DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT	NAME	NUMBER OF Units	ï	EIGHT PER EAD	CASH NON- CASH	LANDLORD Share	BREAK EVEN PROD.
	***************	E2000	800008888888		************					EXES:
09/20/87		A	GRAZING	SORGHUM	100.0000		.000	O N	.00	Y
DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT	NAME	NUMBER OF UNITS	CASH NON- CASH	OR VARI.	LANDLORD SHARE		
02/15/87		М	CHISELING		1.0000			.00		
04/20/87		M	DISCING	TANDEM	1.0000			.00		
05/15/87		М	DRILLING	1 DRILL	1.0000			.00		
05/15/87		E	SEED	SORGHUM	5.0000	С	٧	.00		
06/30/87		М	PICKUP TRUCK	3/4 TON	20.0000			.00		
06/30/87		K	CASH-RENT	SORGHUND	1.0000		F	.00		

# FORAGE SORGHUM, FURROW IRRIGATED, (NATURAL GAS) Texas Panhandle District (1) 1987 Projected Costs and Returns per Acre

· · · · · · · · · · · · · · · · · · ·	oooto ana kot	. ш. т. о	C. AC. C		Your
GROSS INCOME Description GRAZING SORGHUM	Quantity ======= 150.000	Unit === 1b.	\$ / Unit 0.4000	Total 60.00	Estimate
Total GROSS Income				60.00	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
FERTILIZER (N) SEED Fuel & Lube - Machinery - Irrigation Repairs - Machinery - Irrigation Labor - Machinery - Irrigation Interest - OC Borrowed	1.912 1.298 45.075		5.000 5.500 0.105	16.50 12.00 5.54 46.91 2.17 5.86 9.56 7.14	
Total VARIABLE COST	40.075	501.	0.103	110.42	
Break-Even Price, Total Variable	Cost \$ C	).73 pe	r 1b. of GRAZ	ING	
GROSS INCOME minus VARIABLE COST				-50.42	
FIXED COST Description  Machinery and Equipment  Irrigation Land		Unit acre Acre Acre		Total 23.32 24.71 30.00	
Total FIXED Cost				78.03	
Break-Even Price, Total Cost \$	1.25 per 1b	o. of G	RAZING		
Total of ALL Cost				188.45	
NET PROJECTED RETURNS				-128.45	

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT	NAME	NUMBER OF Units	H	EIGHT PER EAD	NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
09/20/87		A	GRAZING	SORGHUM	150.0000		.000		.00	Y
DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT	NAME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE		
11/10/86		Н	SHREDDING		1.0000			.00		
11/20/86		M	DISCING	OFFSET	1.0000			.00		
12/15/86 02/15/87		M	CHISELING DISCING	TANDEM	1.0000 1.0000			.00		
02/15/87		M E	FERTILIZER (N)		150.0000	c	٧	.00		
03/25/87		H	BEDDING	AFFEILD	1.0000	·	•	.00		
04/15/87		Ö	IRRIGATION	FURROW	6.0000			.00		
04/30/87		Ň	PICKUP TRUCK	3/4 TON	20.0000			.00		
05/10/87		M	ROD WEEDING		1.0000			.00	)	
05/15/87		М	DRILLING	1 DRILL	1.0000			.00	)	
05/15/87		Ε	SEED	SORGHUM	20.0000	C	٧	.00		
07/15/87		0	IRRIGATION	FURROW	6.0000			.00		
08/15/87		0	IRRIGATION	FURROW	4.0000		_	.00		
09/30/87		K	CASH-RENT	SORGHUMF	1.0000		F	.00	)	

## FORAGE SORGHUM FOR HAY, DRYLAND Texas Panhandle District (1) 1987 Projected Costs and Returns per Acre

1987 Projected	Costs and Ret	urns p	er Acre		Your
GROSS INCOME Description HAY SORGHUM	Quantity 1.500	Unit ==== ton	\$ / Unit 60.0000	Total 90.00	Estimate
Total GROSS Income				ao · oó	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
SEED Fuel & Lube - Machinery Repairs - Machinery	5.000	1b. Acre Acre	.600	3.00 2.58 1.16	
Labor - Machinery Total PREHARVEST	0.986	Hour	5.001	4.93	
HARVEST CUSTOM SWATHING CUSTOM BALING	1.000 50.000	acre bale	5.500 .600	5.50	
Total HARVEST				35.50	
Interest - OC Borrowed Interest - Positive Cash	3.856 -1.265	Dol. Dol.	0.105 0.052	0.40 -0.07	
Total VARIABLE COST				47.51	
Break-Even Price, Total Variable	Cost \$ 31	.68 pe	r ton of HAY		
GROSS INCOME minus VARIABLE COST				42.49	
FIXED COST Description  Machinery and Equipment  Land		Unit ssss Acre Acre		Total 12.10 15.00	
Total FIXED Cost				27.10	
Break-Even Price, Total Cost \$	49.74 per to	n of H	AY		
Total of ALL Cost				74.62	
NET PROJECTED RETURNS				15.38	

