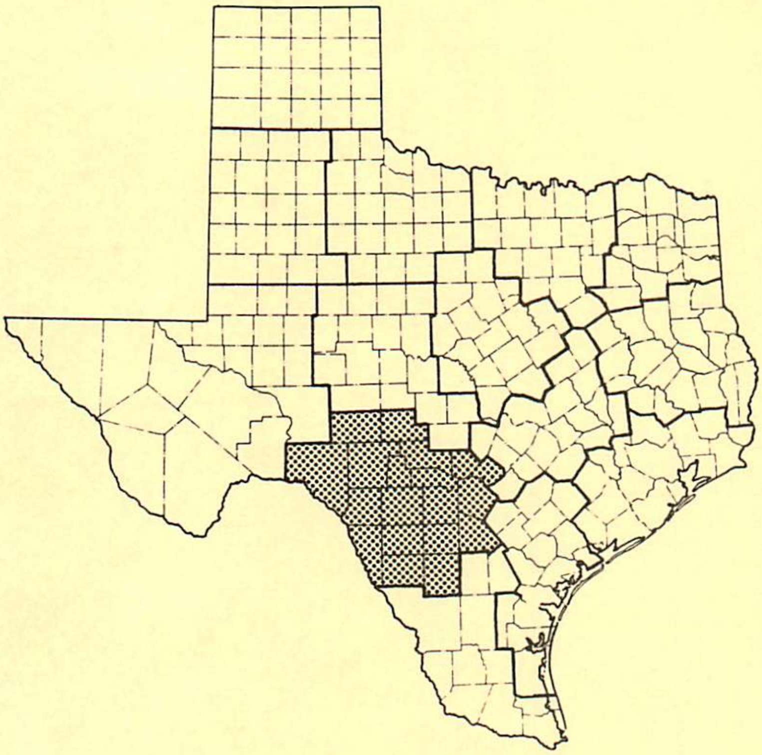
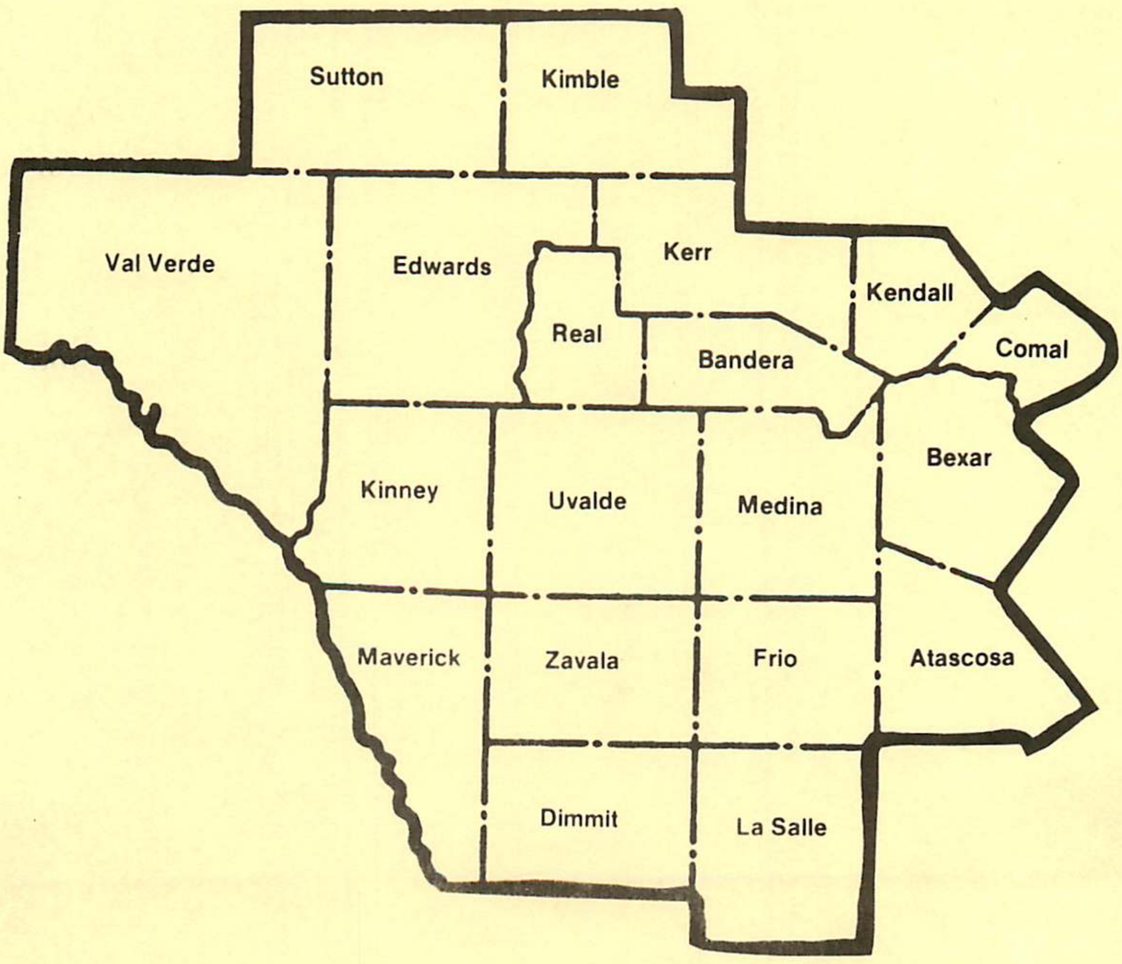
SOUTHWEST TEXAS

DISTRICT 13





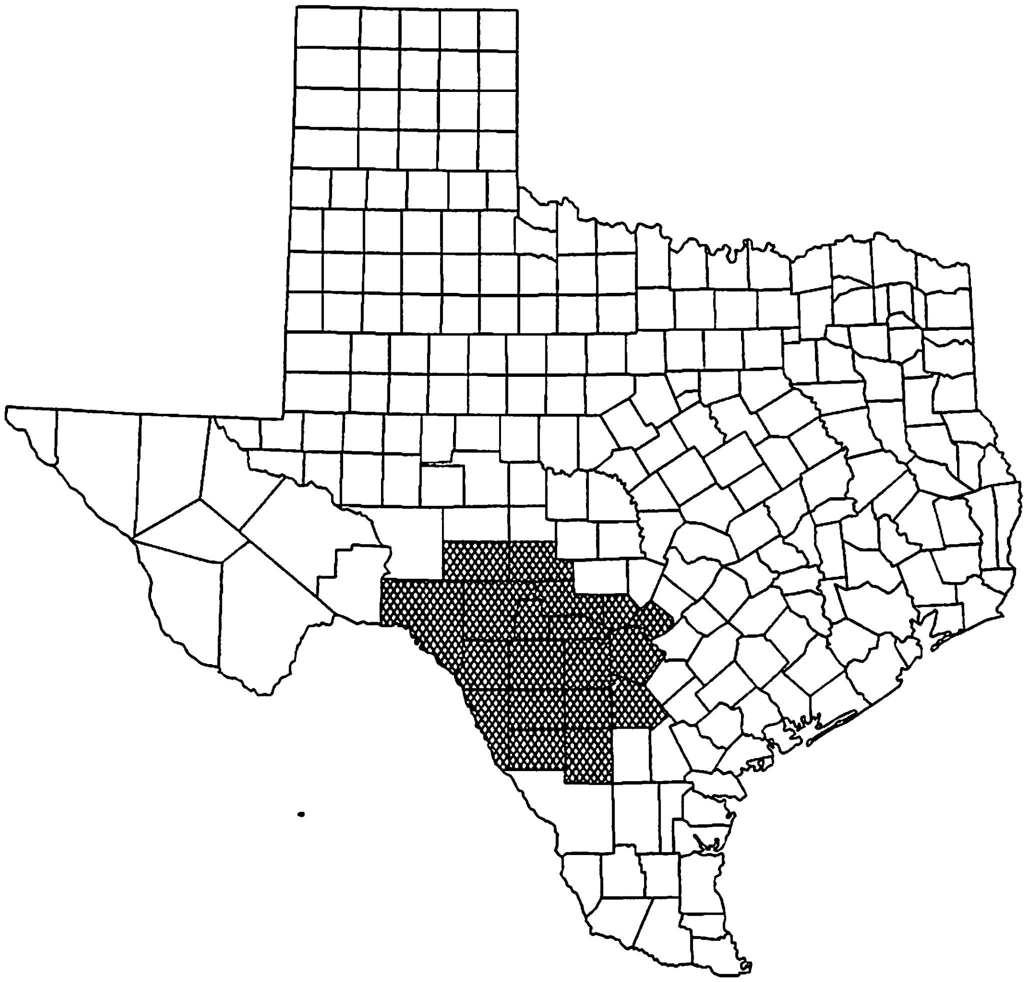
B-1241(C13)

