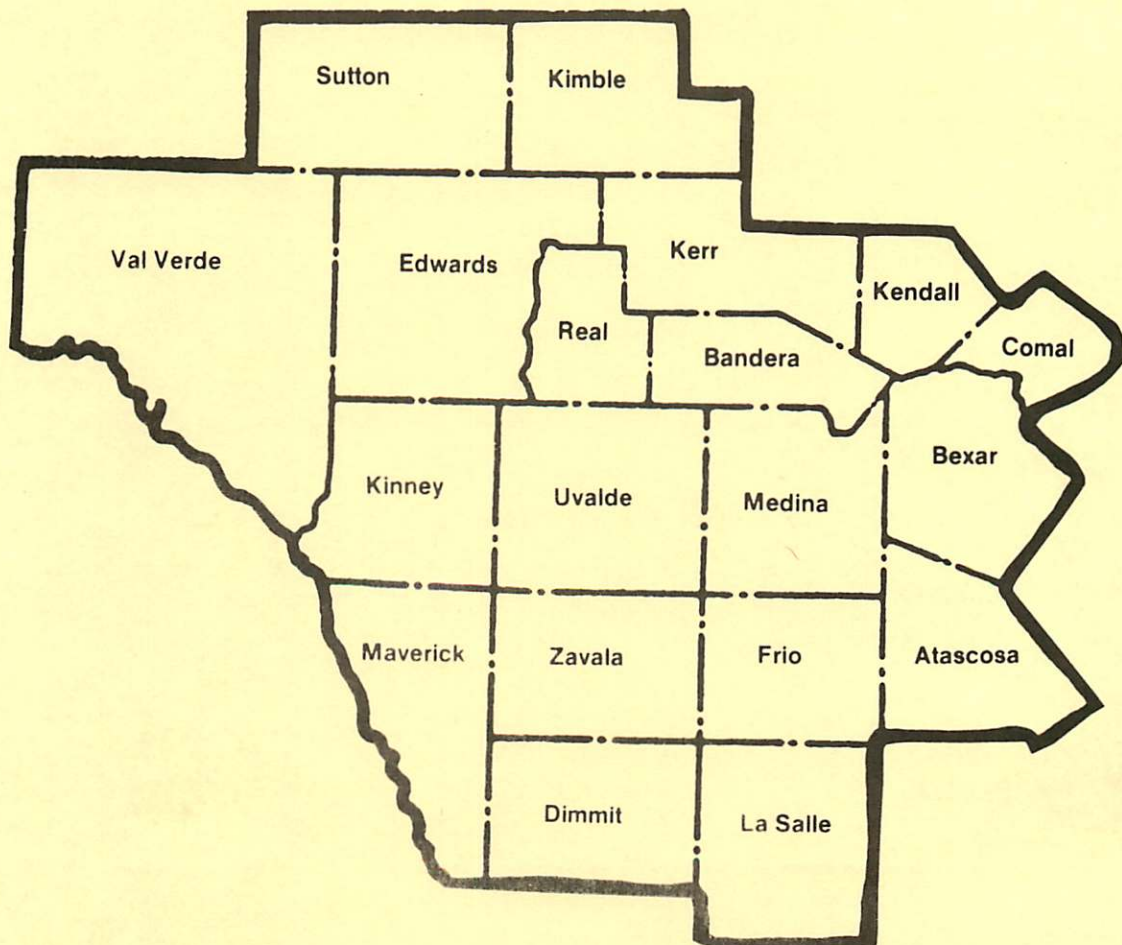
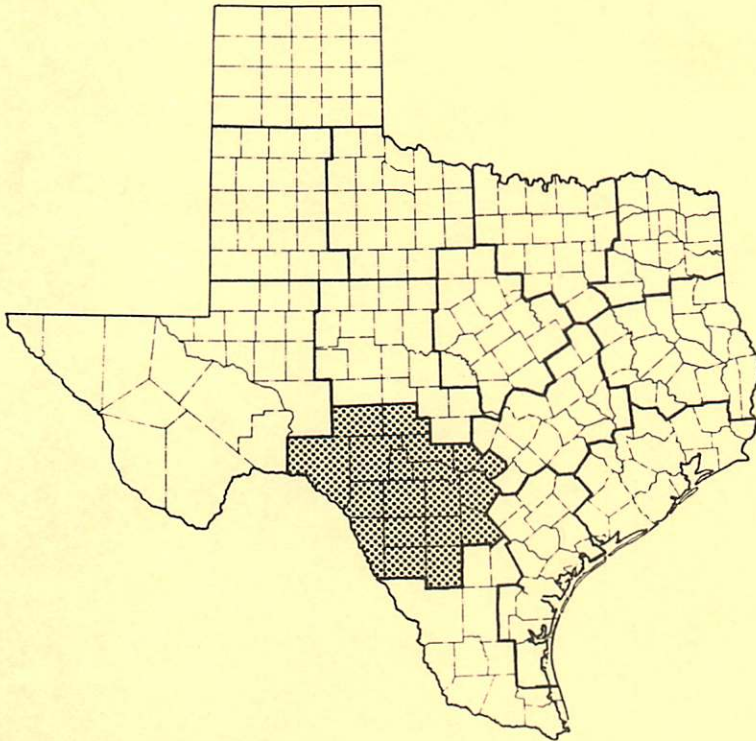