DATE 	STAGE OF PRODUCTION HARVEST	TYPE OF PROD.	PRODUCT HAY	NAME SORGHUM	NUMBER OF UNITS 1.5000	H	EIGHT PER EAD .0000	NON- CASH	LANDLORD SHARE .00	BREAK EVEN PROD. Y
DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT	NAME	NUMBER OF Units	CASH NON- CASH	OR Vari.	LANDLORD SHARE	l	
02/15/87	PREHARVEST	M	CHISELING		1 0000		********	~^^		
				TANDEM	1.0000			.00		
04/15/87	PREHARVEST	M	DISCING	TANDEM	1.0000			.00		
05/15/87		M	DRILLING	1 DRILL	1.0000			.00		
05/15/87		E	SEED	Sorghum	5.0000	С	٧	.00		
06/30/87	PREHARVEST	н	PICKUP TRUCK	3/4 TON	10.0000			.00		
08/18/87	HARVEST	G	CUSTOM SWATHIN	IG	1.0000	С	٧	.00		
08/20/87	HARVEST	G	CUSTOM BALING		50.0000	С	٧	.00		
08/31/87		K	CASH-RENT	SORGHUMD	1.0000		F	.00		

## SORGHUM, DRYLAND Texas Panhandle District (1) 1987 Projected Costs and Returns per Acre

1987 Projected	Costs and Ret	urns p	er Acre		Your
GROSS INCOME Description  DEFICIENCY PMT. SORGHUM  SORGHUM	Quantity 15.000 15.000	Unit cwt. cwt.	\$ / Unit 2.0300 2.8700	Total 30.45 43.05	Estimate
Total GROSS Income				73.50	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
FERTILIZER (N) SEED HERBICIDE	40.000 2.000 1.000	1b. 1b. acre	.110 .600 6.000	4.40 1.20 6.00	
Fuel & Lube - Machinery Repairs - Machinery Labor - Machinery	1.413	Acre Acre Hour	5.000	3.95 1.46 7.06	
Total PREHARVEST	7.475	11001	3.000	24.08	
CUSTOM HARVEST CUSTOM HAULING	1.000 15.000	acre cwt.	8.000 .250	8.00 3.75	
Total HARVEST				11.75	
Interest - OC Borrowed Interest - Positive Cash	8.938 -1.034	Dol. Dol.	0.105 0.053	0.94 -0.05	
Total VARIABLE COST				36.71	
GROSS INCOME minus VARIABLE COST				36.79	
FIXED COST Description  Machinery and Equipment  Land		Unit ==== Acre Acre		Total 14.84 15.00	
Total FIXED Cost				29.84	
Total of ALL Cost				66.55	
NET PROJECTED RETURNS				6.95	

DATE	STAGE OF PRODUCTION	TYPE OF PROD.		NAME	NUMBER OF Units	1 <b>H</b> i	EIGHT PER EAD	NON- CASH	LANDLORD SHARE	EVEN PROD.
09/20/87	HARVEST	A	SORGHUM		15.0000		.000		.00	N
09/20/87	HARVEST	A	DEFICIENCY PMT.	SORGHUM	15.0000		.000	00 C	.00	N
DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT N	AME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE	1	
02/15/87	PREHARVEST	Н	CHISELING		1.0000			.00	•	
	PREHARVEST	Ĥ	CHISELING		1.0000			.00		
04/20/87	PREHARVEST	M	DISCING	TANDEM	1.0000			.00		
	PREHARVEST	E	FERTILIZER (N)	APPLIED	40.0000	С	٧	.00		
	PREHARVEST	М	PLANT AND SPRAY		1.0000			.00		
	PREHARVEST	E	SEED	SORGHUM	2.0000	С	٧	.00		
	PREHARVEST	E	HERBICIDE	SORGHUM	1.0000	С	٧	.00		
	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00		
09/20/87		G	CUSTOM HARVEST	SORGHUMD	1.0000	С	٧	.00		
09/20/87	HARVEST	G	CUSTOM HAULING	SORGHUMD	15.0000	С	٧	.00		
09/30/87		K	CASH-RENT	SORGHUMD	1.0000		F	.00		

