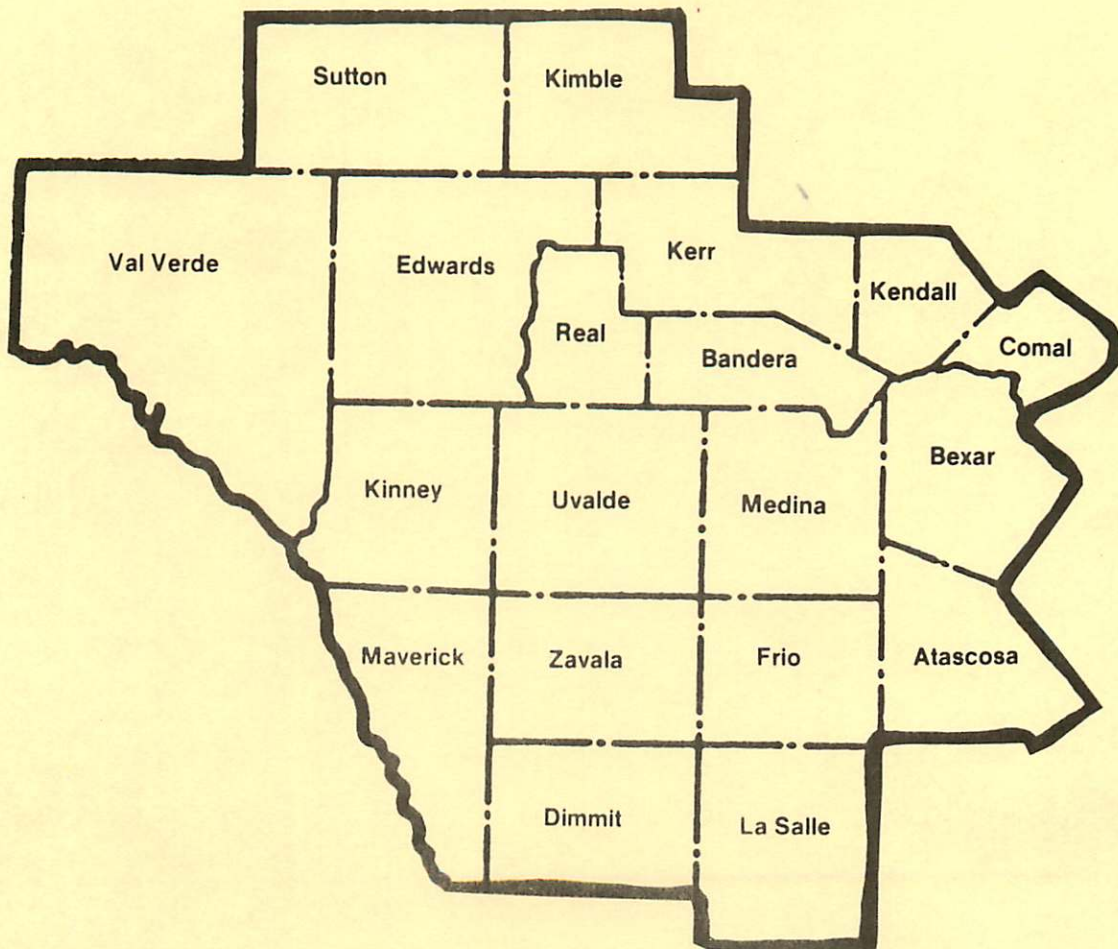
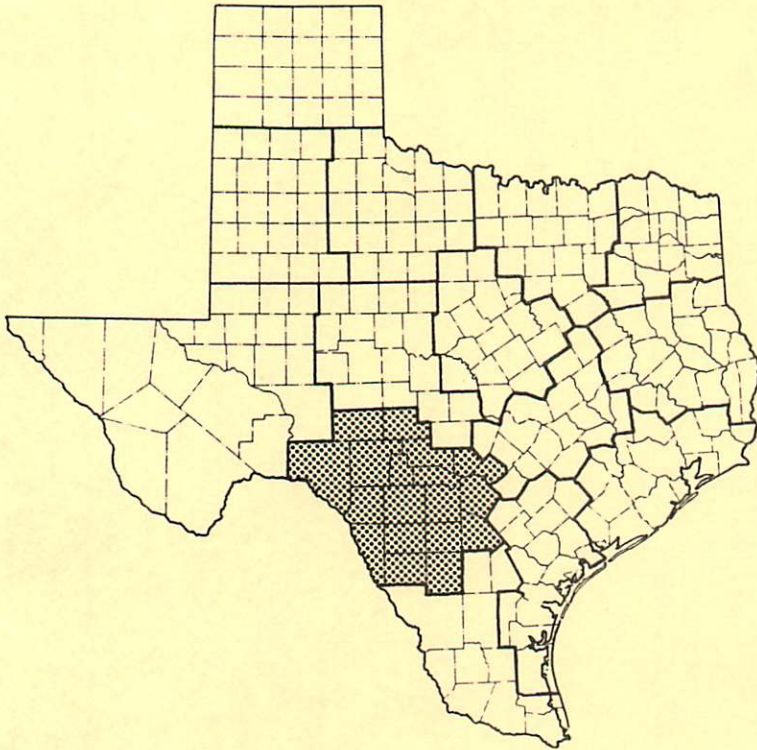