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 1986



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15M - 2-86, New

ECO 7-2

COASTAL BERMUDA PASTURE ESTABLISHMENT, DRYLAND

Southwest Texas District-13 (Wintergarden Region)
1986 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
GRAZING BERMUDA	100.000	days	0.4000	40.00	
Total GROSS Income				40.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
NITROGEN (DRY)	50.000	lb.	.210	10.50	
PHOSPHATE	30.000	lb.	.210	6.30	
SPRIG &SPRIGGING	1.000	acre	35.000	35.00	
HERBICIDE	1.000	acre	2.400	2.40	
Fuel & Lube - Machinery		Acre		2.66	
Repairs - Machinery		Acre		1.39	
Labor - Machinery	1.517	Hour	5.001	7.59	
Interest - OC Borrowed	33.114	Dol.	0.125	4.14	
Total VARIABLE COST				69.97	

Break-Even Price, Total Variable Cost $ 0.69 per days of GRAZING

GROSS INCOME minus VARIABLE COST	-29.97	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	4.80	
Machinery	Acre	17.53	
Land	Acre	10.00	
Total FIXED Cost		32.33	

Break-Even Price, Total Cost $ 1.02 per days of GRAZING

Total of ALL Cost	102.30	
NET PROJECTED RETURNS	-62.30	

Information presented is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm or ranch operation. These projections were collected and developed by staff members of the Texas Agricultural Extension Service and approved for publication.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
05/01/86		A	GRAZING	BERMUDA	10.0000	.0000	C	.00	Y
06/01/86		A	GRAZING	BERMUDA	15.0000	.0000	C	.00	Y
07/01/86		A	GRAZING	BERMUDA	20.0000	.0000	C	.00	Y
08/01/86		A	GRAZING	BERMUDA	15.0000	.0000	C	.00	Y
09/01/86		A	GRAZING	BERMUDA	20.0000	.0000	C	.00	Y
10/01/86		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
02/10/86		M	PLOWING	MLDBOARD	1.0000			.00
02/20/86		M	DISC OFFSET	12 FT	1.0000			.00
03/10/86		E	NITROGEN (DRY)		50.0000	C	V	.00
03/10/86		E	PHOSPHATE		30.0000	C	V	.00
03/10/86		M	APPLY.FERTILIZER		1.0000			.00
03/20/86		G	SPRIG &SPRIGGING		1.0000	C	V	.00
04/15/86		E	HERBICIDE	HAY	1.0000	C	V	.00
04/15/86		M	SPRAYING	12 FT	1.0000			.00
04/30/86		M	PICKUP TRUCK	3/4 TON	5.0000			.00
06/30/86		E	MISC ADMIN O/H		.3000		F	.00
10/31/86		K	LAND - CASH RENT	PASTURE	1.0000		F	.00

COASTAL BERMUDA PASTURE, DRYLAND
Southwest Texas District-13 (Wintergarden Region)
1986 Projected Costs and Returns per Acre

GROSS INCOME Description		Quantity	Unit	$ / Unit	Total	Your Estimate
GRAZING	BERMUDA	200.000	days	0.4000	80.00	
Total GROSS Income					80.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
NITROGEN (DRY)	30.000	lb.	.210	6.30	
PHOSPHATE	30.000	lb.	.210	6.30	
HERBICIDE	1.000	acre	2.400	2.40	
NITROGEN (DRY)	30.000	lb.	.210	6.30	
NITROGEN (DRY)	30.000	lb.	.210	6.30	
Fuel & Lube - Machinery		Acre		1.18	
Repairs - Machinery		Acre		0.72	
Labor - Machinery	1.175	Hour	5.001	5.88	
Interest - OC Borrowed	2.722	Dol.	0.125	0.34	
Total VARIABLE COST				35.72	

Break-Even Price, Total Variable Cost $ 0.17 per days of GRAZING

	Total	Your Estimate
GROSS INCOME minus VARIABLE COST	44.28	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	4.80	
Machinery	Acre	9.41	
Land	Acre	10.00	
Perennial Crop	Acre	9.79	
Total FIXED Cost		34.00	

Break-Even Price, Total Cost $ 0.34 per days of GRAZING

	Total	Your Estimate
Total of ALL Cost	69.72	
NET PROJECTED RETURNS	10.28	

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

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
03/01/86		A	GRAZING	BERMUDA	10.0000	.0000	C	.00	Y
04/01/86		A	GRAZING	BERMUDA	20.0000	.0000	C	.00	Y
05/01/86		A	GRAZING	BERMUDA	30.0000	.0000	C	.00	Y
06/01/86		A	GRAZING	BERMUDA	25.0000	.0000	C	.00	Y
07/01/86		A	GRAZING	BERMUDA	20.0000	.0000	C	.00	Y
08/01/86		A	GRAZING	BERMUDA	20.0000	.0000	C	.00	Y
09/01/86		A	GRAZING	BERMUDA	30.0000	.0000	C	.00	Y
10/01/86		A	GRAZING	BERMUDA	25.0000	.0000	C	.00	Y
11/01/86		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
02/10/86		E	NITROGEN (DRY)		30.0000	C	V	.00
02/10/86		E	PHOSPHATE		30.0000	C	V	.00
02/10/86		M	APPLY.FERTILIZER		1.0000			.00
02/15/86		E	HERBICIDE	HAY	1.0000	C	V	.00
02/15/86		M	SPRAYING	12 FT	1.0000			.00
02/20/86		M	CHISELING		.2500			.00
05/31/86		M	PICKUP TRUCK	3/4 TON	5.0000			.00
06/15/86		E	NITROGEN (DRY)		30.0000	C	V	.00
06/15/86		M	APPLY.FERTILIZER		1.0000			.00
06/30/86		E	MISC ADMIN O/H		.3000		F	.00
08/15/86		E	NITROGEN (DRY)		30.0000	C	V	.00
08/15/86		M	APPLY.FERTILIZER		1.0000			.00
11/30/86		K	LAND - CASH RENT	PASTURE	1.0000	C	F	.00
11/30/86		L	BERMUDA PASTURE	DRYLAND	1.0000		F	.00

COASTAL BERMUDA PASTURE, ESTABLISHMENT, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1986 Projected Costs and Returns per Acre

GROSS INCOME Description		Quantity	Unit	$ / Unit	Total	Your Estimate
GRAZING	BERMUDA	240.000	days	0.4000	96.00	
Total GROSS Income					96.00	
VARIABLE COST Description		**Quantity**	**Unit**	**$ / Unit**	**Total**	
HERBICIDE		1.000	acre	2.400	2.40	
NITROGEN (DRY)		60.000	lb.	.210	12.60	
PHOSPHATE		60.000	lb.	.210	12.60	
SPRIG &SPRIGGING		1.000	acre	35.000	35.00	
NITROGEN (DRY)		60.000	lb.	.210	12.60	
NITROGEN (DRY)		60.000	lb.	.210	12.60	
Fuel & Lube	- Machinery		Acre		3.02	
	- Irrigation		Acre		59.14	
Repairs	- Machinery		Acre		1.70	
	- Irrigation		Acre		9.72	
Labor	- Machinery	1.923	Hour	5.001	9.62	
	- Irrigation	1.600	Hour	4.000	6.40	
Interest	- OC Borrowed	64.352	Dol.	0.125	8.04	
Total VARIABLE COST					185.43	

Break-Even Price, Total Variable Cost $ 0.77 per days of GRAZING

GROSS INCOME minus VARIABLE COST		-89.43	
FIXED COST Description	**Unit**	**Total**	
MISC ADMIN O/H	acre	8.00	
Machinery	Acre	20.81	
Irrigation	Acre	32.54	
Land	Acre	25.00	
Total FIXED Cost		86.35	