SOUTHWEST TEXAS

DISTRICT 13

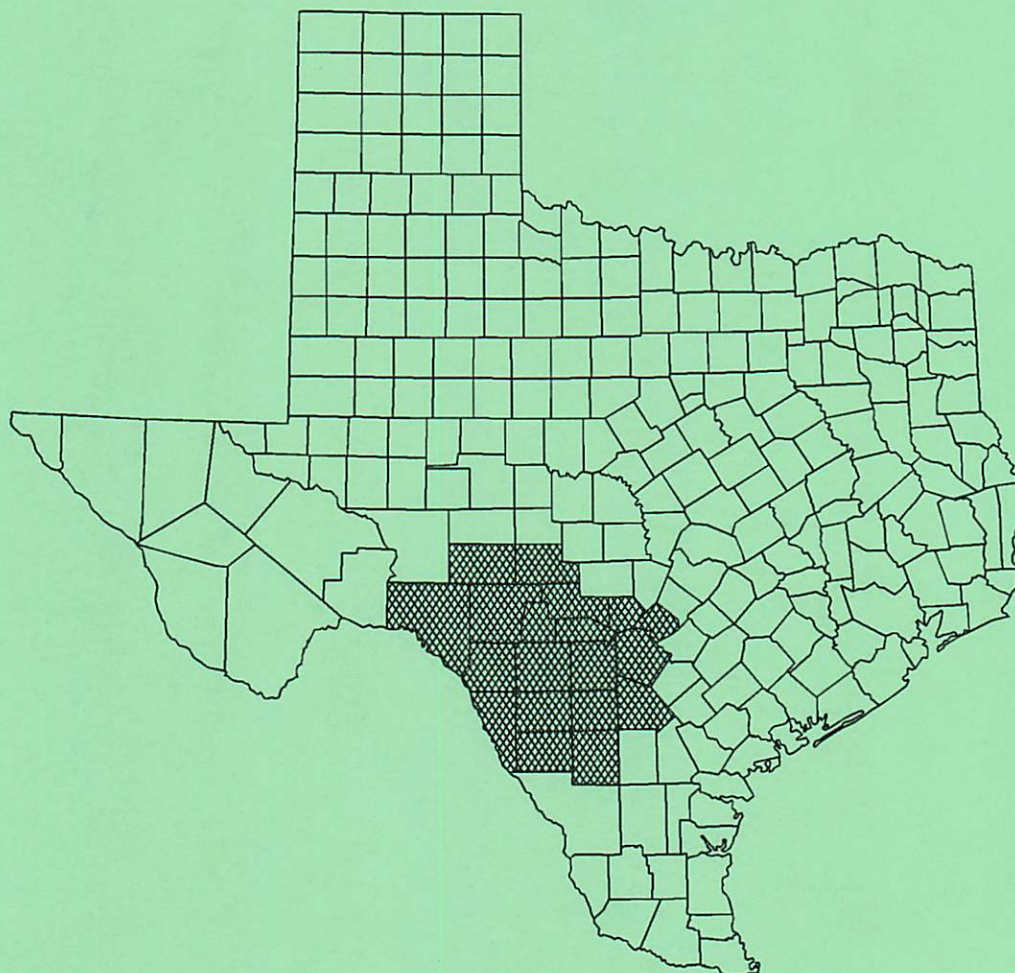


TEXAS AGRICULTURAL EXTENSION SERVICE . THE TEXAS A&M UNIVERSITY SYSTEM
Zerle L. Carpenter, Director . College Station, Texas

TEXAS CROP ENTERPRISE BUDGETS

SOUTHWEST TEXAS DISTRICT

Projected for 1993



Data collected and submitted by Jose G. Pena

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.

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150 - 01-93, New

COASTAL BERMUDA PASTURE ESTABLISHMENT, DRYLAND
Southwest Texas District-13 (Wintergarden Region)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description =====	Quantity =====	Unit =====	\$ / Unit =====	Total =====	Your Estimate =====
GRAZING* BERMUDA	100.000	days	0.2800	28.00	_____
Total GROSS Income				28.00	_____
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	40.000	40.00	_____
HERBICIDE	1.000	acre	2.400	2.40	_____
Fuel & Lube - Machinery		Acre		7.40	_____
Repairs - Machinery		Acre		2.09	_____
Labor - Machinery	1.517	Hour	5.398	8.19	_____
Interest - OC Borrowed	48.686	Dol.	0.097	4.75	_____
				=====	_____
Total VARIABLE COST				84.82	_____
Break-Even Price, Total Variable Cost \$ 0.84 per days of GRAZING*					
GROSS INCOME minus VARIABLE COST				-56.82	_____
FIXED COST Description =====		Unit =====		Total =====	
MISC ADMIN O/H		acre		4.80	_____
Machinery and Equipment		Acre		27.24	_____
Land		Acre		10.00	_____
				=====	_____
Total FIXED Cost				42.04	_____
Break-Even Price, Total Cost \$ 1.26 per days of GRAZING*					
Total of ALL Cost				126.86	_____
NET PROJECTED RETURNS				-98.86	_____

Grazing is based on the number of Animal Unit Days.

Projections for Planning Purposes Only
Not to be Used without Updating after October 13, 1993.

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.
05/01/93		A	GRAZING* BERMUDA	10.0000	.0000	C	.00	Y
06/01/93		A	GRAZING* BERMUDA	15.0000	.0000	C	.00	Y
07/01/93		A	GRAZING* BERMUDA	20.0000	.0000	C	.00	Y
08/01/93		A	GRAZING* BERMUDA	15.0000	.0000	C	.00	Y
09/01/93		A	GRAZING* BERMUDA	20.0000	.0000	C	.00	Y
10/01/93		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
02/10/93		M	PLOWING MLDBOARD	1.0000			.00
02/20/93		M	DISC OFFSET 12 FT	1.0000			.00
03/10/93		E	NITROGEN (DRY)	50.0000	C	V	.00
03/10/93		E	PHOSPHATE	30.0000	C	V	.00
03/10/93		M	APPLY.FERTILIZER	1.0000			.00
03/20/93		G	SPRIG & SPRIGGING	1.0000	C	V	.00
04/15/93		E	HERBICIDE HAY	1.0000	C	V	.00
04/15/93		M	SPRAYING 12 FT	1.0000			.00
04/30/93		M	PICKUP TRUCK 3/4 TON	5.0000			.00
06/30/93		E	MISC ADMIN O/H	.3000		F	.00
10/31/93		K	LAND - CASH RENT PASTURE	1.0000		F	.00

COASTAL BERMUDA PASTURE, DRYLAND
Southwest Texas District-13 (Wintergarden Region)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description =====	Quantity =====	Unit =====	\$ / Unit =====	Total =====	Your Estimate =====
GRAZING* BERMUDA	200.000	days	0.2800	56.00	_____
Total GROSS Income				56.00	_____
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		3.74	_____
Repairs - Machinery		Acre		1.01	_____
Labor - Machinery	1.175	Hour	5.399	6.34	_____
Interest - OC Borrowed	8.255	Dol.	0.097	0.80	_____
Total VARIABLE COST				44.30	_____
Break-Even Price, Total Variable Cost \$ 0.22 per days of GRAZING*					
GROSS INCOME minus VARIABLE COST				11.70	_____
FIXED COST Description =====		Unit =====		Total =====	
MISC ADMIN O/H		acre		4.80	_____
Machinery and Equipment		Acre		15.40	_____
Land		Acre		10.00	_____
Perennial Crop		Acre		12.73	_____
Total FIXED Cost				42.93	_____
Break-Even Price, Total Cost \$ 0.43 per days of GRAZING*					
Total of ALL Cost				87.23	_____
NET PROJECTED RETURNS				-31.23	_____

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 October 13, 1993.

