.10	_____
Repairs - Machinery		Acre		1.97	_____
Labor - Machinery	1.517	Hour	4.560	6.92	_____
Interest - OC Borrowed	38.674	Dol.	0.110	4.25	_____
Total VARIABLE COST				68.64	_____
Break-Even Price, Total Variable Cost \$ 0.68 per days of GRAZING*					
GROSS INCOME minus VARIABLE COST				-38.64	_____
FIXED COST Description =====		Unit =====		Total =====	
MISC ADMIN O/H		acre		4.80	_____
Machinery and Equipment		Acre		25.36	_____
Land		Acre		10.00	_____
Total FIXED Cost				40.16	_____
Break-Even Price, Total Cost \$ 1.08 per days of GRAZING*					
Total of ALL Cost				108.80	_____
NET PROJECTED RETURNS				-78.80	_____

Grazing is based on the number of Animal Unit Days.

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

B-1241(C13)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
05/01/90		A	GRAZING*	BERMUDA	10.0000	.0000	C	.00 Y
06/01/90		A	GRAZING*	BERMUDA	15.0000	.0000	C	.00 Y
07/01/90		A	GRAZING*	BERMUDA	20.0000	.0000	C	.00 Y
08/01/90		A	GRAZING*	BERMUDA	15.0000	.0000	C	.00 Y
09/01/90		A	GRAZING*	BERMUDA	20.0000	.0000	C	.00 Y
10/01/90		A	GRAZING*	BERMUDA	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
02/10/90		M	PLOWING	MLDBOARD	1.0000		.00
02/20/90		M	DISC OFFSET	12 FT	1.0000		.00
03/10/90		E	NITROGEN (DRY)		50.0000	C V	.00
03/10/90		E	PHOSPHATE		30.0000	C V	.00
03/10/90		M	APPLY.FERTILIZER		1.0000		.00
03/20/90		G	SPRIG & SPRIGGING		1.0000	C V	.00
04/15/90		E	HERBICIDE	HAY	1.0000	C V	.00
04/15/90		M	SPRAYING	12 FT	1.0000		.00
04/30/90		M	PICKUP TRUCK	3/4 TON	5.0000		.00
06/30/90		E	MISC ADMIN O/H		.3000	F	.00
10/31/90		K	LAND - CASH RENT PASTURE		1.0000	F	.00

COASTAL BERMUDA PASTURE, DRYLAND
Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
=====	=====	=====	=====	=====	=====
GRAZING* BERMUDA	200.000	days	0.3000	60.00	_____
Total GROSS Income				60.00	_____
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
=====	=====	=====	=====	=====	
NITROGEN (DRY)	30.000	lb.	.250	7.50	_____
PHOSPHATE	30.000	lb.	.250	7.50	_____
HERBICIDE	1.000	acre	2.400	2.40	_____
NITROGEN (DRY)	30.000	lb.	.250	7.50	_____
NITROGEN (DRY)	30.000	lb.	.250	7.50	_____
Fuel & Lube - Machinery		Acre		4.05	_____
Repairs - Machinery		Acre		0.95	_____
Labor - Machinery	1.175	Hour	4.561	5.36	_____
Interest - OC Borrowed	7.074	Dol.	0.110	0.78	_____
Total VARIABLE COST				43.54	_____
Break-Even Price, Total Variable Cost \$ 0.21 per days of GRAZING*					
GROSS INCOME minus VARIABLE COST				16.46	_____
FIXED COST Description		Unit		Total	
=====		=====		=====	
MISC ADMIN O/H		acre		4.80	_____
Machinery and Equipment		Acre		14.16	_____
Land		Acre		10.00	_____
Perennial Crop		Acre		10.15	_____
Total FIXED Cost				39.12	_____
Break-Even Price, Total Cost \$ 0.41 per days of GRAZING*					
Total of ALL Cost				82.66	_____
NET PROJECTED RETURNS				-22.66	_____

Establishment cost for perennial crop is amortized over a ten year period.
Grazing is based on the number of Animal Unit Days.

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

B-1241(C13)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
03/01/90		A	GRAZING*	BERMUDA	10.0000	.0000	C	.00 Y
04/01/90		A	GRAZING*	BERMUDA	20.0000	.0000	C	.00 Y
05/01/90		A	GRAZING*	BERMUDA	30.0000	.0000	C	.00 Y
06/01/90		A	GRAZING*	BERMUDA	25.0000	.0000	C	.00 Y
07/01/90		A	GRAZING*	BERMUDA	20.0000	.0000	C	.00 Y
08/01/90		A	GRAZING*	BERMUDA	20.0000	.0000	C	.00 Y
09/01/90		A	GRAZING*	BERMUDA	30.0000	.0000	C	.00 Y
10/01/90		A	GRAZING*	BERMUDA	25.0000	.0000	C	.00 Y
11/01/90		A	GRAZING*	BERMUDA	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
02/10/90		E	NITROGEN (DRY)	30.0000	C	V	.00
02/10/90		E	PHOSPHATE	30.0000	C	V	.00
02/10/90		M	APPLY.FERTILIZER	1.0000			.00
02/15/90		E	HERBICIDE HAY	1.0000	C	V	.00
02/15/90		M	SPRAYING 12 FT	1.0000			.00
02/20/90		M	CHISELING	.2500			.00
05/31/90		M	PICKUP TRUCK 3/4 TON	5.0000			.00
06/15/90		E	NITROGEN (DRY)	30.0000	C	V	.00
06/15/90		M	APPLY.FERTILIZER	1.0000			.00
06/30/90		E	MISC ADMIN O/H	.3000		F	.00
08/15/90		E	NITROGEN (DRY)	30.0000	C	V	.00
08/15/90		M	APPLY.FERTILIZER	1.0000			.00
11/30/90		K	LAND - CASH RENT PASTURE	1.0000	C	F	.00
11/30/90		L	BERMUDA PASTURE DRYLAND	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.