SOUTHWEST TEXAS

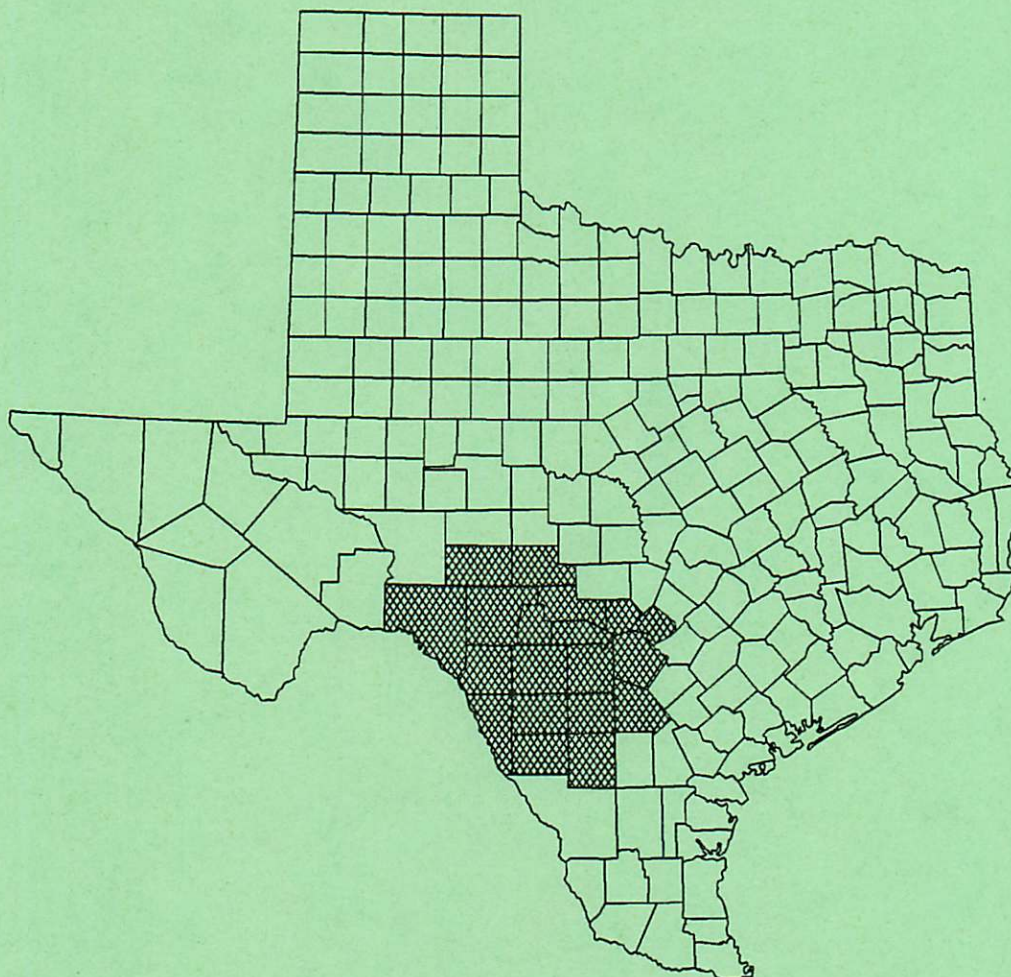
DISTRICT 13



TEXAS CROP ENTERPRISE BUDGETS

SOUTHWEST TEXAS DISTRICT

Projected for 1989



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150 - 12-88, New

COASTAL BERMUDA PASTURE ESTABLISHMENT, DRYLAND
Southwest Texas District-13 (Wintergarden Region)
1989 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.	.200	10.00	_____
PHOSPHATE	30.000	lb.	.200	6.00	_____
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		1.95	_____
Labor - Machinery	1.517	Hour	4.501	6.83	_____
Interest - OC Borrowed	36.020	Dol.	0.110	3.96	_____
Total VARIABLE COST				64.25	_____
Break-Even Price, Total Variable Cost \$ 0.64 per days of GRAZING*					
GROSS INCOME minus VARIABLE COST				-34.25	_____
FIXED COST Description =====		Unit =====		Total =====	
MISC ADMIN O/H		acre		4.80	_____
Machinery and Equipment		Acre		25.15	_____
Land		Acre		10.00	_____
Total FIXED Cost				39.95	_____
Break-Even Price, Total Cost \$ 1.04 per days of GRAZING*					
Total of ALL Cost				104.20	_____
NET PROJECTED RETURNS				-74.20	_____

Grazing is based on the number of Animal Unit Days.

Projections for Planning Purposes Only
Not to be Used without Updating after April 8, 1989.

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.
05/02/89		A	GRAZING BERMUDA	10.0000	.0000	C	.00	Y
06/02/89		A	GRAZING BERMUDA	15.0000	.0000	C	.00	Y
07/02/89		A	GRAZING BERMUDA	20.0000	.0000	C	.00	Y
08/02/89		A	GRAZING BERMUDA	15.0000	.0000	C	.00	Y
09/02/89		A	GRAZING BERMUDA	20.0000	.0000	C	.00	Y
10/02/89		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
02/11/89		M	PLOWING MLDBOARD	1.0000			.00
02/21/89		M	DISC OFFSET 12 FT	1.0000			.00
03/11/89		E	NITROGEN (DRY)	50.0000	C	V	.00
03/11/89		E	PHOSPHATE	30.0000	C	V	.00
03/11/89		M	APPLY.FERTILIZER	1.0000			.00
03/21/89		G	SPRIG & SPRIGGING	1.0000	C	V	.00
04/16/89		E	HERBICIDE HAY	1.0000	C	V	.00
04/16/89		M	SPRAYING 12 FT	1.0000			.00
05/01/89		M	PICKUP TRUCK 3/4 TON	5.0000			.00
07/01/89		E	MISC ADMIN O/H	.3000		F	.00
11/01/89		K	LAND - CASH RENT PASTURE	1.0000		F	.00

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COASTAL BERMUDA PASTURE, DRYLAND
Southwest Texas District-13 (Wintergarden Region)
1989 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.	.200	6.00	_____
PHOSPHATE	30.000	lb.	.200	6.00	_____
HERBICIDE	1.000	acre	2.400	2.40	_____
NITROGEN (DRY)	30.000	lb.	.200	6.00	_____
NITROGEN (DRY)	30.000	lb.	.200	6.00	_____
Fuel & Lube - Machinery		Acre		4.05	_____
Repairs - Machinery		Acre		0.94	_____
Labor - Machinery	1.175	Hour	4.501	5.29	_____
Interest - OC Borrowed	4.829	Dol.	0.110	0.53	_____
Total VARIABLE COST				37.22	_____
Break-Even Price, Total Variable Cost \$ 0.18 per days of GRAZING*					
GROSS INCOME minus VARIABLE COST				22.78	_____
FIXED COST Description =====		Unit =====		Total =====	
MISC ADMIN O/H		acre		4.80	_____
Machinery and Equipment		Acre		14.05	_____
Land		Acre		10.00	_____
Perennial Crop		Acre		9.56	_____
Total FIXED Cost				38.41	_____
Break-Even Price, Total Cost \$ 0.37 per days of GRAZING*					
Total of ALL Cost				75.63	_____
NET PROJECTED RETURNS				-15.63	_____

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 8, 1989.