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.
03/01/93		A	GRAZING* BERMUDA	10.0000	.0000	C	.00	Y
04/01/93		A	GRAZING* BERMUDA	20.0000	.0000	C	.00	Y
05/01/93		A	GRAZING* BERMUDA	30.0000	.0000	C	.00	Y
06/01/93		A	GRAZING* BERMUDA	25.0000	.0000	C	.00	Y
07/01/93		A	GRAZING* BERMUDA	20.0000	.0000	C	.00	Y
08/01/93		A	GRAZING* BERMUDA	20.0000	.0000	C	.00	Y
09/01/93		A	GRAZING* BERMUDA	30.0000	.0000	C	.00	Y
10/01/93		A	GRAZING* BERMUDA	25.0000	.0000	C	.00	Y
11/01/93		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
02/10/93		E	NITROGEN (DRY)	30.0000	C	V	.00
02/10/93		E	PHOSPHATE	30.0000	C	V	.00
02/10/93		M	APPLY.FERTILIZER	1.0000			.00
02/15/93		E	HERBICIDE HAY	1.0000	C	V	.00
02/15/93		M	SPRAYING 12 FT	1.0000			.00
02/20/93		M	CHISELING	.2500			.00
05/31/93		M	PICKUP TRUCK 3/4 TON	5.0000			.00
06/15/93		E	NITROGEN (DRY)	30.0000	C	V	.00
06/15/93		M	APPLY.FERTILIZER	1.0000			.00
06/30/93		E	MISC ADMIN O/H	.3000		F	.00
08/15/93		E	NITROGEN (DRY)	30.0000	C	V	.00
08/15/93		M	APPLY.FERTILIZER	1.0000			.00
11/30/93		K	LAND - CASH RENT PASTURE	1.0000	C	F	.00
11/30/93		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)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
=====	=====	=====	=====	=====	=====
GRAZING* BERMUDA	240.000	days	0.2800	67.20	_____
				=====	_____
Total GROSS Income				67.20	_____
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	40.000	40.00	_____
NITROGEN (DRY)	60.000	lb.	.250	15.00	_____
NITROGEN (DRY)	60.000	lb.	.250	15.00	_____
Fuel & Lube - Machinery		Acre		8.86	_____
- Irrigation		Acre		49.48	_____
Repairs - Machinery		Acre		2.50	_____
- Irrigation		Acre		9.63	_____
Labor - Machinery	1.923	Hour	5.398	10.38	_____
- Irrigation	1.600	Hour	5.399	8.64	_____
Interest - OC Borrowed	86.339	Dol.	0.098	8.42	_____
				=====	_____
Total VARIABLE COST				200.31	_____
Break-Even Price, Total Variable Cost \$ 0.83 per days of GRAZING*					
GROSS INCOME minus VARIABLE COST				-133.11	_____
FIXED COST Description		Unit		Total	
=====		=====		=====	
MISC ADMIN O/H		acre		8.00	_____
Machinery and Equipment		Acre		32.98	_____
Irrigation		Acre		51.63	_____
Land		Acre		25.00	_____
				=====	_____
Total FIXED Cost				117.61	_____
Break-Even Price, Total Cost \$ 1.32 per days of GRAZING*					
Total of ALL Cost				317.93	_____
NET PROJECTED RETURNS				-250.73	_____

Grazing is based on the number of Animal Unit Days.

Projections for Planning Purposes Only
Not to be Used without Updating after October 13, 1993.

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.
06/01/93		A	GRAZING* BERMUDA	60.0000	.0000	C	.00	Y
07/01/93		A	GRAZING* BERMUDA	60.0000	.0000	C	.00	Y
08/01/93		A	GRAZING* BERMUDA	60.0000	.0000	C	.00	Y
09/01/93		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
02/10/93		M	PLOWING MLDBOARD	1.0000			.00
02/15/93		M	DISC OFFSET 12 FT	1.0000			.00
02/20/93		E	HERBICIDE HAY	1.0000	C	V	.00
02/20/93		M	SPRAYING 12 FT	1.0000			.00
02/25/93		E	NITROGEN (DRY)	60.0000	C	V	.00
02/25/93		E	PHOSPHATE	60.0000	C	V	.00
02/25/93		M	APPLY.FERTILIZER	1.0000			.00
02/28/93		O	IRRIGATION	4.0000			.00
03/10/93		G	SPRIG & SPRIGGING	1.0000	C	V	.00
03/31/93		M	PICKUP TRUCK 3/4 TON	5.0000			.00
04/20/93		O	IRRIGATION	4.0000			.00
06/15/93		M	APPLY.FERTILIZER	1.0000			.00
06/15/93		E	NITROGEN (DRY)	60.0000	C	V	.00
06/20/93		O	IRRIGATION	4.0000			.00
06/30/93		E	MISC ADMIN O/H	.5000		F	.00
08/15/93		M	APPLY.FERTILIZER	1.0000			.00
08/15/93		E	NITROGEN (DRY)	60.0000	C	V	.00
08/20/93		O	IRRIGATION	4.0000			.00
09/30/93		K	LAND - CASH RENT PASTUREI	1.0000	C	F	.00

COASTAL BERMUDA PASTURE, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description =====	Quantity =====	Unit =====	\$ / Unit =====	Total =====	Your Estimate =====
GRAZING* BERMUDA	600.000	days	0.2800	168.00	_____
Total GROSS Income				168.00	_____
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		5.79	_____
- Irrigation		Acre		61.85	_____
Repairs - Machinery		Acre		1.57	_____
- Irrigation		Acre		12.04	_____
Labor - Machinery	1.794	Hour	5.399	9.68	_____
- Irrigation	2.000	Hour	5.399	10.80	_____
Interest - OC Borrowed	51.486	Dol.	0.098	5.02	_____
				=====	
Total VARIABLE COST				199.15	_____
Break-Even Price, Total Variable Cost \$ 0.33 per days of GRAZING*					
GROSS INCOME minus VARIABLE COST				-31.15	_____
FIXED COST Description =====	Unit =====	Total =====			
MISC ADMIN O/H	acre	8.00			_____
Machinery and Equipment	Acre	23.58			_____
Irrigation	Acre	64.54			_____
Land	Acre	25.00			_____
Perennial Crop	Acre	24.00			_____
		=====			
Total FIXED Cost		145.12			_____
Break-Even Price, Total Cost \$ 0.57 per days of GRAZING*					
Total of ALL Cost				344.27	_____
NET PROJECTED RETURNS				-176.27	_____

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 October 13, 1993.