COASTAL BERMUDA PASTURE, ESTABLISHMENT, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description =====	Quantity =====	Unit =====	\$ / Unit =====	Total =====	Your Estimate =====
GRAZING* BERMUDA	240.000	days	0.3000	72.00	_____
Total GROSS Income				72.00	_____
VARIABLE COST Description =====	Quantity =====	Unit =====	\$ / Unit =====	Total =====	
HERBICIDE	1.000	acre	2.400	2.40	_____
NITROGEN (DRY)	60.000	lb.	.250	15.00	_____
PHOSPHATE	60.000	lb.	.250	15.00	_____
SPRIG & SPRIGGING	1.000	acre	25.000	25.00	_____
NITROGEN (DRY)	60.000	lb.	.250	15.00	_____
NITROGEN (DRY)	60.000	lb.	.250	15.00	_____
Fuel & Lube - Machinery		Acre		9.72	_____
- Irrigation		Acre		44.49	_____
Repairs - Machinery		Acre		2.36	_____
- Irrigation		Acre		9.63	_____
Labor - Machinery	1.923	Hour	4.560	8.77	_____
- Irrigation	1.600	Hour	4.559	7.30	_____
Interest - OC Borrowed	74.456	Dol.	0.110	8.19	_____
Total VARIABLE COST				177.86	_____
Break-Even Price, Total Variable Cost \$ 0.74 per days of GRAZING*					
GROSS INCOME minus VARIABLE COST				-105.86	_____
FIXED COST Description =====	Unit =====			Total =====	
MISC ADMIN O/H	acre			8.00	_____
Machinery and Equipment	Acre			30.61	_____
Irrigation	Acre			51.63	_____
Land	Acre			25.00	_____
Total FIXED Cost				115.25	_____
Break-Even Price, Total Cost \$ 1.22 per days of GRAZING*					
Total of ALL Cost				293.11	_____
NET PROJECTED RETURNS				-221.11	_____

Grazing is based on the number of Animal Unit Days.

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

B-1241(C13)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
06/01/90		A	GRAZING* BERMUDA	60.0000	.0000	C	.00	Y
07/01/90		A	GRAZING* BERMUDA	60.0000	.0000	C	.00	Y
08/01/90		A	GRAZING* BERMUDA	60.0000	.0000	C	.00	Y
09/01/90		A	GRAZING* BERMUDA	60.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
02/10/90		M	PLOWING MLD BOARD	1.0000			.00
02/15/90		M	DISC OFFSET 12 FT	1.0000			.00
02/20/90		E	HERBICIDE HAY	1.0000	C	V	.00
02/20/90		M	SPRAYING 12 FT	1.0000			.00
02/25/90		E	NITROGEN (DRY)	60.0000	C	V	.00
02/25/90		E	PHOSPHATE	60.0000	C	V	.00
02/25/90		M	APPLY.FERTILIZER	1.0000			.00
02/28/90		O	IRRIGATION	4.0000			.00
03/10/90		G	SPRIG & SPRIGGING	1.0000	C	V	.00
03/31/90		M	PICKUP TRUCK 3/4 TON	5.0000			.00
04/20/90		O	IRRIGATION	4.0000			.00
06/15/90		M	APPLY.FERTILIZER	1.0000			.00
06/15/90		E	NITROGEN (DRY)	60.0000	C	V	.00
06/20/90		O	IRRIGATION	4.0000			.00
06/30/90		E	MISC ADMIN O/H	.5000		F	.00
08/15/90		M	APPLY.FERTILIZER	1.0000			.00
08/15/90		E	NITROGEN (DRY)	60.0000	C	V	.00
08/20/90		O	IRRIGATION	4.0000			.00
09/30/90		K	LAND - CASH RENT PASTUREI	1.0000	C	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.

COASTAL BERMUDA PASTURE, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description =====	Quantity =====	Unit =====	\$ / Unit =====	Total =====	Your Estimate =====
GRAZING* BERMUDA	600.000	days	0.3000	180.00	
Total GROSS Income				180.00	
VARIABLE COST Description =====	Quantity =====	Unit =====	\$ / Unit =====	Total =====	
NITROGEN (DRY)	60.000	lb.	.250	15.00	
PHOSPHATE	60.000	lb.	.250	15.00	
HERBICIDE	1.000	acre	2.400	2.40	
NITROGEN (DRY)	60.000	lb.	.250	15.00	
NITROGEN (DRY)	60.000	lb.	.250	15.00	
NITROGEN (DRY)	60.000	lb.	.250	15.00	
NITROGEN (DRY)	60.000	lb.	.250	15.00	
Fuel & Lube - Machinery		Acre		6.32	
- Irrigation		Acre		55.62	
Repairs - Machinery		Acre		1.48	
- Irrigation		Acre		12.04	
Labor - Machinery	1.794	Hour	4.561	8.18	
- Irrigation	2.000	Hour	4.559	9.12	
Interest - OC Borrowed	43.886	Dol.	0.110	4.83	
Total VARIABLE COST				189.98	
Break-Even Price, Total Variable Cost \$ 0.31 per days of GRAZING*					
GROSS INCOME minus VARIABLE COST				-9.98	
FIXED COST Description =====	Unit =====	Total =====			
MISC ADMIN O/H	acre	8.00			
Machinery and Equipment	Acre	21.61			
Irrigation	Acre	64.54			
Land	Acre	25.00			
Perennial Crop	Acre	21.16			
Total FIXED Cost		140.32			
Break-Even Price, Total Cost \$ 0.55 per days of GRAZING*					
Total of ALL Cost				330.30	
NET PROJECTED RETURNS				-150.30	

Establishment cost for perennial crop is amortized over a fifteen year period.
Grazing is based on the number of Animal Unit Days.

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

B-1241(C13)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
04/01/90		A	GRAZING* BERMUDA	50.0000	.0000	C	.00	Y
05/01/90		A	GRAZING* BERMUDA	100.0000	.0000	C	.00	Y
06/01/90		A	GRAZING* BERMUDA	100.0000	.0000	C	.00	Y
07/01/90		A	GRAZING* BERMUDA	100.0000	.0000	C	.00	Y
08/01/90		A	GRAZING* BERMUDA	100.0000	.0000	C	.00	Y
09/01/90		A	GRAZING* BERMUDA	100.0000	.0000	C	.00	Y
10/01/90		A	GRAZING* BERMUDA	50.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
02/10/90		E	NITROGEN (DRY)	60.0000	C	V	.00
02/10/90		M	APPLY.FERTILIZER	1.0000			.00
02/10/90		E	PHOSPHATE	60.0000	C	V	.00
02/15/90		O	IRRIGATION	4.0000			.00
02/20/90		E	HERBICIDE HAY	1.0000	C	V	.00
02/20/90		M	SPRAYING 12 FT	1.0000			.00
02/28/90		M	SHREDDING	1.0000			.00
04/20/90		O	IRRIGATION	4.0000			.00
04/30/90		M	PICKUP TRUCK 3/4 TON	5.0000			.00
05/15/90		E	NITROGEN (DRY)	60.0000	C	V	.00
05/15/90		M	APPLY.FERTILIZER	1.0000			.00
06/15/90		E	NITROGEN (DRY)	60.0000	C	V	.00
06/15/90		M	APPLY.FERTILIZER	1.0000			.00
06/20/90		O	IRRIGATION	4.0000			.00
06/30/90		E	MISC ADMIN O/H	.5000		F	.00
07/15/90		E	NITROGEN (DRY)	60.0000	C	V	.00
07/15/90		M	APPLY.FERTILIZER	1.0000			.00
07/20/90		O	IRRIGATION	4.0000			.00
08/15/90		E	NITROGEN (DRY)	60.0000	C	V	.00
08/15/90		M	APPLY.FERTILIZER	1.0000			.00
08/20/90		O	IRRIGATION	4.0000			.00
10/31/90		K	LAND - CASH RENT PASTUREI	1.0000	C	F	.00
10/31/90		L	BERMUDA PASTURE IRRIG.	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.