Break-Even Price, Total Cost $ 1.13 per days of GRAZING

Total of ALL Cost	271.78	
NET PROJECTED RETURNS	-175.78	

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
06/01/86		A	GRAZING	BERMUDA	60.0000	.0000	C	.00	Y
07/01/86		A	GRAZING	BERMUDA	60.0000	.0000	C	.00	Y
08/01/86		A	GRAZING	BERMUDA	60.0000	.0000	C	.00	Y
09/01/86		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
02/10/86		M	PLOWING	MLDBOARD	1.0000			.00
02/15/86		M	DISC OFFSET	12 FT	1.0000			.00
02/20/86		E	HERBICIDE	HAY	1.0000	C	V	.00
02/20/86		M	SPRAYING	12 FT	1.0000			.00
02/25/86		E	NITROGEN (DRY)		60.0000	C	V	.00
02/25/86		E	PHOSPHATE		60.0000	C	V	.00
02/25/86		M	APPLY.FERTILIZER		1.0000			.00
02/28/86		O	IRRIGATION		4.0000			.00
03/10/86		G	SPRIG &SPRIGGING		1.0000	C	V	.00
03/31/86		M	PICKUP TRUCK	3/4 TON	5.0000			.00
04/20/86		O	IRRIGATION		4.0000			.00
06/15/86		M	APPLY.FERTILIZER		1.0000			.00
06/15/86		E	NITROGEN (DRY)		60.0000	C	V	.00
06/20/86		O	IRRIGATION		4.0000			.00
06/30/86		E	MISC ADMIN O/H		.5000		F	.00
08/15/86		M	APPLY.FERTILIZER		1.0000			.00
08/15/86		E	NITROGEN (DRY)		60.0000	C	V	.00
08/20/86		O	IRRIGATION		4.0000			.00
09/30/86		K	LAND - CASH RENT	PASTUREI	1.0000	C	F	.00

COASTAL BERMUDA PASTURE, IRRIGATED

Southwest Texas District-13 (Wintergarden Region)
1986 Projected Costs and Returns per Acre

GROSS INCOME Description		Quantity	Unit	$ / Unit	Total	Your Estimate
GRAZING	BERMUDA	600.000	days	0.4000	240.00	
Total GROSS Income					240.00	

VARIABLE COST Description		Quantity	Unit	$ / Unit	Total	Your Estimate
NITROGEN (DRY)		60.000	lb.	.210	12.60	
PHOSPHATE		60.000	lb.	.210	12.60	
HERBICIDE		1.000	acre	2.400	2.40	
NITROGEN (DRY)		60.000	lb.	.210	12.60	
NITROGEN (DRY)		60.000	lb.	.210	12.60	
NITROGEN (DRY)		60.000	lb.	.210	12.60	
NITROGEN (DRY)		60.000	lb.	.210	12.60	
Fuel & Lube	- Machinery		Acre		1.83	
	- Irrigation		Acre		73.92	
Repairs	- Machinery		Acre		1.15	
	- Irrigation		Acre		12.15	
Labor	- Machinery	1.794	Hour	5.001	8.97	
	- Irrigation	2.000	Hour	4.000	8.00	
Interest	- OC Borrowed	16.156	Dol.	0.125	2.02	
Total VARIABLE COST					186.03	

Break-Even Price, Total Variable Cost $ 0.31 per days of GRAZING

GROSS INCOME minus VARIABLE COST	53.97	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	8.00	
Machinery	Acre	14.06	
Irrigation	Acre	40.68	
Land	Acre	25.00	
Perennial Crop	Acre	27.64	
Total FIXED Cost		115.39	

Break-Even Price, Total Cost $ 0.50 per days of GRAZING

Total of ALL Cost	301.42	
NET PROJECTED RETURNS	-61.42	

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
04/01/86		A	GRAZING	BERMUDA	50.0000	.0000	C	.00	Y
05/01/86		A	GRAZING	BERMUDA	100.0000	.0000	C	.00	Y
06/01/86		A	GRAZING	BERMUDA	100.0000	.0000	C	.00	Y
07/01/86		A	GRAZING	BERMUDA	100.0000	.0000	C	.00	Y
08/01/86		A	GRAZING	BERMUDA	100.0000	.0000	C	.00	Y
09/01/86		A	GRAZING	BERMUDA	100.0000	.0000	C	.00	Y
10/01/86		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
02/10/86		E	NITROGEN (DRY)		60.0000	C	V	.00
02/10/86		M	APPLY.FERTILIZER		1.0000			.00
02/10/86		E	PHOSPHATE		60.0000	C	V	.00
02/15/86		O	IRRIGATION		4.0000			.00
02/20/86		E	HERBICIDE	HAY	1.0000	C	V	.00
02/20/86		M	SPRAYING	12 FT	1.0000			.00
02/28/86		M	SHREDDING		1.0000			.00
04/20/86		O	IRRIGATION		4.0000			.00
04/30/86		M	PICKUP TRUCK	3/4 TON	5.0000			.00
05/15/86		E	NITROGEN (DRY)		60.0000	C	V	.00
05/15/86		M	APPLY.FERTILIZER		1.0000			.00
06/15/86		E	NITROGEN (DRY)		60.0000	C	V	.00
06/15/86		M	APPLY.FERTILIZER		1.0000			.00
06/20/86		O	IRRIGATION		4.0000			.00
06/30/86		E	MISC ADMIN O/H		.5000		F	.00
07/15/86		E	NITROGEN (DRY)		60.0000	C	V	.00
07/15/86		M	APPLY.FERTILIZER		1.0000			.00
07/20/86		O	IRRIGATION		4.0000			.00
08/15/86		E	NITROGEN (DRY)		60.0000	C	V	.00
08/15/86		M	APPLY.FERTILIZER		1.0000			.00
08/20/86		O	IRRIGATION		4.0000			.00
10/31/86		K	LAND - CASH RENT	PASTUREI	1.0000	C	F	.00
10/31/86		L	BERMUDA PASTURE	IRRIG.	1.0000		F	.00

COASTAL BERMUDA HAY, ESTABLISHMENT, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1986 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	Your Estimate
ESTABLISHMENT						
NITROGEN (DRY)		60.000	lb.	.210	12.60	
PHOSPHATE		60.000	lb.	.210	12.60	
SPRIG &SPRIGGING		1.000	acre	35.000	35.00	
HERBICIDE		1.000	acre	2.400	2.40	
Fuel & Lube	- Machinery		Acre		2.66	
	- Irrigation		Acre		29.57	
Repairs	- Machinery		Acre		1.39	
	- Irrigation		Acre		4.86	
Labor	- Machinery	1.517	Hour	5.001	7.59	
	- Irrigation	0.800	Hour	4.000	3.20	
Total ESTABLISHMENT					111.86	
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.	.210	12.60	
CUSTOM HAULING		33.000	bale	.150	4.95	
MOW, RAKE & BALE		33.000	bale	.900	29.70	
Fuel & Lube	- Machinery		Acre		0.18	
	- Irrigation		Acre		14.78	
Repairs	- Machinery		Acre		0.15	
	- Irrigation		Acre		2.43	
Labor	- Machinery	0.203	Hour	5.001	1.02	
	- Irrigation	0.400	Hour	4.000	1.60	
Total SECOND CUTTING					67.41	
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.	.210	12.60	
CUSTOM HAULING		33.000	bale	.150	4.95	
MOW, RAKE & BALE		33.000	bale	.900	29.70	
Fuel & Lube	- Machinery		Acre		0.18	
	- Irrigation		Acre		14.78	
Repairs	- Machinery		Acre		0.15	
	- Irrigation		Acre		2.43	
Labor	- Machinery	0.203	Hour	5.001	1.02	
	- Irrigation	0.400	Hour	4.000	1.60	
Total FOURTH CUTTING					67.41	
Interest	- OC Borrowed	63.180	Dol.	0.125	7.90	
Total VARIABLE COST					323.88	

Break-Even Price, Total Variable Cost $ 80.97 per ton of HAY

GROSS INCOME minus VARIABLE COST	-63.88	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	8.00	
Machinery	Acre	20.81	
Irrigation	Acre	32.54	
Land	Acre	40.00	
Total FIXED Cost		101.35	

