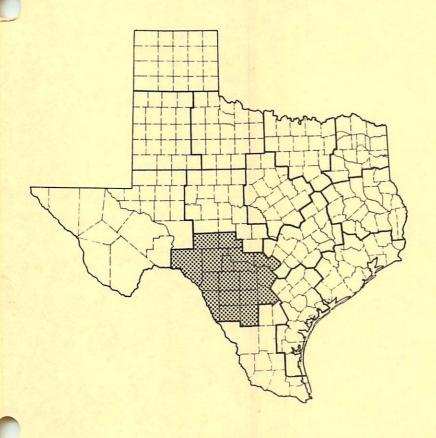
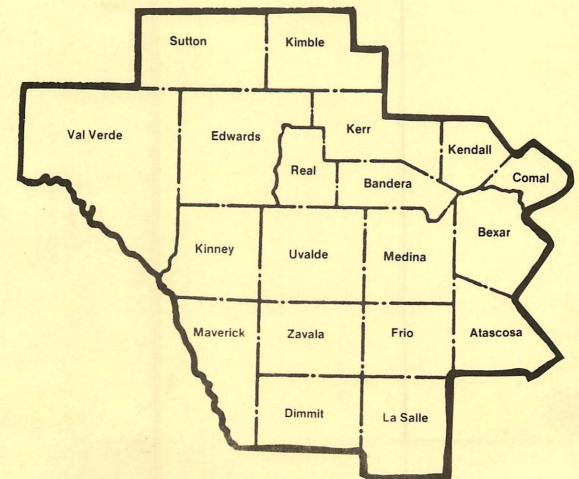
SOUTHWEST TEXAS

DISTRICT 13

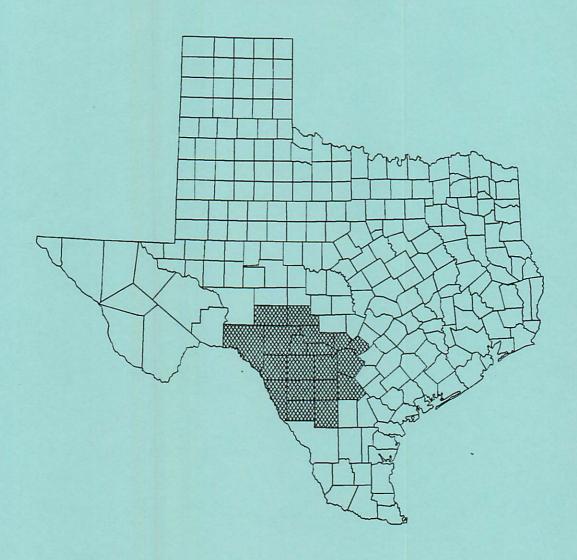




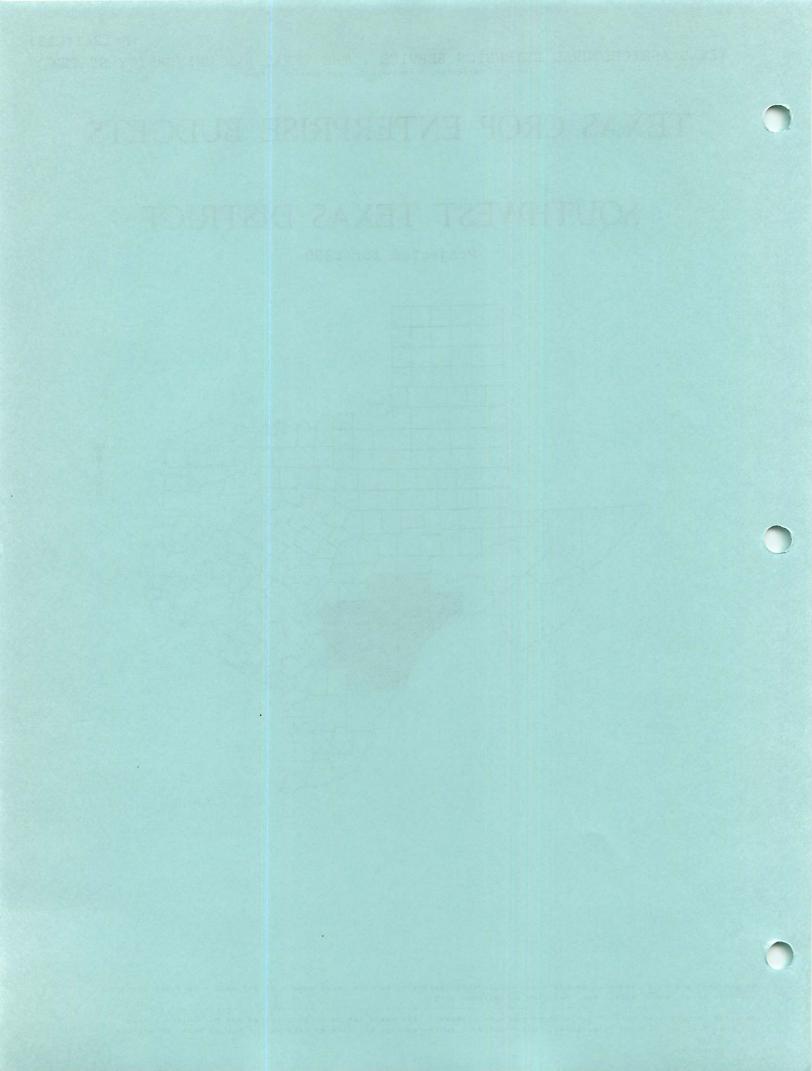
TEXAS CROP ENTERPRISE BUDGETS

SOUTHWEST TEXAS DISTRICT

Projected for 1990



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



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

		•	_		Your
GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Estimate
	========	====			========
GRAZING* BERMUDA	100.000	days	0.3000	30.00	
T-1-1 ADDDD -				=======================================	
Total GROSS Income				30.00	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
		2022	=======================================		
NITROGEN (DRY)	50.000	1b.	. 250	12.50	
PHOSPHATE	30.000	1b.	. 250	7.50	
SPRIG &SPRIGGING	1.000		25.000		
HERBICIDE	1.000	acre	2.400	25.00	
Fuel & Lube - Machinery	1.000	Acre	2.400		
Repairs - Machinery		Acre		8.10	
Labor - Machinery	1.517		4 500	1.97	
Interest - DC Borrowed			4.560	6.92	
Titterest - OC BONTOWED	38.674	Dol.	0.110	4.25	
Total VARIABLE COST				=========	
TOTAL VARIABLE COST				68.64	
Break-Even Price, Total Variable	Cost \$ 0	.68 pe	r days of GRA	ZING*	
GROSS INCOME minus VARIABLE COST				-38.64	
THE THE PARTY OF T				-38.64	
FIXED COST Description		Unit		Total	
=======================================		====			
MISC ADMIN O/H		acre		4.80	
Machinery and Equipment		Acre		25.36	
Land		Acre		10.00	
				8888888888	
Total FIXED Cost			•	40.16	
Break-Even Price, Total Cost \$	1.08 per da	vs of	GRAZING*		
Total of ALL Cost	•	-			
TOTAL OF ALL COST				108.80	
NET PROJECTED RETURNS				-78.80	

Grazing is based on the number of Animal Unit Days.

DATE STAGE TYPE PRODUCT NAME NUMBER MEIGHT OF OF OF PER PRODUCTION PROD. UNITS HEAD	CASH LANDLORD NON- SHARE CASH	EVEN PROD.
10000 Edition		
10/01/90 A GRAZING* BERMUDA 20.0000 .0000	C .00	Y
PRODUCTION INPUT UNITS CASH VARI.	ANDLORD SHARE	
02/10/90 M PLOWING MLDBOARD 1.0000	.00	
02/20/90 M DISC OFFSET 12 FT 1.0000	.00	
03/10/90 E NITROGEN (DRY) 50.0000 C V	.00	
03/10/90 E PHOSPHATE 30,0000 C V	.00	
03/10/90 M APPLY.FERTILIZER 1.0000	.00	
03/20/90 G SPRIG &SPRIGGING 1.0000 C V	.00	
04/15/90 E HERBICIDE HAY 1.0000 C V	.00	
04/15/90 M SPRAYING 12 FT 1.0000	.00	
04/30/90 M PICKUP TRUCK 3/4 TON 5.0000	.00	
06/30/90 E MISC ADMIN 0/H .3000 F	.00	
10/31/90 K LAND - CASH RENT PASTURE 1.0000 F	.00	

