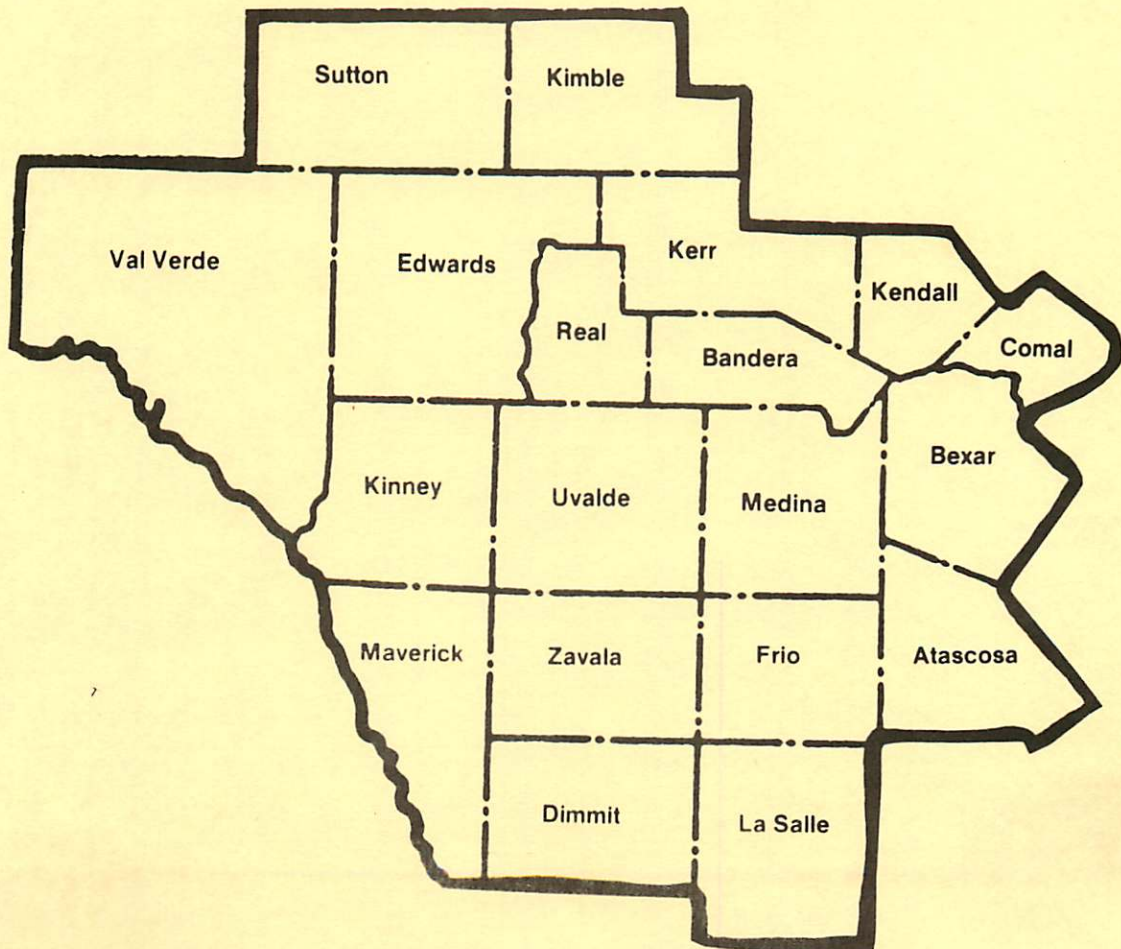
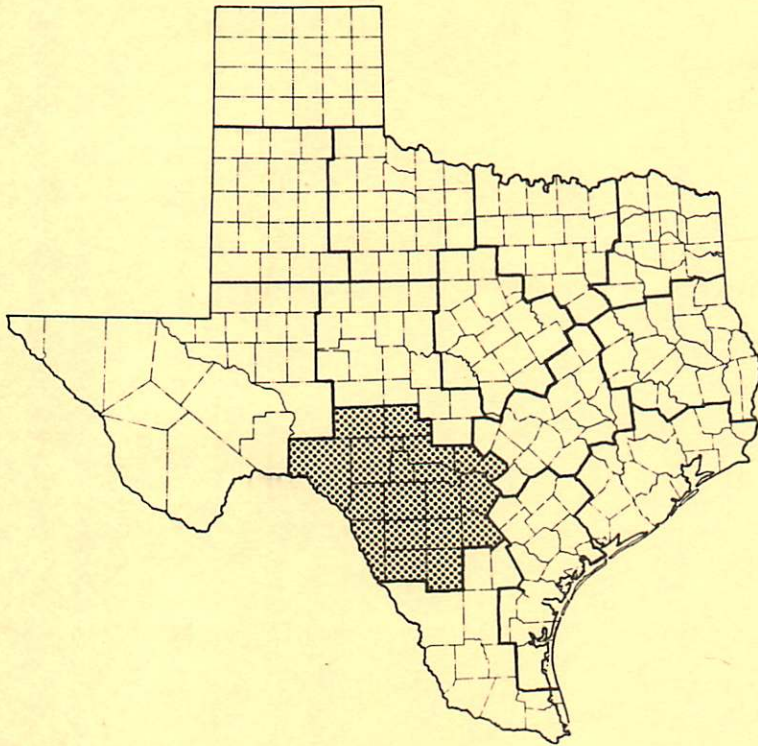