Break-Even Price, Total Cost $ 106.30 per ton of HAY

Total of ALL Cost	425.23	
NET PROJECTED RETURNS	-165.23	

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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.
06/10/86	FIRST CUTTING	A	HAY	BERMUDA	1.0000	.0000	C	.00	Y
07/15/86	SECOND CUTTING	A	HAY	BERMUDA	1.0000	.0000	C	.00	Y
08/20/86	SECOND CUTTING	A	HAY	BERMUDA	1.0000	.0000	C	.00	Y
09/25/86	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
02/10/86	ESTABLISHMENT	M	PLOWING	MLDBOARD	1.0000			.00
02/15/86	ESTABLISHMENT	E	NITROGEN (DRY)		60.0000	C	V	.00
02/20/86	ESTABLISHMENT	M	DISC OFFSET	12 FT	1.0000			.00
02/25/86	ESTABLISHMENT	E	PHOSPHATE		60.0000	C	V	.00
02/25/86	ESTABLISHMENT	M	APPLY.FERTILIZER		1.0000			.00
02/28/86	ESTABLISHMENT	O	IRRIGATION		4.0000			.00
03/10/86	ESTABLISHMENT	G	SPRIG &SPRIGGING		1.0000	C	V	.00
04/15/86	ESTABLISHMENT	E	HERBICIDE	HAY	1.0000	C	V	.00
04/15/86	ESTABLISHMENT	M	SPRAYING	12 FT	1.0000			.00
04/20/86	ESTABLISHMENT	O	IRRIGATION		4.0000			.00
05/31/86	ESTABLISHMENT	M	PICKUP TRUCK	3/4 TON	5.0000			.00
06/10/86	FIRST CUTTING	G	MOW, RAKE & BALE		33.0000	C	V	.00
06/10/86	FIRST CUTTING	G	CUSTOM HAULING	HAY	33.0000	C	V	.00
06/15/86	SECOND CUTTING	E	NITROGEN (DRY)		60.0000	C	V	.00
06/15/86	SECOND CUTTING	M	APPLY.FERTILIZER		1.0000	C	V	.00
06/20/86	SECOND CUTTING	O	IRRIGATION		4.0000			.00
06/30/86		E	MISC ADMIN O/H		.5000		F	.00
07/15/86	SECOND CUTTING	G	CUSTOM HAULING	HAY	33.0000	C	V	.00
07/15/86	SECOND CUTTING	G	MOW, RAKE & BALE		33.0000	C	V	.00
08/20/86	THIRD CUTTING	G	CUSTOM HAULING	HAY	33.0000	C	V	.00
08/20/86	THIRD CUTTING	G	MOW, RAKE & BALE		33.0000	C	V	.00
08/25/86	FOURTH CUTTING	E	NITROGEN (DRY)		60.0000	C	V	.00
08/25/86	FOURTH CUTTING	M	APPLY.FERTILIZER		1.0000			.00
08/30/86	FOURTH CUTTING	O	IRRIGATION		4.0000			.00
09/25/86	FOURTH CUTTING	G	CUSTOM HAULING	HAY	33.0000	C	V	.00
09/25/86	FOURTH CUTTING	G	MOW, RAKE & BALE		33.0000	C	V	.00
09/30/86		K	LAND - CASH RENT	HAYI	1.0000		F	.00

COASTAL BERMUDA HAY, IRRIGATED

Southwest Texas District-13 (Wintergarden Region)
1986 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	Your Estimate
FIRST CUTTING						
NITROGEN (DRY)		60.000	lb.	.210	12.60	
PHOSPHATE		60.000	lb.	.210	12.60	
MOW, RAKE & BALE		66.660	bale	.900	59.99	
CUSTOM HAULING		66.660	bale	.150	9.99	
Fuel & Lube	- Machinery		Acre		0.23	
	- Irrigation		Acre		29.57	
Repairs	- Machinery		Acre		0.17	
	- Irrigation		Acre		4.86	
Labor	- Machinery	0.236	Hour	5.002	1.18	
	- Irrigation	0.800	Hour	4.000	3.20	
Total FIRST CUTTING					134.40	
SECOND CUTTING						
NITROGEN (DRY)		60.000	lb.	.210	12.60	
MOW, RAKE & BALE		66.660	bale	.900	59.99	
CUSTOM HAULING		66.660	bale	.150	9.99	
Fuel & Lube	- Machinery		Acre		0.41	
Repairs	- Machinery		Acre		0.23	
Labor	- Machinery	0.370	Hour	5.002	1.85	
Total SECOND CUTTING					85.09	
THIRD CUTTING						
NITROGEN (DRY)		60.000	lb.	.210	12.60	
CUSTOM HAULING		66.660	bale	.150	9.99	
MOW, RAKE & BALE		66.660	bale	.900	59.99	
Fuel & Lube	- Machinery		Acre		0.23	
	- Irrigation		Acre		14.78	
Repairs	- Machinery		Acre		0.17	
	- Irrigation		Acre		2.43	
Labor	- Machinery	0.236	Hour	5.002	1.18	
	- Irrigation	0.400	Hour	4.000	1.60	
Total THIRD CUTTING					102.98	
FOURTH CUTTING						
NITROGEN (DRY)		60.000	lb.	.210	12.60	
MOW, RAKE & BALE		66.660	bale	.900	59.99	
CUSTOM HAULING		66.660	bale	.150	9.99	
Fuel & Lube	- Machinery		Acre		0.23	
	- Irrigation		Acre		14.78	
Repairs	- Machinery		Acre		0.17	
	- Irrigation		Acre		2.43	
Labor	- Machinery	0.236	Hour	5.002	1.18	
	- Irrigation	0.400	Hour	4.000	1.60	
Total FOURTH CUTTING					102.98	
FIFTH CUTTING						
NITROGEN (DRY)		60.000	lb.	.210	12.60	
MOW, RAKE & BALE		66.660	bale	.900	59.99	
CUSTOM HAULING		66.660	bale	.150	9.99	
Fuel & Lube	- Machinery		Acre		0.23	
	- Irrigation		Acre		14.78	
Repairs	- Machinery		Acre		0.17	
	- Irrigation		Acre		2.43	
Labor	- Machinery	0.236	Hour	5.002	1.18	
	- Irrigation	0.400	Hour	4.000	1.60	
Total FIFTH CUTTING					102.98	
Interest	- OC Borrowed	13.241	Dol.	0.125	1.66	
Total VARIABLE COST					530.09	

Break-Even Price, Total Variable Cost $ 53.00 per ton of HAY

	Total	Your Estimate
GROSS INCOME minus VARIABLE COST	119.91	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	8.00	
Machinery	Acre	10.01	
Irrigation	Acre	40.68	
Land	Acre	40.00	
Perennial Crop	Acre	25.96	
Total FIXED Cost		124.64	

Break-Even Price, Total Cost $ 65.47 per ton of HAY

	Total	Your Estimate
Total of ALL Cost	654.73	
NET PROJECTED RETURNS	-4.73	

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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.
05/05/86	FIRST CUTTING	A	HAY	BERMUDA	2.0000	.0000	C	.00	Y
06/10/86	SECOND CUTTING	A	HAY	BERMUDA	2.0000	.0000	C	.00	Y
07/15/86	THIRD CUTTING	A	HAY	BERMUDA	2.0000	.0000	C	.00	Y
08/20/86	FOURTH CUTTING	A	HAY	BERMUDA	2.0000	.0000	C	.00	Y
09/25/86	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
02/15/86	FIRST CUTTING	E	NITROGEN (DRY)		60.0000	C	V	.00
02/15/86	FIRST CUTTING	E	PHOSPHATE		60.0000	C	V	.00
02/15/86	FIRST CUTTING	M	APPLY.FERTILIZER		1.0000			.00
03/15/86	FIRST CUTTING	O	IRRIGATION		4.0000			.00
04/15/86	FIRST CUTTING	O	IRRIGATION		4.0000			.00
04/30/86	FIRST CUTTING	M	PICKUP TRUCK	3/4 TON	1.0000			.00
05/05/86	FIRST CUTTING	G	MOW, RAKE & BALE		66.6600			.00
05/05/86	FIRST CUTTING	G	CUSTOM HAULING	HAY	66.6600			.00
05/10/86	SECOND CUTTING	E	NITROGEN (DRY)		60.0000	C	V	.00
05/10/86	SECOND CUTTING	M	APPLY.FERTILIZER		1.0000			.00
05/31/86	SECOND CUTTING	M	PICKUP TRUCK	3/4 TON	5.0000			.00
06/10/86	THIRD CUTTING	E	NITROGEN (DRY)		60.0000	C	V	.00
06/10/86	SECOND CUTTING	G	MOW, RAKE & BALE		66.6600	C	V	.00
06/10/86	SECOND CUTTING	G	CUSTOM HAULING	HAY	66.6600	C	V	.00
06/15/86	THIRD CUTTING	M	APPLY.FERTILIZER		1.0000			.00
06/20/86	THIRD CUTTING	O	IRRIGATION		4.0000			.00
06/30/86	THIRD CUTTING	M	PICKUP TRUCK	3/4 TON	1.0000			.00
06/30/86		E	MISC ADMIN O/H		.5000		F	.00
07/15/86	THIRD CUTTING	G	CUSTOM HAULING	HAY	66.6600	C	V	.00
07/15/86	THIRD CUTTING	G	MOW, RAKE & BALE		66.6600	C	V	.00
07/20/86	FOURTH CUTTING	E	NITROGEN (DRY)		60.0000	C	V	.00
07/20/86	FOURTH CUTTING	M	APPLY.FERTILIZER		1.0000			.00
07/25/86	FOURTH CUTTING	O	IRRIGATION		4.0000			.00
07/31/86	FOURTH CUTTING	M	PICKUP TRUCK	3/4 TON	1.0000			.00
08/20/86	FOURTH CUTTING	G	MOW, RAKE & BALE		66.6600	C	V	.00
08/20/86	FOURTH CUTTING	G	CUSTOM HAULING	HAY	66.6600	C	V	.00
08/25/86	FIFTH CUTTING	M	APPLY.FERTILIZER		1.0000			.00
08/25/86	FIFTH CUTTING	E	NITROGEN (DRY)		60.0000	C	V	.00
08/30/86	FIFTH CUTTING	O	IRRIGATION		4.0000			.00
08/31/86	FIFTH CUTTING	M	PICKUP TRUCK	3/4 TON	1.0000			.00
09/25/86	FIFTH CUTTING	G	MOW, RAKE & BALE		66.6600	C	V	.00
09/25/86	FIFTH CUTTING	G	CUSTOM HAULING	HAY	66.6600	C	V	.00
09/30/86	FIFTH CUTTING	L	BERMUDA HAY	IRRIG.	1.0000		F	.00
09/30/86	FIFTH CUTTING	K	LAND - CASH RENT	HAYI	1.0000	C	F	.00