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.
04/01/93		A	GRAZING* BERMUDA	50.0000	.0000	C	.00	Y
05/01/93		A	GRAZING* BERMUDA	100.0000	.0000	C	.00	Y
06/01/93		A	GRAZING* BERMUDA	100.0000	.0000	C	.00	Y
07/01/93		A	GRAZING* BERMUDA	100.0000	.0000	C	.00	Y
08/01/93		A	GRAZING* BERMUDA	100.0000	.0000	C	.00	Y
09/01/93		A	GRAZING* BERMUDA	100.0000	.0000	C	.00	Y
10/01/93		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
02/10/93		E	NITROGEN (DRY)	60.0000	C	V	.00
02/10/93		M	APPLY.FERTILIZER	1.0000			.00
02/10/93		E	PHOSPHATE	60.0000	C	V	.00
02/15/93		O	IRRIGATION	4.0000			.00
02/20/93		E	HERBICIDE HAY	1.0000	C	V	.00
02/20/93		M	SPRAYING 12 FT	1.0000			.00
02/28/93		M	SHREDDING	1.0000			.00
04/20/93		O	IRRIGATION	4.0000			.00
04/30/93		M	PICKUP TRUCK 3/4 TON	5.0000			.00
05/15/93		E	NITROGEN (DRY)	60.0000	C	V	.00
05/15/93		M	APPLY.FERTILIZER	1.0000			.00
06/15/93		E	NITROGEN (DRY)	60.0000	C	V	.00
06/15/93		M	APPLY.FERTILIZER	1.0000			.00
06/20/93		O	IRRIGATION	4.0000			.00
06/30/93		E	MISC ADMIN O/H	.5000		F	.00
07/15/93		E	NITROGEN (DRY)	60.0000	C	V	.00
07/15/93		M	APPLY.FERTILIZER	1.0000			.00
07/20/93		O	IRRIGATION	4.0000			.00
08/15/93		E	NITROGEN (DRY)	60.0000	C	V	.00
08/15/93		M	APPLY.FERTILIZER	1.0000			.00
08/20/93		O	IRRIGATION	4.0000			.00
10/31/93		K	LAND - CASH RENT PASTUREI	1.0000	C	F	.00
10/31/93		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)
1993 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	40.000	40.00	
HERBICIDE	1.000	acre	2.400	2.40	
Fuel & Lube - Machinery		Acre		7.40	
- Irrigation		Acre		24.74	
Repairs - Machinery		Acre		2.09	
- Irrigation		Acre		4.82	
Labor - Machinery	1.517	Hour	5.398	8.19	
- Irrigation	0.800	Hour	5.399	4.32	
Total ESTABLISHMENT				123.95	
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		0.73	
- Irrigation		Acre		12.37	
Repairs - Machinery		Acre		0.21	
- Irrigation		Acre		2.41	
Labor - Machinery	0.203	Hour	5.399	1.10	
- Irrigation	0.400	Hour	5.399	2.16	
Total SECOND CUTTING				68.62	
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		0.73	
- Irrigation		Acre		12.37	
Repairs - Machinery		Acre		0.21	
- Irrigation		Acre		2.41	
Labor - Machinery	0.203	Hour	5.399	1.10	
- Irrigation	0.400	Hour	5.399	2.16	
Total FOURTH CUTTING				68.62	
Interest - OC Borrowed	78.835	Dol.	0.098	7.69	
Total VARIABLE COST				338.18	
Break-Even Price, Total Variable Cost	\$ 84.54 per ton of HAY				
GROSS INCOME minus VARIABLE COST				-78.18	
FIXED COST Description	Unit		Total		
=====	=====		=====		
MISC ADMIN O/H	acre		8.00		
Machinery and Equipment	Acre		32.98		
Irrigation	Acre		51.63		
Land	Acre		40.00		
Total FIXED Cost			132.61		
Break-Even Price, Total Cost	\$ 117.69 per ton of HAY				
Total of ALL Cost				470.80	
NET PROJECTED RETURNS				-210.80	

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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.
06/10/93	FIRST CUTTING	A	HAY BERMUDA	1.0000	.0000	C	.00	Y
07/15/93	SECOND CUTTING	A	HAY BERMUDA	1.0000	.0000	C	.00	Y
08/20/93	SECOND CUTTING	A	HAY BERMUDA	1.0000	.0000	C	.00	Y
09/25/93	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
02/10/93	ESTABLISHMENT	M	PLOWING MLDBOARD	1.0000			.00
02/15/93	ESTABLISHMENT	E	NITROGEN (DRY)	60.0000	C	V	.00
02/20/93	ESTABLISHMENT	M	DISC OFFSET 12 FT	1.0000			.00
02/25/93	ESTABLISHMENT	E	PHOSPHATE	60.0000	C	V	.00
02/25/93	ESTABLISHMENT	M	APPLY.FERTILIZER	1.0000			.00
02/28/93	ESTABLISHMENT	O	IRRIGATION	4.0000			.00
03/10/93	ESTABLISHMENT	G	SPRIG & SPRIGGING	1.0000	C	V	.00
04/15/93	ESTABLISHMENT	E	HERBICIDE HAY	1.0000	C	V	.00
04/15/93	ESTABLISHMENT	M	SPRAYING 12 FT	1.0000			.00
04/20/93	ESTABLISHMENT	O	IRRIGATION	4.0000			.00
05/31/93	ESTABLISHMENT	M	PICKUP TRUCK 3/4 TON	5.0000			.00
06/10/93	FIRST CUTTING	G	MOW, RAKE & BALE	33.0000	C	V	.00
06/10/93	FIRST CUTTING	G	CUSTOM HAULING HAY	33.0000	C	V	.00
06/15/93	SECOND CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
06/15/93	SECOND CUTTING	M	APPLY.FERTILIZER	1.0000	C	V	.00
06/20/93	SECOND CUTTING	O	IRRIGATION	4.0000			.00
06/30/93		E	MISC ADMIN O/H	.5000		F	.00
07/15/93	SECOND CUTTING	G	CUSTOM HAULING HAY	33.0000	C	V	.00
07/15/93	SECOND CUTTING	G	MOW, RAKE & BALE	33.0000	C	V	.00
08/20/93	THIRD CUTTING	G	CUSTOM HAULING HAY	33.0000	C	V	.00
08/20/93	THIRD CUTTING	G	MOW, RAKE & BALE	33.0000	C	V	.00
08/25/93	FOURTH CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
08/25/93	FOURTH CUTTING	M	APPLY.FERTILIZER	1.0000			.00
08/30/93	FOURTH CUTTING	O	IRRIGATION	4.0000			.00
09/25/93	FOURTH CUTTING	G	CUSTOM HAULING HAY	33.0000	C	V	.00
09/25/93	FOURTH CUTTING	G	MOW, RAKE & BALE	33.0000	C	V	.00
09/30/93		K	LAND - CASH RENT HAYI	1.0000		F	.00

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COASTAL BERMUDA HAY, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
HAY BERMUDA	10.000	ton	65.0000	650.00	
Total GROSS Income				650.00	
VARIABLE COST 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		0.81	
- Irrigation		Acre		24.74	
Repairs - Machinery		Acre		0.22	
- Irrigation		Acre		4.82	
Labor - Machinery	0.236	Hour	5.399	1.28	
- Irrigation	0.800	Hour	5.399	4.32	
Total FIRST CUTTING				136.17	
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		1.10	
Repairs - Machinery		Acre		0.28	
Labor - Machinery	0.370	Hour	5.399	2.00	
Total SECOND CUTTING				88.37	
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		0.81	
- Irrigation		Acre		12.37	
Repairs - Machinery		Acre		0.22	
- Irrigation		Acre		2.41	
Labor - Machinery	0.236	Hour	5.399	1.28	
- Irrigation	0.400	Hour	5.399	2.16	
Total THIRD CUTTING				104.23	
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		0.81	
- Irrigation		Acre		12.37	
Repairs - Machinery		Acre		0.22	
- Irrigation		Acre		2.41	
Labor - Machinery	0.236	Hour	5.399	1.28	
- Irrigation	0.400	Hour	5.399	2.16	
Total FOURTH CUTTING				104.23	
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		0.81	
- Irrigation		Acre		12.37	
Repairs - Machinery		Acre		0.22	
- Irrigation		Acre		2.41	
Labor - Machinery	0.236	Hour	5.399	1.28	
- Irrigation	0.400	Hour	5.399	2.16	
Total FIFTH CUTTING				104.23	
Interest - OC Borrowed	18.324	Dol.	0.097	1.79	
Total VARIABLE COST				539.03	
Break-Even Price, Total Variable Cost \$ 53.90 per ton of HAY					
GROSS INCOME minus VARIABLE COST				110.97	
FIXED COST Description	Unit		Total		
MISC ADMIN O/H	acre		8.00		
Machinery and Equipment	Acre		16.27		
Irrigation	Acre		64.54		
Land	Acre		40.00		
Perennial Crop	Acre		20.17		
Total FIXED Cost			148.98		
Break-Even Price, Total Cost \$ 68.80 per ton of HAY					
Total of ALL Cost			688.01		
NET PROJECTED RETURNS			-38.01		