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.
03/02/89		A	GRAZING* BERMUDA	10.0000	.0000	C	.00	Y
04/02/89		A	GRAZING* BERMUDA	20.0000	.0000	C	.00	Y
05/02/89		A	GRAZING* BERMUDA	30.0000	.0000	C	.00	Y
06/02/89		A	GRAZING* BERMUDA	25.0000	.0000	C	.00	Y
07/02/89		A	GRAZING* BERMUDA	20.0000	.0000	C	.00	Y
08/02/89		A	GRAZING* BERMUDA	20.0000	.0000	C	.00	Y
09/02/89		A	GRAZING* BERMUDA	30.0000	.0000	C	.00	Y
10/02/89		A	GRAZING* BERMUDA	25.0000	.0000	C	.00	Y
11/02/89		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
02/11/89		E	NITROGEN (DRY)	30.0000	C	V	.00
02/11/89		E	PHOSPHATE	30.0000	C	V	.00
02/11/89		M	APPLY.FERTILIZER	1.0000			.00
02/16/89		E	HERBICIDE HAY	1.0000	C	V	.00
02/16/89		M	SPRAYING 12 FT	1.0000			.00
02/21/89		M	CHISELING	.2500			.00
06/01/89		M	PICKUP TRUCK 3/4 TON	5.0000			.00
06/16/89		E	NITROGEN (DRY)	30.0000	C	V	.00
06/16/89		M	APPLY.FERTILIZER	1.0000			.00
07/01/89		E	MISC ADMIN O/H	.3000		F	.00
08/16/89		E	NITROGEN (DRY)	30.0000	C	V	.00
08/16/89		M	APPLY.FERTILIZER	1.0000			.00
12/01/89		K	LAND - CASH RENT PASTURE	1.0000	C	F	.00
12/01/89		L	BERMUDA PASTURE DRYLAND	1.0000		F	.00

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COASTAL BERMUDA PASTURE, ESTABLISHMENT, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1989 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.	.200	12.00	_____
PHOSPHATE	60.000	lb.	.200	12.00	_____
SPRIG & SPRIGGING	1.000	acre	25.000	25.00	_____
NITROGEN (DRY)	60.000	lb.	.200	12.00	_____
NITROGEN (DRY)	60.000	lb.	.200	12.00	_____
Fuel & Lube - Machinery		Acre		9.72	_____
- Irrigation		Acre		44.49	_____
Repairs - Machinery		Acre		2.34	_____
- Irrigation		Acre		9.63	_____
Labor - Machinery	1.923	Hour	4.501	8.66	_____
- Irrigation	1.600	Hour	3.799	6.08	_____
Interest - OC Borrowed	69.120	Dol.	0.110	7.60	_____
Total VARIABLE COST				163.93	_____
Break-Even Price, Total Variable Cost \$ 0.68 per days of GRAZING*					
GROSS INCOME minus VARIABLE COST				-91.93	_____
FIXED COST Description =====		Unit =====		Total =====	
MISC ADMIN O/H		acre		8.00	_____
Machinery and Equipment		Acre		30.36	_____
Irrigation		Acre		51.63	_____
Land		Acre		25.00	_____
Total FIXED Cost				114.99	_____
Break-Even Price, Total Cost \$ 1.16 per days of GRAZING*					
Total of ALL Cost				278.92	_____
NET PROJECTED RETURNS				-206.92	_____

Grazing is based on the number of Animal Unit Days.

Projections for Planning Purposes Only
Not to be Used without Updating after April 8, 1989.

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.
06/02/89		A	GRAZING BERMUDA	60.0000	.0000	C	.00	Y
07/02/89		A	GRAZING BERMUDA	60.0000	.0000	C	.00	Y
08/02/89		A	GRAZING BERMUDA	60.0000	.0000	C	.00	Y
09/02/89		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
02/11/89		M	PLOWING MLDBOARD	1.0000			.00
02/16/89		M	DISC OFFSET 12 FT	1.0000			.00
02/21/89		E	HERBICIDE HAY	1.0000	C	V	.00
02/21/89		M	SPRAYING 12 FT	1.0000			.00
02/26/89		E	NITROGEN (DRY)	60.0000	C	V	.00
02/26/89		E	PHOSPHATE	60.0000	C	V	.00
02/26/89		M	APPLY.FERTILIZER	1.0000			.00
03/01/89		O	IRRIGATION	4.0000			.00
03/11/89		G	SPRIG & SPRIGGING	1.0000	C	V	.00
04/01/89		M	PICKUP TRUCK 3/4 TON	5.0000			.00
04/21/89		O	IRRIGATION	4.0000			.00
06/16/89		M	APPLY.FERTILIZER	1.0000			.00
06/16/89		E	NITROGEN (DRY)	60.0000	C	V	.00
06/21/89		O	IRRIGATION	4.0000			.00
07/01/89		E	MISC ADMIN O/H	.5000		F	.00
08/16/89		M	APPLY.FERTILIZER	1.0000			.00
08/16/89		E	NITROGEN (DRY)	60.0000	C	V	.00
08/21/89		O	IRRIGATION	4.0000			.00
10/01/89		K	LAND - CASH RENT PASTUREI	1.0000	C	F	.00

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COASTAL BERMUDA PASTURE, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1989 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.	.200	12.00	_____
PHOSPHATE	60.000	lb.	.200	12.00	_____
HERBICIDE	1.000	acre	2.400	2.40	_____
NITROGEN (DRY)	60.000	lb.	.200	12.00	_____
NITROGEN (DRY)	60.000	lb.	.200	12.00	_____
NITROGEN (DRY)	60.000	lb.	.200	12.00	_____
NITROGEN (DRY)	60.000	lb.	.200	12.00	_____
Fuel & Lube - Machinery		Acre		6.32	_____
- Irrigation		Acre		55.62	_____
Repairs - Machinery		Acre		1.47	_____
- Irrigation		Acre		12.04	_____
Labor - Machinery	1.794	Hour	4.501	8.07	_____
- Irrigation	2.000	Hour	3.800	7.60	_____
Interest - OC Borrowed	34.836	Dol.	0.110	3.83	_____
Total VARIABLE COST				169.35	_____
Break-Even Price, Total Variable Cost \$ 0.28 per days of GRAZING*					
GROSS INCOME minus VARIABLE COST				10.65	_____
FIXED COST Description =====		Unit =====		Total =====	
MISC ADMIN O/H		acre		8.00	_____
Machinery and Equipment		Acre		21.43	_____
Irrigation		Acre		64.54	_____
Land		Acre		25.00	_____
Perennial Crop		Acre		19.82	_____
Total FIXED Cost				138.80	_____
Break-Even Price, Total Cost \$ 0.51 per days of GRAZING*					
Total of ALL Cost				308.15	_____
NET PROJECTED RETURNS				-128.15	_____

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 8, 1989.