## SORGHUM, FURROW IRRIGATED, (NATURAL GAS) Texas Panhandle District (1) 1987 Projected Costs and Returns per Acre

1987 Projected	costs and ket	urns p	er acre		Your
GROSS INCOME Description DEFICIENCY PMT. SORGHUM SORGHUM	Quantity 60.000 60.000	Unit ==== cwt. cwt.	\$ / Unit 2.0300 2.8700	Total 121.80 172.20	Estimate
Total GROSS Income				294.00	
VARIABLE COST Description PREHARVEST	Quantity	Unit	\$ / Unit	Total	
FERTILIZER (N) SEED HERBICIDE INSECTICIDE Fuel & Lube - Machinery - Irrigation Repairs - Machinery - Irrigation	130.000 6.000 1.000 1.000	1b. 1b. acre acre Acre Acre Acre	. 110 . 600 10 . 000 8 . 000	14.30 3.60 10.00 8.00 7.36 93.81 2.62 11.72	
Labor - Machinery - Irrigation	2.278 2.596	Hour Hour	5.001 5.500	11.39 14.28	
Total PREHARVEST Harvest				177.09	
CUSTOM HARVEST CUSTOM HAULING	60.000 60.000	cwt. cwt.	. 350 . 250	21.00 15.00	
Total HARVEST  Interest - OC Borrowed	64.897	Dol.	0.405	36.00	
Interest - OC Borrowed Interest - Positive Cash Total VARIABLE COST	-1.554	Dol.	0.105 0.053	6.81 -0.08 219.82	
TOTAL VARIABLE GOST				219.62	
GROSS INCOME minus VARIABLE COST				74.18	
FIXED COST Description  Machinery and Equipment  Irrigation Land		Unit ==== Acre Acre Acre		Total 29.09 49.42 30.00	
Total FIXED Cost				108.51	
Total of ALL Cost				328.33	
NET PROJECTED RETURNS				-34.33	

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT N	AME	NUMBER OF UNITS	H	EIGHT PER EAD	NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
09/20/87	HARVEST	A	SORGHUM		60.0000		.000	0 C	.00	N
09/20/87	HARVEST	A	DEFICIENCY PMT.	SORGHUM	60.0000		.000	90 C	.00	N
DATE	STAGE	TYPE	INPUT NA	ME	NUMBER	CASH		LANDLORD	ı	
	OF	OF			OF	NON-	OR	SHARE		
	PRODUCTION	INPUT			UNITS	CASH	VARI.			
11/10/86	PREHARVEST	H	SHREDDING		1.0000	******		.00		
	PREHARVEST	Ä	DISCING	OFFSET	1.0000			.00		
	PREHARVEST	H	CHISELING		1.0000			.00		
	PREHARVEST	H	DISCING	OFFSET	1.0000			.00		
03/05/87	PREHARVEST	H	FLOATING		.5000			.00		
03/10/87	PREHARVEST	H	BEDDING		1.0000			.00		
03/13/87	PREHARVEST	E	FERTILIZER (N)	APPLIED	130.0000	С	٧	.00		
03/20/87	PREHARVEST	0	IRRIGATION	FURROW	8.0000			.00		
04/15/87	PREHARVEST	M	CULTIVATING	ROLLING	1.0000			.00		
05/10/87	PREHARVEST	M	ROD WEEDING		1.0000			.00		
05/20/87	PREHARVEST	М	PLANT AND SPRAY		1.0000			.00		
05/20/87	PREHARVEST	E	SEED	SORGHUM	6.0000	С	٧	.00		
05/20/87	PREHARVEST	E	HERBICIDE	SORGHUMI	1.0000	С	٧	.00		
05/20/87	PREHARVEST	Ε	INSECTICIDE	SORGHUM	1.0000	С	٧	.00		
05/25/87	PREHARVEST	H	FURROW OPENING		1.0000			.00		
05/31/87	PREHARVEST	H	PICKUP TRUCK	3/4 TON	20.0000			.00		
06/15/87	PREHARVEST	0	IRRIGATION	FURROW	8.0000			.00		
07/15/87	PREHARVEST	0	IRRIGATION	FURROW	8.0000			.00		
08/15/87	PREHARVEST	0	IRRIGATION	FURROW	8.0000			.00		
09/20/87		G	CUSTOM HARVEST	SORGHUMI	60.0000	С	٧	.00		
09/20/87	HARVEST	G	CUSTOM HAULING	SORGHUMI	60.0000	С	Y	.00		
09/30/87		K	CASH-RENT	SORGHUMF	1.0000		F	.00		