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

GROSS INCOME Description GRAZING* BERMUDA	Quantity 200.000	Unit ==== days	\$ / Unit 0.3000	Total 60.00	Your Estimate
Total GROSS Income				60.00	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
NITROGEN (DRY) PHOSPHATE HERBICIDE NITROGEN (DRY) NITROGEN (DRY) Fuel & Lube - Machinery Repairs - Machinery Labor - Machinery Interest - OC Borrowed	30.000 30.000 1.000 30.000 30.000 1.175 7.074	lb. lb. acre lb. Acre Acre Hour Dol.	.250 .250 2.400 .250 .250	7.50 7.50 2.40 7.50 4.05 0.95 5.36 0.78	
Total VARIABLE COST				43.54	
Break-Even Price, Total Variable	Cost \$ 0	.21 pe	r days of GRA	ZING*	
GROSS INCOME minus VARIABLE COST				16.46	
FIXED COST Description MISC ADMIN O/H Machinery and Equipment Land Perennial Crop		Unit acre Acre Acre Acre		Total 4.80 14.16 10.00 10.15	
Total FIXED Cost				39.12	
Break-Even Price, Total Cost \$	0.41 per da	ys of	GRAZING*		
Total of ALL Cost				82.66	
NET PROJECTED RETURNS				-22.66	

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

0.75	CT + CF	TV05	2222427	*****					
DATE	STAGE	TYPE	PRODUCT	NAME	NUMBER	HEIGHT	CASH	LANDLORD	BREAK
	OF	OF			OF	PER	NON-	SHARE	EVEN
	PRODUCTION	PROD.			UNITS	HEAD	CASH		PROD.
88888888			80886666666666	***********			00000	00008888	-
03/01/ 9 0		A	GRAZING*	BERMUDA	10.0000	.0000	C	.00	Y
04/01/90		A	GRAZING*	BERMUDA	20.0000	.0000	С	.00	Y
05/01/90		A	GRAZING*	BERMUDA	30.0000	.0000	С	.00	Y
06/01/90		A	GRAZING*	BERMUDA	25.0000	.0000	C	.00	Ý
07/01/90		Α	GRAZING*	BERMUDA	20.0000	.0000	Ċ	.00	Ý
08/01/90		Α	GRAZING*	BERMUDA	20.0000	.0000	Č	.00	Ý
09/01/90		A	GRAZING*	BERMUDA	30.0000	.0000	č	.00	Ý
10/01/90		A	GRAZING*	BERMUDA	25,0000	.0000	č	.00	Ý
11/01/90		A	GRAZING*	BERMUDA	20.0000	.0000	Č	.00	Ý
DATE	STAGE	TYPE	INPUT	NAME	NUMBER	CASH FIXED LA	ANDLORE)	
	OF PRODUCTION	OF INPUT			OF UNITS	NON- OR S	SHARE		

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

		. а. т. с	CI ACIE		V
GROSS INCOME Description GRAZING* BERMUDA	Quantity ======== 240.000		80000000000	72.00	Your Estimate
Total GROSS Income				72.00	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
HERBICIDE NITROGEN (DRY) PHOSPHATE SPRIG &SPRIGGING NITROGEN (DRY) NITROGEN (DRY) Fuel & Lube - Machinery - Irrigation Repairs - Machinery - Irrigation Labor - Machinery - Irrigation Interest - OC Borrowed Total VARIABLE COST Break-Even Price, Total Variable	1.000 60.000 60.000 1.000 60.000 60.000	Hour Dol.	4.560 4.559 0.110	2.40 15.00 15.00 25.00 15.00 15.00 9.72 44.49 2.36 9.63 8.77 7.30 8.19	
GROSS INCOME minus VARIABLE COST	cost \$ 0	pe	r days or GRA	-105.86	
FIXED COST Description MISC ADMIN 0/H Machinery and Equipment Irrigation Land		Unit acre Acre Acre Acre		Total 8.00 30.61 51.63 25.00	
Total FIXED Cost				115.25	
Break-Even Price, Total Cost \$	1.22 per da	ys of	GRAZING*		
Total of ALL Cost				293.11	
NET PROJECTED RETURNS				-221.11	

Grazing is based on the number of Animal Unit Days.

DATE	STAGE OF PRODUCTION	TYPE OF PRCD.	PRODUCT	NAME	NUMBER OF UNITS	H	EIGHT PER EAD	NON- Cash	LANDLORD SHARE	EVEN PROD.
06/01/90		A	GRAZING*	BERMUDA	(0.000				00000000	
07/01/90		Ä	GRAZING*	BERMUDA	60.0000		.000	-	.00	Y
08/01/90		Ä	GRAZING*	BERMUDA	60.0000		.000		.00	Y
09/01/90		Ã	GRAZING*		60.0000		.000	-	.00	Y
03/01/30		A	GRAZING*	BERMUDA	60.0000		.000	00 C	.00	Y
DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT	NAME	NUMBER OF Units	CASH NON- CASH	OR VARI.	LANDLORD SHARE	l	
02/10/90		M	PLOWING	MLDBOARD	1 0000		80800			
02/15/90		Ä	DISC OFFSET	12 FT	1.0000			.00		
02/20/90		Ë	HERBICIDE	HAY	1.0000	_		.00		
02/20/90		M	SPRAYING	12 FT	1.0000	С	٧	.00		
02/25/90		E	NITROGEN (DRY)		1.0000	_		.00		
02/25/90		E	PHOSPHATE		60.0000	C	V	.00		
02/25/90		M	APPLY.FERTILIZ	- 0	60.0000	С	٧	.00		
02/28/90		0	IRRIGATION	EK	1.0000			.00		
03/10/90		Ğ	SPRIG &SPRIGGI	NC.	4.0000	_		.00		
03/31/90		-			1.0000	С	٧	.00		
04/20/90		M	PICKUP TRUCK	3/4 TON	5.0000			.00		
06/15/90		0	IRRIGATION		4.0000			.00		
06/15/90		M E	APPLY.FERTILIZ	EK	1.0000	_		.00		
06/20/90		0	NITROGEN (DRY)		60.0000	С	٧	.00		
06/30/90		-	IRRIGATION		4.0000			.00		
		E	MISC ADMIN O/H		.5000		F	.00		
08/15/90		M	APPLY.FERTILIZ	ER	1.0000			.00		
08/15/90		E	NITROGEN (DRY)		60.0000	С	٧	.00		
08/20/90		0	IRRIGATION		4.0000			.00		
09/30/90		K	LAND - CASH RE	NT PASTUREI	1.0000	С	F	.00		

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

		н	C. AC. C		Varia
GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
	========	====	200000000000	===========	200000000
GRAZING* BERMUDA	600.000	days	0.3000	180.00	
•		•		=========	
Total GROSS Income				180.00	
VADIABLE COCT December 1					
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
	==========	====		******	
NITROGEN (DRY)	60.000	1b.	. 250	45.00	
PHOSPHATE	60.000	1b.	. 250	15.00	
HERBICIDE	1.000	acre	2.400	15.00	
NITROGEN (DRY)	60.000	lb.	. 250	2.40	
NITROGEN (DRY)	60.000	1b.		15.00	
NITROGEN (DRY)			. 250	15.00	
NITROGEN (DRY)	60.000	1b.	. 250	15.00	
Fig. 2 Libbs Machines	60.000	lb.	. 250	15.00	
Fuel & Lube - Machinery		Acre		6.32	
- Irrigation		Acre		55.62	
Repairs - Machinery		Acre		1.48	
- Irrigation		Acre		12.04	
Labor - Machinery	1.794	Hour	4.561	8.18	
- Irrigation	2.000	Hour	4.559	9.12	
Interest - OC Borrowed	43.886	Dol.	0.110	4.83	
			• • • • • • • • • • • • • • • • • • • •		
Total VARIABLE COST				189.98	
Break-Even Price, Total Variable	e Cost \$ C	.31 pe	r days of GRA	ZING*	
GROSS INCOME minus VARIABLE COST					
GROSS TROUBL MITTIGS VARIABLE COST				-9.98	
FIXED COST Description		Unit		Total	
=======================================		====		=========	
MISC ADMIN O/H		acre		8.00	
Machinery and Equipment		Acre			
Irrigation				21.61	
Land		Acre		64.54	
Perennial Crop		Acre		25.00	
Perennial Crop		Acre		21.16	
T-4-1 FIVED A					
Total FIXED Cost				140.32	
Break-Even Price, Total Cost \$	0.55 per da	ys of	GRAZ I NG*		
Total of ALL Cost				330.30	
NET PROJECTED RETURNS				450.00	
NET PRODUCTED RETURNS				-150.30	