# SOUTHWEST TEXAS

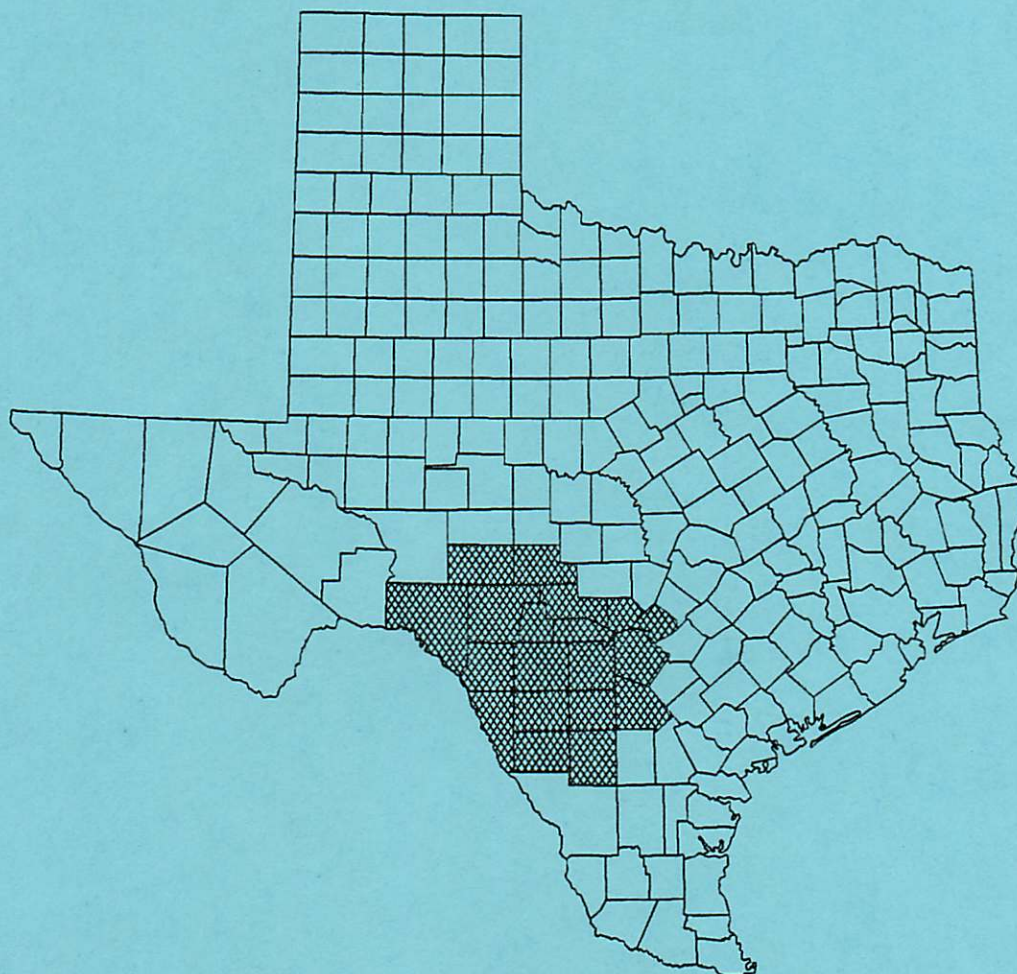
DISTRICT 13



# TEXAS CROP ENTERPRISE BUDGETS

## SOUTHWEST TEXAS DISTRICT

Projected for 1987



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**COASTAL BERMUDA PASTURE ESTABLISHMENT, DRYLAND**  
 Southwest Texas District-13 (Wintergarden Region)  
 1987 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.	.210	6.30	_____
SPRIG & SPRIGGING	1.000	acre	25.000	25.00	_____
HERBICIDE	1.000	acre	2.400	2.40	_____
Fuel & Lube - Machinery		Acre		2.47	_____
Repairs - Machinery		Acre		1.38	_____
Labor - Machinery	1.517	Hour	4.501	6.83	_____
Interest - OC Borrowed	29.428	Dol.	0.100	2.94	_____
Total VARIABLE COST				57.32	_____
<i>Break-Even Price, Total Variable Cost \$</i>				<i>0.57 per days of GRAZING</i>	
GROSS INCOME minus VARIABLE COST				-27.32	_____
FIXED COST Description =====		Unit =====		Total =====	
MISC ADMIN O/H		acre		4.80	_____
Machinery and Equipment		Acre		18.59	_____
Land		Acre		10.00	_____
Total FIXED Cost				33.39	_____
<i>Break-Even Price, Total Cost \$</i>				<i>0.90 per days of GRAZING</i>	
Total of ALL Cost				90.70	_____
NET PROJECTED RETURNS				-60.70	_____

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Projections for Planning Purposes Only  
 Not to be Used without Updating after April 23, 1987.

B-1241(C13)

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
05/01/87		A	GRAZING	BERMUDA	10.0000	.0000	C	.00 Y
06/01/87		A	GRAZING	BERMUDA	15.0000	.0000	C	.00 Y
07/01/87		A	GRAZING	BERMUDA	20.0000	.0000	C	.00 Y
08/01/87		A	GRAZING	BERMUDA	15.0000	.0000	C	.00 Y
09/01/87		A	GRAZING	BERMUDA	20.0000	.0000	C	.00 Y
10/01/87		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
02/10/87		M	PLOWING	MLDBOARD	1.0000		.00
02/20/87		M	DISC OFFSET	12 FT	1.0000		.00
03/10/87		E	NITROGEN (DRY)		50.0000	C V	.00
03/10/87		E	PHOSPHATE		30.0000	C V	.00
03/10/87		M	APPLY.FERTILIZER		1.0000		.00
03/20/87		G	SPRIG & SPRIGGING		1.0000	C V	.00
04/15/87		E	HERBICIDE	HAY	1.0000	C V	.00
04/15/87		M	SPRAYING	12 FT	1.0000		.00
04/30/87		M	PICKUP TRUCK	3/4 TON	5.0000		.00
06/30/87		E	MISC ADMIN O/H		.3000	F	.00
10/31/87		K	LAND - CASH RENT PASTURE		1.0000	F	.00

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**COASTAL BERMUDA PASTURE, DRYLAND**  
 Southwest Texas District-13 (Wintergarden Region)  
 1987 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	1b.	.200	6.00	_____
PHOSPHATE	30.000	1b.	.210	6.30	_____
HERBICIDE	1.000	acre	2.400	2.40	_____
NITROGEN (DRY)	30.000	1b.	.200	6.00	_____
NITROGEN (DRY)	30.000	1b.	.200	6.00	_____
Fuel & Lube - Machinery		Acre		1.10	_____
Repairs - Machinery		Acre		0.74	_____
Labor - Machinery	1.175	Hour	4.501	5.29	_____
Interest - OC Borrowed	3.343	Dol.	0.100	0.33	_____
Total VARIABLE COST				34.16	_____
<i>Break-Even Price, Total Variable Cost \$</i>				<i>0.17 per days of GRAZING</i>	
GROSS INCOME minus VARIABLE COST				25.84	_____
FIXED COST Description =====		Unit =====		Total =====	
MISC ADMIN O/H		acre		4.80	_____
Machinery and Equipment		Acre		10.55	_____
Land		Acre		10.00	_____
Perennial Crop		Acre		9.53	_____
Total FIXED Cost				34.88	_____
<i>Break-Even Price, Total Cost \$</i>				<i>0.34 per days of GRAZING</i>	
Total of ALL Cost				69.04	_____
NET PROJECTED RETURNS				-9.04	_____

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

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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.
03/01/87		A	GRAZING BERMUDA	10.0000	.0000	C	.00	Y
04/01/87		A	GRAZING BERMUDA	20.0000	.0000	C	.00	Y
05/01/87		A	GRAZING BERMUDA	30.0000	.0000	C	.00	Y
06/01/87		A	GRAZING BERMUDA	25.0000	.0000	C	.00	Y
07/01/87		A	GRAZING BERMUDA	20.0000	.0000	C	.00	Y
08/01/87		A	GRAZING BERMUDA	20.0000	.0000	C	.00	Y
09/01/87		A	GRAZING BERMUDA	30.0000	.0000	C	.00	Y
10/01/87		A	GRAZING BERMUDA	25.0000	.0000	C	.00	Y
11/01/87		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
02/10/87		E	NITROGEN (DRY)	30.0000	C	V	.00
02/10/87		E	PHOSPHATE	30.0000	C	V	.00
02/10/87		M	APPLY.FERTILIZER	1.0000			.00
02/15/87		E	HERBICIDE HAY	1.0000	C	V	.00
02/15/87		M	SPRAYING 12 FT	1.0000			.00
02/20/87		M	CHISELING	.2500			.00
05/31/87		M	PICKUP TRUCK 3/4 TON	5.0000			.00
06/15/87		E	NITROGEN (DRY)	30.0000	C	V	.00
06/15/87		M	APPLY.FERTILIZER	1.0000			.00
06/30/87		E	MISC ADMIN O/H	.3000		F	.00
08/15/87		E	NITROGEN (DRY)	30.0000	C	V	.00
08/15/87		M	APPLY.FERTILIZER	1.0000			.00
11/30/87		K	LAND - CASH RENT PASTURE	1.0000	C	F	.00
11/30/87		L	BERMUDA PASTURE DRYLAND	1.0000		F	.00