FORAGE SORGHUM FOR GRAZING, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1986 Projected Costs and Returns per Acre

GROSS INCOME Description		Quantity	Unit	$ / Unit	Total	Your Estimate
PASTURE	SORGHUM	600.000	days	0.4000	240.00	________
Total GROSS Income					240.00	________

VARIABLE COST Description		Quantity	Unit	$ / Unit	Total	Your Estimate
PHOSPHATE		60.000	lb.	.210	12.60	________
NITROGEN (ANHY)		60.000	lb.	.120	7.20	________
SEED		40.000	lb.	.320	12.80	________
NITROGEN (ANHY)		60.000	lb.	.120	7.20	________
NITROGEN (ANHY)		60.000	lb.	.120	7.20	________
Fuel & Lube	- Machinery		Acre		3.64	________
	- Irrigation		Acre		59.14	________
Repairs	- Machinery		Acre		1.90	________
	- Irrigation		Acre		9.72	________
Labor	- Machinery	2.415	Hour	5.001	12.07	________
	- Irrigation	1.600	Hour	4.000	6.40	________
Interest	- OC Borrowed	13.764	Dol.	0.125	1.72	________
Total VARIABLE COST					141.59	________

Break-Even Price, Total Variable Cost $ 0.23 per days of PASTURE

GROSS INCOME minus VARIABLE COST		98.41	________
FIXED COST Description	**Unit**	**Total**	
MISC ADMIN O/H	acre	8.00	
Machinery	Acre	23.03	________
Irrigation	Acre	32.54	________
Land	Acre	40.00	________
Total FIXED Cost		103.57	________

Break-Even Price, Total Cost $ 0.40 per days of PASTURE

Total of ALL Cost	245.16	________
NET PROJECTED RETURNS	-5.16	________

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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
04/01/86		A	PASTURE	SORGHUM	50.0000	.0000	C	.00	Y
05/01/86		A	PASTURE	SORGHUM	100.0000	.0000	C	.00	Y
06/01/86		A	PASTURE	SORGHUM	100.0000	.0000	C	.00	Y
07/01/86		A	PASTURE	SORGHUM	100.0000	.0000	C	.00	Y
08/01/86		A	PASTURE	SORGHUM	100.0000	.0000	C	.00	Y
09/01/86		A	PASTURE	SORGHUM	100.0000	.0000	C	.00	Y
10/01/86		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
11/05/85		M	SHREDDING		1.0000			.00
11/10/85		M	CHISELING		1.0000			.00
11/15/85		M	DISC OFFSET	12 FT	1.0000			.00
11/20/85		M	PLANING	LAND	.2000			.00
11/25/85		M	DISC OFFSET	12 FT	.2000			.00
02/05/86		E	PHOSPHATE		60.0000	C	V	.00
02/05/86		M	APPLY.FERTILIZER		1.0000			.00
02/10/86		E	NITROGEN (ANHY)		60.0000	C	V	.00
02/10/86		M	ANHYDROUS APPL.		1.0000			.00
02/11/86		E	SEED	SORGFORG	40.0000	C	V	.00
02/11/86		M	DRILLING		1.0000			.00
03/15/86		O	IRRIGATION		4.0000			.00
04/30/86		M	PICKUP TRUCK	3/4 TON	21.0000			.00
05/15/86		E	NITROGEN (ANHY)		60.0000	C	V	.00
05/15/86		M	ANHYDROUS APPL.		1.0000			.00
06/15/86		O	IRRIGATION		4.0000			.00
06/30/86		E	MISC ADMIN O/H		.5000		F	.00
07/15/86		E	NITROGEN (ANHY)		60.0000	C	V	.00
07/15/86		M	ANHYDROUS APPL.		1.0000			.00
07/20/86		O	IRRIGATION		4.0000			.00
08/25/86		O	IRRIGATION		4.0000			.00
10/31/86		K	LAND - CASH RENT	SORGHUMI	1.0000	C	F	.00

Projections for Planning Purposes Only
Not to be Used without Updating after April 25, 1986.

OATS FOR GRAZING, IRRIGATED

Southwest Texas District-13 (Wintergarden Region)
1986 Projected Costs and Returns per Acre

GROSS INCOME Description		Quantity	Unit	$ / Unit	Total	Your Estimate
GRAZING	OATS	400.000	days	0.4000	160.00	
Total GROSS Income					160.00	

VARIABLE COST Description		Quantity	Unit	$ / Unit	Total	Your Estimate
PHOSPHATE		60.000	lb.	.210	12.60	
NITROGEN (ANHY)		60.000	lb.	.120	7.20	
SEED		64.000	lb.	.150	9.60	
NITROGEN (ANHY)		60.000	lb.	.120	7.20	
Fuel & Lube	- Machinery		Acre		3.04	
	- Irrigation		Acre		44.35	
Repairs	- Machinery		Acre		1.65	
	- Irrigation		Acre		7.29	
Labor	- Machinery	2.001	Hour	5.001	10.00	
	- Irrigation	1.200	Hour	3.999	4.80	
Interest	- OC Borrowed	9.063	Dol.	0.125	1.13	
Total VARIABLE COST					108.87	

Break-Even Price, Total Variable Cost $ 0.27 per days of GRAZING

GROSS INCOME minus VARIABLE COST	51.13	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	8.00	
Machinery	Acre	19.32	
Irrigation	Acre	24.41	
Land	Acre	25.00	
Total FIXED Cost		76.72	

Break-Even Price, Total Cost $ 0.46 per days of GRAZING

Total of ALL Cost	185.59	
NET PROJECTED RETURNS	-25.59	

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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
11/01/85		A	GRAZING	OATS	80.0000	.0000	C	.00	Y
12/01/85		A	GRAZING	OATS	80.0000	.0000	C	.00	Y
01/01/86		A	GRAZING	OATS	80.0000	.0000	C	.00	Y
02/01/86		A	GRAZING	OATS	80.0000	.0000	C	.00	Y
03/01/86		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
07/15/85		M	CHISELING		1.0000			.00
08/10/85		M	DISC OFFSET	12 FT	1.0000			.00
08/15/85		M	PLANING	LAND	.2000			.00
08/20/85		M	DISC OFFSET	12 FT	.2000			.00
09/20/85		E	PHOSPHATE		60.0000	C	V	.00
09/20/85		M	APPLY.FERTILIZER		1.0000			.00
09/25/85		E	NITROGEN (ANHY)		60.0000	C	V	.00
09/25/85		M	ANHYDROUS APPL.		1.0000			.00
10/05/85		E	SEED	OATS	64.0000	C	V	.00
10/05/85		M	DRILLING		1.0000			.00
10/20/85		O	IRRIGATION		4.0000			.00
10/31/85		M	PICKUP TRUCK	3/4 TON	21.0000			.00
12/15/85		O	IRRIGATION		4.0000			.00
01/15/86		E	NITROGEN (ANHY)		60.0000	C	V	.00
01/15/86		M	ANHYDROUS APPL.		1.0000			.00
02/15/86		O	IRRIGATION		4.0000			.00
03/31/86		K	SM. GRAINS PAST.		1.0000	C	V	.00
03/31/86		E	MISC ADMIN O/H		.5000		F	.00