# SORGHUM, SPRINKLER IRRIGATED, (NATURAL GAS) Texas Panhandle District (1) 1987 Projected Costs and Returns per Acre

			•		Your
GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Estimate
000000000000000000000000000000000000000		====	*********		
DEFICIENCY PMT. SORGHUM	57.000	cwt.	2.0300	115.71	
SORGHUM	57.000	cwt.	2.8700	163.59	
				=========	
Total GROSS Income				279.30	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
		====	=======================================	=========	
PREHARVEST					
HERBICIDE	1.000	acre	6.000	6.00	
FERTILIZER (N)	120.000	1b.	.110	13.20	
SEED	6.000	1b.	.600	3.60	
INSECTICIDE	1.000	acre	8.000	8.00	
Fuel & Lube - Machinery		Acre		5.76	
- Irrigation		Acre		55.76	
Repairs - Machinery		Acre		2.12	
- Irrigation		Acre		19.49	
Labor - Machinery	1.914	Hour	5.000	9.57	
- Irrigation	0.838	Hour	5.500	4.61	
_					
Total PREHARVEST				128.09	
HARVEST					
CUSTOM HARVEST	57.000	cwt.	. 350	19.95	
CUSTOM HAULING	57.000	cwt.	. 250	14.25	
Total HARVEST				34.20	
Interest - OC Borrowed	40.610	Dol.	0.105	4.26	
Interest - Positive Cash	-2.433	Do1.	0.052	-0.13	
	2.400		0.002		
Total VARIABLE COST				166.43	
				7551.15	
GROSS INCOME minus VARIABLE COST				112.87	
GROSS TROOME INTINGS VARIABLE COST				112.07	
FIXED COST Description		Unit		Total	
		====		222222222	
Machinery and Equipment		Acre		23.42	
Irrigation		Acre		55.17	
Land		Acre		25.00	
				5555555555	
Total FIXED Cost				103.59	
Total of ALL Cost				270.01	
NET PROJECTED RETURNS				9.29	

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT	NAME	NUMBER OF Units	HEIGHT PER HEAD	CASH NON- CASH	SHARE	BREAK EVEN PROD.
08888888				*********		*********	MARKE S		<b>2224</b> 0
09/20/87	HARVEST	A	SORGHUM		57.0000	.0000	С	.00	N
09/20/87	HARVEST	A	DEFICIENCY PMT	. SORGHUM	57.0000	.0000	С	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT	NAME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
01/10/87	PREHARVEST	М	SHREDDING		1.0000			.00
	PREHARVEST	й	CHISELING		1.0000			.00
	PREHARVEST	M	DISCING	OFFSET	1.0000			.00
	PREHARVEST	M	DISC & SPRAY	011321	1.0000			.00
	PREHARVEST	E	HERBICIDE	SORGHUM	1.0000	С	٧	.00
	PREHARVEST	Й	ROD WEEDING	3011011011	1.0000	•	•	.00
	PREHARVEST	E	FERTILIZER (N)	APPLIED	120.0000	c	٧	.00
	PREHARVEST	ō	IRRIGATION	AFFELLED	3.0000	•	•	.00
		й	PLANTING		1.0000			.00
	PREHARVEST	E		SORGHUM	6.0000	С	٧	.00
	PREHARVEST		SEED			·	•	
	PREHARVEST	М	CULTIVATING	8 ROW	1.0000			.00
06/15/87	PREHARVEST	0	IRRIGATION		3.0000			.00
06/15/87	PREHARVEST	E	INSECTICIDE	Sorghum	1.0000	С	٧	.00
06/30/87	PREHARVEST	М	PICKUP TRUCK	3/4 TCN	20.0000			.00
07/15/87	PREHARVEST	0	IRRIGATION		6.0000			.00
08/15/87	PREHARVEST	0	IRRIGATION		6.0000			.00
09/20/87		Ğ	CUSTOM HARVEST	SORGHUMI	57.0000	С	٧	.00
09/20/87		Ğ	CUSTOM HAULING		57.0000	č	Ý	.00
09/30/87	IMN I EU I	ĸ	CASH-RENT	SORGHUMS	1.0000	•	F	.00

## SOYBEANS, IRRIGATED, (NATURAL GAS) Texas Panhandle District (1) 1987 Projected Costs and Returns per Acre

	198/ Projected	costs and ket	urns p	er acre		Your
GROSS INCOME DE SOYBEANS Total GROSS Inc	**********	Quantity 50.000	Unit ==== bu.	\$ / Unit 10.0000	Total 500.00	Estimate
VARIABLE COST D		Quantity	Unit	\$ / Unit	Total	
		********	====			
PREHARVEST HERBICIDE		1.000	acre	6,000	6 00	
FERTILIZER	(N)	40.000	lb.	. 110	6.00 4.40	
SEED	(14)	60.000	1b.	. 150	9.00	
	- Machinery	00.000	Acre	. 130	7.75	
raci a case	- Irrigation		Acre		61.95	
Repairs	- Machinery		Acre		3.01	
	- Irrigation		Acre		21.65	
Labor	- Machinery	1.828	Hour	5.001	9.14	
	- Irrigation	0.931	Hour	5.501	5.12	
Total PREHARV	EST				128.02	
HARVEST						
CUSTOM HARV		1.000	acre	15.000	15.00	
CUSTOM HAUL	.ING	50.000	bu.	. 150	7.50	
Total HARVEST						
Total HARVEST					22.50	
Interest	- OC Borrowed	49.577	Dol.	0.105	5.21	
Interest	- Positive Cash	-8.619	Dol.	0.053	-0.45	
				• • • • • • • • • • • • • • • • • • • •		
Total VARIABLE	COST				155.27	
Break-Even Pr	ice, Total Variable	Cost \$ 3	.10 pe	r bu. of SOYB	EANS	
GROSS INCOME mi	nus VARIABLE COST				344.73	
FIXED COST Desc	ription		Unit		Total	
			2000			
Machinery and	Equipment		Acre		29.63	
Irrigation			Acre		61.30	
Land			Acre		35.00	
T-4-1 ETYED 0	•				8888888888	
Total FIXED Cos	t				125.93	
Break-Even Pr	ice, Total Cost \$	5.62 per bu	. of S	OYBEANS		
Total of ALL Co	st				281.20	
NET PROJECTED R	FTURNS				218.80	
I NOOLOILD K	E I GIIII				210.80	