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

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

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT	NAME	NUMBER OF Units	н	EIGHT PER EAD	NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
04/01/90		A	GRAZING*	BERMUDA	50.0000	82265	.000		.00	Y
05/01/90		Ä	GRAZING*	BERMUDA	100.0000		.000		.00	Ý
06/01/90		A	GRAZING*	BERMUDA	100.0000		.000		.00	Ý
07/01/90		A	GRAZING*	BERMUDA	100.0000		.000		.00	Ý
08/01/90		A	GRAZING*	BERMUDA	100.0000		.000		.00	Ÿ
09/01/90		A	GRAZING*	BERMUDA	100.0000		.000		.00	Ý
10/01/90		A	GRAZING*	BERMUDA	50.0000		.000		.00	Ý
DATE	STAGE	TYPE	INPUT	NAME	NUMBER	CASH	FIXED	LANDLORD)	
	OF	OF			OF	NON-	OR	SHARE		
00000000	PRODUCTION	INPUT			UNITS	CASH	VARI.			
02/10/90		E	NITROGEN (DRY)		60.0000	C	A	.00		
02/10/90		M	APPLY.FERTILIZ		1.0000	•	•	.00		
02/10/90		E	PHOSPHATE		60.0000	С	٧	.00		
02/15/90		0	IRRIGATION		4.0000	_		.00		
02/20/90		E	HERBICIDE	HAY	1.0000	С	٧	.00		
02/20/90		М	SPRAYING	12 FT	1.0000	-	•	.00		
02/28/90		М	SHREDDING		1.0000			.00		
04/20/90		0	IRRIGATION		4.0000			.00		
04/30/90		М	PICKUP TRUCK	3/4 TON	5.0000			.00		
05/15/90		Ε	NITROGEN (DRY)		60.0000	С	٧	.00		
05/15/90		M	APPLY.FERTILIZ	ER	1.0000			.00		
06/15/90		Ε	NITROGEN (DRY)		60.0000	С	٧	.00		
06/15/90		М	APPLY.FERTILIZ	ER	1.0000			.00		
06/20/90		0	IRRIGATION		4.0000			.00		
06/30/90		Ε	MISC ADMIN O/H	ı	.5000		F	.00		
07/15/90		E	NITROGEN (DRY)		60.0000	С	Ý	.00		
07/15/90		M	APPLY.FERTILIZ	ER	1.0000			.00		
07/20/90		0	IRRIGATION		4.0000			.00		
08/15/90		E	NITROGEN (DRY)		60.0000	С	٧	.00		
08/15/90		М	APPLY.FERTILIZ	ER	1.0000	-	•	.00		
08/20/90		0	IRRIGATION		4.0000			.00		
10/31/ 9 0		K	LAND - CASH RE	NT PASTUREI	1.0000	С	F	.00		
10/31/90		L	BERMUDA PASTUR	E IRRIG.	1.0000	-	F	.00		

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

	1990 Projected	Costs and Ref	turns p	er Acre		V
GROSS INCOME DE	BERMUDA	Quantity 4.000	Unit	\$ / Unit 65.0000	Total 260.00	Your Estimate
					260.00	
VARIABLE COST D	**********	Quantity	Unit	\$ / Unit	Total	
NITROGEN (D PHOSPHATE SPRIG &SPRI HERBICIDE	RY) GGING	60.000 60.000 1.000 1.000	lb. lb. acre acre	.250 .250 25.000 2.400	15.00 15.00 25.00 2.40	
Fuel & Lube Repairs	- Machinery - Irrigation - Machinery		Acre Acre Acre	27.700	8.10 22.25 1.97	
Labor	- Irrigation - Machinery	1.517	Acre Hour	4.560	4.82 6.92	
Total FOTABLE	- Irrigation	0.800	Hour	4.559	3.65	
Total ESTABLI FIRST CUTTING					105.10	
MOW, RAKE & CUSTOM HAUL		33.000 33.000	bale bale	. 900 . 150	29.70 4.95	
Total FIRST C	G				34.65	
NITROGEN (D CUSTOM HAUL MOW, RAKE & Fuel & Lube	ING BALE - Machinery	60.000 33.000 33.000	lb. bale bale Acre	. 250 . 150 . 900	15.00 4.95 29.70 0.81	
Repairs	- Irrigation - Machinery - Irrigation		Acre Acre Acre		11.12 0.19 2.41	
Labor	- Machinery - Irrigation	0.203 0.400		4.561 4.559	0.93 1.82	
Total SECOND THIRD CUTTING					66.94	·
CUSTOM HAUL MOW, RAKE &		33.000 33.000	bale bale	. 150 . 900	4.95 29.70	
Total THIRD C FOURTH CUTTIN NITROGEN (D	G	60,000	16	050	34.65	
CUSTOM HAUL	INĞ	60.000 33.000	lb. bale	. 250 . 150	15.00 4.95	
MOW, RAKE & Fuel & Lube	BALE - Machinery - Irrigation	33.000	bale Acre Acre	. 900	29.70 0.81 11.12	
Repairs	- Machinery - Irrigation		Acre Acre		0.19 2.41	
Labor	- Machinery - Irrigation	0.203 0.400	Hour Hour	4.561 4.559	0.93 1.82	
Total FOURTH	CUTTING				66.94	
Interest	- OC Borrowed	68.018	Dol.	0.110	7.48	
Total VARIABLE					315.75	***************************************
	ice, Total Variable	Cost \$ 78	.93 pe	r ton of HAY		
GROSS INCOME mi	nus VARIABLE COST				-55.75	
FIXED COST Desc MISC ADMIN 0/ Machinery and Irrigation Land	======================================		Unit acre Acre Acre Acre		Total 8.00 30.61 51.63 40.00	
Total FIXED Cos	t				130.25	
Break-Even Pr	ice, Total Cost \$	111.49 per to	n of H	AY		
Total of ALL Co	st				446.00	
NET PROJECTED R	ETURNS				-186.00	

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.

DATE	STAGE OF PRODUCTION	TYPE OF PRCD.	PRODUCT	NAME	NUMBER OF Units	MEIGHT PER HEAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
22222222	20000000000000000	00000	000000000000000				assas	*********	22533
06/10/90	FIRST CUTTING	A	HAY	BERMUDA	1.0000	.0000	С	.00	Υ
07/15/90	SECOND CUTTING	A	HAY	BERMUDA	1.0000	.0000	С	.00	Υ
08/20/90	SECOND CUTTING	A	HAY	BERMUDA	1.0000	.0000	С	.00	Υ
09/25/90	SECOND CUTTING	A	HAY	BERMUDA	1.0000	.0000	С	.00	Υ

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT	NAME	NUMBER OF UNITS	CASH NON- CASH	OR VARI.	LANDLORD SHARE
02/10/90	ESTABLISHMENT	М	PLOWING	MLDBOARD	1.0000			.00
	ESTABLISHMENT	Ë	NITROGEN (DRY)		60.0000	С	V	.00
	ESTABLISHMENT	M	DISC OFFSET	12 FT	1.0000	•	•	.00
02/25/90	ESTABLISHMENT	E	PHOSPHATE		60.0000	С	٧	.00
02/25/90	ESTABLISHMENT	H	APPLY.FERTILIZ	ER	1.0000	-	•	.00
02/28/90	ESTABLISHMENT	Ö	IRRIGATION		4.0000			.00
03/10/90	ESTABLISHMENT	G	SPRIG &SPRIGGI	NG	1.0000	С	٧	.00
04/15/90	ESTABLISHMENT	E	HERBICIDE	HAY	1.0000	Č	Ý	.00
04/15/90	ESTABLISHMENT	М	SPRAYING	12 FT	1.0000	-		.00
04/20/90	ESTABLISHMENT	0	IRRIGATION		4.0000			.00
05/31/90	ESTABLISHMENT	M	PICKUP TRUCK	3/4 TON	5.0000			.00
06/10/90	FIRST CUTTING	G	MOH, RAKE & BA	LE	33.0000	С	٧	.00
06/10/90	FIRST CUTTING	G	CUSTOM HAULING	HAY	33.0000	С	٧	.00
	SECOND CUTTING	E	NITROGEN (DRY)		60.0000	С	٧	.00
	SECOND CUTTING	М	APPLY.FERTILIZ	ER	1.0000	С	٧	.00
	SECOND CUTTING	0	IRRIGATION		4.0000			.00
06/30/90		E	MISC ADMIN O/H		.5000		F	.00
	SECOND CUTTING	G	CUSTOM HAULING	HAY	33.0000	С	٧	.00
	SECOND CUTTING	G	MOW, RAKE & BAI	LE	33.0000	С	٧	.00
	THIRD CUTTING	G	CUSTOM HAULING	HAY	33.0000	С	٧	.00
	THIRD CUTTING	G	MOW, RAKE & BAI	LE	33.0000	С	٧	.00
	FOURTH CUTTING	Ε	NITROGEN (DRY)		60.0000	C	٧	.00
	FOURTH CUTTING	М	APPLY. FERTILIZ	ER	1.0000			.00
	FOURTH CUTTING	0	IRRIGATION		4.0000			.00
	FOURTH CUTTING	G	CUSTOM HAULING	HAY	33.0000	С	٧	.00
	FOURTH CUTTING	G	MOW, RAKE & BAI		33.0000	С	٧	.00
09/30/90		K	LAND - CASH REI	IYAH TM	1.0000		F	.00