COASTAL BERMUDA HAY, ESTABLISHMENT, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
=====	=====	=====	=====	=====	=====
HAY BERMUDA	4.000	ton	65.0000	260.00	
Total GROSS Income				260.00	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
=====	=====	=====	=====	=====	
ESTABLISHMENT					
NITROGEN (DRY)	60.000	lb.	.250	15.00	
PHOSPHATE	60.000	lb.	.250	15.00	
SPRIG & SPRIGGING	1.000	acre	25.000	25.00	
HERBICIDE	1.000	acre	2.400	2.40	
Fuel & Lube - Machinery		Acre		8.10	
- Irrigation		Acre		22.25	
Repairs - Machinery		Acre		1.97	
- Irrigation		Acre		4.82	
Labor - Machinery	1.517	Hour	4.560	6.92	
- Irrigation	0.800	Hour	4.559	3.65	
Total ESTABLISHMENT				105.10	
FIRST CUTTING					
MOW, RAKE & BALE	33.000	bale	.900	29.70	
CUSTOM HAULING	33.000	bale	.150	4.95	
Total FIRST CUTTING				34.65	
SECOND CUTTING					
NITROGEN (DRY)	60.000	lb.	.250	15.00	
CUSTOM HAULING	33.000	bale	.150	4.95	
MOW, RAKE & BALE	33.000	bale	.900	29.70	
Fuel & Lube - Machinery		Acre		0.81	
- Irrigation		Acre		11.12	
Repairs - Machinery		Acre		0.19	
- Irrigation		Acre		2.41	
Labor - Machinery	0.203	Hour	4.561	0.93	
- Irrigation	0.400	Hour	4.559	1.82	
Total SECOND CUTTING				66.94	
THIRD CUTTING					
CUSTOM HAULING	33.000	bale	.150	4.95	
MOW, RAKE & BALE	33.000	bale	.900	29.70	
Total THIRD CUTTING				34.65	
FOURTH CUTTING					
NITROGEN (DRY)	60.000	lb.	.250	15.00	
CUSTOM HAULING	33.000	bale	.150	4.95	
MOW, RAKE & BALE	33.000	bale	.900	29.70	
Fuel & Lube - Machinery		Acre		0.81	
- Irrigation		Acre		11.12	
Repairs - Machinery		Acre		0.19	
- Irrigation		Acre		2.41	
Labor - Machinery	0.203	Hour	4.561	0.93	
- Irrigation	0.400	Hour	4.559	1.82	
Total FOURTH CUTTING				66.94	
Interest - OC Borrowed	68.018	Dol.	0.110	7.48	
Total VARIABLE COST				315.75	
Break-Even Price, Total Variable Cost	\$ 78.93 per ton of HAY				
GROSS INCOME minus VARIABLE COST				-55.75	
FIXED COST Description	Unit		Total		
=====	=====		=====		
MISC ADMIN O/H	acre		8.00		
Machinery and Equipment	Acre		30.61		
Irrigation	Acre		51.63		
Land	Acre		40.00		
Total FIXED Cost			130.25		
Break-Even Price, Total Cost	\$ 111.49 per ton of HAY				
Total of ALL Cost				446.00	
NET PROJECTED RETURNS				-186.00	

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

B-1241(C13)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	HEIGHT PER HEAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
06/10/90	FIRST CUTTING	A	HAY BERMUDA	1.0000	.0000	C	.00	Y
07/15/90	SECOND CUTTING	A	HAY BERMUDA	1.0000	.0000	C	.00	Y
08/20/90	SECOND CUTTING	A	HAY BERMUDA	1.0000	.0000	C	.00	Y
09/25/90	SECOND CUTTING	A	HAY BERMUDA	1.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
02/10/90	ESTABLISHMENT	M	PLOWING MLDBOARD	1.0000			.00
02/15/90	ESTABLISHMENT	E	NITROGEN (DRY)	60.0000	C	V	.00
02/20/90	ESTABLISHMENT	M	DISC OFFSET 12 FT	1.0000			.00
02/25/90	ESTABLISHMENT	E	PHOSPHATE	60.0000	C	V	.00
02/25/90	ESTABLISHMENT	M	APPLY.FERTILIZER	1.0000			.00
02/28/90	ESTABLISHMENT	O	IRRIGATION	4.0000			.00
03/10/90	ESTABLISHMENT	G	SPRIG & SPRIGGING	1.0000	C	V	.00
04/15/90	ESTABLISHMENT	E	HERBICIDE HAY	1.0000	C	V	.00
04/15/90	ESTABLISHMENT	M	SPRAYING 12 FT	1.0000			.00
04/20/90	ESTABLISHMENT	O	IRRIGATION	4.0000			.00
05/31/90	ESTABLISHMENT	M	PICKUP TRUCK 3/4 TON	5.0000			.00
06/10/90	FIRST CUTTING	G	MOW, RAKE & BALE	33.0000	C	V	.00
06/10/90	FIRST CUTTING	G	CUSTOM HAULING HAY	33.0000	C	V	.00
06/15/90	SECOND CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
06/15/90	SECOND CUTTING	M	APPLY.FERTILIZER	1.0000	C	V	.00
06/20/90	SECOND CUTTING	O	IRRIGATION	4.0000			.00
06/30/90		E	MISC ADMIN O/H	.5000		F	.00
07/15/90	SECOND CUTTING	G	CUSTOM HAULING HAY	33.0000	C	V	.00
07/15/90	SECOND CUTTING	G	MOW, RAKE & BALE	33.0000	C	V	.00
08/20/90	THIRD CUTTING	G	CUSTOM HAULING HAY	33.0000	C	V	.00
08/20/90	THIRD CUTTING	G	MOW, RAKE & BALE	33.0000	C	V	.00
08/25/90	FOURTH CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
08/25/90	FOURTH CUTTING	M	APPLY.FERTILIZER	1.0000			.00
08/30/90	FOURTH CUTTING	O	IRRIGATION	4.0000			.00
09/25/90	FOURTH CUTTING	G	CUSTOM HAULING HAY	33.0000	C	V	.00
09/25/90	FOURTH CUTTING	G	MOW, RAKE & BALE	33.0000	C	V	.00
09/30/90		K	LAND - CASH RENT HAYI	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.