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**COASTAL BERMUDA PASTURE, ESTABLISHMENT, IRRIGATED**  
 Southwest Texas District-13 (Wintergarden Region)  
 1987 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.	.210	12.60	_____
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		2.80	_____
- Irrigation		Acre		41.31	_____
Repairs - Machinery		Acre		1.70	_____
- Irrigation		Acre		9.63	_____
Labor - Machinery	1.923	Hour	4.501	8.66	_____
- Irrigation	1.600	Hour	3.799	6.08	_____
Interest - OC Borrowed	58.910	Dol.	0.100	5.89	_____
Total VARIABLE COST				152.07	_____
<i>Break-Even Price, Total Variable Cost \$</i>				<i>0.63 per days of GRAZING</i>	
GROSS INCOME minus VARIABLE COST				-80.07	_____
FIXED COST Description =====		Unit =====		Total =====	
MISC ADMIN O/H		acre		8.00	_____
Machinery and Equipment		Acre		22.38	_____
Irrigation		Acre		43.89	_____
Land		Acre		25.00	_____
Total FIXED Cost				99.27	_____
<i>Break-Even Price, Total Cost \$</i>				<i>1.04 per days of GRAZING</i>	
Total of ALL Cost				251.34	_____
NET PROJECTED RETURNS				-179.34	_____

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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.
06/01/87		A	GRAZING	BERMUDA	60.0000	.0000	C	.00 Y
07/01/87		A	GRAZING	BERMUDA	60.0000	.0000	C	.00 Y
08/01/87		A	GRAZING	BERMUDA	60.0000	.0000	C	.00 Y
09/01/87		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
02/10/87		M	PLOWING	MLDBOARD	1.0000		.00
02/15/87		M	DISC OFFSET	12 FT	1.0000		.00
02/20/87		E	HERBICIDE	HAY	1.0000	C V	.00
02/20/87		M	SPRAYING	12 FT	1.0000		.00
02/25/87		E	NITROGEN (DRY)		60.0000	C V	.00
02/25/87		E	PHOSPHATE		60.0000	C V	.00
02/25/87		M	APPLY.FERTILIZER		1.0000		.00
02/28/87		O	IRRIGATION		4.0000		.00
03/10/87		G	SPRIG & SPRIGGING		1.0000	C V	.00
03/31/87		M	PICKUP TRUCK	3/4 TON	5.0000		.00
04/20/87		O	IRRIGATION		4.0000		.00
06/15/87		M	APPLY.FERTILIZER		1.0000		.00
06/15/87		E	NITROGEN (DRY)		60.0000	C V	.00
06/20/87		O	IRRIGATION		4.0000		.00
06/30/87		E	MISC ADMIN O/H		.5000	F	.00
08/15/87		M	APPLY.FERTILIZER		1.0000		.00
08/15/87		E	NITROGEN (DRY)		60.0000	C V	.00
08/20/87		O	IRRIGATION		4.0000		.00
09/30/87		K	LAND - CASH RENT PASTUREI		1.0000	C F	.00

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**COASTAL BERMUDA PASTURE, IRRIGATED**  
 Southwest Texas District-13 (Wintergarden Region)  
 1987 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	Your Estimate	
=====				=====	=====	=====	=====	=====	
NITROGEN (DRY)				60.000	lb.	.200	12.00	_____	
PHOSPHATE				60.000	lb.	.210	12.60	_____	
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		1.70	_____	
- Irrigation					Acre		51.64	_____	
Repairs - Machinery					Acre		1.17	_____	
- Irrigation					Acre		12.04	_____	
Labor - Machinery				1.794	Hour	4.501	8.07	_____	
- Irrigation				2.000	Hour	3.800	7.60	_____	
Interest - OC Borrowed				25.502	Dol.	0.100	2.55	_____	
Total VARIABLE COST							159.78	_____	
<i>Break-Even Price, Total Variable Cost \$</i>				<i>0.26 per days of GRAZING</i>					
GROSS INCOME minus VARIABLE COST							20.22	_____	
FIXED COST Description					Unit		Total	Your Estimate	
=====					=====		=====	=====	
MISC ADMIN O/H					acre		8.00	_____	
Machinery and Equipment					Acre		15.92	_____	
Irrigation					Acre		54.86	_____	
Land					Acre		25.00	_____	
Perennial Crop					Acre		22.04	_____	
Total FIXED Cost							125.82	_____	
<i>Break-Even Price, Total Cost \$</i>				<i>0.47 per days of GRAZING</i>					
Total of ALL Cost							285.60	_____	
NET PROJECTED RETURNS							-105.60	_____	

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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.
04/01/87		A	GRAZING	BERMUDA	50.0000	.0000	C	.00 Y
05/01/87		A	GRAZING	BERMUDA	100.0000	.0000	C	.00 Y
06/01/87		A	GRAZING	BERMUDA	100.0000	.0000	C	.00 Y
07/01/87		A	GRAZING	BERMUDA	100.0000	.0000	C	.00 Y
08/01/87		A	GRAZING	BERMUDA	100.0000	.0000	C	.00 Y
09/01/87		A	GRAZING	BERMUDA	100.0000	.0000	C	.00 Y
10/01/87		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
02/10/87		E	NITROGEN (DRY)	60.0000	C	V	.00
02/10/87		M	APPLY.FERTILIZER	1.0000			.00
02/10/87		E	PHOSPHATE	60.0000	C	V	.00
02/15/87		O	IRRIGATION	4.0000			.00
02/20/87		E	HERBICIDE HAY	1.0000	C	V	.00
02/20/87		M	SPRAYING 12 FT	1.0000			.00
02/28/87		M	SHREDDING	1.0000			.00
04/20/87		O	IRRIGATION	4.0000			.00
04/30/87		M	PICKUP TRUCK 3/4 TON	5.0000			.00
05/15/87		E	NITROGEN (DRY)	60.0000	C	V	.00
05/15/87		M	APPLY.FERTILIZER	1.0000			.00
06/15/87		E	NITROGEN (DRY)	60.0000	C	V	.00
06/15/87		M	APPLY.FERTILIZER	1.0000			.00
06/20/87		O	IRRIGATION	4.0000			.00
06/30/87		E	MISC ADMIN O/H	.5000		F	.00
07/15/87		E	NITROGEN (DRY)	60.0000	C	V	.00
07/15/87		M	APPLY.FERTILIZER	1.0000			.00
07/20/87		O	IRRIGATION	4.0000			.00
08/15/87		E	NITROGEN (DRY)	60.0000	C	V	.00
08/15/87		M	APPLY.FERTILIZER	1.0000			.00
08/20/87		O	IRRIGATION	4.0000			.00
10/31/87		K	LAND - CASH RENT PASTUREI	1.0000	C	F	.00
10/31/87		L	BERMUDA PASTURE IRRIG.	1.0000		F	.00