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

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Projections for Planning Purposes Only
Not to be Used without Updating after October 13, 1993.

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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.
05/05/93	FIRST CUTTING	A	HAY BERMUDA	2.0000	.0000	C	.00	Y
06/10/93	SECOND CUTTING	A	HAY BERMUDA	2.0000	.0000	C	.00	Y
07/15/93	THIRD CUTTING	A	HAY BERMUDA	2.0000	.0000	C	.00	Y
08/20/93	FOURTH CUTTING	A	HAY BERMUDA	2.0000	.0000	C	.00	Y
09/25/93	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
02/15/93	FIRST CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
02/15/93	FIRST CUTTING	E	PHOSPHATE	60.0000	C	V	.00
02/15/93	FIRST CUTTING	M	APPLY.FERTILIZER	1.0000			.00
03/15/93	FIRST CUTTING	O	IRRIGATION	4.0000			.00
04/15/93	FIRST CUTTING	O	IRRIGATION	4.0000			.00
04/30/93	FIRST CUTTING	M	PICKUP TRUCK 3/4 TON	1.0000			.00
05/05/93	FIRST CUTTING	G	MOW, RAKE & BALE	66.6600			.00
05/05/93	FIRST CUTTING	G	CUSTOM HAULING HAY	66.6600			.00
05/10/93	SECOND CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
05/10/93	SECOND CUTTING	M	APPLY.FERTILIZER	1.0000			.00
05/31/93	SECOND CUTTING	M	PICKUP TRUCK 3/4 TON	5.0000			.00
06/10/93	THIRD CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
06/10/93	SECOND CUTTING	G	MOW, RAKE & BALE	66.6600	C	V	.00
06/10/93	SECOND CUTTING	G	CUSTOM HAULING HAY	66.6600	C	V	.00
06/15/93	THIRD CUTTING	M	APPLY.FERTILIZER	1.0000			.00
06/20/93	THIRD CUTTING	O	IRRIGATION	4.0000			.00
06/30/93	THIRD CUTTING	M	PICKUP TRUCK 3/4 TON	1.0000			.00
06/30/93		E	MISC ADMIN O/H	.5000		F	.00
07/15/93	THIRD CUTTING	G	CUSTOM HAULING HAY	66.6600	C	V	.00
07/15/93	THIRD CUTTING	G	MOW, RAKE & BALE	66.6600	C	V	.00
07/20/93	FOURTH CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
07/20/93	FOURTH CUTTING	M	APPLY.FERTILIZER	1.0000			.00
07/25/93	FOURTH CUTTING	O	IRRIGATION	4.0000			.00
07/31/93	FOURTH CUTTING	M	PICKUP TRUCK 3/4 TON	1.0000			.00
08/20/93	FOURTH CUTTING	G	MOW, RAKE & BALE	66.6600	C	V	.00
08/20/93	FOURTH CUTTING	G	CUSTOM HAULING HAY	66.6600	C	V	.00
08/25/93	FIFTH CUTTING	M	APPLY.FERTILIZER	1.0000			.00
08/25/93	FIFTH CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
08/30/93	FIFTH CUTTING	O	IRRIGATION	4.0000			.00
08/31/93	FIFTH CUTTING	M	PICKUP TRUCK 3/4 TON	1.0000			.00
09/25/93	FIFTH CUTTING	G	MOW, RAKE & BALE	66.6600	C	V	.00
09/25/93	FIFTH CUTTING	G	CUSTOM HAULING HAY	66.6600	C	V	.00
09/30/93	FIFTH CUTTING	L	BERMUDA HAY IRRIG.	1.0000		F	.00
09/30/93	FIFTH CUTTING	K	LAND - CASH RENT HAYI	1.0000	C	F	.00

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FORAGE SORGHUM FOR GRAZING, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
=====	=====	=====	=====	=====	=====
PASTURE* SORGHUM	600.000	days	0.2800	168.00	_____
				=====	
Total GROSS Income				168.00	_____
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
=====	=====	=====	=====	=====	
PHOSPHATE	60.000	lb.	.250	15.00	_____
NITROGEN (ANHY)	60.000	lb.	.100	6.00	_____
SEED	40.000	lb.	.320	12.80	_____
NITROGEN (ANHY)	60.000	lb.	.100	6.00	_____
NITROGEN (ANHY)	60.000	lb.	.100	6.00	_____
Fuel & Lube - Machinery		Acre		10.26	_____
- Irrigation		Acre		49.48	_____
Repairs - Machinery		Acre		2.51	_____
- Irrigation		Acre		9.63	_____
Labor - Machinery	2.415	Hour	5.398	13.03	_____
- Irrigation	1.600	Hour	5.399	8.64	_____
Interest - OC Borrowed	34.028	Dol.	0.098	3.32	_____
				=====	
Total VARIABLE COST				142.67	_____
Break-Even Price, Total Variable Cost \$ 0.23 per days of PASTURE*					
GROSS INCOME minus VARIABLE COST				25.33	_____
FIXED COST Description		Unit		Total	
=====		=====		=====	
MISC ADMIN O/H		acre		8.00	_____
Machinery and Equipment		Acre		34.22	_____
Irrigation		Acre		51.63	_____
Land		Acre		40.00	_____
				=====	
Total FIXED Cost				133.86	_____
Break-Even Price, Total Cost \$ 0.46 per days of PASTURE*					
Total of ALL Cost				276.53	_____
NET PROJECTED RETURNS				-108.53	_____

Grazing is based on the number of Animal Unit Days.