COASTAL BERMUDA HAY, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

<u>GROSS INCOME</u> Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
HAY BERMUDA	10.000	ton	65.0000	650.00	
Total GROSS Income				650.00	
<u>VARIABLE COST</u> Description	Quantity	Unit	\$ / Unit	Total	
FIRST CUTTING					
NITROGEN (DRY)	60.000	lb.	.250	15.00	
PHOSPHATE	60.000	lb.	.250	15.00	
MOW, RAKE & BALE	66.660	bale	.900	59.99	
CUSTOM HAULING	66.660	bale	.150	9.99	
Fuel & Lube - Machinery		Acre		0.87	
- Irrigation		Acre		22.25	
Repairs - Machinery		Acre		0.21	
- Irrigation		Acre		4.82	
Labor - Machinery	0.236	Hour	4.561	1.08	
- Irrigation	0.800	Hour	4.559	3.65	
Total FIRST CUTTING				132.86	
SECOND CUTTING					
NITROGEN (DRY)	60.000	lb.	.250	15.00	
MOW, RAKE & BALE	66.660	bale	.900	59.99	
CUSTOM HAULING	66.660	bale	.150	9.99	
Fuel & Lube - Machinery		Acre		1.12	
Repairs - Machinery		Acre		0.27	
Labor - Machinery	0.370	Hour	4.561	1.69	
Total SECOND CUTTING				88.07	
THIRD CUTTING					
NITROGEN (DRY)	60.000	lb.	.250	15.00	
CUSTOM HAULING	66.660	bale	.150	9.99	
MOW, RAKE & BALE	66.660	bale	.900	59.99	
Fuel & Lube - Machinery		Acre		0.87	
- Irrigation		Acre		11.12	
Repairs - Machinery		Acre		0.21	
- Irrigation		Acre		2.41	
Labor - Machinery	0.236	Hour	4.561	1.08	
- Irrigation	0.400	Hour	4.559	1.82	
Total THIRD CUTTING				102.51	
FOURTH CUTTING					
NITROGEN (DRY)	60.000	lb.	.250	15.00	
MOW, RAKE & BALE	66.660	bale	.900	59.99	
CUSTOM HAULING	66.660	bale	.150	9.99	
Fuel & Lube - Machinery		Acre		0.87	
- Irrigation		Acre		11.12	
Repairs - Machinery		Acre		0.21	
- Irrigation		Acre		2.41	
Labor - Machinery	0.236	Hour	4.561	1.08	
- Irrigation	0.400	Hour	4.559	1.82	
Total FOURTH CUTTING				102.51	
FIFTH CUTTING					
NITROGEN (DRY)	60.000	lb.	.250	15.00	
MOW, RAKE & BALE	66.660	bale	.900	59.99	
CUSTOM HAULING	66.660	bale	.150	9.99	
Fuel & Lube - Machinery		Acre		0.87	
- Irrigation		Acre		11.12	
Repairs - Machinery		Acre		0.21	
- Irrigation		Acre		2.41	
Labor - Machinery	0.236	Hour	4.561	1.08	
- Irrigation	0.400	Hour	4.559	1.82	
Total FIFTH CUTTING				102.51	
Interest - DC Borrowed	16.861	Dol.	0.110	1.85	
Total VARIABLE COST				530.32	
Break-Even Price, Total Variable Cost	\$ 53.03 per ton of HAY				
GROSS INCOME minus VARIABLE COST				119.68	
<u>FIXED COST</u> Description	Unit	Total			
MISC ADMIN O/H	acre	8.00			
Machinery and Equipment	Acre	15.04			
Irrigation	Acre	64.54			
Land	Acre	40.00			
Perennial Crop	Acre	17.80			
Total FIXED Cost		145.38			
Break-Even Price, Total Cost	\$ 67.57 per ton of HAY				
Total of ALL Cost				675.70	
NET PROJECTED RETURNS				-25.70	

Establishment cost for perennial crop is amortized over a fifteen year period.