FORAGE SORGHUM HAY, DRYLAND

Southwest Texas District-13 (Wintergarden Region)
1986 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	Your Estimate
PLANTING					
PHOSPHATE	40.000	lb.	.210	8.40	
NITROGEN (ANHY)	40.000	lb.	.120	4.80	
SEED	30.000	lb.	.320	9.60	
Fuel & Lube - Machinery		Acre		2.18	
Repairs - Machinery		Acre		1.38	
Labor - Machinery	1.483	Hour	5.001	7.42	
Total PLANTING				33.78	
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.	.120	4.80	
MOW, RAKE & BALE	66.000	bale	.900	59.40	
CUSTOM HAULING	66.000	bale	.150	9.90	
Fuel & Lube - Machinery		Acre		0.21	
Repairs - Machinery		Acre		0.08	
Labor - Machinery	0.151	Hour	5.001	0.76	
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	10.016	Dol.	0.125	1.25	
Total VARIABLE COST				196.81	

Break-Even Price, Total Variable Cost $ 43.73 per ton of HAY

GROSS INCOME minus VARIABLE COST		95.69	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	4.80	
Machinery	Acre	16.22	
Land	Acre	15.00	
Total FIXED Cost		36.02	

Break-Even Price, Total Cost $ 51.74 per ton of HAY

Total of ALL Cost	232.83	
NET PROJECTED RETURNS	59.67	

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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.
05/05/86	FIRST CUTTING	A	HAY	SORGHUM	1.0000	.0000	C	.00	Y
06/30/86	SECOND CUTTING	A	HAY	SORGHUM	2.0000	.0000	C	.00	Y
09/20/86	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
10/15/85	PLANTING	M	SHREDDING		1.0000			.00
11/10/85	PLANTING	M	CHISELING		1.0000			.00
11/20/85	PLANTING	M	DISC OFFSET	12 FT	1.0000			.00
02/10/86	PLANTING	E	PHOSPHATE		40.0000	C	V	.00
02/10/86	PLANTING	M	APPLY.FERTILIZER		1.0000			.00
02/12/86	PLANTING	E	NITROGEN (ANHY)		40.0000	C	V	.00
02/12/86	PLANTING	M	ANHYDROUS APPL.		1.0000			.00
02/15/86	PLANTING	E	SEED	SORGFORG	30.0000	C	V	.00
02/15/86	PLANTING	M	DRILLING		1.0000			.00
04/15/86	PLANTING	M	PICKUP TRUCK	3/4 TON	5.0000			.00
05/05/86	FIRST CUTTING	G	MOW, RAKE & BALE		33.0000	C	V	.00
05/05/86	FIRST CUTTING	G	CUSTOM HAULING	HAY	33.0000	C	V	.00
05/10/86	SECOND CUTTING	E	NITROGEN (ANHY)		40.0000	C	V	.00
05/10/86	SECOND CUTTING	M	ANHYDROUS APPL.		1.0000			.00
06/30/86	SECOND CUTTING	G	MOW, RAKE & BALE		66.0000	C	V	.00
06/30/86	SECOND CUTTING	G	CUSTOM HAULING	HAY	66.0000	C	V	.00
06/30/86		E	MISC ADMIN O/H		.3000		F	.00
09/20/86	THIRD CUTTING	G	MOW, RAKE & BALE		49.5000	C	V	.00
09/20/86	THIRD CUTTING	G	CUSTOM HAULING	HAY	49.5000	C	V	.00
09/30/86	THIRD CUTTING	K	LAND - CASH RENT	SORGHUMD	1.0000		F	.00

FORAGE SORGHUM HAY, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1986 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	Your Estimate
PLANTING					
PHOSPHATE	60.000	lb.	.210	12.60	
NITROGEN (ANHY)	60.000	lb.	.120	7.20	
SEED	40.000	lb.	.320	12.80	
Fuel & Lube - Machinery		Acre		2.78	
- Irrigation		Acre		14.78	
Repairs - Machinery		Acre		1.44	
- Irrigation		Acre		2.43	
Labor - Machinery	1.942	Hour	5.001	9.71	
- Irrigation	0.400	Hour	4.000	1.60	
Total PLANTING				65.34	
FIRST CUTTING					
MOW, RAKE & BALE	66.000	bale	.900	59.40	
CUSTOM HAULING	66.000	bale	.150	9.90	
Fuel & Lube - Irrigation		Acre		14.78	
Repairs - Irrigation		Acre		2.43	
Labor - Irrigation	0.400	Hour	4.000	1.60	
Total FIRST CUTTING				88.11	
SECOND CUTTING					
NITROGEN (ANHY)	60.000	lb.	.120	7.20	
MOW, RAKE & BALE	66.000	bale	.900	59.40	
CUSTOM HAULING	66.000	bale	.150	9.90	
Fuel & Lube - Machinery		Acre		0.21	
Repairs - Machinery		Acre		0.08	
Labor - Machinery	0.151	Hour	5.001	0.76	
Total SECOND CUTTING				77.55	
THIRD CUTTING					
NITROGEN (ANHY)	60.000	lb.	.120	7.20	
CUSTOM HAULING	66.000	bale	.150	9.90	
MOW, RAKE & BALE	66.000	bale	.900	59.40	
Fuel & Lube - Machinery		Acre		0.21	
- Irrigation		Acre		14.78	
Repairs - Machinery		Acre		0.08	
- Irrigation		Acre		2.43	
Labor - Machinery	0.151	Hour	5.001	0.76	
- Irrigation	0.400	Hour	4.000	1.60	
Total THIRD CUTTING				96.36	
FOURTH CUTTING					
NITROGEN (ANHY)	60.000	lb.	.120	7.20	
CUSTOM HAULING	66.000	bale	.150	9.90	
MOW, RAKE & BALE	66.000	bale	.900	59.40	
Fuel & Lube - Machinery		Acre		0.21	
- Irrigation		Acre		14.78	
Repairs - Machinery		Acre		0.08	
- Irrigation		Acre		2.43	
Labor - Machinery	0.151	Hour	5.001	0.76	
- Irrigation	0.400	Hour	4.000	1.60	
Total FOURTH CUTTING				96.36	
FIFTH CUTTING					
MOW, RAKE & BALE	66.000	bale	.900	59.40	
CUSTOM HAULING	66.000	bale	.150	9.90	
Fuel & Lube - Irrigation		Acre		14.78	
Repairs - Irrigation		Acre		2.43	
Labor - Irrigation	0.400	Hour	4.000	1.60	
Total FIFTH CUTTING				88.11	
Interest - OC Borrowed	19.933	Dol.	0.125	2.49	
Total VARIABLE COST				514.34	

Break-Even Price, Total Variable Cost $ 51.43 per ton of HAY

GROSS INCOME minus VARIABLE COST 135.66

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	8.00	
Machinery	Acre	22.28	
Irrigation	Acre	40.68	
Land	Acre	40.00	
Total FIXED Cost		110.96	