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.
04/02/89		A	GRAZING* BERMUDA	50.0000	.0000	C	.00	Y
05/02/89		A	GRAZING* BERMUDA	100.0000	.0000	C	.00	Y
06/02/89		A	GRAZING* BERMUDA	100.0000	.0000	C	.00	Y
07/02/89		A	GRAZING* BERMUDA	100.0000	.0000	C	.00	Y
08/02/89		A	GRAZING* BERMUDA	100.0000	.0000	C	.00	Y
09/02/89		A	GRAZING* BERMUDA	100.0000	.0000	C	.00	Y
10/02/89		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
02/11/89		E	NITROGEN (DRY)	60.0000	C	V	.00
02/11/89		M	APPLY.FERTILIZER	1.0000			.00
02/11/89		E	PHOSPHATE	60.0000	C	V	.00
02/16/89		O	IRRIGATION	4.0000			.00
02/21/89		E	HERBICIDE HAY	1.0000	C	V	.00
02/21/89		M	SPRAYING 12 FT	1.0000			.00
03/01/89		M	SHREDDING	1.0000			.00
04/21/89		O	IRRIGATION	4.0000			.00
05/01/89		M	PICKUP TRUCK 3/4 TON	5.0000			.00
05/16/89		E	NITROGEN (DRY)	60.0000	C	V	.00
05/16/89		M	APPLY.FERTILIZER	1.0000			.00
06/16/89		E	NITROGEN (DRY)	60.0000	C	V	.00
06/16/89		M	APPLY.FERTILIZER	1.0000			.00
06/21/89		O	IRRIGATION	4.0000			.00
07/01/89		E	MISC ADMIN O/H	.5000		F	.00
07/16/89		E	NITROGEN (DRY)	60.0000	C	V	.00
07/16/89		M	APPLY.FERTILIZER	1.0000			.00
07/21/89		O	IRRIGATION	4.0000			.00
08/16/89		E	NITROGEN (DRY)	60.0000	C	V	.00
08/16/89		M	APPLY.FERTILIZER	1.0000			.00
08/21/89		O	IRRIGATION	4.0000			.00
11/01/89		K	LAND - CASH RENT PASTUREI	1.0000	C	F	.00
11/01/89		L	BERMUDA PASTURE IRRIG.	1.0000		F	.00

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COASTAL BERMUDA HAY, ESTABLISHMENT, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1989 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.	.200	12.00	
PHOSPHATE	60.000	lb.	.200	12.00	
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		1.95	
- Irrigation		Acre		4.82	
Labor - Machinery	1.517	Hour	4.501	6.83	
- Irrigation	0.800	Hour	3.799	3.04	
Total ESTABLISHMENT				98.39	
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.	.200	12.00	
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	4.501	0.91	
- Irrigation	0.400	Hour	3.799	1.52	
Total SECOND CUTTING				63.62	
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.	.200	12.00	
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	4.501	0.91	
- Irrigation	0.400	Hour	3.799	1.52	
Total FOURTH CUTTING				63.62	
Interest - OC Borrowed	62.695	Dol.	0.110	6.90	
Total VARIABLE COST				301.82	
Break-Even Price, Total Variable Cost	\$ 75.45 per ton of HAY				
GROSS INCOME minus VARIABLE COST				-41.82	
FIXED COST Description	Unit		Total		
=====	=====		=====		
MISC ADMIN O/H	acre		8.00		
Machinery and Equipment	Acre		30.36		
Irrigation	Acre		51.63		
Land	Acre		40.00		
Total FIXED Cost			129.99		
Break-Even Price, Total Cost	\$ 107.95 per ton of HAY				
Total of ALL Cost				431.81	
NET PROJECTED RETURNS				-171.81	

Projections for Planning Purposes Only
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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.
06/11/89	FIRST CUTTING	A	HAY BERMUDA	1.0000	.0000	C	.00	Y
07/16/89	SECOND CUTTING	A	HAY BERMUDA	1.0000	.0000	C	.00	Y
08/21/89	SECOND CUTTING	A	HAY BERMUDA	1.0000	.0000	C	.00	Y
09/26/89	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
02/11/89	ESTABLISHMENT	M	PLOWING MLDBOARD	1.0000			.00
02/16/89	ESTABLISHMENT	E	NITROGEN (DRY)	60.0000	C	V	.00
02/21/89	ESTABLISHMENT	M	DISC OFFSET 12 FT	1.0000			.00
02/26/89	ESTABLISHMENT	E	PHOSPHATE	60.0000	C	V	.00
02/26/89	ESTABLISHMENT	M	APPLY.FERTILIZER	1.0000			.00
03/01/89	ESTABLISHMENT	O	IRRIGATION	4.0000			.00
03/11/89	ESTABLISHMENT	G	SPRIG & SPRIGGING	1.0000	C	V	.00
04/16/89	ESTABLISHMENT	E	HERBICIDE HAY	1.0000	C	V	.00
04/16/89	ESTABLISHMENT	M	SPRAYING 12 FT	1.0000			.00
04/21/89	ESTABLISHMENT	O	IRRIGATION	4.0000			.00
06/01/89	ESTABLISHMENT	M	PICKUP TRUCK 3/4 TON	5.0000			.00
06/11/89	FIRST CUTTING	G	MOW, RAKE & BALE	33.0000	C	V	.00
06/11/89	FIRST CUTTING	G	CUSTOM HAULING HAY	33.0000	C	V	.00
06/16/89	SECOND CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
06/16/89	SECOND CUTTING	M	APPLY.FERTILIZER	1.0000	C	V	.00
06/21/89	SECOND CUTTING	O	IRRIGATION	4.0000			.00
07/01/89		E	MISC ADMIN O/H	.5000		F	.00
07/16/89	SECOND CUTTING	G	CUSTOM HAULING HAY	33.0000	C	V	.00
07/16/89	SECOND CUTTING	G	MOW, RAKE & BALE	33.0000	C	V	.00
08/21/89	THIRD CUTTING	G	CUSTOM HAULING HAY	33.0000	C	V	.00
08/21/89	THIRD CUTTING	G	MOW, RAKE & BALE	33.0000	C	V	.00
08/26/89	FOURTH CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
08/26/89	FOURTH CUTTING	M	APPLY.FERTILIZER	1.0000			.00
08/31/89	FOURTH CUTTING	O	IRRIGATION	4.0000			.00
09/26/89	FOURTH CUTTING	G	CUSTOM HAULING HAY	33.0000	C	V	.00
09/26/89	FOURTH CUTTING	G	MOW, RAKE & BALE	33.0000	C	V	.00
10/01/89		K	LAND - CASH RENT HAYI	1.0000		F	.00