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT	NAME	NUMBER OF UNITS	H	EIGHT PER EAD	NON- CASH	LANDLORD Share	BREAK EVEN PROD.
09/20/87	HARVEST	A	SOYBEANS		50.0000		.000	00 C	.00	Y
DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT	NAME	NUMBER OF Units	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE		
11/10/86	PREHARVEST	M	SHREDDING		1.0000			.00		
	PREHARVEST	M	DISCING	OFFSET	1.0000			.00		
	PREHARVEST	M	SWEEPING		1.0000			.00		
12/20/86	PREHARVEST	M	CHISELING		1.0000			.00		
12/31/86	PREHARVEST	М	PICKUP TRUCK	3/4 TON	1.0000			.00		
02/15/87	PREHARVEST	М	DISCING	OFFSET	1.0000			.00		
04/05/87	PREHARVEST	M	DISCING	TANDEM	1.0000			.00		
	PREHARVEST	M	DISC & SPRAY		1.0000			.00		
	PREHARVEST	Ε	HERBICIDE	SOYBEAN	1.0000	С	٧	.00		
	PREHARVEST	M	BEDDING		1.0000			.00		
	PREHARVEST	M	CULTIVATING	ROLLING	1.0000			.00		
	PREHARVEST	0	IRRIGATION		8.0000	_		.00		
	PREHARVEST	E	FERTILIZER (N)		40.0000	С	٧	.00		
	PREHARVEST	M	PLANTING	12 ROW	1.0000	С	٧	.00		
	PREHARVEST	E	SEED	SOYBEAN	60.0000	L	٧	.00		
	PREHARVEST	M	CULTIVATING	ROLLING	1.0000			.00		
	PREHARVEST	M	FURROW OPENING	•						
	PREHARVEST	0	IRRIGATION		8.0000 4.0000			.00		
	PREHARVEST	0	IRRIGATION CUSTOM HARVEST	SOYBEAN	1.0000	С	V	.00		
09/20/87 09/20/87		G G	CUSTOM HAULING		50.0000	Č	v	.00		
	MAR4E91	_	CASH-RENT	SOYBEANS	1.0000	·	Ě	.00		
09/30/87		K	CASIT-KEN I	2010EWN2	1.0000		г	.00		

## SUGAR BEETS, IRRIGATED Texas Panhandle District (1) 1987 Projected Costs and Returns per Acre

	1987 Projected	Costs and Ret	urns p	er Acre		Valla
GROSS INCOME DE SUGAR BEETS Total GROSS Inc		Quantity 20.000	Unit ==== ton	\$ / Unit 36.0000	Total 720.00	Your Estimate
TOTAL GRUSS INC	one				720.00	
VARIABLE COST D	escription	Quantity	Unit	\$ / Unit	Total	
HERBICIDE FERTILIZER SEED FUNGICIDE	(N)	1.000 75.000 10.000 1.000	acre 1b. 1b. app1	58.000 .110 2.600 8.000	58.00 8.25 26.00 8.00	
INSECTICIDE FUNGICIDE FUNGICIDE		1.000 1.000 1.000	acre appl appl	28.500 8.000 8.000	28.50 8.00 8.00	
FUNGICIDE	e - Machinery - Irrigation	1.000	appi Acre Acre	8.000	8.00 12.71 87.95	
Repairs Labor	- Machinery - Irrigation	0.604	Acre Acre	F 000	4.59 10.99	
Labor	- Machinery - Other - Irrigation	3.624 8.000 2.435	Hour Hour Hour	5.000 5.000 5.499	18.12 40.00 13.39	
Total PREHARV	EST				340.51	
Interest HARVEST	- OC Borrowed	134.445	Dol.	0.105	14.12	
CUST HARV &	HAUL	20.000	ton	4.500	90.00	<del></del>
Total HARVEST					90.00	
Total VARIABLE	CUST				444.62	
Break-Even Pr	rice, Total Variable	Cost \$ 22	2.23 pe	r ton of SUGA	R BEETS	
GROSS INCOME mi	nus VARIABLE COST				275.38	
FIXED COST Desc	ription		Unit		Total	
Machinery and Irrigation	I Equipment		Acre Acre		49.08 46.33	
Land			Acre		100.00	
Total FIXED Cos	-	00 00 may t			195.41	
	rice, Total Cost \$	32.00 per to	on of S	UGAK BEETS		
Total of ALL Co					640.04	
NET PROJECTED R	ETURNS				79.96	