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

B-1241(C13)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	HEIGHT PER HEAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
05/05/90	FIRST CUTTING	A	HAY BERMUDA	2.0000	.0000	C	.00	Y
06/10/90	SECOND CUTTING	A	HAY BERMUDA	2.0000	.0000	C	.00	Y
07/15/90	THIRD CUTTING	A	HAY BERMUDA	2.0000	.0000	C	.00	Y
08/20/90	FOURTH CUTTING	A	HAY BERMUDA	2.0000	.0000	C	.00	Y
09/25/90	FIFTH CUTTING	A	HAY BERMUDA	2.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
02/15/90	FIRST CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
02/15/90	FIRST CUTTING	E	PHOSPHATE	60.0000	C	V	.00
02/15/90	FIRST CUTTING	M	APPLY.FERTILIZER	1.0000			.00
03/15/90	FIRST CUTTING	O	IRRIGATION	4.0000			.00
04/15/90	FIRST CUTTING	O	IRRIGATION	4.0000			.00
04/30/90	FIRST CUTTING	M	PICKUP TRUCK 3/4 TON	1.0000			.00
05/05/90	FIRST CUTTING	G	MOW, RAKE & BALE	66.6600			.00
05/05/90	FIRST CUTTING	G	CUSTOM HAULING HAY	66.6600			.00
05/10/90	SECOND CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
05/10/90	SECOND CUTTING	M	APPLY.FERTILIZER	1.0000			.00
05/31/90	SECOND CUTTING	M	PICKUP TRUCK 3/4 TON	5.0000			.00
06/10/90	THIRD CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
06/10/90	SECOND CUTTING	G	MOW, RAKE & BALE	66.6600	C	V	.00
06/10/90	SECOND CUTTING	G	CUSTOM HAULING HAY	66.6600	C	V	.00
06/15/90	THIRD CUTTING	M	APPLY.FERTILIZER	1.0000			.00
06/20/90	THIRD CUTTING	O	IRRIGATION	4.0000			.00
06/30/90	THIRD CUTTING	M	PICKUP TRUCK 3/4 TON	1.0000			.00
06/30/90		E	MISC ADMIN O/H	.5000		F	.00
07/15/90	THIRD CUTTING	G	CUSTOM HAULING HAY	66.6600	C	V	.00
07/15/90	THIRD CUTTING	G	MOW, RAKE & BALE	66.6600	C	V	.00
07/20/90	FOURTH CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
07/20/90	FOURTH CUTTING	M	APPLY.FERTILIZER	1.0000			.00
07/25/90	FOURTH CUTTING	O	IRRIGATION	4.0000			.00
07/31/90	FOURTH CUTTING	M	PICKUP TRUCK 3/4 TON	1.0000			.00
08/20/90	FOURTH CUTTING	G	MOW, RAKE & BALE	66.6600	C	V	.00
08/20/90	FOURTH CUTTING	G	CUSTOM HAULING HAY	66.6600	C	V	.00
08/25/90	FIFTH CUTTING	M	APPLY.FERTILIZER	1.0000			.00
08/25/90	FIFTH CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
08/30/90	FIFTH CUTTING	O	IRRIGATION	4.0000			.00
08/31/90	FIFTH CUTTING	M	PICKUP TRUCK 3/4 TON	1.0000			.00
09/25/90	FIFTH CUTTING	G	MOW, RAKE & BALE	66.6600	C	V	.00
09/25/90	FIFTH CUTTING	G	CUSTOM HAULING HAY	66.6600	C	V	.00
09/30/90	FIFTH CUTTING	L	BERMUDA HAY IRRIG.	1.0000		F	.00
09/30/90	FIFTH CUTTING	K	LAND - CASH RENT HAYI	1.0000	C	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.

FORAGE SORGHUM FOR GRAZING, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
=====	=====	=====	=====	=====	=====
PASTURE* SORGHUM	600.000	days	0.3000	180.00	_____
Total GROSS Income				180.00	_____
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
=====	=====	=====	=====	=====	
PHOSPHATE	60.000	lb.	.250	15.00	_____
NITROGEN (ANHY)	60.000	lb.	.123	7.38	_____
SEED	40.000	lb.	.320	12.80	_____
NITROGEN (ANHY)	60.000	lb.	.123	7.38	_____
NITROGEN (ANHY)	60.000	lb.	.123	7.38	_____
Fuel & Lube - Machinery		Acre		10.96	_____
- Irrigation		Acre		44.49	_____
Repairs - Machinery		Acre		2.38	_____
- Irrigation		Acre		9.63	_____
Labor - Machinery	2.415	Hour	4.561	11.01	_____
- Irrigation	1.600	Hour	4.559	7.30	_____
Interest - OC Borrowed	29.461	Dol.	0.110	3.24	_____
Total VARIABLE COST				138.96	_____
Break-Even Price, Total Variable Cost \$ 0.23 per days of PASTURE*					
GROSS INCOME minus VARIABLE COST				41.04	_____
FIXED COST Description		Unit		Total	
=====		=====		=====	
MISC ADMIN O/H		acre		8.00	_____
Machinery and Equipment		Acre		31.86	_____
Irrigation		Acre		51.63	_____
Land		Acre		40.00	_____
Total FIXED Cost				131.49	_____
Break-Even Price, Total Cost \$ 0.45 per days of PASTURE*					
Total of ALL Cost				270.46	_____
NET PROJECTED RETURNS				-90.46	_____

Grazing is based on the number of Animal Unit Days.

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

B-1241(C13)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
04/01/90		A	PASTURE* SORGHUM	50.0000	.0000	C	.00	Y
05/01/90		A	PASTURE* SORGHUM	100.0000	.0000	C	.00	Y
06/01/90		A	PASTURE* SORGHUM	100.0000	.0000	C	.00	Y
07/01/90		A	PASTURE* SORGHUM	100.0000	.0000	C	.00	Y
08/01/90		A	PASTURE* SORGHUM	100.0000	.0000	C	.00	Y
09/01/90		A	PASTURE* SORGHUM	100.0000	.0000	C	.00	Y
10/01/90		A	PASTURE* SORGHUM	50.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
11/05/89		M	SHREDDING	1.0000			.00
11/10/89		M	CHISELING	1.0000			.00
11/15/89		M	DISC OFFSET 12 FT	1.0000			.00
11/20/89		M	PLANING LAND	.2000			.00
11/25/89		M	DISC OFFSET 12 FT	.2000			.00
02/05/90		E	PHOSPHATE	60.0000	C	V	.00
02/05/90		M	APPLY.FERTILIZER	1.0000			.00
02/10/90		E	NITROGEN (ANHY)	60.0000	C	V	.00
02/10/90		M	ANHYDROUS APPL.	1.0000			.00
02/11/90		E	SEED SORGFORG	40.0000	C	V	.00
02/11/90		M	DRILLING	1.0000			.00
03/15/90		O	IRRIGATION	4.0000			.00
04/30/90		M	PICKUP TRUCK 3/4 TON	21.0000			.00
05/15/90		E	NITROGEN (ANHY)	60.0000	C	V	.00
05/15/90		M	ANHYDROUS APPL.	1.0000			.00
06/15/90		O	IRRIGATION	4.0000			.00
06/30/90		E	MISC ADMIN O/H	.5000		F	.00
07/15/90		E	NITROGEN (ANHY)	60.0000	C	V	.00
07/15/90		M	ANHYDROUS APPL.	1.0000			.00
07/20/90		O	IRRIGATION	4.0000			.00
08/25/90		O	IRRIGATION	4.0000			.00
10/31/90		K	LAND - CASH RENT SORGHUMI	1.0000	C	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.