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COASTAL BERMUDA HAY, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1989 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.	.200	12.00	
PHOSPHATE	60.000	lb.	.200	12.00	
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	4.501	1.06	
- Irrigation	0.800	Hour	3.799	3.04	
Total FIRST CUTTING				126.24	
SECOND CUTTING					
NITROGEN (DRY)	60.000	lb.	.200	12.00	
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	4.501	1.66	
Total SECOND CUTTING				85.05	
THIRD CUTTING					
NITROGEN (DRY)	60.000	lb.	.200	12.00	
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	4.501	1.06	
- Irrigation	0.400	Hour	3.799	1.52	
Total THIRD CUTTING				99.19	
FOURTH CUTTING					
NITROGEN (DRY)	60.000	lb.	.200	12.00	
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	4.501	1.06	
- Irrigation	0.400	Hour	3.799	1.52	
Total FOURTH CUTTING				99.19	
FIFTH CUTTING					
NITROGEN (DRY)	60.000	lb.	.200	12.00	
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	4.501	1.06	
- Irrigation	0.400	Hour	3.799	1.52	
Total FIFTH CUTTING				99.19	
Interest - OC Borrowed	13.253	Dol.	0.110	1.46	
Total VARIABLE COST				510.32	
Break-Even Price, Total Variable Cost \$ 51.03 per ton of HAY					
GROSS INCOME minus VARIABLE COST				139.68	
FIXED COST Description	Unit			Total	
MISC ADMIN O/H	acre			8.00	
Machinery and Equipment	Acre			14.93	
Irrigation	Acre			64.54	
Land	Acre			40.00	
Perennial Crop	Acre			16.46	
Total FIXED Cost				143.93	
Break-Even Price, Total Cost \$ 65.42 per ton of HAY					
Total of ALL Cost				654.25	
NET PROJECTED RETURNS				-4.25	

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 April 8, 1989.

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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	HEIGHT PER HEAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
05/06/89	FIRST CUTTING	A	HAY BERMUDA	2.0000	.0000	C	.00	Y
06/11/89	SECOND CUTTING	A	HAY BERMUDA	2.0000	.0000	C	.00	Y
07/16/89	THIRD CUTTING	A	HAY BERMUDA	2.0000	.0000	C	.00	Y
08/21/89	FOURTH CUTTING	A	HAY BERMUDA	2.0000	.0000	C	.00	Y
09/26/89	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
02/16/89	FIRST CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
02/16/89	FIRST CUTTING	E	PHOSPHATE	60.0000	C	V	.00
02/16/89	FIRST CUTTING	M	APPLY.FERTILIZER	1.0000			.00
03/16/89	FIRST CUTTING	O	IRRIGATION	4.0000			.00
04/16/89	FIRST CUTTING	O	IRRIGATION	4.0000			.00
05/01/89	FIRST CUTTING	M	PICKUP TRUCK 3/4 TON	1.0000			.00
05/06/89	FIRST CUTTING	G	MOW, RAKE & BALE	66.6600			.00
05/06/89	FIRST CUTTING	G	CUSTOM HAULING HAY	66.6600			.00
05/11/89	SECOND CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
05/11/89	SECOND CUTTING	M	APPLY.FERTILIZER	1.0000			.00
06/01/89	SECOND CUTTING	M	PICKUP TRUCK 3/4 TON	5.0000			.00
06/11/89	THIRD CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
06/11/89	SECOND CUTTING	G	MOW, RAKE & BALE	66.6600	C	V	.00
06/11/89	SECOND CUTTING	G	CUSTOM HAULING HAY	66.6600	C	V	.00
06/16/89	THIRD CUTTING	M	APPLY.FERTILIZER	1.0000			.00
06/21/89	THIRD CUTTING	O	IRRIGATION	4.0000			.00
07/01/89	THIRD CUTTING	M	PICKUP TRUCK 3/4 TON	1.0000			.00
07/01/89		E	MISC ADMIN O/H	.5000		F	.00
07/16/89	THIRD CUTTING	G	CUSTOM HAULING HAY	66.6600	C	V	.00
07/16/89	THIRD CUTTING	G	MOW, RAKE & BALE	66.6600	C	V	.00
07/21/89	FOURTH CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
07/21/89	FOURTH CUTTING	M	APPLY.FERTILIZER	1.0000			.00
07/26/89	FOURTH CUTTING	O	IRRIGATION	4.0000			.00
08/01/89	FOURTH CUTTING	M	PICKUP TRUCK 3/4 TON	1.0000			.00
08/21/89	FOURTH CUTTING	G	MOW, RAKE & BALE	66.6600	C	V	.00
08/21/89	FOURTH CUTTING	G	CUSTOM HAULING HAY	66.6600	C	V	.00
08/26/89	FIFTH CUTTING	M	APPLY.FERTILIZER	1.0000			.00
08/26/89	FIFTH CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
08/31/89	FIFTH CUTTING	O	IRRIGATION	4.0000			.00
09/01/89	FIFTH CUTTING	M	PICKUP TRUCK 3/4 TON	1.0000			.00
09/26/89	FIFTH CUTTING	G	MOW, RAKE & BALE	66.6600	C	V	.00
09/26/89	FIFTH CUTTING	G	CUSTOM HAULING HAY	66.6600	C	V	.00
10/01/89	FIFTH CUTTING	L	BERMUDA HAY IRRIG.	1.0000		F	.00
10/01/89	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)
1989 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.	.200	12.00	_____
NITROGEN (ANHY)	60.000	lb.	.102	6.12	_____
SEED	40.000	lb.	.320	12.80	_____
NITROGEN (ANHY)	60.000	lb.	.102	6.12	_____
NITROGEN (ANHY)	60.000	lb.	.102	6.12	_____
Fuel & Lube - Machinery		Acre		10.96	_____
- Irrigation		Acre		44.49	_____
Repairs - Machinery		Acre		2.37	_____
- Irrigation		Acre		9.63	_____
Labor - Machinery	2.415	Hour	4.501	10.87	_____
- Irrigation	1.600	Hour	3.799	6.08	_____
Interest - OC Borrowed	25.465	Dol.	0.110	2.80	_____
Total VARIABLE COST				130.36	_____
Break-Even Price, Total Variable Cost \$ 0.21 per days of PASTURE*					
GROSS INCOME minus VARIABLE COST				49.64	_____
FIXED COST Description =====	Unit =====	Total =====			
MISC ADMIN O/H	acre	8.00			_____
Machinery and Equipment	Acre	31.48			_____
Irrigation	Acre	51.63			_____
Land	Acre	40.00			_____
Total FIXED Cost		131.11			_____
Break-Even Price, Total Cost \$ 0.43 per days of PASTURE*					
Total of ALL Cost				261.47	_____
NET PROJECTED RETURNS				-81.47	_____