DATE	STAGE OF	TYPE OF	PRODUCT	NAME	NUMBER OF	WEIGHT PER	CASH NON-	LANDLORD SHARE	BREAK EVEN	
		PROD.			UNITS	HEAD	CASH		PRCD.	
********	88000000868080860	-		******		******	HUNGE			
09/20/87	HARVEST	A	SUGAR BEETS		20.0000	.0000	С	.00	Y	

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAI	-	NUMBER OF Units	CASH NON- CASH	OR VARI.	LANDLORD SHARE
09/20/86	PREHARVEST	М	DISCING	OFFSET	1.0000			.00
09/30/86	PREHARVEST	Ĥ	DISCING	OFFSET	1.0000			.00
10/30/86	PREHARVEST	Ĥ	DISCING	OFFSET	1.0000			.00
01/10/87	PREHARVEST	H	CHISELING		1.0000			.00
01/20/87	PREHARVEST	H	CHISELING		1.0000			.00
01/30/87	PREHARVEST	H	DISC & SPRAY		1.0000			.00
01/30/87	PREHARVEST	E	HERBICIDE	SUGBEET	1.0000	С	٧	.00
02/04/87	PREHARVEST	М	FLOATING		1.0000			.00
02/15/87	PREHARVEST	М	LISTING		1.0000			.00
02/25/87	PREHARVEST	М	PLANTING		1.0000			.00
02/25/87	PREHARVEST	E	FERTILIZER (N)	APPLIED	75.0000	C	٧	.00
02/25/87	PREHARVEST	E	SEED	SUGBEET	10.0000	С	٧	.00
03/15/87	PREHARVEST	Н	CULTIVATING	ROLLING	1.0000			.00
03/30/87	PREHARVEST	М	CULTIVATING	ROLLING	1.0000			.00
04/05/87	PREHARVEST	0	IRRIGATION	FURROW	5.0000			.00
04/15/87	PREHARVEST	М	CULTIVATING	ROLLING	1.0000			.00
04/20/87	PREHARVEST	0	IRRIGATION	FURROW	5.0000			.00
04/30/87	PREHARVEST	M	CULTIVATING	ROLLING	1.0000			.00
05/15/87	PREHARVEST	М	CULTIVATING	ROLLING	1.0000			.00
05/20/87	PREHARVEST	Н	HOEING		2.0000	С	٧	.00
05/25/87	PREHARVEST	Ε	FUNGICIDE		1.0000	С	٧	.00
05/30/87	PREHARVEST	H	CULTIVATING	ROLLING	1.0000			.00
06/01/87	PREHARVEST	H	PICKUP TRUCK	3/4 TON	20.0000			.00
	PREHARVEST	0	IRRIGATION	FURROW	5.0000			.00
	PREHARVEST	М	CULTIVATING	8 RCW	1.0000			.00
06/18/87	PREHARVEST	E	INSECTICIDE	SUGBEET	1.0000	С	٧	.00
	PREHARVEST	Н	HOEING		2.0000	С	٧	.00
	PREHARVEST	E	FUNGICIDE		1.0000	С	٧	.00
	PREHARVEST	0	IRRIGATION	FURROH	5.0000			.00
	PREHARVEST	Н	HOEING		2.0000	С	V	.00
	PREHARVEST	E	FUNGICIDE		1.0000	С	٧	.00
	PREHARVEST	0	IRRIGATION	FURROW	5.0000			.00
	PREHARVEST	H	HOEING		2.0000	C	Y	.00
	PREHARVEST	E	FUNGICIDE		1.0000	С	V	.00
	PREHARVEST	0	IRRIGATION	FURROW	5.0000	_	_	.00
09/20/87		K	CASH-RENT	SUGBEET	1.0000	C	F	.00
09/20/87	HARVEST	G	CUST HARY & HAUL	SUGBEET	20.0000	С	٧	.00

## WHEAT, DRYLAND Texas Panhandle District (1) 1987 Projected Costs and Returns per Acre

1987 Projected	costs and Ret	urns p	er acre		N
GROSS INCOME Description DEFICIENCY PMT. WHEAT GRAZING DRYLAND WHEAT	Quantity 18.000 60.000 18.000	Unit bu. days bu.	\$ / Unit 2.1000 0.1000 2.0700	Total 37.80 6.00 37.26	Your Estimate
Total GROSS Income				81.06	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
SEED Fuel & Lube - Machinery Repairs - Machinery	0.500	bu. Acre Acre	4.500	2.25 4.00 1.52	
Labor - Machinery	1.264	Hour	5.000	6.32	
Total PREHARVEST HARVEST				14.09	
CUSTOM HARVEST CUSTOM HAULING	1.000 18.000	bu. bu.	10.000 .100	10.00 1.80	
Total HARVEST				11.80	
Interest - OC Borrowed Interest - Positive Cash	9.141 -1.494	Dol. Dol.	0.105 0.052	0.96 -0.08	
Total VARIABLE COST				26.77	
GROSS INCOME minus VARIABLE COST				54.29	
FIXED COST Description  Machinery and Equipment		Unit		Total	
Land		Acre		15.00	
Total FIXED Cost				27.73	
Total of ALL Cost				54.49	
NET PROJECTED RETURNS				26.57	