OATS FOR GRAZING, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
=====	=====	=====	=====	=====	=====
GRAZING* OATS	400.000	days	0.3000	120.00	_____
Total GROSS Income				120.00	_____
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
=====	=====	=====	=====	=====	
PHOSPHATE	60.000	lb.	.250	15.00	_____
NITROGEN (ANHY)	60.000	lb.	.123	7.38	_____
SEED	64.000	lb.	.150	9.60	_____
NITROGEN (ANHY)	60.000	lb.	.123	7.38	_____
Fuel & Lube - Machinery		Acre		8.91	_____
- Irrigation		Acre		33.37	_____
Repairs - Machinery		Acre		2.04	_____
- Irrigation		Acre		7.22	_____
Labor - Machinery	2.001	Hour	4.560	9.12	_____
- Irrigation	1.200	Hour	4.559	5.47	_____
Interest - OC Borrowed	20.667	Dol.	0.110	2.27	_____
Total VARIABLE COST				107.78	_____
Break-Even Price, Total Variable Cost \$ 0.26 per days of GRAZING*					
GROSS INCOME minus VARIABLE COST				12.22	_____
FIXED COST Description	Unit	Total			
=====	=====	=====			
MISC ADMIN O/H	acre	8.00			_____
Machinery and Equipment	Acre	26.53			_____
Irrigation	Acre	38.73			_____
Land	Acre	25.00			_____
Total FIXED Cost		98.26			_____
Break-Even Price, Total Cost \$ 0.51 per days of GRAZING*					
Total of ALL Cost				206.04	_____
NET PROJECTED RETURNS				-86.04	_____

Grazing is based on the number of Animal Unit Days.

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

B-1241(C13)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
11/01/89		A	GRAZING* OATS	80.0000	.0000	C	.00	Y
12/01/89		A	GRAZING* OATS	80.0000	.0000	C	.00	Y
01/01/90		A	GRAZING* OATS	80.0000	.0000	C	.00	Y
02/01/90		A	GRAZING* OATS	80.0000	.0000	C	.00	Y
03/01/90		A	GRAZING* OATS	80.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
07/15/89		M	CHISELING	1.0000			.00
08/10/89		M	DISC OFFSET 12 FT	1.0000			.00
08/15/89		M	PLANING LAND	.2000			.00
08/20/89		M	DISC OFFSET 12 FT	.2000			.00
09/20/89		E	PHOSPHATE	60.0000	C	V	.00
09/20/89		M	APPLY.FERTILIZER	1.0000			.00
09/25/89		E	NITROGEN (ANHY)	60.0000	C	V	.00
09/25/89		M	ANHYDROUS APPL.	1.0000			.00
10/05/89		E	SEED OATS	64.0000	C	V	.00
10/05/89		M	DRILLING	1.0000			.00
10/20/89		O	IRRIGATION	4.0000			.00
10/31/89		M	PICKUP TRUCK 3/4 TON	21.0000			.00
12/15/89		O	IRRIGATION	4.0000			.00
01/15/90		E	NITROGEN (ANHY)	60.0000	C	V	.00
01/15/90		M	ANHYDROUS APPL.	1.0000			.00
02/15/90		O	IRRIGATION	4.0000			.00
03/31/90		K	SM. GRAINS PAST.	1.0000	C	V	.00
03/31/90		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.

FORAGE SORGHUM HAY, DRYLAND
Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
=====	=====	=====	=====	=====	=====
HAY SORGHUM	4.500	ton	65.0000	292.50	
Total GROSS Income				292.50	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
=====	=====	=====	=====	=====	
PLANTING					
PHOSPHATE	40.000	lb.	.250	10.00	
NITROGEN (ANHY)	40.000	lb.	.123	4.92	
SEED	30.000	lb.	.320	9.60	
Fuel & Lube - Machinery		Acre		7.38	
Repairs - Machinery		Acre		1.78	
Labor - Machinery	1.483	Hour	4.561	6.76	
Total PLANTING				40.45	
FIRST CUTTING					
MOW, RAKE & BALE	33.000	bale	.900	29.70	
CUSTOM HAULING	33.000	bale	.150	4.95	
Total FIRST CUTTING				34.65	
SECOND CUTTING					
NITROGEN (ANHY)	40.000	lb.	.123	4.92	
MOW, RAKE & BALE	66.000	bale	.900	59.40	
CUSTOM HAULING	66.000	bale	.150	9.90	
Fuel & Lube - Machinery		Acre		1.01	
Repairs - Machinery		Acre		0.11	
Labor - Machinery	0.151	Hour	4.561	0.69	
Total SECOND CUTTING				76.03	
THIRD CUTTING					
MOW, RAKE & BALE	49.500	bale	.900	44.55	
CUSTOM HAULING	49.500	bale	.150	7.42	
Total THIRD CUTTING				51.98	
Interest - OC Borrowed	15.991	Dol.	0.110	1.76	
Total VARIABLE COST				204.87	
Break-Even Price, Total Variable Cost \$ 45.52 per ton of HAY					
GROSS INCOME minus VARIABLE COST				87.63	
FIXED COST Description	Unit		Total		
=====	=====		=====		
MISC ADMIN O/H	acre		4.80		
Machinery and Equipment	Acre		23.77		
Land	Acre		15.00		
Total FIXED Cost			43.57		
Break-Even Price, Total Cost \$ 55.20 per ton of HAY					
Total of ALL Cost				248.44	
NET PROJECTED RETURNS				44.06	

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

B-1241(C13)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	HEIGHT PER HEAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
05/05/90	FIRST CUTTING	A	HAY SORGHUM	1.0000	.0000	C	.00	Y
06/30/90	SECOND CUTTING	A	HAY SORGHUM	2.0000	.0000	C	.00	Y
09/20/90	THIRD CUTTING	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
10/15/89	PLANTING	M	SHREDDING	1.0000			.00
11/10/89	PLANTING	M	CHISELING	1.0000			.00
11/20/89	PLANTING	M	DISC OFFSET 12 FT	1.0000			.00
02/10/90	PLANTING	E	PHOSPHATE	40.0000	C	V	.00
02/10/90	PLANTING	M	APPLY.FERTILIZER	1.0000			.00
02/12/90	PLANTING	E	NITROGEN (ANHY)	40.0000	C	V	.00
02/12/90	PLANTING	M	ANHYDROUS APPL.	1.0000			.00
02/15/90	PLANTING	E	SEED SORGFORG	30.0000	C	V	.00
02/15/90	PLANTING	M	DRILLING	1.0000			.00
04/15/90	PLANTING	M	PICKUP TRUCK 3/4 TON	5.0000			.00
05/05/90	FIRST CUTTING	G	MOW, RAKE & BALE	33.0000	C	V	.00
05/05/90	FIRST CUTTING	G	CUSTOM HAULING HAY	33.0000	C	V	.00
05/10/90	SECOND CUTTING	E	NITROGEN (ANHY)	40.0000	C	V	.00
05/10/90	SECOND CUTTING	M	ANHYDROUS APPL.	1.0000			.00
06/30/90	SECOND CUTTING	G	MOW, RAKE & BALE	66.0000	C	V	.00
06/30/90	SECOND CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
06/30/90		E	MISC ADMIN O/H	.3000		F	.00
09/20/90	THIRD CUTTING	G	MOW, RAKE & BALE	49.5000	C	V	.00
09/20/90	THIRD CUTTING	G	CUSTOM HAULING HAY	49.5000	C	V	.00
09/30/90	THIRD CUTTING	K	LAND - CASH RENT SORGHUM	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.