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**COASTAL BERMUDA HAY, ESTABLISHMENT, IRRIGATED**  
 Southwest Texas District-13 (Wintergarden Region)  
 1987 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
HAY BERMUDA	4.000	ton	50.0000	200.00	
<b>Total GROSS Income</b>				<b>200.00</b>	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
<b>ESTABLISHMENT</b>					
NITROGEN (DRY)	60.000	lb.	.200	12.00	
PHOSPHATE	60.000	lb.	.210	12.60	
SPRIG & SPRIGGING	1.000	acre	25.000	25.00	
HERBICIDE	1.000	acre	2.400	2.40	
Fuel & Lube - Machinery		Acre		2.47	
- Irrigation		Acre		20.66	
Repairs - Machinery		Acre		1.38	
- Irrigation		Acre		4.82	
Labor - Machinery	1.517	Hour	4.501	6.83	
- Irrigation	0.800	Hour	3.799	3.04	
<b>Total ESTABLISHMENT</b>				<b>91.19</b>	
<b>FIRST CUTTING</b>					
MOW, RAKE & BALE	33.000	bale	.900	29.70	
CUSTOM HAULING	33.000	bale	.150	4.95	
<b>Total FIRST CUTTING</b>				<b>34.65</b>	
<b>SECOND CUTTING</b>					
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		0.17	
- Irrigation		Acre		10.33	
Repairs - Machinery		Acre		0.16	
- Irrigation		Acre		2.41	
Labor - Machinery	0.203	Hour	4.501	0.91	
- Irrigation	0.400	Hour	3.799	1.52	
<b>Total SECOND CUTTING</b>				<b>62.14</b>	
<b>THIRD CUTTING</b>					
CUSTOM HAULING	33.000	bale	.150	4.95	
MOW, RAKE & BALE	33.000	bale	.900	29.70	
<b>Total THIRD CUTTING</b>				<b>34.65</b>	
<b>FOURTH CUTTING</b>					
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		0.17	
- Irrigation		Acre		10.33	
Repairs - Machinery		Acre		0.16	
- Irrigation		Acre		2.41	
Labor - Machinery	0.203	Hour	4.501	0.91	
- Irrigation	0.400	Hour	3.799	1.52	
<b>Total FOURTH CUTTING</b>				<b>62.14</b>	
Interest - OC Borrowed	62.493	Dol.	0.100	6.25	
<b>Total VARIABLE COST</b>				<b>291.02</b>	
<i>Break-Even Price, Total Variable Cost \$ 72.75 per ton of HAY</i>					
<b>GROSS INCOME minus VARIABLE COST</b>				<b>-91.02</b>	
FIXED COST Description		Unit		Total	Your Estimate
MISC ADMIN O/H		acre		8.00	
Machinery and Equipment		Acre		22.38	
Irrigation		Acre		43.89	
Land		Acre		40.00	
<b>Total FIXED Cost</b>				<b>114.27</b>	
<i>Break-Even Price, Total Cost \$ 101.32 per ton of HAY</i>					
<b>Total of ALL Cost</b>				<b>405.29</b>	
<b>NET PROJECTED RETURNS</b>				<b>-205.29</b>	

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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.
06/10/87	FIRST CUTTING	A	HAY BERMUDA	1.0000	.0000	C	.00	Y
07/15/87	SECOND CUTTING	A	HAY BERMUDA	1.0000	.0000	C	.00	Y
08/20/87	SECOND CUTTING	A	HAY BERMUDA	1.0000	.0000	C	.00	Y
09/25/87	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
02/10/87	ESTABLISHMENT	M	PLOWING MLDBOARD	1.0000			.00
02/15/87	ESTABLISHMENT	E	NITROGEN (DRY)	60.0000	C	V	.00
02/20/87	ESTABLISHMENT	M	DISC OFFSET 12 FT	1.0000			.00
02/25/87	ESTABLISHMENT	E	PHOSPHATE	60.0000	C	V	.00
02/25/87	ESTABLISHMENT	M	APPLY.FERTILIZER	1.0000			.00
02/28/87	ESTABLISHMENT	O	IRRIGATION	4.0000			.00
03/10/87	ESTABLISHMENT	G	SPRIG & SPRIGGING	1.0000	C	V	.00
04/15/87	ESTABLISHMENT	E	HERBICIDE HAY	1.0000	C	V	.00
04/15/87	ESTABLISHMENT	M	SPRAYING 12 FT	1.0000			.00
04/20/87	ESTABLISHMENT	O	IRRIGATION	4.0000			.00
05/31/87	ESTABLISHMENT	M	PICKUP TRUCK 3/4 TON	5.0000			.00
06/10/87	FIRST CUTTING	G	MOH, RAKE & BALE	33.0000	C	V	.00
06/10/87	FIRST CUTTING	G	CUSTOM HAULING HAY	33.0000	C	V	.00
06/15/87	SECOND CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
06/15/87	SECOND CUTTING	M	APPLY.FERTILIZER	1.0000	C	V	.00
06/20/87	SECOND CUTTING	O	IRRIGATION	4.0000			.00
06/30/87		E	MISC ADMIN O/H	.5000		F	.00
07/15/87	SECOND CUTTING	G	CUSTOM HAULING HAY	33.0000	C	V	.00
07/15/87	SECOND CUTTING	G	MOH, RAKE & BALE	33.0000	C	V	.00
08/20/87	THIRD CUTTING	G	CUSTOM HAULING HAY	33.0000	C	V	.00
08/20/87	THIRD CUTTING	G	MOH, RAKE & BALE	33.0000	C	V	.00
08/25/87	FOURTH CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
08/25/87	FOURTH CUTTING	M	APPLY.FERTILIZER	1.0000			.00
08/30/87	FOURTH CUTTING	O	IRRIGATION	4.0000			.00
09/25/87	FOURTH CUTTING	G	CUSTOM HAULING HAY	33.0000	C	V	.00
09/25/87	FOURTH CUTTING	G	MOH, RAKE & BALE	33.0000	C	V	.00
09/30/87		K	LAND - CASH RENT HAYI	1.0000		F	.00