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT	NAME	NUMBER OF UNITS	Н	EIGHT PER EAD	NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
01/15/87		A	GRAZING	DRYLAND	20.0000		.000		.00	N
02/15/87		Â	GRAZING	DRYLAND	20.0000		.000		.00	Ñ
03/15/87		Â	GRAZING	DRYLAND	20.0000		.000		.00	Ñ
05/20/87	HARVEST	Ä	WHEAT		18.0000		.000		.00	N
05/20/87	HARVEST	A	DEFICIENCY PMT.	WHEAT	18.0000		.000	0 C	.00	N
DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT N	IAME	NUMBER OF Units	CASH NON-	OR	LANDLORD SHARE	)	
********		2111 U1			ONI 12	CASH	VARI.	*******	1	
06/15/86			SWEEPING					.00		
	************								)	
07/15/86	PREHARVEST	M	SHEEPING		1.0000			.00	) }	
07/15/86 08/15/86	PREHARVEST PREHARVEST	M M	SWEEPING CHISELING		1.0000 1.0000			.00.	) } }	
07/15/86 08/15/86 09/10/86	PREHARVEST PREHARVEST PREHARVEST	M M M	SMEEPING CHISELING SMEEPING	2 DRILLS	1.0000 1.0000 1.0000		02200	.00. 00.	) }	
07/15/86 08/15/86 09/10/86 09/20/86 09/20/86	PREHARVEST PREHARVEST PREHARVEST PREHARVEST PREHARVEST PREHARVEST	M M M M M	SMEEPING CHISELING SMEEPING SMEEPING DRILLING SEED		1.0000 1.0000 1.0000 1.0000			.00 .00 .00		
07/15/86 08/15/86 09/10/86 09/20/86 09/20/86 12/31/86	PREHARVEST PREHARVEST PREHARVEST PREHARVEST PREHARVEST PREHARVEST PREHARVEST	M M M M M	SMEEPING CHISELING SMEEPING SMEEPING DRILLING SEED PICKUP TRUCK	2 DRILLS MHEAT 3/4 TON	1.0000 1.0000 1.0000 1.0000 1.0000 5000 20.0000		γ	.00 .00 .00 .00 .00		
07/15/86 08/15/86 09/10/86 09/20/86 09/20/86 12/31/86 05/20/87	PREHARVEST PREHARVEST PREHARVEST PREHARVEST PREHARVEST PREHARVEST PREHARVEST HARVEST	M M M M H E M	SMEEPING CHISELING SMEEPING SMEEPING DRILLING SEED PICKUP TRUCK CUSTOM HARVEST	2 DRILLS WHEAT 3/4 TON WHEATD	1.0000 1.0000 1.0000 1.0000 1.0000 20.0000 1.0000	C C	V V	.00 .00 .00 .00 .00		
07/15/86 08/15/86 09/10/86 09/20/86 09/20/86 12/31/86	PREHARVEST PREHARVEST PREHARVEST PREHARVEST PREHARVEST PREHARVEST PREHARVEST HARVEST	M M M M M	SMEEPING CHISELING SMEEPING SMEEPING DRILLING SEED PICKUP TRUCK	2 DRILLS MHEAT 3/4 TON	1.0000 1.0000 1.0000 1.0000 1.0000 5000 20.0000	. C	γ	.00 .00 .00 .00 .00		

## WHEAT, FURROW IRRIGATED, (NATURAL GAS) Texas Panhandle District (1) 1987 Projected Costs and Returns per Acre

1987 Projected	costs and ket	urns p	er acre		Your
GROSS INCOME Description DEFICIENCY PMT. WHEAT GRAZING IRRIG. WHEAT	Quantity 60.000 105.000 60.000	Unit ==== bu. days bu.	\$ / Unit 2.1000 0.3000 2.0700	Total 126.00 31.50 124.20	Estimate
Total GROSS Income				281.70	
VARIABLE COST Description PREHARVEST	Quantity	Unit	\$ / Unit	Total	
FERTILIZER (N) HAIL INSURANCE INSECTICIDE SEED Fuel & Lube - Machinery - Irrigation Repairs - Machinery - Irrigation	100.000 105.000 1.000 1.250	1b. \$ app1 bu. Acre Acre Acre	.110 .150 5.500 4.500	11.00 15.75 5.50 5.62 4.01 70.36 1.82 8.79	
Labor - Machinery - Irrigation	0.744 1.948	Hour Hour	5.000 5.500	3.72 10.71	
Total PREHARVEST Harvest Custom Harvest Custom Hauling	60.000 60.000	bu. bu.	. 250 . 100	137.29 15.00 6.00	
Total HARVEST				21.00	
Interest - OC Borrowed Interest - Positive Cash Total VARIABLE COST	78.490 -2.205	Dol. Dol.	0.105 0.053	8.24 -0.12 	
TOTAL VARIABLE COST				100.42	<del></del>
GROSS INCOME minus VARIABLE COST				115.28	
FIXED COST Description  Machinery and Equipment  Irrigation  Land		Unit acre Acre Acre		Total 13.04 37.07 30.00	
Total FIXED Cost				80.10	
Total of ALL Cost				246.52	
NET PROJECTED RETURNS				35.18	