FORAGE SORGHUM HAY, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
HAY SORGHUM	10.000	ton	65.0000	650.00	
Total GROSS Income				650.00	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
PLANTING					
PHOSPHATE	60.000	lb.	.250	15.00	
NITROGEN (ANHY)	60.000	lb.	.123	7.38	
SEED	40.000	lb.	.320	12.80	
Fuel & Lube - Machinery		Acre		7.36	
- Irrigation		Acre		11.12	
Repairs - Machinery		Acre		1.76	
- Irrigation		Acre		2.41	
Labor - Machinery	1.942	Hour	4.561	8.86	
- Irrigation	0.400	Hour	4.559	1.82	
Total PLANTING				68.51	
FIRST CUTTING					
MOW, RAKE & BALE	66.000	bale	.900	59.40	
CUSTOM HAULING	66.000	bale	.150	9.90	
Fuel & Lube - Irrigation		Acre		11.12	
Repairs - Irrigation		Acre		2.41	
Labor - Irrigation	0.400	Hour	4.559	1.82	
Total FIRST CUTTING				84.66	
SECOND CUTTING					
NITROGEN (ANHY)	60.000	lb.	.123	7.38	
MOW, RAKE & BALE	66.000	bale	.900	59.40	
CUSTOM HAULING	66.000	bale	.150	9.90	
Fuel & Lube - Machinery		Acre		1.01	
Repairs - Machinery		Acre		0.11	
Labor - Machinery	0.151	Hour	4.561	0.69	
Total SECOND CUTTING				78.49	
THIRD CUTTING					
NITROGEN (ANHY)	60.000	lb.	.123	7.38	
CUSTOM HAULING	66.000	bale	.150	9.90	
MOW, RAKE & BALE	66.000	bale	.900	59.40	
Fuel & Lube - Machinery		Acre		1.01	
- Irrigation		Acre		11.12	
Repairs - Machinery		Acre		0.11	
- Irrigation		Acre		2.41	
Labor - Machinery	0.151	Hour	4.561	0.69	
- Irrigation	0.400	Hour	4.559	1.82	
Total THIRD CUTTING				93.85	
FOURTH CUTTING					
NITROGEN (ANHY)	60.000	lb.	.123	7.38	
CUSTOM HAULING	66.000	bale	.150	9.90	
MOW, RAKE & BALE	66.000	bale	.900	59.40	
Fuel & Lube - Machinery		Acre		1.01	
- Irrigation		Acre		11.12	
Repairs - Machinery		Acre		0.11	
- Irrigation		Acre		2.41	
Labor - Machinery	0.151	Hour	4.561	0.69	
- Irrigation	0.400	Hour	4.559	1.82	
Total FOURTH CUTTING				93.85	
FIFTH CUTTING					
MOW, RAKE & BALE	66.000	bale	.900	59.40	
CUSTOM HAULING	66.000	bale	.150	9.90	
Fuel & Lube - Irrigation		Acre		11.12	
Repairs - Irrigation		Acre		2.41	
Labor - Irrigation	0.400	Hour	4.559	1.82	
Total FIFTH CUTTING				84.66	
Interest - OC Borrowed	25.456	Dol.	0.110	2.80	
Total VARIABLE COST				506.80	
Break-Even Price, Total Variable Cost \$ 50.68 per ton of HAY					
GROSS INCOME minus VARIABLE COST				143.20	
FIXED COST Description		Unit		Total	
MISC ADMIN O/H		acre		8.00	
Machinery and Equipment		Acre		29.36	
Irrigation		Acre		64.54	
Land		Acre		40.00	
Total FIXED Cost				141.91	
Break-Even Price, Total Cost \$ 64.87 per ton of HAY					
Total of ALL Cost				648.71	
NET PROJECTED RETURNS				1.29	

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

B-1241(C13)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
05/05/90	FIRST CUTTING	A	HAY SORGHUM	2.0000	.0000	C	.00	Y
06/10/90	SECOND CUTTING	A	HAY SORGHUM	2.0000	.0000	C	.00	Y
07/15/90	THIRD CUTTING	A	HAY SORGHUM	2.0000	.0000	C	.00	Y
08/20/90	FOURTH CUTTING	A	HAY SORGHUM	2.0000	.0000	C	.00	Y
09/25/90	FIFTH CUTTING	A	HAY SORGHUM	2.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
11/05/89	PLANTING	M	SHREDDING	1.0000			.00
11/10/89	PLANTING	M	CHISELING	1.0000			.00
11/15/89	PLANTING	M	DISC OFFSET 8 FT	.2000			.00
11/20/89	PLANTING	M	PLANING LAND	.2000			.00
11/25/89	PLANTING	M	DISC OFFSET 8 FT	.2000			.00
02/10/90	PLANTING	E	PHOSPHATE	60.0000	C	V	.00
02/10/90	PLANTING	M	APPLY.FERTILIZER	1.0000			.00
02/12/90	PLANTING	E	NITROGEN (ANHY)	60.0000	C	V	.00
02/12/90	PLANTING	M	ANHYDROUS APPL.	1.0000			.00
02/15/90	PLANTING	E	SEED SORGFORG	40.0000	C	V	.00
02/15/90	PLANTING	M	DRILLING	1.0000			.00
02/25/90	PLANTING	O	IRRIGATION	4.0000			.00
03/15/90	PLANTING	M	PICKUP TRUCK 3/4 TON	20.0000			.00
04/25/90	FIRST CUTTING	O	IRRIGATION	4.0000			.00
05/05/90	FIRST CUTTING	G	MOW, RAKE & BALE	66.0000	C	V	.00
05/05/90	FIRST CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
05/10/90	SECOND CUTTING	E	NITROGEN (ANHY)	60.0000	C	V	.00
05/10/90	SECOND CUTTING	M	ANHYDROUS APPL.	1.0000			.00
06/10/90	SECOND CUTTING	G	MOW, RAKE & BALE	66.0000	C	V	.00
06/10/90	SECOND CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
06/15/90	THIRD CUTTING	E	NITROGEN (ANHY)	60.0000	C	V	.00
06/15/90	THIRD CUTTING	M	ANHYDROUS APPL.	1.0000			.00
06/20/90	THIRD CUTTING	O	IRRIGATION	4.0000	C	V	.00
07/15/90	THIRD CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
07/15/90	THIRD CUTTING	G	MOW, RAKE & BALE	66.0000	C	V	.00
07/20/90	FOURTH CUTTING	M	ANHYDROUS APPL.	1.0000			.00
07/20/90	FOURTH CUTTING	E	NITROGEN (ANHY)	60.0000	C	V	.00
07/25/90	FOURTH CUTTING	O	IRRIGATION	4.0000	C	V	.00
08/20/90	FOURTH CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
08/20/90	FOURTH CUTTING	G	MOW, RAKE & BALE	66.0000	C	V	.00
08/25/90	FIFTH CUTTING	O	IRRIGATION	4.0000	C	V	.00
09/25/90	FIFTH CUTTING	G	MOW, RAKE & BALE	66.0000	C	V	.00
09/25/90	FIFTH CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
09/30/90		K	LAND - CASH RENT SORGHUMI	1.0000		F	.00
09/30/90		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.