Projections for Planning Purposes Only
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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.
04/01/93		A	PASTURE* SORGHUM	50.0000	.0000	C	.00	Y
05/01/93		A	PASTURE* SORGHUM	100.0000	.0000	C	.00	Y
06/01/93		A	PASTURE* SORGHUM	100.0000	.0000	C	.00	Y
07/01/93		A	PASTURE* SORGHUM	100.0000	.0000	C	.00	Y
08/01/93		A	PASTURE* SORGHUM	100.0000	.0000	C	.00	Y
09/01/93		A	PASTURE* SORGHUM	100.0000	.0000	C	.00	Y
10/01/93		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
11/05/92		M	SHREDDING	1.0000			.00
11/10/92		M	CHISELING	1.0000			.00
11/15/92		M	DISC OFFSET 12 FT	1.0000			.00
11/20/92		M	PLANING LAND	.2000			.00
11/25/92		M	DISC OFFSET 12 FT	.2000			.00
02/05/93		E	PHOSPHATE	60.0000	C	V	.00
02/05/93		M	APPLY.FERTILIZER	1.0000			.00
02/10/93		E	NITROGEN (ANHY)	60.0000	C	V	.00
02/10/93		M	ANHYDROUS APPL.	1.0000			.00
02/11/93		E	SEED SORGFORG	40.0000	C	V	.00
02/11/93		M	DRILLING	1.0000			.00
03/15/93		O	IRRIGATION	4.0000			.00
04/30/93		M	PICKUP TRUCK 3/4 TON	21.0000			.00
05/15/93		E	NITROGEN (ANHY)	60.0000	C	V	.00
05/15/93		M	ANHYDROUS APPL.	1.0000			.00
06/15/93		O	IRRIGATION	4.0000			.00
06/30/93		E	MISC ADMIN O/H	.5000		F	.00
07/15/93		E	NITROGEN (ANHY)	60.0000	C	V	.00
07/15/93		M	ANHYDROUS APPL.	1.0000			.00
07/20/93		O	IRRIGATION	4.0000			.00
08/25/93		O	IRRIGATION	4.0000			.00
10/31/93		K	LAND - CASH RENT SORGHUMI	1.0000	C	F	.00

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OATS FOR GRAZING, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
=====	=====	=====	=====	=====	=====
GRAZING* OATS	400.000	days	0.2800	112.00	_____
				=====	_____
Total GROSS Income				112.00	_____
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
=====	=====	=====	=====	=====	
PHOSPHATE	60.000	lb.	.250	15.00	_____
NITROGEN (ANHY)	60.000	lb.	.100	6.00	_____
SEED	64.000	lb.	.150	9.60	_____
NITROGEN (ANHY)	60.000	lb.	.100	6.00	_____
Fuel & Lube - Machinery		Acre		8.40	_____
- Irrigation		Acre		37.11	_____
Repairs - Machinery		Acre		2.14	_____
- Irrigation		Acre		7.22	_____
Labor - Machinery	2.001	Hour	5.398	10.80	_____
- Irrigation	1.200	Hour	5.399	6.48	_____
Interest - OC Borrowed	23.240	Dol.	0.097	2.27	_____
				=====	_____
Total VARIABLE COST				111.03	_____
Break-Even Price, Total Variable Cost \$ 0.27 per days of GRAZING*					
GROSS INCOME minus VARIABLE COST				0.97	_____
FIXED COST Description	Unit		Total		
=====	=====		=====		
MISC ADMIN O/H	acre		8.00	_____	
Machinery and Equipment	Acre		28.35	_____	
Irrigation	Acre		38.73	_____	
Land	Acre		25.00	_____	
			=====		
Total FIXED Cost			100.08	_____	
Break-Even Price, Total Cost \$ 0.52 per days of GRAZING*					
Total of ALL Cost				211.10	_____
NET PROJECTED RETURNS				-99.10	_____

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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.
11/01/92		A	GRAZING* OATS	80.0000	.0000	C	.00	Y
12/01/92		A	GRAZING* OATS	80.0000	.0000	C	.00	Y
01/01/93		A	GRAZING* OATS	80.0000	.0000	C	.00	Y
02/01/93		A	GRAZING* OATS	80.0000	.0000	C	.00	Y
03/01/93		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
07/15/92		M	CHISELING	1.0000			.00
08/10/92		M	DISC OFFSET 12 FT	1.0000			.00
08/15/92		M	PLANING LAND	.2000			.00
08/20/92		M	DISC OFFSET 12 FT	.2000			.00
09/20/92		E	PHOSPHATE	60.0000	C	V	.00
09/20/92		M	APPLY.FERTILIZER	1.0000			.00
09/25/92		E	NITROGEN (ANHY)	60.0000	C	V	.00
09/25/92		M	ANHYDROUS APPL.	1.0000			.00
10/05/92		E	SEED OATS	64.0000	C	V	.00
10/05/92		M	DRILLING	1.0000			.00
10/20/92		O	IRRIGATION	4.0000			.00
10/31/92		M	PICKUP TRUCK 3/4 TON	21.0000			.00
12/15/92		O	IRRIGATION	4.0000			.00
01/15/93		E	NITROGEN (ANHY)	60.0000	C	V	.00
01/15/93		M	ANHYDROUS APPL.	1.0000			.00
02/15/93		O	IRRIGATION	4.0000			.00
03/31/93		K	SM. GRAINS PAST.	1.0000	C	V	.00
03/31/93		E	MISC ADMIN O/H	.5000		F	.00

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FORAGE SORGHUM HAY, DRYLAND
Southwest Texas District-13 (Wintergarden Region)
1993 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.	.100	4.00	
SEED	30.000	lb.	.320	9.60	
Fuel & Lube - Machinery		Acre		6.75	
Repairs - Machinery		Acre		1.88	
Labor - Machinery	1.483	Hour	5.399	8.01	

Total PLANTING				40.23	
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.	.100	4.00	
MOW, RAKE & BALE	66.000	bale	.900	59.40	
CUSTOM HAULING	66.000	bale	.150	9.90	
Fuel & Lube - Machinery		Acre		0.91	
Repairs - Machinery		Acre		0.13	
Labor - Machinery	0.151	Hour	5.398	0.82	

Total SECOND CUTTING				75.15	
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	15.690	Dol.	0.098	1.53	
				=====	
Total VARIABLE COST				203.54	
Break-Even Price, Total Variable Cost \$ 45.23 per ton of HAY					
GROSS INCOME minus VARIABLE COST				88.96	
FIXED COST Description	Unit		Total		
=====	=====		=====		
MISC ADMIN O/H	acre		4.80		
Machinery and Equipment	Acre		25.76		
Land	Acre		15.00		
			=====		
Total FIXED Cost			45.56		
Break-Even Price, Total Cost \$ 55.35 per ton of HAY					
Total of ALL Cost				249.10	
NET PROJECTED RETURNS				43.40	