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**COASTAL BERMUDA HAY, IRRIGATED**  
 Southwest Texas District-13 (Wintergarden Region)  
 1987 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 BERMUDA	10.000	ton	50.0000	500.00	
Total GROSS Income				500.00	
<u>VARIABLE COST Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>\$ / Unit</u>	<u>Total</u>	
<b>FIRST CUTTING</b>					
NITROGEN (DRY)	60.000	lb.	.200	12.00	
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		0.21	
- Irrigation		Acre		20.66	
Repairs - Machinery		Acre		0.17	
- Irrigation		Acre		4.82	
Labor - Machinery	0.236	Hour	4.501	1.06	
- Irrigation	0.800	Hour	3.799	3.04	
Total FIRST CUTTING				124.55	
<b>SECOND CUTTING</b>					
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		0.39	
Repairs - Machinery		Acre		0.23	
Labor - Machinery	0.370	Hour	4.501	1.66	
Total SECOND CUTTING				84.28	
<b>THIRD CUTTING</b>					
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		0.21	
- Irrigation		Acre		10.33	
Repairs - Machinery		Acre		0.17	
- Irrigation		Acre		2.41	
Labor - Machinery	0.236	Hour	4.501	1.06	
- Irrigation	0.400	Hour	3.799	1.52	
Total THIRD CUTTING				97.70	
<b>FOURTH CUTTING</b>					
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		0.21	
- Irrigation		Acre		10.33	
Repairs - Machinery		Acre		0.17	
- Irrigation		Acre		2.41	
Labor - Machinery	0.236	Hour	4.501	1.06	
- Irrigation	0.400	Hour	3.799	1.52	
Total FOURTH CUTTING				97.70	
<b>FIFTH CUTTING</b>					
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		0.21	
- Irrigation		Acre		10.33	
Repairs - Machinery		Acre		0.17	
- Irrigation		Acre		2.41	
Labor - Machinery	0.236	Hour	4.501	1.06	
- Irrigation	0.400	Hour	3.799	1.52	
Total FIFTH CUTTING				97.70	
Interest - OC Borrowed	31.411	Dol.	0.100	3.14	
Total VARIABLE COST				505.06	
<i>Break-Even Price, Total Variable Cost \$ 50.50 per ton of HAY</i>					
GROSS INCOME minus VARIABLE COST				-5.06	
<u>FIXED COST Description</u>		<u>Unit</u>		<u>Total</u>	
MISC ADMIN O/H		acre		8.00	
Machinery and Equipment		Acre		11.36	
Irrigation		Acre		54.86	
Land		Acre		40.00	
Perennial Crop		Acre		25.27	
Total FIXED Cost				139.49	
<i>Break-Even Price, Total Cost \$ 64.45 per ton of HAY</i>					
Total of ALL Cost				644.55	
NET PROJECTED RETURNS				-144.55	

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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.
05/05/87	FIRST CUTTING	A	HAY BERMUDA	2.0000	.0000	C	.00	Y
06/10/87	SECOND CUTTING	A	HAY BERMUDA	2.0000	.0000	C	.00	Y
07/15/87	THIRD CUTTING	A	HAY BERMUDA	2.0000	.0000	C	.00	Y
08/20/87	FOURTH CUTTING	A	HAY BERMUDA	2.0000	.0000	C	.00	Y
09/25/87	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
02/15/87	FIRST CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
02/15/87	FIRST CUTTING	E	PHOSPHATE	60.0000	C	V	.00
02/15/87	FIRST CUTTING	M	APPLY.FERTILIZER	1.0000			.00
03/15/87	FIRST CUTTING	O	IRRIGATION	4.0000			.00
04/15/87	FIRST CUTTING	O	IRRIGATION	4.0000			.00
04/30/87	FIRST CUTTING	M	PICKUP TRUCK 3/4 TON	1.0000			.00
05/05/87	FIRST CUTTING	G	MOH, RAKE & BALE	66.6600			.00
05/05/87	FIRST CUTTING	G	CUSTOM HAULING HAY	66.6600			.00
05/10/87	SECOND CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
05/10/87	SECOND CUTTING	M	APPLY.FERTILIZER	1.0000			.00
05/31/87	SECOND CUTTING	M	PICKUP TRUCK 3/4 TON	5.0000			.00
06/10/87	THIRD CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
06/10/87	SECOND CUTTING	G	MOH, RAKE & BALE	66.6600	C	V	.00
06/10/87	SECOND CUTTING	G	CUSTOM HAULING HAY	66.6600	C	V	.00
06/15/87	THIRD CUTTING	M	APPLY.FERTILIZER	1.0000			.00
06/20/87	THIRD CUTTING	O	IRRIGATION	4.0000			.00
06/30/87	THIRD CUTTING	M	PICKUP TRUCK 3/4 TON	1.0000			.00
06/30/87		E	MISC ADMIN O/H	.5000		F	.00
07/15/87	THIRD CUTTING	G	CUSTOM HAULING HAY	66.6600	C	V	.00
07/15/87	THIRD CUTTING	G	MOH, RAKE & BALE	66.6600	C	V	.00
07/20/87	FOURTH CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
07/20/87	FOURTH CUTTING	M	APPLY.FERTILIZER	1.0000			.00
07/25/87	FOURTH CUTTING	O	IRRIGATION	4.0000			.00
07/31/87	FOURTH CUTTING	M	PICKUP TRUCK 3/4 TON	1.0000			.00
08/20/87	FOURTH CUTTING	G	MOH, RAKE & BALE	66.6600	C	V	.00
08/20/87	FOURTH CUTTING	G	CUSTOM HAULING HAY	66.6600	C	V	.00
08/25/87	FIFTH CUTTING	M	APPLY.FERTILIZER	1.0000			.00
08/25/87	FIFTH CUTTING	E	NITROGEN (DRY)	60.0000	C	V	.00
08/30/87	FIFTH CUTTING	O	IRRIGATION	4.0000			.00
08/31/87	FIFTH CUTTING	M	PICKUP TRUCK 3/4 TON	1.0000			.00
09/25/87	FIFTH CUTTING	G	MOH, RAKE & BALE	66.6600	C	V	.00
09/25/87	FIFTH CUTTING	G	CUSTOM HAULING HAY	66.6600	C	V	.00
09/30/87	FIFTH CUTTING	L	BERMUDA HAY IRRIG.	1.0000		F	.00
09/30/87	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)  
 1987 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	1b.	.210	12.60	_____
NITROGEN (ANHY)	60.000	1b.	.102	6.12	_____
SEED	40.000	1b.	.320	12.80	_____
NITROGEN (ANHY)	60.000	1b.	.102	6.12	_____
NITROGEN (ANHY)	60.000	1b.	.102	6.12	_____
Fuel & Lube - Machinery		Acre		3.40	_____
- Irrigation		Acre		41.31	_____
Repairs - Machinery		Acre		1.89	_____
- Irrigation		Acre		9.63	_____
Labor - Machinery	2.415	Hour	4.501	10.87	_____
- Irrigation	1.600	Hour	3.799	6.08	_____
Interest - OC Borrowed	16.456	Do1.	0.100	1.65	_____
Total VARIABLE COST				118.59	_____
<i>Break-Even Price, Total Variable Cost \$</i>				<i>0.19 per days of PASTURE</i>	
GROSS INCOME minus VARIABLE COST				61.41	_____
FIXED COST Description =====		Unit =====		Total =====	
MISC ADMIN O/H		acre		8.00	_____
Machinery and Equipment		Acre		24.23	_____
Irrigation		Acre		43.89	_____
Land		Acre		40.00	_____
Total FIXED Cost				116.12	_____
<i>Break-Even Price, Total Cost \$</i>				<i>0.39 per days of PASTURE</i>	
Total of ALL Cost				234.70	_____
NET PROJECTED RETURNS				-54.70	_____