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

GROSS INCOME Description HAY BERMUDA	Quantity 10.000	•	\$ / Unit 65.0000	Total	Your Estimate
Total GROSS Income				650.00	
VARIABLE COST Description FIRST CUTTING	Quantity	<u>Unit</u>	\$ / Unit	Total	
NITROGEN (DRY) PHOSPHATE	60.000	1b.	. 250	15.00	
MOW, RAKE & BALE	60.000 66.660	lb. bale	. 250 . 900	15.00 59.99	
CUSTOM HAULING Fuel & Lube - Machinery	66.660	bale Acre	. 150	9.99	
- Irrigation		Acre		0.87 22.25	
Repairs - Machinery - Irrigation		Acre Acre		0.21	
Labor - Machinery	0.236	Hour	4.561	4.82 1.08	
- Irrigation Total FIRST CUTTING SECOND CUTTING	0.800	Hour	4.559	3.65 132.86	
NITROGEN (DRY)	60.000	1b.	. 250	15.00	
MOW, RAKE & BALE Custom Hauling	66.660 66.660	bale bale	. 900 . 150	59.99 9.99	
Fuel & Lube - Machinery	00.000	Acre	. 150	1.12	
Repairs - Machinery Labor - Machinery	0.370	Acre	4.561	0.27 1.69	
Total SECOND CUTTING	0.570	110ai	4.501	88.07	
THIRD CUTTING NITROGEN (DRY)	60.000	1b.	. 250	15.00	
CUSTOM HAULING	66.660	bale	. 150	9.99	
MOW, RAKE & BALE Fuel & Lube - Machinery	66.660	bale Acre	. 900	59.99 0.87	
- Irrigation		Acre		11.12	
Repairs - Machinery - Irrigation		Acre Acre		0.21 2.41	
Labor - Machinery	0.236	Hour	4.561	1.08	
- Irrigation Total THIRD CUTTING	0.400	Hour	4.559	1.82	
FOURTH CUTTING		• •			
NITROGEN (DRY) Mow, rake & bale	60.000 66.660	lb. bale	. 250 . 900	15.00 59.99	
CUSTOM HAULING	66.660	bale	. 150	9.99	
Fuel & Lube - Machinery - Irrigation		Acre Acre		0.87 11.12	
Repairs - Machinery		Acre		0.21	
- Irrigation Labor - Machinery	0.236	Acre Hour	4.561	2.41 1.08	
 Irrigation Total FOURTH CUTTING 	0.400	Hour	4.559	1.82	
FIFTH CUTTING				102.51	
NITROGEN (DRY) Mow, rake & bale	60.000 66.660	lb. bale	. 250	15.00	
CUSTOM HAULING	66.660		. 900 . 150	59.99 9.99	
Fuel & Lube - Machinery - Irrigation		Acre Acre		0.87	
Repairs - Machinery		Acre		11.12 0.21	
- Irrigation Labor - Machinery	0.236	Acre Hour	4.561	2.41 1.08	
- Irrigation	0.400		4.559	1.82	
Total FIFTH CUTTING				102.51	
Interest - OC Borrowed Total VARIABLE COST	16.861	Dol.	0.110	1.85 530.32	
Break-Even Price, Total Variable GROSS INCOME minus VARIABLE COST	Cost \$ 53	.03 per	r ton of HAY	119.68	
FIXED COST Description		<u>Unit</u>		Total	
MISC ADMIN O/H Machinery and Equipment		acre Acre		8.00 15.04	
Irrigation		Acre		64.54	
Land Perennial Crop		Acre Acre		40.00 17.80	
Total FIXED Cost				145.38	
Break-Even Price, Total Cost \$ Total of ALL Cost	67.57 per to	n of HA	47	675.70	
NET PROJECTED RETURNS				-25.70	

Establishment cost for perennial crop is amortized over a fifteen 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.
00000000	0000800008500850	80000	*********	1 000000000000			-	20222222	86688
05/05/90	FIRST CUTTING	A	HAY	BERMUDA	2.0000	.0000	С	.00	Υ
06/10/90	SECOND CUTTING	A	HAY	BERMUDA	2.0000	.0000	C	.00	Υ
07/15/90	THIRD CUTTING	A	HAY	BERMUDA	2.0000	.0000	С	.00	Υ
08/20/90	FOURTH CUTTING	A	HAY	BERMUDA	2.0000	.0000	С	.00	Y
09/25/90	FIFTH CUTTING	A	HAY	BERMUDA	2.0000	.0000	С	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NA		NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
	FIRST CUTTING	E	NITROGEN (DRY)		60.0000	C	V	.00
	FIRST CUTTING	Ē	PHOSPHATE		60.0000	Č	Ÿ	.00
	FIRST CUTTING	Ñ	APPLY.FERTILIZER		1.0000	·	•	.00
	FIRST CUTTING	ö	IRRIGATION		4.0000			.00
	FIRST CUTTING	ŏ	IRRIGATION		4.0000			.00
	FIRST CUTTING	H	PICKUP TRUCK	3/4 TON	1.0000			.00
05/05/90	FIRST CUTTING	G	MOH. RAKE & BALE	o,	66.6600			.00
05/05/90	FIRST CUTTING	G	CUSTOM HAULING	HAY	66.6600			.00
05/10/90	SECOND CUTTING	Ē	NITROGEN (DRY)		60.0000	С	٧	.00
05/10/90	SECOND CUTTING	М	APPLY.FERTILIZER		1.0000	•	•	.00
05/31/90	SECOND CUTTING	M	PICKUP TRUCK	3/4 TON	5.0000			.00
06/10/90	THIRD CUTTING	E	NITROGEN (DRY)		60.0000	С	٧	.00
06/10/90	SECOND CUTTING	G	MOW, RAKE & BALE		66.6600	Č	Ý	.00
06/10/90	SECOND CUTTING	G	CUSTOM HAULING	HAY	66.6600	Ċ	Ý	.00
	THIRD CUTTING	М	APPLY.FERTILIZER		1.0000			.00
	THIRD CUTTING	0	IRRIGATION		4.0000			.00
	THIRD CUTTING	М	PICKUP TRUCK	3/4 TON	1.0000			.00
06/30/90		E	MISC ADMIN O/H		.5000		F	.00
	THIRD CUTTING	G	CUSTOM HAULING	HAY	66.6600	C	٧	.00
	THIRD CUTTING	G	MOH, RAKE & BALE		66.6600	С	٧	.00
	FOURTH CUTTING	E	NITROGEN (DRY)		60.0000	С	٧	.00
	FOURTH CUTTING	H	APPLY.FERTILIZER		1.0000			.00
	FOURTH CUTTING	0	IRRIGATION		4.0000			.00
	FOURTH CUTTING	М	PICKUP TRUCK	3/4 TON	1.0000			.00
	FOURTH CUTTING	G	MOW, RAKE & BALE		66.6600	С	٧	.00
	FOURTH CUTTING	G	CUSTOM HAULING	HAY	66.6600	С	٧	.00
	FIFTH CUTTING	M	APPLY.FERTILIZER		1.0000			.00
	FIFTH CUTTING	E	NITROGEN (DRY)		60.0000	С	٧	.00
	FIFTH CUTTING	0	IRRIGATION		4.0000			.00
	FIFTH CUTTING	H	PICKUP TRUCK	3/4 TON	1.0000			.00
	FIFTH CUTTING	G	MOW, RAKE & BALE		66.6600	C	٧	.00
	FIFTH CUTTING	G	CUSTOM HAULING	HAY	66.6600	С	V	.00
	FIFTH CUTTING	Ŀ	BERMUDA HAY	IRRIG.	1.0000		F	.00
09/30/90	FIFTH CUTTING	K	LAND - CASH RENT	HAYI	1.0000	С	F	.00

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

		ч	CI AGIC		V
GROSS INCOME Description PASTURE* SORGHUM	Quantity ======= 600.000	Unit ==== days	\$ / Unit 0.3000	Total ====================================	Your Estimate
Total GROSS Income			•	180.00	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
PHOSPHATE NITROGEN (ANHY) SEED NITROGEN (ANHY) NITROGEN (ANHY) Fuel & Lube - Machinery - Irrigation Repairs - Machinery - Irrigation Labor - Machinery - Irrigation Labor - Machinery - Irrigation Interest - OC Borrowed	60.000 60.000 40.000 60.000 60.000	lb. lb. lb. lb. Acre Acre Acre Hour Hour Dol.	. 250 . 123 . 320 . 123 . 123 . 4.561 4.559 0.110	15.00 7.38 12.80 7.38 7.38 10.96 44.49 2.38 9.63 11.01 7.30 3.24	
	_			138.96	
Break-Even Price, Total Variable	Cost \$ 0	.23 pe	r days of PAS	TURE *	
GROSS INCOME minus VARIABLE COST				41.04	
FIXED COST Description MISC ADMIN O/H Machinery and Equipment Irrigation Land		Unit acre Acre Acre Acre		Total 8.00 31.86 51.63 40.00	
Total FIXED Cost				131.49	
Break-Even Price, Total Cost \$	0.45 per da	ys of	PASTURE*		
Total of ALL Cost				270.46	
NET PROJECTED RETURNS				-90.46	

Grazing is based on the number of Animal Unit Days.