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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.
05/05/93	FIRST CUTTING	A	HAY SORGHUM	1.0000	.0000	C	.00	Y
06/30/93	SECOND CUTTING	A	HAY SORGHUM	2.0000	.0000	C	.00	Y
09/20/93	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
10/15/92	PLANTING	M	SHREDDING	1.0000			.00
11/10/92	PLANTING	M	CHISELING	1.0000			.00
11/20/92	PLANTING	M	DISC OFFSET 12 FT	1.0000			.00
02/10/93	PLANTING	E	PHOSPHATE	40.0000	C	V	.00
02/10/93	PLANTING	M	APPLY.FERTILIZER	1.0000			.00
02/12/93	PLANTING	E	NITROGEN (ANHY)	40.0000	C	V	.00
02/12/93	PLANTING	M	ANHYDROUS APPL.	1.0000			.00
02/15/93	PLANTING	E	SEED SORGFORG	30.0000	C	V	.00
02/15/93	PLANTING	M	DRILLING	1.0000			.00
04/15/93	PLANTING	M	PICKUP TRUCK 3/4 TON	5.0000			.00
05/05/93	FIRST CUTTING	G	MOW, RAKE & BALE	33.0000	C	V	.00
05/05/93	FIRST CUTTING	G	CUSTOM HAULING HAY	33.0000	C	V	.00
05/10/93	SECOND CUTTING	E	NITROGEN (ANHY)	40.0000	C	V	.00
05/10/93	SECOND CUTTING	M	ANHYDROUS APPL.	1.0000			.00
06/30/93	SECOND CUTTING	G	MOW, RAKE & BALE	66.0000	C	V	.00
06/30/93	SECOND CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
06/30/93		E	MISC ADMIN O/H	.3000		F	.00
09/20/93	THIRD CUTTING	G	MOW, RAKE & BALE	49.5000	C	V	.00
09/20/93	THIRD CUTTING	G	CUSTOM HAULING HAY	49.5000	C	V	.00
09/30/93	THIRD CUTTING	K	LAND - CASH RENT SORGHUM	1.0000		F	.00

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FORAGE SORGHUM HAY, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1993 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.	.100	6.00	
SEED	40.000	lb.	.320	12.80	
Fuel & Lube - Machinery		Acre		6.99	
- Irrigation		Acre		12.37	
Repairs - Machinery		Acre		1.85	
- Irrigation		Acre		2.41	
Labor - Machinery	1.942	Hour	5.398	10.48	
- Irrigation	0.400	Hour	5.399	2.16	
Total PLANTING				70.06	
FIRST CUTTING					
MOW, RAKE & BALE	66.000	bale	.900	59.40	
CUSTOM HAULING	66.000	bale	.150	9.90	
Fuel & Lube - Irrigation		Acre		12.37	
Repairs - Irrigation		Acre		2.41	
Labor - Irrigation	0.400	Hour	5.399	2.16	
Total FIRST CUTTING				86.24	
SECOND CUTTING					
NITROGEN (ANHY)	60.000	lb.	.100	6.00	
MOW, RAKE & BALE	66.000	bale	.900	59.40	
CUSTOM HAULING	66.000	bale	.150	9.90	
Fuel & Lube - Machinery		Acre		0.91	
Repairs - Machinery		Acre		0.13	
Labor - Machinery	0.151	Hour	5.398	0.82	
Total SECOND CUTTING				77.15	
THIRD CUTTING					
NITROGEN (ANHY)	60.000	lb.	.100	6.00	
CUSTOM HAULING	66.000	bale	.150	9.90	
MOW, RAKE & BALE	66.000	bale	.900	59.40	
Fuel & Lube - Machinery		Acre		0.91	
- Irrigation		Acre		12.37	
Repairs - Machinery		Acre		0.13	
- Irrigation		Acre		2.41	
Labor - Machinery	0.151	Hour	5.398	0.82	
- Irrigation	0.400	Hour	5.399	2.16	
Total THIRD CUTTING				94.09	
FOURTH CUTTING					
NITROGEN (ANHY)	60.000	lb.	.100	6.00	
CUSTOM HAULING	66.000	bale	.150	9.90	
MOW, RAKE & BALE	66.000	bale	.900	59.40	
Fuel & Lube - Machinery		Acre		0.91	
- Irrigation		Acre		12.37	
Repairs - Machinery		Acre		0.13	
- Irrigation		Acre		2.41	
Labor - Machinery	0.151	Hour	5.398	0.82	
- Irrigation	0.400	Hour	5.399	2.16	
Total FOURTH CUTTING				94.09	
FIFTH CUTTING					
MOW, RAKE & BALE	66.000	bale	.900	59.40	
CUSTOM HAULING	66.000	bale	.150	9.90	
Fuel & Lube - Irrigation		Acre		12.37	
Repairs - Irrigation		Acre		2.41	
Labor - Irrigation	0.400	Hour	5.399	2.16	
Total FIFTH CUTTING				86.24	
Interest - OC Borrowed	25.826	Dol.	0.097	2.52	
Total VARIABLE COST				510.38	
Break-Even Price, Total Variable Cost \$ 51.03 per ton of HAY					
GROSS INCOME minus VARIABLE COST				139.62	
FIXED COST Description	Unit		Total		
MISC ADMIN O/H	acre		8.00		
Machinery and Equipment	Acre		31.64		
Irrigation	Acre		64.54		
Land	Acre		40.00		
Total FIXED Cost			144.18		
Break-Even Price, Total Cost \$ 65.45 per ton of HAY					
Total of ALL Cost			654.56		
NET PROJECTED RETURNS			-4.56		

Projections for Planning Purposes Only
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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.
05/05/93	FIRST CUTTING	A	HAY SORGHUM	2.0000	.0000	C	.00	Y
06/10/93	SECOND CUTTING	A	HAY SORGHUM	2.0000	.0000	C	.00	Y
07/15/93	THIRD CUTTING	A	HAY SORGHUM	2.0000	.0000	C	.00	Y
08/20/93	FOURTH CUTTING	A	HAY SORGHUM	2.0000	.0000	C	.00	Y
09/25/93	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
11/05/92	PLANTING	M	SHREDDING	1.0000			.00
11/10/92	PLANTING	M	CHISELING	1.0000			.00
11/15/92	PLANTING	M	DISC OFFSET 8 FT	.2000			.00
11/20/92	PLANTING	M	PLANING LAND	.2000			.00
11/25/92	PLANTING	M	DISC OFFSET 8 FT	.2000			.00
02/10/93	PLANTING	E	PHOSPHATE	60.0000	C	V	.00
02/10/93	PLANTING	M	APPLY.FERTILIZER	1.0000			.00
02/12/93	PLANTING	E	NITROGEN (ANHY)	60.0000	C	V	.00
02/12/93	PLANTING	M	ANHYDROUS APPL.	1.0000			.00
02/15/93	PLANTING	E	SEED SORGFORG	40.0000	C	V	.00
02/15/93	PLANTING	M	DRILLING	1.0000			.00
02/25/93	PLANTING	O	IRRIGATION	4.0000			.00
03/15/93	PLANTING	M	PICKUP TRUCK 3/4 TON	20.0000			.00
04/25/93	FIRST CUTTING	O	IRRIGATION	4.0000			.00
05/05/93	FIRST CUTTING	G	MOW, RAKE & BALE	66.0000	C	V	.00
05/05/93	FIRST CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
05/10/93	SECOND CUTTING	E	NITROGEN (ANHY)	60.0000	C	V	.00
05/10/93	SECOND CUTTING	M	ANHYDROUS APPL.	1.0000			.00
06/10/93	SECOND CUTTING	G	MOW, RAKE & BALE	66.0000	C	V	.00
06/10/93	SECOND CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
06/15/93	THIRD CUTTING	E	NITROGEN (ANHY)	60.0000	C	V	.00
06/15/93	THIRD CUTTING	M	ANHYDROUS APPL.	1.0000			.00
06/20/93	THIRD CUTTING	O	IRRIGATION	4.0000	C	V	.00
07/15/93	THIRD CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
07/15/93	THIRD CUTTING	G	MOW, RAKE & BALE	66.0000	C	V	.00
07/20/93	FOURTH CUTTING	M	ANHYDROUS APPL.	1.0000			.00
07/20/93	FOURTH CUTTING	E	NITROGEN (ANHY)	60.0000	C	V	.00
07/25/93	FOURTH CUTTING	O	IRRIGATION	4.0000	C	V	.00
08/20/93	FOURTH CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
08/20/93	FOURTH CUTTING	G	MOW, RAKE & BALE	66.0000	C	V	.00
08/25/93	FIFTH CUTTING	O	IRRIGATION	4.0000	C	V	.00
09/25/93	FIFTH CUTTING	G	MOW, RAKE & BALE	66.0000	C	V	.00
09/25/93	FIFTH CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
09/30/93		K	LAND - CASH RENT SORGHUMI	1.0000		F	.00
09/30/93		E	MISC ADMIN O/H	.5000		F	.00