Break-Even Price, Total Cost $ 62.53 per ton of HAY

Total of ALL Cost 625.30

NET PROJECTED RETURNS 24.70

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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.
05/05/86	FIRST CUTTING	A	HAY	SORGHUM	2.0000	.0000	C	.00	Y
06/10/86	SECOND CUTTING	A	HAY	SORGHUM	2.0000	.0000	C	.00	Y
07/15/86	THIRD CUTTING	A	HAY	SORGHUM	2.0000	.0000	C	.00	Y
08/20/86	FOURTH CUTTING	A	HAY	SORGHUM	2.0000	.0000	C	.00	Y
09/25/86	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
11/05/85	PLANTING	M	SHREDDING		1.0000			.00
11/10/85	PLANTING	M	CHISELING		1.0000			.00
11/15/85	PLANTING	M	DISC OFFSET	8 FT	.2000			.00
11/20/85	PLANTING	M	PLANING	LAND	.2000			.00
11/25/85	PLANTING	M	DISC OFFSET	8 FT	.2000			.00
02/10/86	PLANTING	E	PHOSPHATE		60.0000	C	V	.00
02/10/86	PLANTING	M	APPLY.FERTILIZER		1.0000			.00
02/12/86	PLANTING	E	NITROGEN (ANHY)		60.0000	C	V	.00
02/12/86	PLANTING	M	ANHYDROUS APPL.		1.0000			.00
02/15/86	PLANTING	E	SEED	SORGFORG	40.0000	C	V	.00
02/15/86	PLANTING	M	DRILLING		1.0000			.00
02/25/86	PLANTING	O	IRRIGATION		4.0000			.00
03/15/86	PLANTING	M	PICKUP TRUCK	3/4 TON	20.0000			.00
04/25/86	FIRST CUTTING	O	IRRIGATION		4.0000			.00
05/05/86	FIRST CUTTING	G	MOW, RAKE & BALE		66.0000	C	V	.00
05/05/86	FIRST CUTTING	G	CUSTOM HAULING	HAY	66.0000	C	V	.00
05/10/86	SECOND CUTTING	E	NITROGEN (ANHY)		60.0000	C	V	.00
05/10/86	SECOND CUTTING	M	ANHYDROUS APPL.		1.0000			.00
06/10/86	SECOND CUTTING	G	MOW, RAKE & BALE		66.0000	C	V	.00
06/10/86	SECOND CUTTING	G	CUSTOM HAULING	HAY	66.0000	C	V	.00
06/15/86	THIRD CUTTING	E	NITROGEN (ANHY)		60.0000	C	V	.00
06/15/86	THIRD CUTTING	M	ANHYDROUS APPL.		1.0000			.00
06/20/86	THIRD CUTTING	O	IRRIGATION		4.0000	C	V	.00
07/15/86	THIRD CUTTING	G	CUSTOM HAULING	HAY	66.0000	C	V	.00
07/15/86	THIRD CUTTING	G	MOW, RAKE & BALE		66.0000	C	V	.00
07/20/86	FOURTH CUTTING	M	ANHYDROUS APPL.		1.0000			.00
07/20/86	FOURTH CUTTING	E	NITROGEN (ANHY)		60.0000	C	V	.00
07/25/86	FOURTH CUTTING	O	IRRIGATION		4.0000	C	V	.00
08/20/86	FOURTH CUTTING	G	CUSTOM HAULING	HAY	66.0000	C	V	.00
08/20/86	FOURTH CUTTING	G	MOW, RAKE & BALE		66.0000	C	V	.00
08/25/86	FIFTH CUTTING	O	IRRIGATION		4.0000	C	V	.00
09/25/86	FIFTH CUTTING	G	MOW, RAKE & BALE		66.0000	C	V	.00
09/25/86	FIFTH CUTTING	G	CUSTOM HAULING	HAY	66.0000	C	V	.00
09/30/86		K	LAND - CASH RENT	SORGHUMI	1.0000		F	.00
09/30/86		E	MISC ADMIN O/H		.5000		F	.00

CORN FOR SILAGE, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1986 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
CORN SILAGE	15.000	ton	20.0000	300.00	
Total GROSS Income				300.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
PHOSPHATE	80.000	lb.	.210	16.80	
NITROGEN (ANHY)	160.000	lb.	.120	19.20	
SEED	20.000	lb.	1.000	20.00	
HERBICIDE	1.000	acre	20.000	20.00	
HERBICIDE APPL.	1.000	acre	3.000	3.00	
INSECTICIDE	1.000	appl	8.000	8.00	
Fuel & Lube - Machinery		Acre		6.38	
- Irrigation		Acre		59.14	
Repairs - Machinery		Acre		2.85	
- Irrigation		Acre		9.72	
Labor - Machinery	2.778	Hour	5.001	13.89	
- Irrigation	1.600	Hour	4.000	6.40	
Total PREHARVEST				185.37	
Interest - OC Borrowed	77.504	Dol.	0.125	9.69	
Total VARIABLE COST				195.06	

Break-Even Price, Total Variable Cost $ 13.00 per ton of CORN SILAGE

GROSS INCOME minus VARIABLE COST	104.94	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	8.00	
Machinery	Acre	35.72	
Irrigation	Acre	32.54	
Land	Acre	15.00	
Total FIXED Cost		91.26	

Break-Even Price, Total Cost $ 19.08 per ton of CORN SILAGE

Total of ALL Cost	286.32	
NET PROJECTED RETURNS	13.68	

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

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
07/15/86	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
08/10/85	PREHARVEST	M	CHISELING		1.0000			.00
08/15/85	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
08/20/85	PREHARVEST	M	PLANING	LAND	.2000			.00
08/25/85	PREHARVEST	M	DISC OFFSET	12 FT	.2000			.00
10/15/85	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
11/15/85	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00
12/15/85	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
12/20/85	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
02/05/86	PREHARVEST	E	PHOSPHATE		80.0000	C	V	.00
02/05/86	PREHARVEST	M	APPLY.FERTILIZER		1.0000			.00
02/07/86	PREHARVEST	E	NITROGEN (ANHY)		160.0000	C	V	.00
02/07/86	PREHARVEST	M	ANHYDROUS APPL.		1.0000			.00
02/10/86	PREHARVEST	E	SEED	CORN-SIL	20.0000	C	V	.00
02/10/86	PREHARVEST	M	PLANTING	6 ROW	1.0000			.00
02/15/86	PREHARVEST	E	HERBICIDE	CORN	1.0000	C	V	.00
02/15/86	PREHARVEST	G	HERBICIDE APPL.		1.0000	C	V	.00
02/15/86	PREHARVEST	E	INSECTICIDE	CORN	1.0000	C	V	.00
02/20/86	PREHARVEST	O	IRRIGATION		4.0000			.00
03/15/86	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
03/20/86	PREHARVEST	O	IRRIGATION		4.0000			.00
04/15/86	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
04/20/86	PREHARVEST	O	IRRIGATION		4.0000			.00
05/20/86	PREHARVEST	O	IRRIGATION		4.0000			.00
06/30/86	PREHARVEST	E	MISC ADMIN O/H		.5000		F	.00
07/31/86	PREHARVEST	K	LAND - CASH RENT	FORAGE	1.0000		F	.00

CORN FOR FOOD, IRRIGATED

Southwest Texas District-13 (Wintergarden Region)
1986 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
CORN	100.000	bu.	3.1000	310.00	
DEFICIENCY PMT. CORN	100.000	bu.	1.0300	103.00	
Total GROSS Income				413.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
HAIL INSURANCE	1.000	acre	17.000	17.00	
PHOSPHATE	90.000	lb.	.210	18.90	
NITROGEN (ANHY)	200.000	lb.	.120	24.00	
SEED	15.000	lb.	1.160	17.40	
HERBICIDE	1.000	acre	20.000	20.00	
HERBICIDE APPL.	1.000	acre	3.000	3.00	
INSECTICIDE	1.000	appl	8.000	8.00	
Fuel & Lube - Machinery		Acre		6.76	
- Irrigation		Acre		81.31	
Repairs - Machinery		Acre		3.02	
- Irrigation		Acre		13.36	
Labor - Machinery	3.041	Hour	5.001	15.21	
- Irrigation	2.200	Hour	4.000	8.80	
Total PREHARVEST				236.77	
HARVEST					
CUSTOM HARVEST	1.000	acre	24.000	24.00	
CUSTOM HAULING	100.000	bu.	.170	17.00	
Total HARVEST				41.00	
Interest - OC Borrowed	108.741	Dol.	0.125	13.59	
Total VARIABLE COST				291.36	
GROSS INCOME minus VARIABLE COST				121.64	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	16.00	
Machinery	Acre	37.56	
Irrigation	Acre	44.75	
Land	Acre	60.00	
Total FIXED Cost		158.31	
Total of ALL Cost		449.66	
NET PROJECTED RETURNS		-36.66	