OA-01/90	DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT	NAME	NUMBER OF UNITS	н	EIGHT PER EAD	NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
OS/01/90	04/01/90		A	PASTURE*	SORGHUM						
OF OF OF OF OF OF OF OF	05/01/90										
O7/01/90	06/01/90		A	PASTURE*	SORGHUM						
OB/O1/90	07/01/90		Ä								
DATE	08/01/90		A								
DATE	09/01/90		Ä								-
OF	10/01/90										
OF	DITE		TV05								
PRODUCTION INPUT	DATE			INPUI	NAME						
11/05/89 M SHREDDING 1.0000 .00 11/10/89 M CHISELING 1.0000 .00 11/15/89 M DISC OFFSET 12 FT 1.0000 .00 11/25/89 M PLANING LAND .2000 .00 11/25/89 M DISC OFFSET 12 FT .2000 .00 02/05/90 E PHOSPHATE 60.0000 C V .00 02/05/90 M APPLY.FERTILIZER 1.0000 .00 02/10/90 E NITROGEN (ANHY) 60.0000 C V .00 02/11/90 E SEED SORGFORG 40.0000 C V .00 02/11/90 E SEED SORGFORG 40.0000 C V .00 02/11/90 M DRILLING 1.0000 .00 02/11/90 M DRILLING 1.0000 .00 03/15/90 O IRRIGATION 4.0000 .00 03/15/90 M PICKUP TRUCK 3/4 TON 21.0000 .00 05/15/90 E NITROGEN (ANHY) 60.0000 C V .00 06/30/90 E MISC ADMIN 0/H .5000 F .00 06/30/90 E MISC ADMIN 0/H .5000 F .00 07/15/90 M ANHYDROUS APPL. 1.0000 .00 07/15/90 M ANHYDROUS APPL. 1.0000 .00 07/15/90 E NITROGEN (ANHY) 60.0000 C V .00 07/15/90 M ANHYDROUS APPL. 1.0000 .00 07/15/90 O IRRIGATION 4.0000 .00 07/15/90 O IRRIGATION 4.0000 .00 07/15/90 O IRRIGATION 4.0000 .00 07/15/90 M ANHYDROUS APPL. 1.0000 .00 07/15/90 O IRRIGATION 4.0000 .00 07/20/90 O IRRIGATION 4.0000 .00									SHARE		
11/05/89	-										
11/10/89				CHREDDING	***************************************			88888			
11/15/89 M DISC OFFSET 12 FT 1.0000 .00 11/20/89 M PLANING LAND .2000 .00 11/25/89 M DISC OFFSET 12 FT .2000 .00 02/05/90 E PHOSPHATE 60.0000 C V .00 02/05/90 M APPLY, FERTILIZER 1.0000 .00 02/10/90 E NITROGEN (ANHY) 60.0000 C V .00 02/11/90 E SEED SORGFORG 40.0000 C V .00 02/11/90 E SEED SORGFORG 40.0000 C V .00 02/11/90 M DRILLING 1.0000 .00 03/15/90 O IRRIGATION 4.0000 .00 04/30/90 M PICKUP TRUCK 3/4 TON 21.0000 .00 05/15/90 E NITROGEN (ANHY) 60.0000 C V .00 05/15/90 E NITROGEN (ANHY) 60.0000 C V .00 05/15/90 B NAHYDROUS APPL 1.0000 .00 05/15/90 O IRRIGATION 4.0000 .00 06/15/90 O IRRIGATION 4.0000 .00 06/30/90 E MISC ADMIN 0/H .5000 F .00 07/15/90 E NITROGEN (ANHY) 60.0000 C V .00 07/15/90 M ANHYDROUS APPL 1.0000 .00 07/15/90 E NITROGEN (ANHY) 60.0000 C V .00 07/15/90 D IRRIGATION 4.0000 .00 07/15/90 O IRRIGATION 4.0000 .00 07/20/90 O IRRIGATION 4.0000 .00 07/20/90 O IRRIGATION 4.0000 .00											
11/20/89 M PLANING LAND .2000 .00 11/25/89 M DISC OFFSET 12 FT .2000 .00 02/05/90 E PHOSPHATE 60.0000 C V .00 02/05/90 M APPLY.FERTILIZER 1.0000 .00 02/10/90 E NITROGEN (ANHY) 60.0000 C V .00 02/10/90 M ANHYDROUS APPL. 1.0000 .00 02/11/90 E SEED SORGFORG 40.0000 C V .00 02/11/90 M DRILLING 1.0000 .00 03/15/90 O IRRIGATION 4.0000 .00 04/30/90 M PICKUP TRUCK 3/4 TON 21.0000 .00 05/15/90 E NITROGEN (ANHY) 60.0000 C V .00 05/15/90 M ANHYDROUS APPL. 1.0000 .00 05/15/90 M ANHYDROUS APPL. 1.0000 .00 05/15/90 B NITROGEN (ANHY) 60.0000 C V .00 06/30/90 E MISC ADMIN O/H .5000 F .00 07/15/90 M ANHYDROUS APPL. 1.0000 .00 07/20/90 O IRRIGATION 4.0000 .00					12 FT						
11/25/89 M DISC OFFSET 12 FT .2000 .00 02/05/90 E PHOSPHATE 60.0000 C V .00 02/05/90 M APPLY.FERTILIZER 1.0000 .00 02/10/90 E NITROGEN (ANHY) 60.0000 C V .00 02/10/90 M ANHYDROUS APPL. 1.0000 .00 02/11/90 E SEED SORGFORG 40.0000 C V .00 02/11/90 M DRILLING 1.0000 .00 02/11/90 M DRILLING 1.0000 .00 03/15/90 O IRRIGATION 4.0000 .00 04/30/90 M PICKUP TRUCK 3/4 TON 21.0000 .00 05/15/90 E NITROGEN (ANHY) 60.0000 C V .00 05/15/90 M ANHYDROUS APPL. 1.0000 .00 05/15/90 O IRRIGATION 4.0000 .00 06/30/90 E MISC ADMIN 0/H .5000 F .00 07/15/90 E MISC ADMIN 0/H .5000 F .00 07/15/90 M ANHYDROUS APPL. 1.0000 .00 07/15/90 IRRIGATION 4.0000 .00 07/15/90 O IRRIGATION 4.0000 .00 07/15/90 O IRRIGATION 4.0000 .00 07/20/90 O IRRIGATION 4.0000 .00											
02/05/90 E PHOSPHATE 60.0000 C V .00 02/05/90 M APPLY.FERTILIZER 1.0000 .00 .00 02/10/90 E NITROGEN (ANHY) 60.0000 C V .00 02/11/90 M ANHYDROUS APPL. 1.0000 .00 .00 02/11/90 M DRILLING 1.0000 .00 .00 03/15/90 O IRRIGATION 4.0000 .00 .00 04/30/90 M PICKUP TRUCK 3/4 TON 21.0000 .00 .00 05/15/90 E NITROGEN (ANHY) 60.0000 C V .00 05/15/90 M ANHYDROUS APPL. 1.0000 .00 .00 06/15/90 O IRRIGATION 4.0000 .00 .00 07/15/90 E MITROGEN (ANHY) 60.0000 C V .00 07/15/90 E MITROGEN (ANHY) 60.0000 C V .00 <td>11/25/89</td> <td></td>	11/25/89										
02/05/90	02/05/90						C	v			
02/10/90 E NITRGGEN (ANHY) 60.0000 C V .00 02/10/90 M ANHYDROUS APPL 1.0000 .00 02/11/90 E SEED SORGFORG 40.0000 C 02/11/90 M DRILLING 1.0000 .00 03/15/90 O IRRIGATION 4.0000 .00 04/30/90 M PICKUP TRUCK 3/4 TON 21.0000 .00 05/15/90 E NITROGEN (ANHY) 60.0000 C V .00 05/15/90 M ANHYDROUS APPL 1.0000 .00 .00 06/30/90 E MISC ADMIN 0/H .5000 F .00 06/30/90 E MISC ADMIN 0/H .5000 F .00 07/15/90 E NITRGGEN (ANHY) 60.0000 C V .00 07/15/90 M ANHYDROUS APPL 1.0000 .00 .00 07/20/90 O IRRIGATION 4.0000 .00 <td>02/05/90</td> <td></td> <td></td> <td></td> <td>ER</td> <td></td> <td>•</td> <td>•</td> <td></td> <td></td> <td></td>	02/05/90				ER		•	•			
02/10/90 M ANHYDROUS APPL. 1.0000 .00 02/11/90 E SEED SORGFORG 40.0000 C V .00 02/11/90 M DRILLING 1.0000 .00	02/10/90						С	V			
02/11/90 E SEED SORGFORG 40.0000 C V .00 02/11/90 M DRILLING 1.0000 .00 .00 03/15/90 O IRRIGATION 4.0000 .00 .00 05/15/90 M PICKUP TRUCK 3/4 TON 21.0000 .00 .00 05/15/90 E NITROGEN (ANHY) 60.0000 C V .00 06/15/90 O IRRIGATION 4.0000 .00 .00 06/30/90 E MISC ADMIN O/H .5000 F .00 07/15/90 E MITROGEN (ANHY) 60.0000 C V .00 07/15/90 M ANHYDROUS APPL 1.0000 .00 .00 .00 07/20/90 O IRRIGATION 4.0000 .00 .00 08/25/90 O IRRIGATION 4.0000 .00	02/10/90		М	ANHYDROUS APPL	•	1.0000	_	·			
02/11/90	02/11/90		E	SEED	SORGFORG	40.0000	С	٧			
03/15/90	02/11/90		М	DRILLING		1.0000	_				
05/15/90 E NITROGEN (ANHY) 60.0000 C V .00 05/15/90 M ANHYDROUS APPL. 1.0000 .00 06/15/90 O IRRIGATION 4.0000 .00 06/30/90 E MISC ADMIN 0/H .5000 F .00 07/15/90 E NITROGEN (ANHY) 60.0000 C V .00 07/15/90 M ANHYDROUS APPL. 1.0000 .00 07/20/90 O IRRIGATION 4.0000 .00 08/25/90 O IRRIGATION 4.0000 .00	03/15/90		0	IRRIGATION		4.0000					
05/15/90 M ANHYDROUS APPL. 1.0000 .00 06/15/90 0 IRRIGATION 4.0000 .00 06/30/90 E MISC ADMIN 0/H .5000 F .00 07/15/90 E NITROGEN (ANHY) 60.0000 C V .00 07/15/90 M ANHYDROUS APPL. 1.0000 .00 07/20/90 0 IRRIGATION 4.0000 .00 08/25/90 0 IRRIGATION 4.0000 .00			M	PICKUP TRUCK	3/4 TON	21.0000			.00		
06/15/90 0 IRRIGATION 4.0000 .00 06/30/90 E MISC ADMIN 0/H .5000 F .00 07/15/90 E NITROGEN (ANHY) 60.0000 C V .00 07/15/90 M ANHYDROUS APPL. 1.0000 .00 07/20/90 0 IRRIGATION 4.0000 .00 08/25/90 0 IRRIGATION 4.0000 .00				NITROGEN (ANHY)	60.0000	С	٧	.00		
06/30/90 E MISC ADMIN 0/H .5000 F .00 07/15/90 E NITROGEN (ANHY) 60.0000 C V .00 07/15/90 M ANHYDROUS APPL. 1.0000 .00 07/20/90 0 IRRIGATION 4.0000 .00 08/25/90 0 IRRIGATION 4.0000 .00			М	ANHYDROUS APPL	•	1.0000			.00		
07/15/90 E NITROGEN (ANHY) 60.0000 C V .00 07/15/90 M ANHYDROUS APPL. 1.0000 .00 07/20/90 0 IRRIGATION 4.0000 .00 08/25/90 0 IRRIGATION 4.0000 .00				IRRIGATION		4.0000			.00		
07/15/90 E NITROGEN (ANHY) 60.0000 C V .00 07/15/90 M ANHYDROUS APPL. 1.0000 .00 07/20/90 O IRRIGATION 4.0000 .00 08/25/90 O IRRIGATION 4.0000 .00						.5000		F			
07/15/90 M ANHYDROUS APPL. 1.0000 .00 07/20/90 0 IRRIGATION 4.0000 .00 08/25/90 0 IRRIGATION 4.0000 .00				NITROGEN (ANHY)	60.0000	С				
08/25/90 0 IRRIGATION 4.0000 .00					•	1.0000					
10.000						4.0000			.00		
10/31/90 K LAND - CASH RENT SORGHUMI 1.0000 C F .00						4.0000			.00		
	10/31/90		K	LAND - CASH RE	NT SORGHUMI	1.0000	С	F	.00		