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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.
04/01/87		A	PASTURE	SORGHUM	50.0000	.0000	C	.00 Y
05/01/87		A	PASTURE	SORGHUM	100.0000	.0000	C	.00 Y
06/01/87		A	PASTURE	SORGHUM	100.0000	.0000	C	.00 Y
07/01/87		A	PASTURE	SORGHUM	100.0000	.0000	C	.00 Y
08/01/87		A	PASTURE	SORGHUM	100.0000	.0000	C	.00 Y
09/01/87		A	PASTURE	SORGHUM	100.0000	.0000	C	.00 Y
10/01/87		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
11/05/86		M	SHREDDING	1.0000			.00
11/10/86		M	CHISELING	1.0000			.00
11/15/86		M	DISC OFFSET 12 FT	1.0000			.00
11/20/86		M	PLANING LAND	.2000			.00
11/25/86		M	DISC OFFSET 12 FT	.2000			.00
02/05/87		E	PHOSPHATE	60.0000	C	V	.00
02/05/87		M	APPLY. FERTILIZER	1.0000			.00
02/10/87		E	NITROGEN (ANHY)	60.0000	C	V	.00
02/10/87		M	ANHYDROUS APPL.	1.0000			.00
02/11/87		E	SEED SORGFORG	40.0000	C	V	.00
02/11/87		M	DRILLING	1.0000			.00
03/15/87		O	IRRIGATION	4.0000			.00
04/30/87		M	PICKUP TRUCK 3/4 TON	21.0000			.00
05/15/87		E	NITROGEN (ANHY)	60.0000	C	V	.00
05/15/87		M	ANHYDROUS APPL.	1.0000			.00
06/15/87		O	IRRIGATION	4.0000			.00
06/30/87		E	MISC ADMIN O/H	.5000		F	.00
07/15/87		E	NITROGEN (ANHY)	60.0000	C	V	.00
07/15/87		M	ANHYDROUS APPL.	1.0000			.00
07/20/87		O	IRRIGATION	4.0000			.00
08/25/87		O	IRRIGATION	4.0000			.00
10/31/87		K	LAND - CASH RENT SORGHUM	1.0000	C	F	.00

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**OATS FOR GRAZING, IRRIGATED**  
 Southwest Texas District-13 (Wintergarden Region)  
 1987 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
GRAZING OATS	400.000	days	0.3000	120.00	_____
<b>Total GROSS Income</b>				<b>120.00</b>	_____
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
PHOSPHATE	60.000	1b.	.210	12.60	_____
NITROGEN (ANHY)	60.000	1b.	.102	6.12	_____
SEED	64.000	1b.	.150	9.60	_____
NITROGEN (ANHY)	60.000	1b.	.102	6.12	_____
Fuel & Lube - Machinery		Acre		2.85	_____
- Irrigation		Acre		30.99	_____
Repairs - Machinery		Acre		1.63	_____
- Irrigation		Acre		7.22	_____
Labor - Machinery	2.001	Hour	4.501	9.00	_____
- Irrigation	1.200	Hour	3.800	4.56	_____
Interest - OC Borrowed	11.742	Dol.	0.100	1.17	_____
<b>Total VARIABLE COST</b>				<b>91.87</b>	_____
<i>Break-Even Price, Total Variable Cost \$ 0.22 per days of GRAZING</i>					
<b>GROSS INCOME minus VARIABLE COST</b>				<b>28.13</b>	_____
FIXED COST Description		Unit		Total	
MISC ADMIN O/H		acre		8.00	_____
Machinery and Equipment		Acre		20.26	_____
Irrigation		Acre		32.92	_____
Land		Acre		25.00	_____
<b>Total FIXED Cost</b>				<b>86.18</b>	_____
<i>Break-Even Price, Total Cost \$ 0.44 per days of GRAZING</i>					
<b>Total of ALL Cost</b>				<b>178.04</b>	_____
<b>NET PROJECTED RETURNS</b>				<b>-58.04</b>	_____

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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.
11/01/86		A	GRAZING OATS	80.0000	.0000	C	.00	Y
12/01/86		A	GRAZING OATS	80.0000	.0000	C	.00	Y
01/01/87		A	GRAZING OATS	80.0000	.0000	C	.00	Y
02/01/87		A	GRAZING OATS	80.0000	.0000	C	.00	Y
03/01/87		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
07/15/86		M	CHISELING	1.0000			.00
08/10/86		M	DISC OFFSET 12 FT	1.0000			.00
08/15/86		M	PLANING LAND	.2000			.00
08/20/86		M	DISC OFFSET 12 FT	.2000			.00
09/20/86		E	PHOSPHATE	60.0000	C	V	.00
09/20/86		M	APPLY.FERTILIZER	1.0000			.00
09/25/86		E	NITROGEN (ANHY)	60.0000	C	V	.00
09/25/86		M	ANHYDROUS APPL.	1.0000			.00
10/05/86		E	SEED OATS	64.0000	C	V	.00
10/05/86		M	DRILLING	1.0000			.00
10/20/86		O	IRRIGATION	4.0000			.00
10/31/86		M	PICKUP TRUCK 3/4 TON	21.0000			.00
12/15/86		O	IRRIGATION	4.0000			.00
01/15/87		E	NITROGEN (ANHY)	60.0000	C	V	.00
01/15/87		M	ANHYDROUS APPL.	1.0000			.00
02/15/87		O	IRRIGATION	4.0000			.00
03/31/87		K	SH. GRAINS PAST.	1.0000	C	V	.00
03/31/87		E	MISC ADMIN O/H	.5000		F	.00