Grazing is based on the number of Animal Unit Days.

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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	HEIGHT PER HEAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
04/02/89		A	PASTURE*	SORGHUM	50.0000	.0000	C	.00 Y
05/02/89		A	PASTURE*	SORGHUM	100.0000	.0000	C	.00 Y
06/02/89		A	PASTURE*	SORGHUM	100.0000	.0000	C	.00 Y
07/02/89		A	PASTURE*	SORGHUM	100.0000	.0000	C	.00 Y
08/02/89		A	PASTURE*	SORGHUM	100.0000	.0000	C	.00 Y
09/02/89		A	PASTURE*	SORGHUM	100.0000	.0000	C	.00 Y
10/02/89		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
11/06/88		M	SHREDDING	1.0000			.00
11/11/88		M	CHISELING	1.0000			.00
11/16/88		M	DISC OFFSET 12 FT	1.0000			.00
11/21/88		M	PLANING LAND	.2000			.00
11/26/88		M	DISC OFFSET 12 FT	.2000			.00
02/06/89		E	PHOSPHATE	60.0000	C	V	.00
02/06/89		M	APPLY.FERTILIZER	1.0000			.00
02/11/89		E	NITROGEN (ANHY)	60.0000	C	V	.00
02/11/89		M	ANHYDROUS APPL.	1.0000			.00
02/12/89		E	SEED SORGFORG	40.0000	C	V	.00
02/12/89		M	DRILLING	1.0000			.00
03/16/89		O	IRRIGATION	4.0000			.00
05/01/89		M	PICKUP TRUCK 3/4 TON	21.0000			.00
05/16/89		E	NITROGEN (ANHY)	60.0000	C	V	.00
05/16/89		M	ANHYDROUS APPL.	1.0000			.00
06/16/89		O	IRRIGATION	4.0000			.00
07/01/89		E	MISC ADMIN O/H	.5000		F	.00
07/16/89		E	NITROGEN (ANHY)	60.0000	C	V	.00
07/16/89		M	ANHYDROUS APPL.	1.0000			.00
07/21/89		O	IRRIGATION	4.0000			.00
08/26/89		O	IRRIGATION	4.0000			.00
11/01/89		K	LAND - CASH RENT SORGHUMI	1.0000	C	F	.00

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OATS FOR GRAZING, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1989 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.	.200	12.00	_____
NITROGEN (ANHY)	60.000	lb.	.102	6.12	_____
SEED	64.000	lb.	.150	9.60	_____
NITROGEN (ANHY)	60.000	lb.	.102	6.12	_____
Fuel & Lube - Machinery		Acre		8.91	_____
- Irrigation		Acre		33.37	_____
Repairs - Machinery		Acre		2.03	_____
- Irrigation		Acre		7.22	_____
Labor - Machinery	2.001	Hour	4.501	9.00	_____
- Irrigation	1.200	Hour	3.800	4.56	_____
Interest - OC Borrowed	17.838	Dol.	0.110	1.96	_____
Total VARIABLE COST				100.90	_____
Break-Even Price, Total Variable Cost \$ 0.25 per days of GRAZING*					
GROSS INCOME minus VARIABLE COST				19.10	_____
FIXED COST Description =====	Unit =====	Total =====			
MISC ADMIN O/H	acre	8.00			_____
Machinery and Equipment	Acre	26.23			_____
Irrigation	Acre	38.73			_____
Land	Acre	25.00			_____
Total FIXED Cost		97.96			_____
Break-Even Price, Total Cost \$ 0.49 per days of GRAZING*					
Total of ALL Cost				198.86	_____
NET PROJECTED RETURNS				-78.86	_____

Grazing is based on the number of Animal Unit Days.

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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.
11/02/88		A	GRAZING*	OATS	80.0000	.0000	C	.00
12/02/88		A	GRAZING*	OATS	80.0000	.0000	C	.00
01/02/89		A	GRAZING*	OATS	80.0000	.0000	C	.00
02/02/89		A	GRAZING*	OATS	80.0000	.0000	C	.00
03/02/89		A	GRAZING*	OATS	80.0000	.0000	C	.00

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
07/16/88		M	CHISELING	1.0000			.00
08/11/88		M	DISC OFFSET 12 FT	1.0000			.00
08/16/88		M	PLANING LAND	.2000			.00
08/21/88		M	DISC OFFSET 12 FT	.2000			.00
09/21/88		E	PHOSPHATE	60.0000	C	V	.00
09/21/88		M	APPLY.FERTILIZER	1.0000			.00
09/26/88		E	NITROGEN (ANHY)	60.0000	C	V	.00
09/26/88		M	ANHYDROUS APPL.	1.0000			.00
10/06/88		E	SEED OATS	64.0000	C	V	.00
10/06/88		M	DRILLING	1.0000			.00
10/21/88		O	IRRIGATION	4.0000			.00
11/01/88		M	PICKUP TRUCK 3/4 TON	21.0000			.00
12/16/88		O	IRRIGATION	4.0000			.00
01/16/89		E	NITROGEN (ANHY)	60.0000	C	V	.00
01/16/89		M	ANHYDROUS APPL.	1.0000			.00
02/16/89		O	IRRIGATION	4.0000			.00
04/01/89		K	SM. GRAINS PAST.	1.0000	C	V	.00
04/01/89		E	MISC ADMIN O/H	.5000		F	.00