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

- ', ' - J			CI ACIE		W =
GROSS INCOME Description GRAZING* OATS	Quantity 400.000	Unit ==== days	\$ / Unit 0.3000	Total 	Your Estimate
Total GROSS Income				120.00	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
PHOSPHATE NITROGEN (ANHY) SEED NITROGEN (ANHY) Fuel & Lube - Machinery - Irrigation Repairs - Machinery - Irrigation Labor - Machinery - Irrigation Interest - OC Borrowed	60.000 60.000 64.000 60.000 2.001 1.200 20.667	1b. 1b. 1b. Acre Acre Acre Hour Hour Dol.	. 250 . 123 . 150 . 123 4 . 560 4 . 559 0 . 110	15.00 7.38 9.60 7.38 8.91 33.37 2.04 7.22 9.12 5.47 2.27	
Break-Even Price, Total Variable	Cost \$ 0	.26 pe	r days of GRA	ZING*	
GROSS INCOME minus VARIABLE COST				12.22	
FIXED COST Description MISC ADMIN O/H Machinery and Equipment Irrigation Land		Unit acre Acre Acre Acre		Total 8.00 26.53 38.73 25.00	
Total FIXED Cost				98.26	
Break-Even Price, Total Cost \$	0.51 per da	ys of (GRAZING*		
Total of ALL Cost				206.04	
NET PROJECTED RETURNS				-86.04	

Grazing is based on the number of Animal Unit Days.

11/01/89	Y Y
12/01/89	Ý
O1/01/90	
DATE STAGE TYPE INPUT NAME NUMBER CASH FIXED LANDLORD	, ,
O3/O1/90 A GRAZING* OATS 80.0000 .0000 C .0 DATE STAGE TYPE INPUT NAME NUMBER CASH FIXED LANDLORD OF NON- OR SHARE UNITS CASH VARI. O7/15/89 H CHISELING 1.0000 .00	Y
OF OF OF OF NON-OR SHARE PRODUCTION INPUT UNITS CASH VARI. 07/15/89 M CHISELING 1.0000 .00	
PRODUCTION INPUT UNITS CASH VARI. 07/15/89	
07/15/89 M CHISELING 1.0000 .00	
00 /40 /00 H DY00 APPART AS ## 4	
08/10/89	
08/15/89 M PLANING LAND .2000 .CO	
08/20/89 M DISC OFFSET 12 FT .2000 .00	
09/20/89 E PHOSPHATE 60.0000 C V .00	
09/20/89 M APPLY.FERTILIZER 1.0000 .00	
09/25/89 E NITROGEN (ANHY) 60.0000 C Y .00	
09/25/89 M ANHYDROUS APPL. 1.0000 .00	
10/05/89 E SEED OATS 64.0000 C V .00	
10/05/89 M DRILLING 1.0000 .00	
10/20/89 O IRRIGATION 4.0000 .00	
10/31/89 M PICKUP TRUCK 3/4 TON 21.0000 .00	
12/15/89 O IRRIGATION 4.0000 .00	
01/15/90 E NITROGEN (ANHY) 60.0000 C V .00	
01/15/90 M ANHYDROUS APPL. 1.0000 .00	
02/15/90 0 IRRIGATION 4.0000 .00	
03/31/90 K SM. GRAINS PAST. 1.0000 C V .00	
03/31/90 E MISC ADMIN 0/H .5000 F .00	