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**FORAGE SORGHUM HAY, DRYLAND**  
 Southwest Texas District-13 (Wintergarden Region)  
 1987 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
HAY SORGHUM	4.500	ton	50.0000	225.00	
<b>Total GROSS Income</b>				<b>225.00</b>	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
<b>PLANTING</b>					
PHOSPHATE	40.000	1b.	.210	8.40	
NITROGEN (ANHY)	40.000	1b.	.102	4.08	
SEED	30.000	1b.	.320	9.60	
Fuel & Lube - Machinery		Acre		2.03	
Repairs - Machinery		Acre		1.38	
Labor - Machinery	1.483	Hour	4.501	6.67	
<b>Total PLANTING</b>				<b>32.16</b>	
<b>FIRST CUTTING</b>					
MOW, RAKE & BALE	33.000	bale	.900	29.70	
CUSTOM HAULING	33.000	bale	.150	4.95	
<b>Total FIRST CUTTING</b>				<b>34.65</b>	
<b>SECOND CUTTING</b>					
NITROGEN (ANHY)	40.000	1b.	.102	4.08	
MOW, RAKE & BALE	66.000	bale	.900	59.40	
CUSTOM HAULING	66.000	bale	.150	9.90	
Fuel & Lube - Machinery		Acre		0.20	
Repairs - Machinery		Acre		0.08	
Labor - Machinery	0.151	Hour	4.501	0.68	
<b>Total SECOND CUTTING</b>				<b>74.34</b>	
<b>THIRD CUTTING</b>					
MOW, RAKE & BALE	49.500	bale	.900	44.55	
CUSTOM HAULING	49.500	bale	.150	7.42	
<b>Total THIRD CUTTING</b>				<b>51.98</b>	
Interest - OC Borrowed	12.222	Dol.	0.100	1.22	
<b>Total VARIABLE COST</b>				<b>194.35</b>	
<i>Break-Even Price, Total Variable Cost \$ 43.18 per ton of HAY</i>					
<b>GROSS INCOME minus VARIABLE COST</b>				<b>30.65</b>	
FIXED COST Description		Unit		Total	Your Estimate
MISC ADMIN O/H		acre		4.80	
Machinery and Equipment		Acre		17.26	
Land		Acre		15.00	
<b>Total FIXED Cost</b>				<b>37.06</b>	
<i>Break-Even Price, Total Cost \$ 51.42 per ton of HAY</i>					
<b>Total of ALL Cost</b>				<b>231.41</b>	
<b>NET PROJECTED RETURNS</b>				<b>-6.41</b>	

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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.
05/05/87	FIRST CUTTING	A	HAY SORGHUM	1.0000	.0000	C	.00	Y
06/30/87	SECOND CUTTING	A	HAY SORGHUM	2.0000	.0000	C	.00	Y
09/20/87	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
10/15/86	PLANTING	M	SHREDDING	1.0000			.00
11/10/86	PLANTING	M	CHISELING	1.0000			.00
11/20/86	PLANTING	M	DISC OFFSET 12 FT	1.0000			.00
02/10/87	PLANTING	E	PHOSPHATE	40.0000	C	V	.00
02/10/87	PLANTING	M	APPLY.FERTILIZER	1.0000			.00
02/12/87	PLANTING	E	NITROGEN (ANHY)	40.0000	C	V	.00
02/12/87	PLANTING	M	ANHYDROUS APPL.	1.0000			.00
02/15/87	PLANTING	E	SEED SORGFORG	30.0000	C	V	.00
02/15/87	PLANTING	M	DRILLING	1.0000			.00
04/15/87	PLANTING	M	PICKUP TRUCK 3/4 TON	5.0000			.00
05/05/87	FIRST CUTTING	G	MOH, RAKE & BALE	33.0000	C	V	.00
05/05/87	FIRST CUTTING	G	CUSTOM HAULING HAY	33.0000	C	V	.00
05/10/87	SECOND CUTTING	E	NITROGEN (ANHY)	40.0000	C	V	.00
05/10/87	SECOND CUTTING	M	ANHYDROUS APPL.	1.0000			.00
06/30/87	SECOND CUTTING	G	MOH, RAKE & BALE	66.0000	C	V	.00
06/30/87	SECOND CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
06/30/87		E	MISC ADMIN O/H	.3000		F	.00
09/20/87	THIRD CUTTING	G	MOH, RAKE & BALE	49.5000	C	V	.00
09/20/87	THIRD CUTTING	G	CUSTOM HAULING HAY	49.5000	C	V	.00
09/30/87	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)  
 1987 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	10.000	ton	50.0000	500.00	
SORGHUM				500.00	
Total GROSS Income				500.00	
<u>VARIABLE COST Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>\$ / Unit</u>	<u>Total</u>	
PLANTING					
PHOSPHATE	60.000	lb.	.210	12.60	
NITROGEN (ANHY)	60.000	lb.	.102	6.12	
SEED	40.000	lb.	.320	12.80	
Fuel & Lube - Machinery		Acre		2.60	
- Irrigation		Acre		10.33	
Repairs - Machinery		Acre		1.44	
- Irrigation		Acre		2.41	
Labor - Machinery	1.942	Hour	4.501	8.74	
- Irrigation	0.400	Hour	3.799	1.52	
Total PLANTING				58.56	
FIRST CUTTING					
MOW, RAKE & BALE	66.000	bale	.900	59.40	
CUSTOM HAULING	66.000	bale	.150	9.90	
Fuel & Lube - Irrigation		Acre		10.33	
Repairs - Irrigation		Acre		2.41	
Labor - Irrigation	0.400	Hour	3.799	1.52	
Total FIRST CUTTING				83.56	
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		0.20	
Repairs - Machinery		Acre		0.08	
Labor - Machinery	0.151	Hour	4.501	0.68	
Total SECOND CUTTING				76.38	
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		0.20	
- Irrigation		Acre		10.33	
Repairs - Machinery		Acre		0.08	
- Irrigation		Acre		2.41	
Labor - Machinery	0.151	Hour	4.501	0.68	
- Irrigation	0.400	Hour	3.799	1.52	
Total THIRD CUTTING				90.63	
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		0.20	
- Irrigation		Acre		10.33	
Repairs - Machinery		Acre		0.08	
- Irrigation		Acre		2.41	
Labor - Machinery	0.151	Hour	4.501	0.68	
- Irrigation	0.400	Hour	3.799	1.52	
Total FOURTH CUTTING				90.63	
FIFTH CUTTING					
MOW, RAKE & BALE	66.000	bale	.900	59.40	
CUSTOM HAULING	66.000	bale	.150	9.90	
Fuel & Lube - Irrigation		Acre		10.33	
Repairs - Irrigation		Acre		2.41	
Labor - Irrigation	0.400	Hour	3.799	1.52	
Total FIFTH CUTTING				83.56	
Interest - DC Borrowed	34.233	Dol.	0.100	3.42	
Total VARIABLE COST				486.73	
<i>Break-Even Price, Total Variable Cost \$ 48.67 per ton of HAY</i>					
GROSS INCOME minus VARIABLE COST				13.27	
<u>FIXED COST Description</u>		<u>Unit</u>		<u>Total</u>	
MISC ADMIN O/H		acre		8.00	
Machinery and Equipment		Acre		23.51	
Irrigation		Acre		54.86	
Land		Acre		40.00	
Total FIXED Cost				126.37	
<i>Break-Even Price, Total Cost \$ 61.30 per ton of HAY</i>					
Total of ALL Cost				613.11	
NET PROJECTED RETURNS				-113.11	