CORN FOR SILAGE, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1990 Projected Costs and Returns per Acre

GROSS INCOME Description =====	Quantity =====	Unit =====	\$ / Unit =====	Total =====	Your Estimate =====
CORN SILAGE	15.000	ton	18.0000	270.00	_____
Total GROSS Income				270.00	_____
VARIABLE COST Description =====	Quantity =====	Unit =====	\$ / Unit =====	Total =====	
PREHARVEST					
PHOSPHATE	80.000	lb.	.250	20.00	_____
NITROGEN (ANHY)	160.000	lb.	.123	19.68	_____
SEED	20.000	lb.	1.000	20.00	_____
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		13.75	_____
- Irrigation		Acre		44.49	_____
Repairs - Machinery		Acre		3.31	_____
- Irrigation		Acre		9.63	_____
Labor - Machinery	2.778	Hour	4.561	12.67	_____
- Irrigation	1.600	Hour	4.559	7.30	_____
Total PREHARVEST				174.82	_____
Interest - DC Borrowed	85.501	Dol.	0.110	9.41	_____
Total VARIABLE COST				184.23	_____
<i>Break-Even Price, Total Variable Cost \$ 12.28 per ton of CORN SILAGE</i>					
GROSS INCOME minus VARIABLE COST				85.77	_____
FIXED COST Description =====		Unit =====		Total =====	
MISC ADMIN O/H		acre		8.00	_____
Machinery and Equipment		Acre		47.20	_____
Irrigation		Acre		51.63	_____
Land		Acre		15.00	_____
Total FIXED Cost				121.84	_____
<i>Break-Even Price, Total Cost \$ 20.40 per ton of CORN SILAGE</i>					
Total of ALL Cost				306.06	_____
NET PROJECTED RETURNS				-36.06	_____

Sold standing in the field.
A fall application of herbicide may be necessary if weeds become a problem.

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

B-1241(C13)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
07/15/90	HARVEST	A	CORN SILAGE	15.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
08/10/89	PREHARVEST	M	CHISELING	1.0000			.00
08/15/89	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
08/20/89	PREHARVEST	M	PLANING LAND	.2000			.00
08/25/89	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
12/20/89	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
02/05/90	PREHARVEST	E	PHOSPHATE	80.0000	C	V	.00
02/05/90	PREHARVEST	M	APPLY.FERTILIZER	1.0000			.00
02/07/90	PREHARVEST	E	NITROGEN (ANHY)	160.0000	C	V	.00
02/07/90	PREHARVEST	M	ANHYDROUS APPL.	1.0000			.00
02/10/90	PREHARVEST	E	SEED CORN-SIL	20.0000	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
02/20/90	PREHARVEST	O	IRRIGATION	4.0000			.00
03/15/90	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
03/20/90	PREHARVEST	O	IRRIGATION	4.0000			.00
04/15/90	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
04/20/90	PREHARVEST	O	IRRIGATION	4.0000			.00
05/20/90	PREHARVEST	O	IRRIGATION	4.0000			.00
06/30/90	PREHARVEST	E	MISC ADMIN O/H	.5000		F	.00
07/31/90	PREHARVEST	K	LAND - CASH RENT FORAGE	1.0000		F	.00

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

GROSS INCOME Description =====	Quantity =====	Unit =====	\$ / Unit =====	Total =====	Your Estimate =====
CORN	65.000	bu.	2.5300	164.45	_____
DEFICIENCY PMT. CORN	65.000	bu.	0.2300	14.95	_____
Total GROSS Income				179.40	_____
VARIABLE COST Description =====	Quantity =====	Unit =====	\$ / Unit =====	Total =====	
PREHARVEST					
FED. CROP INS.*	1.000	acre	5.830	5.83	_____
HERBICIDE	1.000	acre	12.500	12.50	_____
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	10.000	lb.	1.000	10.00	_____
Fuel & Lube - Machinery		Acre		13.33	_____
Repairs - Machinery		Acre		3.21	_____
Labor - Machinery	2.794	Hour	4.561	12.74	_____
Total PREHARVEST				77.98	_____
HARVEST					
CUSTOM HARVEST	1.000	acre	22.000	22.00	_____
CUSTOM HAULING	65.000	bu.	.140	9.10	_____
Total HARVEST				31.10	_____
Interest - OC Borrowed	42.825	Dol.	0.110	4.71	_____
Total VARIABLE COST				113.79	_____
GROSS INCOME minus VARIABLE COST				65.61	_____
FIXED COST Description =====	Unit =====	Total =====			
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		178.74			_____
NET PROJECTED RETURNS		0.66			_____

* Estimate of multi-peril federal crop insurance coverage 42.3 bu./acre
production guarantee and \$2.60/bu. price guarantee (\$110.00/ac. protection):
\$5.83/acre premium.