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

· · · · · · · · · · · · · · · · · · ·					Your
GROSS INCOME Description HAY SORGHUM Total GROSS Income	Quantity 4.500	Unit ==== ton	\$ / Unit 65.0000	Total 292.50 292.50	Estimate
VADIABLE COST Decembers					
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
PLANTING				2000000000	
PHOSPHATE	40.000	lb.	. 250	10.00	
NITROGEN (ANHY)	40.000	1b.	. 123	4.92	
SEED	30.000	1b.	. 320	9.60	
Fuel & Lube - Machinery		Acre		7.38	
Repairs - Machinery Labor - Machinery	4 400	Acre	4 504	1.78	
Labor - Macrifflery	1.483	Hour	4.561	6.76	
Total PLANTING				40.45	
FIRST CUTTING				70.75	
MOW, RAKE & BALE	33.000	bale	.900	29.70	
CUSTOM HAULING	33.000	bale	. 150	4.95	
Total FIRST CUTTING					
SECOND CUTTING				34.65	
NITROGEN (ANHY)	40.000	lb.	. 123	4.92	
MOW, RAKE & BALE	66.000	bale	.900	59.40	
CUSTOM HAULING	66.000	bale	. 150	9.90	
Fuel & Lube - Machinery		Acre		1.01	
Repairs - Machinery		Acre		0.11	
Labor - Machinery	0.151	Hour	4.561	0.69	
Total SECOND CUTTING				76.00	
THIRD CUTTING				76.03	
MOW, RAKE & BALE	49.500	bale	.900	44.55	
CUSTOM HAULING	49.500	bale	. 150	7.42	
T-1-1 THERE AND THE					
Total THIRD CUTTING				51.98	
Interest - OC Borrowed	15.991	Dol.	0.110	4 76	
Tittel est OC BOIT OWEG	15.551	DO1.	0.110	1.76	
Total VARIABLE COST				204.87	
				201121	
Break-Even Price, Total Variable	Cost \$ 45	.52 pe	r ton of HAY		
GROSS INCOME minus VARIABLE COST				87.63	
FIXED COST Description		Unit		Total	
*********************		====			
MISC ADMIN O/H		acre		4.80	
Machinery and Equipment		Acre		23.77	
Land		Acre		15.00	
Total FIXED Cost				43.57	
Break-Even Price, Total Cost \$	55.20 per to	n of H	AY .		
Total of ALL Cost				248.44	
NET PROJECTED RETURNS				44.06	

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT	NAME	NUMBER OF UNITS	H	EIGHT PER EAD	NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
	FIRST CUTTING	A	HAY	SORGHUM	1.0000		.000	0 C	.00	Y
	SECOND CUTTING	A	HAY	SORGHUM	2.0000		.000	0 C	.00	Υ
09/20/90	THIRD CUTTING	A	HAY	SORGHUM	1.5000		.000	0 С	.00	Y
DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT N	IAME	NUMBER OF Units	CASH NON- CASH	FIXED OR VARI.	LANDLORD Share		
10/15/20	PLANTING	М	SHREDDING		1 0000	CE088				
	PLANTING	M	CHISELING		1.0000 1.0000			.00		
	PLANTING	Ä	DISC OFFSET	12 FT				.00		
02/10/90		Ë	PHOSPHATE	12 FI	1.0000 40.0000	_	٧	.00		
02/10/90		Ä	APPLY. FERTILIZE	:D	1.0000	С	٧	.00		
02/12/90		Ë	NITROGEN (ANHY)			_	.,	.00		
02/12/90		Ň	ANHYDROUS APPL.		40.0000	С	٧	.00		
02/15/90		E	SEED	SORGFORG		_	٧	.00		
02/15/90		H	DRILLING	SUKGFUKG	30.0000	С	Y	.00		
04/15/90		M	PICKUP TRUCK	3/4 TCN	1.0000			.00		
	FIRST CUTTING	G	MOW, RAKE & BAL		5.0000	_	.,	.00		
	FIRST CUTTING	G	CUSTOM HAULING	HAY	33.0000	C	V	.00		
	SECOND CUTTING	Ē	NITROGEN (ANHY)		33.0000	C	V	.00		
	SECOND CUTTING	M	ANHYDROUS APPL.		40.0000	L	٧	.00		
	SECOND CUTTING	G			1.0000	_		.00		
	SECOND CUTTING		MOH, RAKE & BAL		66.0000	C	V	.00		
06/30/90	SECOND COLLING	G E	CUSTOM HAULING	HAY	66.0000	С	Ā	.00		
	THIRD CUTTING	Ğ	MISC ADMIN O/H	-	.3000	_	F	.00		
	THIRD CUTTING		MOH, RAKE & BAL	_	49.5000	C	Y	.00		
	THIRD CUTTING	-	CUSTOM HAULING	HAY	49.5000	С	Ā	.00		
07/30/70	INTER COLLING	K	LAND - CASH REN	1 SUKGHUMD	1.0000		F	.00		

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

GROSS INCOME Description				Tatal	Your
HAY SORGHUM	<u>Quantity</u> 10.000	ton	\$ / Unit 65.0000	<u>Total</u> 650.00	Estimate
Total GROSS Income				650.00	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
PLANTING PHOSPHATE	60.000	lb.	. 250	15.00	
NITROGEN (ANHY)	60.000	ib.	. 123	7.38	
SEED Fuel & Lube - Machinery	40.000	1b.	. 320	12.80	
- Irrigation		Acre Acre		7.36 11.12	
Repairs - Machinery		Acre		1.76	
- Irrigation Labor - Machinery	4 040	Acre	4 504	2.41	
- Irrigation	1.942 0.400		4.561 4.559	8.86 1.82	
Total PLANTING			4.005	68.51	
FIRST CUTTING Mow, rake & Bale	66.000	bolo	.900	E0 40	
CUSTOM HAULING	66.000	bale bale	. 150	59.40 9.90	
Fuel & Lube - Irrigation		Acre		11.12	
Repairs - Irrigation Labor - Irrigation	0.400	Acre	4 550	2.41	
Total FIRST CUTTING	0.400	Hour	4.559	1.82 84.66	
SECOND CUTTING					
NITROGEN (ANHY) Mow, rake & bale	60.000 66.000	lb. bale	. 123	7.38	
CUSTOM HAULING	66.000	bale	. 900 . 150	59.40 9.90	
Fuel & Lube - Machinery		Acre		1.01	
Repairs - Machinery Labor - Machinery	0.151	Acre Hour	4.561	0.11	
Total SECOND CUTTING	0.131	пош	4.501	0.69 78.49	
THIRD CUTTING					
NITROGEN (ANHY) Custom Hauling	60.000 66.000	lb. bale	. 123 . 150	7.38 9.90	
MOW, RAKE & BALE	66.000	bale	. 900	59.40	
Fuel & Lube - Machinery		Acre		1.01	
- Irrigation Repairs - Machinery		Acre Acre		11.12 0.11	
- Irrigation		Acre		2.41	
Labor - Machinery - Irrigation	0.151	Hour	4.561	0.69	
Total THIRD CUTTING	0.400	Hour	4.559	1.82 93.85	
FOURTH CUTTING					
NITROGEN (ANHY) Custom Hauling	60.000 66.000	lb. bale	. 123	7.38	
MOW, RAKE & BALE	66.000	bale	. 150 . 900	9.90 59.40	
Fuel & Lube - Machinery		Acre		1.01	
- Irrigation Repairs - Machinery		Acre Acre		11.12 0.11	
- Irrigation		Acre		2.41	
Labor - Machinery	0.151		4.561	0.69	
- Irrigation Total FOURTH CUTTING	0.400	Hour	4.559	1.82 93.85	
FIFTH CUTTING					
MOW, RAKE & BALE Custom Hauling -	66.000 66.000	bale	. 900	59.40	
Fuel & Lube - Irrigation	88.000	bale Acre	. 150	9.90 11.12	
Repairs - Irrigation		Acre		2.41	
Labor - Irrigation Total FIFTH CUTTING	0.400	Hour	4.559	1.82 84.66	
				04.00	
Interest - OC Borrowed Total VARIABLE COST	25.456	Dol.	0.110	2.80	
				506.80	
Break-Even Price, Total Variable	Cost \$ 50	.68 pei	r ton of HAY		
GROSS INCOME minus VARIABLE COST				143.20	
FIXED COST Description		Unit		Total	
MISC ADMIN 0/H Machinery and Equipment		acre		8.00	
Irrigation		Acre Acre		29.36 64.54	
Land		Acre		40.00	
Total FIXED Cost				141.91	
Break-Even Price, Total Cost \$	64.87 per to	n of HA	4 <i>Y</i>		
Total of ALL Cost				648.71	
NET PROJECTED RETURNS				1.29	