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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.
05/05/87	FIRST CUTTING	A	HAY SORGHUM	2.0000	.0000	C	.00	Y
06/10/87	SECOND CUTTING	A	HAY SORGHUM	2.0000	.0000	C	.00	Y
07/15/87	THIRD CUTTING	A	HAY SORGHUM	2.0000	.0000	C	.00	Y
08/20/87	FOURTH CUTTING	A	HAY SORGHUM	2.0000	.0000	C	.00	Y
09/25/87	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
11/05/86	PLANTING	M	SHREDDING	1.0000			.00
11/10/86	PLANTING	M	CHISELING	1.0000			.00
11/15/86	PLANTING	M	DISC OFFSET 8 FT	.2000			.00
11/20/86	PLANTING	M	PLANING LAND	.2000			.00
11/25/86	PLANTING	M	DISC OFFSET 8 FT	.2000			.00
02/10/87	PLANTING	E	PHOSPHATE	60.0000	C	V	.00
02/10/87	PLANTING	M	APPLY FERTILIZER	1.0000			.00
02/12/87	PLANTING	E	NITROGEN (ANHY)	60.0000	C	V	.00
02/12/87	PLANTING	M	ANHYDROUS APPL.	1.0000			.00
02/15/87	PLANTING	E	SEED SORGFORG	40.0000	C	V	.00
02/15/87	PLANTING	M	DRILLING	1.0000			.00
02/25/87	PLANTING	O	IRRIGATION	4.0000			.00
03/15/87	PLANTING	M	PICKUP TRUCK 3/4 TON	20.0000			.00
04/25/87	FIRST CUTTING	O	IRRIGATION	4.0000			.00
05/05/87	FIRST CUTTING	G	MOW, RAKE & BALE	66.0000	C	V	.00
05/05/87	FIRST CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
05/10/87	SECOND CUTTING	E	NITROGEN (ANHY)	60.0000	C	V	.00
05/10/87	SECOND CUTTING	M	ANHYDROUS APPL.	1.0000			.00
06/10/87	SECOND CUTTING	G	MOW, RAKE & BALE	66.0000	C	V	.00
06/10/87	SECOND CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
06/15/87	THIRD CUTTING	E	NITROGEN (ANHY)	60.0000	C	V	.00
06/15/87	THIRD CUTTING	M	ANHYDROUS APPL.	1.0000			.00
06/20/87	THIRD CUTTING	O	IRRIGATION	4.0000	C	V	.00
07/15/87	THIRD CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
07/15/87	THIRD CUTTING	G	MOW, RAKE & BALE	66.0000	C	V	.00
07/20/87	FOURTH CUTTING	M	ANHYDROUS APPL.	1.0000			.00
07/20/87	FOURTH CUTTING	E	NITROGEN (ANHY)	60.0000	C	V	.00
07/25/87	FOURTH CUTTING	O	IRRIGATION	4.0000	C	V	.00
08/20/87	FOURTH CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
08/20/87	FOURTH CUTTING	G	MOW, RAKE & BALE	66.0000	C	V	.00
08/25/87	FIFTH CUTTING	O	IRRIGATION	4.0000	C	V	.00
09/25/87	FIFTH CUTTING	G	MOW, RAKE & BALE	66.0000	C	V	.00
09/25/87	FIFTH CUTTING	G	CUSTOM HAULING HAY	66.0000	C	V	.00
09/30/87		K	LAND - CASH RENT SORGHUMI	1.0000		F	.00
09/30/87		E	MISC ADMIN O/H	.5000		F	.00

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**CORN FOR SILAGE, IRRIGATED**  
 Southwest Texas District-13 (Wintergarden Region)  
 1987 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
CORN SILAGE	15.000	ton	18.0000	270.00	
<b>Total GROSS Income</b>				<b>270.00</b>	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
PREHARVEST					
PHOSPHATE	80.000	lb.	.210	16.80	
NITROGEN (ANHY)	160.000	lb.	.102	16.32	
SEED	20.000	lb.	1.000	20.00	
HERBICIDE	1.000	acre	15.000	15.00	
HERBICIDE APPL.	1.000	acre	3.000	3.00	
INSECTICIDE	1.000	appl	8.000	8.00	
Fuel & Lube - Machinery		Acre		5.93	
- Irrigation		Acre		41.31	
Repairs - Machinery		Acre		2.75	
- Irrigation		Acre		9.63	
Labor - Machinery	2.778	Hour	4.501	12.50	
- Irrigation	1.600	Hour	3.799	6.08	
<b>Total PREHARVEST</b>				<b>157.33</b>	
Interest - DC Borrowed	70.579	Dol.	0.100	7.06	
<b>Total VARIABLE COST</b>				<b>164.39</b>	
<i>Break-Even Price, Total Variable Cost \$ 10.95 per ton of CORN SILAGE</i>					
<b>GROSS INCOME minus VARIABLE COST</b>				<b>105.61</b>	
FIXED COST Description		Unit		Total	Your Estimate
MISC ADMIN O/H		acre		8.00	
Machinery and Equipment		Acre		36.14	
Irrigation		Acre		43.89	
Land		Acre		15.00	
<b>Total FIXED Cost</b>				<b>103.03</b>	
<i>Break-Even Price, Total Cost \$ 17.82 per ton of CORN SILAGE</i>					
<b>Total of ALL Cost</b>				<b>267.42</b>	
<b>NET PROJECTED RETURNS</b>				<b>2.58</b>	

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	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
07/15/87	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
08/10/86	PREHARVEST	M	CHISELING	1.0000			.00
08/15/86	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
08/20/86	PREHARVEST	M	PLANING LAND	.2000			.00
08/25/86	PREHARVEST	M	DISC OFFSET 12 FT	.2000			.00
10/15/86	PREHARVEST	M	DISC OFFSET 12 FT	1.0000			.00
11/15/86	PREHARVEST	M	BEDDING 6 ROW	1.0000			.00
12/15/86	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
12/20/86	PREHARVEST	M	PICKUP TRUCK 3/4 TON	20.0000			.00
02/05/87	PREHARVEST	E	PHOSPHATE	80.0000	C	V	.00
02/05/87	PREHARVEST	M	APPLY.FERTILIZER	1.0000			.00
02/07/87	PREHARVEST	E	NITROGEN (ANHY)	160.0000	C	V	.00
02/07/87	PREHARVEST	M	ANHYDROUS APPL.	1.0000			.00
02/10/87	PREHARVEST	E	SEED CORN-SIL	20.0000	C	V	.00
02/10/87	PREHARVEST	M	PLANTING 6 ROW	1.0000			.00
02/15/87	PREHARVEST	E	HERBICIDE CORN	1.0000	C	V	.00
02/15/87	PREHARVEST	G	HERBICIDE APPL.	1.0000	C	V	.00
02/15/87	PREHARVEST	E	INSECTICIDE CORN	1.0000	C	V	.00
02/20/87	PREHARVEST	O	IRRIGATION	4.0000			.00
03/15/87	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
03/20/87	PREHARVEST	O	IRRIGATION	4.0000			.00
04/15/87	PREHARVEST	M	CULTIVATING 6ROW ROLLING	1.0000			.00
04/20/87	PREHARVEST	O	IRRIGATION	4.0000			.00
05/20/87	PREHARVEST	O	IRRIGATION	4.0000			.00
06/30/87	PREHARVEST	E	MISC ADMIN O/H	.5000		F	.00
07/31/87	PREHARVEST	K	LAND - CASH RENT FORAGE	1.0000		F	.00

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