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FORAGE SORGHUM HAY, DRYLAND
Southwest Texas District-13 (Wintergarden Region)
1989 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.	.200	8.00	
NITROGEN (ANHY)	40.000	lb.	.102	4.08	
SEED	30.000	lb.	.320	9.60	
Fuel & Lube - Machinery		Acre		7.38	
Repairs - Machinery		Acre		1.77	
Labor - Machinery	1.483	Hour	4.501	6.67	
Total PLANTING				37.51	
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.	.102	4.08	
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	4.501	0.68	
Total SECOND CUTTING				75.18	
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	14.715	Dol.	0.110	1.62	
Total VARIABLE COST				200.93	
Break-Even Price, Total Variable Cost \$ 44.65 per ton of HAY					
GROSS INCOME minus VARIABLE COST				91.57	
FIXED COST Description =====		Unit =====		Total =====	
MISC ADMIN O/H		acre		4.80	
Machinery and Equipment		Acre		23.48	
Land		Acre		15.00	
Total FIXED Cost				43.28	
Break-Even Price, Total Cost \$ 54.26 per ton of HAY					
Total of ALL Cost				244.21	
NET PROJECTED RETURNS				48.29	

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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.
05/06/89	FIRST CUTTING	A	HAY SORGHUM	1.0000	.0000	C	.00	Y
07/01/89	SECOND CUTTING	A	HAY SORGHUM	2.0000	.0000	C	.00	Y
09/21/89	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
10/16/88	PLANTING	M	SHREDDING	1.0000			.00
11/11/88	PLANTING	M	CHISELING	1.0000			.00
11/21/88	PLANTING	M	DISC OFFSET 12 FT	1.0000			.00
02/11/89	PLANTING	E	PHOSPHATE	40.0000	C	V	.00
02/11/89	PLANTING	M	APPLY.FERTILIZER	1.0000			.00
02/13/89	PLANTING	E	NITROGEN (ANHY)	40.0000	C	V	.00
02/13/89	PLANTING	M	ANHYDROUS APPL.	1.0000			.00
02/16/89	PLANTING	E	SEED SORGFORG	30.0000	C	V	.00
02/16/89	PLANTING	M	DRILLING	1.0000			.00
04/16/89	PLANTING	M	PICKUP TRUCK 3/4 TON	5.0000			.00
05/06/89	FIRST CUTTING	G	MOW, RAKE & BALE	33.0000	C	V	.00
05/06/89	FIRST CUTTING	G	CUSTOM HAULING HAY	33.0000	C	V	.00
05/11/89	SECOND CUTTING	E	NITROGEN (ANHY)	40.0000	C	V	.00
05/11/89	SECOND CUTTING	M	ANHYDROUS APPL.	1.0000			.00
07/01/89	SECOND CUTTING	G	MOW, RAKE & BALE	66.0000	C	V	.00
07/01/89	SECOND CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
07/01/89		E	MISC ADMIN O/H	.3000		F	.00
09/21/89	THIRD CUTTING	G	MOW, RAKE & BALE	49.5000	C	V	.00
09/21/89	THIRD CUTTING	G	CUSTOM HAULING HAY	49.5000	C	V	.00
10/01/89	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)
1989 Projected Costs and Returns per Acre

<u>GROSS INCOME Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>\$ / Unit</u>	<u>Total</u>	<u>Your Estimate</u>
HAY SORGHUM	10.000	ton	65.0000	650.00	
Total GROSS Income				650.00	
<u>VARIABLE COST Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>\$ / Unit</u>	<u>Total</u>	
PLANTING					
PHOSPHATE	60.000	lb.	.200	12.00	
NITROGEN (ANHY)	60.000	lb.	.102	6.12	
SEED	40.000	lb.	.320	12.80	
Fuel & Lube - Machinery		Acre		7.36	
- Irrigation		Acre		11.12	
Repairs - Machinery		Acre		1.75	
- Irrigation		Acre		2.41	
Labor - Machinery	1.942	Hour	4.501	8.74	
- Irrigation	0.400	Hour	3.799	1.52	
Total PLANTING				63.82	
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	3.799	1.52	
Total FIRST CUTTING				84.35	
SECOND CUTTING					
NITROGEN (ANHY)	60.000	lb.	.102	6.12	
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	4.501	0.68	
Total SECOND CUTTING				77.22	
THIRD CUTTING					
NITROGEN (ANHY)	60.000	lb.	.102	6.12	
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	4.501	0.68	
- Irrigation	0.400	Hour	3.799	1.52	
Total THIRD CUTTING				92.27	
FOURTH CUTTING					
NITROGEN (ANHY)	60.000	lb.	.102	6.12	
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	4.501	0.68	
- Irrigation	0.400	Hour	3.799	1.52	
Total FOURTH CUTTING				92.27	
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	3.799	1.52	
Total FIFTH CUTTING				84.35	
Interest - OC Borrowed	23.235	Dol.	0.110	2.56	
Total VARIABLE COST				496.84	
Break-Even Price, Total Variable Cost \$ 49.68 per ton of HAY					
GROSS INCOME minus VARIABLE COST				153.16	
<u>FIXED COST Description</u>	<u>Unit</u>	<u>Total</u>			
MISC ADMIN O/H	acre	8.00			
Machinery and Equipment	Acre	28.99			
Irrigation	Acre	64.54			
Land	Acre	40.00			
Total FIXED Cost		141.53			
Break-Even Price, Total Cost \$ 63.83 per ton of HAY					
Total of ALL Cost				638.37	
NET PROJECTED RETURNS				11.63	