Information presented is prepared solely as a general guide and is not intended to recognize or prodict 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.
8082222	000000000000000000000000000000000000000	2250F	200000000000000			********	80000	0000000	E2E35
05/05/90	FIRST CUTTING	A	HAY	SORGHUM	2.0000	.0000	С	.00	Y
06/10/90	SECOND CUTTING	A	HAY	SORGHUM	2.0000	.0000	С	.00	Ý
07/15/90	THIRD CUTTING	A	HAY	SORGHUM	2.0000	.0000	С	.00	Y
08/20/90	FOURTH CUTTING	A	HAY	SORGHUM	2.0000	.0000	С	.00	Y
09/25/90	FIFTH CUTTING	A	HAY	SORGHUM	2.0000	.0000	С	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT (NAME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
11/05/89	PLANTING	М	SHREDDING		1.0000			.00
	PLANTING	M	CHISELING		1.0000			.00
	PLANTING	M	DISC OFFSET	8 FT	.2000			.00
11/20/89	PLANTING	M	PLANING	LAND	.2000			.00
11/25/89	PLANTING	H	DISC OFFSET	8 FT	.2000			.00
02/10/90		Ë	PHOSPHATE		60.0000	С	٧	.00
02/10/90	PLANTING	Ä	APPLY. FERTILIZ	ER	1.0000	•	•	.00
02/12/90	PLANTING	Ë	NITROGEN (ANHY		60.0000	С	٧	.00
02/12/90	PLANTING	M	ANHYDROUS APPL	•	1.0000	•	•	.00
02/15/90	PLANTING	E	SEED	SORGFORG	40.0000	С	٧	.00
02/15/90	PLANTING	M	DRILLING		1.0000	_	•	.00
02/25/90	PLANTING	0	IRRIGATION		4.0000			.00
03/15/90	PLANTING	M	PICKUP TRUCK	3/4 TON	20.0000			.00
04/25/90	FIRST CUTTING	0	IRRIGATION		4.0000			.00
05/05/90	FIRST CUTTING	G	MOH, RAKE & BAI	LE	66.0000	С	٧	.00
05/05/90	FIRST CUTTING	G	CUSTOM HAULING	HAY	66.0000	C	٧	.00
05/10/90	SECOND CUTTING	E	NITROGEN (ANHY)	60.0000	C	V	.00
05/10/90	SECOND CUTTING	M	ANHYDROUS APPL.	,	1.0000			.00
	SECOND CUTTING	G	MOH, RAKE & BAI	_E	66.0000	С	٧	.00
	SECOND CUTTING	G	CUSTOM HAULING	HAY	66.0000	С	٧	.00
	THIRD CUTTING	E	NITROGEN (ANHY))	60.0000	С	٧	.00
	THIRD CUTTING	H	ANHYDROUS APPL.	•	1.0000			.00
	THIRD CUTTING	0	IRRIGATION		4.0000	С	٧	.00
	THIRD CUTTING	G	CUSTOM HAULING	HAY	66.0000	C	٧	.00
	THIRD CUTTING	G	MOW, RAKE & BAI		66.0000	С	٧	.00
	FOURTH CUTTING	M	ANHYDROUS APPL.	•	1.0000			.00
	FOURTH CUTTING	Ε	NITROGEN (ANHY))	60.0000	С	٧	.00
	FOURTH CUTTING	0	IRRIGATION		4.0000	С	٧	.00
	FOURTH CUTTING	G	CUSTOM HAULING	HAY	66.0000	С	٧	.00
	FOURTH CUTTING	G	MON, RAKE & BAL	.E	66.0000	С	٧	.00
	FIFTH CUTTING	0	IRRIGATION		4.0000	С	٧	.00
	FIFTH CUTTING	G	MOW, RAKE & BAL		66.0000	C	٧	.00
	FIFTH CUTTING	G	CUSTOM HAULING	HAY	66.0000	C	٧	.00
09/30/90		K	LAND - CASH RE	NT SORGHUMI	1.0000		F	.00
09/30/90		E	MISC ADMIN O/H		.5000		F	.00

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

	ood to and net	u. 1.5 p	CI ACIE		Your
GROSS INCOME Description CORN SILAGE	Quantity ======= 15.000	Unit ==== ton	\$ / Unit 18.0000	Total 270.00	Estimate
Total GROSS Income			, , , , ,	270.00	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
PHOSPHATE NITROGEN (ANHY) SEED HERBICIDE HERBICIDE APPL. INSECTICIDE Fuel & Lube - Machinery - Irrigation Repairs - Machinery - Irrigation	80.000 160.000 20.000 1.000 1.000	1b. 1b. 1b. acre acre appl Acre Acre	.250 .123 1.000 12.500 3.000 8.500	20.00 19.68 20.00 12.50 3.00 8.50 13.75 44.49 3.31	
Labor - Machinery - Irrigation	2.778 1.600	Acre Hour Hour	4.561 4.559	9.63 12.67 7.30	
Total PREHARVEST				174.82	
Interest - OC Borrowed	85.501	Dol.	0.110	9.41	
Total VARIABLE COST				184.23	
Break-Even Price, Total Variable	Cost \$ 12	.28 pe	r ton of CORN	SILAGE	
GROSS INCOME minus VARIABLE COST				85.77	
FIXED COST Description MISC ADMIN O/H Machinery and Equipment Irrigation Land		Unit acre Acre Acre Acre		Total 8.00 47.20 51.63 15.00	
Total FIXED Cost				121.84	
Break-Even Price, Total Cost \$	20.40 per to	n of C	ORN SILAGE		
Total of ALL Cost				306.06	
NET PROJECTED RETURNS				-36.06	

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

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NA	AME	NUMBER OF UNITS	H	IGHT ER AD	NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
07/15/90	HARVEST	A	CORN SILAGE		15.0000		.000		.00	Y
DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAI		NUMBER OF UNITS	CASH NON- CASH	OR VARI.	LANDLORD SHARE		
08/10/89	PREHARVEST	M	CHISELING		1.0000	5500D		.00		
	PREHARVEST	М	DISC OFFSET	12 FT	1.0000			.00		
	PREHARVEST	M	PLANING	LAND	.2000			.00		
08/25/89	PREHARVEST	M	DISC OFFSET	12 FT	.2000			.00		
10/15/89	PREHARVEST	М	DISC OFFSET	12 FT	1.0000			.00		
11/15/89	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00		
12/15/89	PREHARVEST	М	CULTIVATING 6RCW		1.0000			.00		
12/20/89	PREHARVEST	М	PICKUP TRUCK	3/4 TON	20.0000			.00		
02/05/90	PREHARVEST	Ε	PHOSPHATE		80.0000	С	٧	.00		
02/05/90	PREHARVEST	M	APPLY.FERTILIZER		1.0000	•	•	.00		
02/07/90	PREHARVEST	E	NITROGEN (ANHY)		160.0000	С	٧	.00		
02/07/90	PREHARVEST	Н	ANHYDROUS APPL.		1.0000			.00		
	PREHARVEST	Ε	SEED	CORN-SIL	20.0000	С	٧	.00		
	PREHARVEST	H	PLANTING	6 ROH	1.0000			.00		
	PREHARVEST	E	HERBICIDE	CORN	1.0000	C	٧	.00		
	PREHARVEST	G	HERBICIDE APPL.		1.0000	С	٧	.00		
	PREHARVEST	E	INSECTICIDE	CORN	1.0000	С	٧	.00		
	PREHARVEST	0	IRRIGATION		4.0000			.00		
	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00		
	PREHARVEST	0	IRRIGATION		4.0000			.00		
	PREHARVEST	М	CULTIVATING 6ROW	ROLLING	1.0000			.00		
	PREHARVEST	0	IRRIGATION		4.0000			.00		
	PREHARVEST	0	IRRIGATION		4.0000			.00		
	PREHARVEST	E	MISC ADMIN O/H		.5000		F	.00		
07/31/90	PREHARVEST	K	LAND - CASH RENT	FORAGE	1.0000		F	.00		

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

GROSS INCOME Description CORN DEFICIENCY PMT. CORN	Quantity ======= 65.000 65.000	Unit ==== bu. bu.	\$ / Unit 2.5300 0.2300	Total 164.45 14.95	Your Estimate
Total GROSS Income				179.40	
VARIABLE COST Description PREHARVEST	Quantity	Unit	\$ / Unit	Total	
FED. CROP INS.* HERBICIDE HERBICIDE APPL. PHOSPHATE	1.000 1.000 1.000 40.000	acre acre acre 1b.	5.830 12.500 3.000 .250	5.83 12.50 3.00 10.00	
NITROGEN (ANHY) SEED Fuel & Lube - Machinery Repairs - Machinery	60.000 10.000	1b. 1b. Acre Acre	1.000	7.38 10.00 13.33	
Labor - Machinery Total PREHARVEST	2.794	Hour	4.561	3.21 12.74 77.98	
HARVEST CUSTOM HARVEST CUSTOM HAULING	1.000 65.000	acre bu.	22.000 .140	22.00 9.10	
Total HARVEST				31.10	
Interest - OC Borrowed Total VARIABLE COST	42.825	Dol.	0.110	4.71 113.79	
GROSS INCOME minus VARIABLE COST				65.61	
FIXED COST Description MISC ADMIN 0/H Machinery and Equipment Land		Unit acre Acre Acre		Total 4.80 45.15 15.00	
Total FIXED Cost				64.95	
Total of ALL Cost				178.74	
NET PROJECTED RETURNS				0.66	

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