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	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
08/10/86	HARVEST	A	CORN	100.0000	.0000	C	.00	N
08/10/86	HARVEST	A	DEFICIENCY PMT. CORN	100.0000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
08/15/85	PREHARVEST	M	SHREDDING	1.0000			.00
08/20/85	PREHARVEST	M	CHISELING	1.0000			.00
08/22/85	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
08/25/85	PREHARVEST	M	PLANING LAND	.2000			.00
08/27/85	PREHARVEST	M	DISC OFFSET 12 FT	.2000			.00
10/15/85	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
11/15/85	PREHARVEST	M	BEDDING 6 ROW	1.0000			.00
12/15/85	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
12/31/85	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
01/20/86	PREHARVEST	O	IRRIGATION	3.0000			.00
02/01/86	PREHARVEST	E	HAIL INSURANCE CORN	1.0000	C	V	.00
02/05/86	PREHARVEST	E	PHOSPHATE	90.0000	C	V	.00
02/05/86	PREHARVEST	M	APPLY.FERTILIZER	1.0000			.00
02/07/86	PREHARVEST	M	ANHYDROUS APPL.	1.0000			.00
02/07/86	PREHARVEST	E	NITROGEN (ANHY)	200.0000	C	V	.00
02/10/86	PREHARVEST	E	SEED CORN-GR.	15.0000	C	V	.00
02/10/86	PREHARVEST	M	PLANTING 6 ROW	1.0000			.00
02/15/86	PREHARVEST	E	HERBICIDE CORN	1.0000	C	V	.00
02/15/86	PREHARVEST	G	HERBICIDE APPL.	1.0000	C	V	.00
02/15/86	PREHARVEST	E	INSECTICIDE CORN	1.0000	C	V	.00
03/15/86	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
04/15/86	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
04/20/86	PREHARVEST	O	IRRIGATION	3.0000			.00
05/10/86	PREHARVEST	O	IRRIGATION	6.0000			.00
05/20/86	PREHARVEST	O	IRRIGATION	6.0000			.00
06/15/86	PREHARVEST	O	IRRIGATION	4.0000			.00
06/30/86		E	MISC ADMIN O/H	1.0000		F	.00
08/10/86	HARVEST	G	CUSTOM HARVEST CORN	1.0000	C	V	.00
08/10/86	HARVEST	G	CUSTOM HAULING CORN	100.0000	C	V	.00
08/10/86		K	LAND - CASH RENT CORNFOOD	1.0000		F	.00

COTTON, IRRIGATED, LONG SEASON VARIETIES
Southwest Texas District-13 (Wintergarden Region)
1986 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
COTTON LINT	950.000	lb.	0.5000	475.00	
COTTONSEED	0.770	ton	75.0000	57.75	
DEFICIENCY PMT. COTTON	950.000	lb.	0.2600	247.00	
Total GROSS Income				779.75	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
HERBICIDE	1.000	acre	8.500	8.50	
PHOSPHATE	50.000	lb.	.210	10.50	
NITROGEN (ANHY)	80.000	lb.	.120	9.60	
HAIL INSURANCE	1.000	acre	19.000	19.00	
SEED	16.000	lb.	.550	8.80	
INSECTICIDE	1.000	appl	8.500	8.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
GROWTH RETARDANT	1.000	appl	14.000	14.00	
RETARDANT APPL.	1.000	appl	3.500	3.50	
INSECTICIDE	1.000	appl	8.500	8.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	8.500	8.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	8.500	8.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	8.500	8.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	8.500	8.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	8.500	8.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	8.500	8.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	8.500	8.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	8.500	8.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	8.500	8.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	8.500	8.50	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
Fuel & Lube - Machinery		Acre		7.97	
- Irrigation		Acre		59.14	
Repairs - Machinery		Acre		3.66	
- Irrigation		Acre		9.72	
Labor - Machinery	3.819	Hour	5.001	19.10	
- Other	4.000	Hour	4.000	16.00	
- Irrigation	1.600	Hour	4.000	6.40	
Total PREHARVEST				339.88	
HARVEST					
DEFOLIANT	1.000	acre	8.000	8.00	
DEFOLIANT APPL.	1.000	acre	3.000	3.00	
CUSTOM PICKING	950.000	lb.	.110	104.50	
GIN, BAG, TIES	1.990	bale	48.500	96.51	
Total HARVEST				212.02	
Interest - OC Borrowed	135.549	Dol.	0.125	16.94	
Total VARIABLE COST				568.84	
GROSS INCOME minus VARIABLE COST				210.91	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	16.00	
Machinery	Acre	45.72	
Irrigation	Acre	32.54	
Land	Acre	60.00	
Total FIXED Cost		154.26	
Total of ALL Cost		723.11	
NET PROJECTED RETURNS		56.64	

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	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
09/20/86	HARVEST	A	COTTON LINT	950.0000	.0000	C	.00	N
09/20/86	HARVEST	A	COTTONSEED	.7700	.0000	C	.00	N
09/20/86	HARVEST	A	DEFICIENCY PMT. COTTON	950.0000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
10/05/85	PREHARVEST	M	SHREDDING	1.0000			.00
10/10/85	PREHARVEST	M	CHISELING	1.0000			.00
10/15/85	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
10/20/85	PREHARVEST	M	PLANING LAND	.2000			.00
10/25/85	PREHARVEST	M	DISC OFFSET 12 FT	.2000			.00
11/15/85	PREHARVEST	M	CHISELING	1.0000			.00
12/15/85	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
01/10/86	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
01/15/86	PREHARVEST	M	BEDDING 6 ROW	1.0000			.00
01/20/86	PREHARVEST	E	HERBICIDE COTTON	1.0000	C	V	.00
01/20/86	PREHARVEST	M	SPRAYING 12 FT	1.0000			.00
02/05/86	PREHARVEST	O	IRRIGATION	4.0000			.00
02/20/86	PREHARVEST	E	PHOSPHATE	50.0000	C	V	.00
02/20/86	PREHARVEST	M	APPLY.FERTILIZER	1.0000			.00
02/25/86	PREHARVEST	E	NITROGEN (ANHY)	80.0000	C	V	.00
02/25/86	PREHARVEST	M	ANHYDROUS APPL.	1.0000			.00
03/01/86	PREHARVEST	E	HAIL INSURANCE COTTON	1.0000	C	V	.00
03/01/86	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
03/10/86	PREHARVEST	E	SEED COTTON	16.0000	C	V	.00
03/10/86	PREHARVEST	M	PLANTING 6 ROW	1.0000			.00
03/31/86	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
04/01/86	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
04/15/86	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
04/15/86	PREHARVEST	O	IRRIGATION	4.0000			.00
05/01/86	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
05/08/86	PREHARVEST	E	INSECTICIDE COTTON	1.0000	C	V	.00
05/08/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
05/10/86	PREHARVEST	E	GROWTH RETARDANT	1.0000	C	V	.00
05/10/86	PREHARVEST	G	RETARDANT APPL.	1.0000	C	V	.00
05/15/86	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
05/25/86	PREHARVEST	E	INSECTICIDE COTTON	1.0000	C	V	.00
05/25/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
06/01/86	PREHARVEST	H	HIRED LABOR	1.0000	C	V	.00
06/05/86	PREHARVEST	E	INSECTICIDE COTTON	1.0000	C	V	.00
06/05/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
06/12/86	PREHARVEST	E	INSECTICIDE COTTON	1.0000	C	V	.00
06/12/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
06/15/86	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
06/15/86	PREHARVEST	O	IRRIGATION	4.0000			.00
06/19/86	PREHARVEST	E	INSECTICIDE COTTON	1.0000	C	V	.00
06/19/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
06/26/86	PREHARVEST	E	INSECTICIDE COTTON	1.0000	C	V	.00
06/26/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
06/30/86		E	MISC ADMIN O/H	1.0000		F	.00
07/05/86	PREHARVEST	E	INSECTICIDE COTTON	1.0000	C	V	.00
07/05/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
07/12/86	PREHARVEST	E	INSECTICIDE COTTON	1.0000	C	V	.00
07/12/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
07/19/86	PREHARVEST	E	INSECTICIDE COTTON	1.0000	C	V	.00
07/19/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
07/26/86	PREHARVEST	E	INSECTICIDE COTTON	1.0000	C	V	.00
07/26/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
08/05/86	PREHARVEST	E	INSECTICIDE COTTON	1.0000	C	V	.00
08/05/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
08/15/86	PREHARVEST	O	IRRIGATION	4.0000			.00
08/20/86	PREHARVEST	E	INSECTICIDE COTTON	1.0000	C	V	.00
08/20/86	PREHARVEST	G	PESTICIDE APPL.	1.0000	C	V	.00
09/05/86	HARVEST	E	DEFOLIANT	1.0000	C	V	.00
09/05/86	HARVEST	G	DEFOLIANT APPL.	1.0000	C	V	.00
09/20/86	HARVEST	G	CUSTOM PICKING COTTON	950.0000	C	V	.00
09/20/86	HARVEST	E	GIN, BAG, TIES	1.9900	C	V	.00
09/30/86		K	LAND - CASH RENT COTTONI	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.