Projections for Planning Purposes Only
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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	HEIGHT PER HEAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
05/06/89	FIRST CUTTING	A	HAY SORGHUM	2.0000	.0000	C	.00	Y
06/11/89	SECOND CUTTING	A	HAY SORGHUM	2.0000	.0000	C	.00	Y
07/16/89	THIRD CUTTING	A	HAY SORGHUM	2.0000	.0000	C	.00	Y
08/21/89	FOURTH CUTTING	A	HAY SORGHUM	2.0000	.0000	C	.00	Y
09/26/89	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
11/06/88	PLANTING	M	SHREDDING	1.0000			.00
11/11/88	PLANTING	M	CHISELING	1.0000			.00
11/16/88	PLANTING	M	DISC OFFSET 8 FT	.2000			.00
11/21/88	PLANTING	M	PLANING LAND	.2000			.00
11/26/88	PLANTING	M	DISC OFFSET 8 FT	.2000			.00
02/11/89	PLANTING	E	PHOSPHATE	60.0000	C	V	.00
02/11/89	PLANTING	M	APPLY.FERTILIZER	1.0000			.00
02/13/89	PLANTING	E	NITROGEN (ANHY)	60.0000	C	V	.00
02/13/89	PLANTING	M	ANHYDROUS APPL.	1.0000			.00
02/16/89	PLANTING	E	SEED SORGFORG	40.0000	C	V	.00
02/16/89	PLANTING	M	DRILLING	1.0000			.00
02/26/89	PLANTING	O	IRRIGATION	4.0000			.00
03/16/89	PLANTING	M	PICKUP TRUCK 3/4 TON	20.0000			.00
04/26/89	FIRST CUTTING	O	IRRIGATION	4.0000			.00
05/06/89	FIRST CUTTING	G	MOW, RAKE & BALE	66.0000	C	V	.00
05/06/89	FIRST CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
05/11/89	SECOND CUTTING	E	NITROGEN (ANHY)	60.0000	C	V	.00
05/11/89	SECOND CUTTING	M	ANHYDROUS APPL.	1.0000			.00
06/11/89	SECOND CUTTING	G	MOW, RAKE & BALE	66.0000	C	V	.00
06/11/89	SECOND CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
06/16/89	THIRD CUTTING	E	NITROGEN (ANHY)	60.0000	C	V	.00
06/16/89	THIRD CUTTING	M	ANHYDROUS APPL.	1.0000			.00
06/21/89	THIRD CUTTING	O	IRRIGATION	4.0000	C	V	.00
07/16/89	THIRD CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
07/16/89	THIRD CUTTING	G	MOW, RAKE & BALE	66.0000	C	V	.00
07/21/89	FOURTH CUTTING	M	ANHYDROUS APPL.	1.0000			.00
07/21/89	FOURTH CUTTING	E	NITROGEN (ANHY)	60.0000	C	V	.00
07/26/89	FOURTH CUTTING	O	IRRIGATION	4.0000	C	V	.00
08/21/89	FOURTH CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
08/21/89	FOURTH CUTTING	G	MOW, RAKE & BALE	66.0000	C	V	.00
08/26/89	FIFTH CUTTING	O	IRRIGATION	4.0000	C	V	.00
09/26/89	FIFTH CUTTING	G	MOW, RAKE & BALE	66.0000	C	V	.00
09/26/89	FIFTH CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
10/01/89		K	LAND - CASH RENT SORGHUM	1.0000		F	.00
10/01/89		E	MISC ADMIN O/H	.5000		F	.00

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CORN FOR SILAGE, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1989 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.	.200	16.00	
NITROGEN (ANHY)	160.000	lb.	.102	16.32	
SEED	20.000	lb.	1.000	20.00	
HERBICIDE	1.000	acre	7.500	7.50	
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		3.27	
- Irrigation		Acre		9.63	
Labor - Machinery	2.778	Hour	4.501	12.50	
- Irrigation	1.600	Hour	3.799	6.08	
Total PREHARVEST				161.05	
Interest - OC Borrowed	79.671	Dol.	0.110	8.76	
Total VARIABLE COST				169.81	
Break-Even Price, Total Variable Cost \$ 11.32 per ton of CORN SILAGE					
GROSS INCOME minus VARIABLE COST				100.19	
FIXED COST Description =====		Unit =====		Total =====	
MISC ADMIN O/H		acre		8.00	
Machinery and Equipment		Acre		46.46	
Irrigation		Acre		51.63	
Land		Acre		15.00	
Total FIXED Cost				121.10	
Break-Even Price, Total Cost \$ 19.39 per ton of CORN SILAGE					
Total of ALL Cost				290.91	
NET PROJECTED RETURNS				-20.91	

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

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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	HEIGHT PER HEAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
07/16/89	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
08/11/88	PREHARVEST	M	CHISELING	1.0000			.00
08/16/88	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
08/21/88	PREHARVEST	M	PLANING LAND	.2000			.00
08/26/88	PREHARVEST	M	DISC OFFSET 12 FT	.2000			.00
10/16/88	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
11/16/88	PREHARVEST	M	BEDDING 6 ROW	1.0000			.00
12/16/88	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
12/21/88	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
02/06/89	PREHARVEST	E	PHOSPHATE	80.0000	C	V	.00
02/06/89	PREHARVEST	M	APPLY.FERTILIZER	1.0000			.00
02/08/89	PREHARVEST	E	NITROGEN (ANHY)	160.0000	C	V	.00
02/08/89	PREHARVEST	M	ANHYDROUS APPL.	1.0000			.00
02/11/89	PREHARVEST	E	SEED CORN-SIL	20.0000	C	V	.00
02/11/89	PREHARVEST	M	PLANTING 6 ROW	1.0000			.00
02/16/89	PREHARVEST	E	HERBICIDE CORN	1.0000	C	V	.00
02/16/89	PREHARVEST	G	HERBICIDE APPL.	1.0000	C	V	.00
02/16/89	PREHARVEST	E	INSECTICIDE CORN	1.0000	C	V	.00
02/21/89	PREHARVEST	O	IRRIGATION	4.0000			.00
03/16/89	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
03/21/89	PREHARVEST	O	IRRIGATION	4.0000			.00
04/16/89	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
04/21/89	PREHARVEST	O	IRRIGATION	4.0000			.00
05/21/89	PREHARVEST	O	IRRIGATION	4.0000			.00
07/01/89	PREHARVEST	E	MISC ADMIN O/H	.5000		F	.00
08/01/89	PREHARVEST	K	LAND - CASH RENT FORAGE	1.0000		F	.00

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