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CORN FOR SILAGE, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1993 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.	.100	16.00	_____
SEED	20.000	lb.	1.000	20.00	_____
HERBICIDE	1.000	acre	15.000	15.00	_____
HERBICIDE APPL.	1.000	acre	3.500	3.50	_____
INSECTICIDE	1.000	appl	8.500	8.50	_____
Fuel & Lube - Machinery		Acre		12.75	_____
- Irrigation		Acre		49.48	_____
Repairs - Machinery		Acre		3.46	_____
- Irrigation		Acre		9.63	_____
Labor - Machinery	2.778	Hour	5.398	15.00	_____
- Irrigation	1.600	Hour	5.399	8.64	_____

Total PREHARVEST				181.96	_____
Interest - OC Borrowed	87.292	Dol.	0.098	8.51	_____
				=====	_____
Total VARIABLE COST				190.47	_____
Break-Even Price, Total Variable Cost \$ 12.69 per ton of CORN SILAGE					
GROSS INCOME minus VARIABLE COST				79.53	_____
FIXED COST Description	Unit		Total		
=====	=====		=====		
MISC ADMIN O/H	acre		8.00	_____	
Machinery and Equipment	Acre		50.23	_____	
Irrigation	Acre		51.63	_____	
Land	Acre		15.00	_____	
			=====		
Total FIXED Cost				124.87	_____
Break-Even Price, Total Cost \$ 21.02 per ton of CORN SILAGE					
Total of ALL Cost				315.34	_____
NET PROJECTED RETURNS				-45.34	_____

Sold standing in the field.

A fall application of herbicide may be necessary if weeds become a problem.

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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.
07/15/93	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
08/10/92	PREHARVEST	M	CHISELING	1.0000			.00
08/15/92	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
08/20/92	PREHARVEST	M	PLANING LAND	.2000			.00
08/25/92	PREHARVEST	M	DISC OFFSET 12 FT	.2000			.00
10/15/92	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
11/15/92	PREHARVEST	M	BEDDING 6 ROW	1.0000			.00
12/15/92	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
12/20/92	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
02/05/93	PREHARVEST	E	PHOSPHATE	80.0000	C	V	.00
02/05/93	PREHARVEST	M	APPLY.FERTILIZER	1.0000			.00
02/07/93	PREHARVEST	E	NITROGEN (ANHY)	160.0000	C	V	.00
02/07/93	PREHARVEST	M	ANHYDROUS APPL.	1.0000			.00
02/10/93	PREHARVEST	E	SEED CORN-SIL	20.0000	C	V	.00
02/10/93	PREHARVEST	M	PLANTING 6 ROW	1.0000			.00
02/15/93	PREHARVEST	E	HERBICIDE CORN	1.0000	C	V	.00
02/15/93	PREHARVEST	G	HERBICIDE APPL.	1.0000	C	V	.00
02/15/93	PREHARVEST	E	INSECTICIDE CORN	1.0000	C	V	.00
02/20/93	PREHARVEST	O	IRRIGATION	4.0000			.00
03/15/93	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
03/20/93	PREHARVEST	O	IRRIGATION	4.0000			.00
04/15/93	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
04/20/93	PREHARVEST	O	IRRIGATION	4.0000			.00
05/20/93	PREHARVEST	O	IRRIGATION	4.0000			.00
06/30/93	PREHARVEST	E	MISC ADMIN O/H	.5000		F	.00
07/31/93	PREHARVEST	K	LAND - CASH RENT FORAGE	1.0000		F	.00

CORN, DRYLAND
Southwest Texas District-13 (Wintergarden Region)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
=====	=====	=====	=====	=====	=====
CORN	59.000	bu.	2.4400	143.96	_____
DEFICIENCY PMT. CORN	59.000	bu.	0.5500	32.45	_____
				=====	=====
Total GROSS Income				176.41	_____
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
=====	=====	=====	=====	=====	
PREHARVEST					
FED. CROP INS.*	1.000	acre	8.580	8.58	_____
HERBICIDE	1.000	acre	15.000	15.00	_____
HERBICIDE APPL.	1.000	acre	3.500	3.50	_____
PHOSPHATE	40.000	lb.	.250	10.00	_____
NITROGEN (ANHY)	60.000	lb.	.100	6.00	_____
SEED	18.500	M	.850	15.72	_____
Fuel & Lube - Machinery		Acre		12.37	_____
Repairs - Machinery		Acre		3.36	_____
Labor - Machinery	2.794	Hour	5.398	15.08	_____

Total PREHARVEST				89.62	_____
HARVEST					
CUSTOM HARVEST	1.000	acre	22.000	22.00	_____
CUSTOM HAULING	59.000	bu.	.140	8.26	_____

Total HARVEST				30.26	_____
Interest - OC Borrowed	47.840	Dol.	0.097	4.66	_____
				=====	=====
Total VARIABLE COST				124.54	_____
GROSS INCOME minus VARIABLE COST				51.87	_____
FIXED COST Description	Unit		Total		
=====	=====		=====		
MISC ADMIN O/H	acre		5.30	_____	
Machinery and Equipment	Acre		48.13	_____	
Land	Acre		15.00	_____	
			=====		
Total FIXED Cost			68.43	_____	
Total of ALL Cost			192.97	_____	
NET PROJECTED RETURNS			-16.56	_____	

* Estimate of multi-peril federal crop insurance coverage at 39.0 bu./acre production guarantee and \$2.00/bu. price guarantee (\$78.00/ac. protection): \$8.58/acre premium.