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT	NAME	NUMBER OF UNITS	H	EIGHT PER EAD	NON- CASH	LANDLORD SHARE	BREAK EVEN PRCD.
12/15/86		A	GRAZING	IRRIG.	30.0000		.000	O N	.00	N
01/15/87		Ä	GRAZING	IRRIG.	30.0000		.000		.00	N
02/15/87		Ä	GRAZING	IRRIG.	30.0000		.000		.00	N
03/15/87		Ä	GRAZING	IRRIG.	15.0000		.000		.00	Ň
05/20/87	HARVEST	Ä	WHEAT		60.0000		.000		.00	Ň
05/20/87	HARVEST	Ā	DEFICIENCY PMT.	. WHEAT	60.0000		.000	0 C	.00	N
DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT N	NAME	NUMBER OF Units	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE	1	
06/15/86	PREHARVEST	M	DISCING	OFFSET	1.0000			.00		
07/15/86	PREHARVEST	Ĥ	SHEEPING		1.0000			.00		
08/05/86	PREHARVEST	M	CHISELING		1.0000			.00		
08/10/86	PREHARVEST	н	DISCING	OFFSET	1.0000			.00		
08/12/86	PREHARVEST	E	FERTILIZER (N)	APPLIED	100.0000	С	٧	.00		
08/15/86	PREHARVEST	M	BEDDING		1.0000			.00		
08/15/86	PREHARVEST	Ε	HAIL INSURANCE		105.0000	С	٧	.00		
08/20/86	PREHARVEST	M	ROD WEEDING		1.0000			.00		
08/20/86	PREHARVEST	Ε	INSECTICIDE	KHEAT	1.0000	С	٧	.00		
	PREHARVEST	M	DRILLING	2 DRILLS	1.0000			.00		
	PREHARVEST	E	SEED	KHEAT	1.2500	С	٧	.00		
	PREHARVEST	0	IRRIGATION	FURROW	8.0000			.00		
11/15/86	PREHARVEST	0	IRRIGATION	FURROW	4.0000			.00		
	PREHARVEST	0	IRRIGATION	FURROW	4.0000			.00		
04/10/87	PREHARVEST	0	IRRIGATION	FURROW	4.0000			.00		
	PREHARVEST	0	IRRIGATION	FURROW	4.0000	_		.00		
05/20/87		G	CUSTOM HARVEST	WHEATI	60.0000	С	٧	.00		
05/20/87	HARVEST	G	CUSTOM HAULING	MHEAT	60.0000	С	Y	.00		
05/31/87		K	CASH-RENT	MHEATF	1.0000		F	.00	)	

# WHEAT, SPRINKLER IRRIGATED, (NATURAL GAS) Texas Panhandle District (1) 1987 Projected Costs and Returns per Acre

1567 Frojected	COSTS AND RET	.u. 113 p	di Aci e		Your
GROSS INCOME Description  DEFICIENCY PMT. WHEAT GRAZING IRRIG. WHEAT  Total GROSS Income	Quantity 60.000 105.000 60.000	Unit bu. days bu.	\$ / Unit 2.1000 0.3000 2.0700	Total 126.00 31.50 124.20	Estimate
			_		
VARIABLE COST Description PREHARVEST	Quantity	Unit	\$ / Unit	Total	
FERTILIZER (N) INSECTICIDE SEED HAIL INSURANCE Fuel & Lube - Machinery - Irrigation Repairs - Machinery - Irrigation Labor - Machinery - Irrigation Total PREHARVEST	160.000 1.000 1.250 115.000	1b. app1 bu. \$ Acre Acre Acre Hour	.110 5.500 4.500 .150 5.000 5.499	17.60 5.50 5.62 17.25 5.33 52.66 2.57 18.40 7.61 4.35	
HARVEST CUSTOM HARVEST CUSTOM HAULING	60.000 60.000	bu. bu.	. 250 . 100	15.00 6.00	
Total HARVEST				21.00	
Interest - OC Borrowed Interest - Positive Cash Total VARIABLE COST	75.312 -1.989	Dol. Dol.	0.105 0.053	7.91 -0.10 ======== 165.71	<u> </u>
GROSS INCOME minus VARIABLE COST				115.99	
FIXED COST Description  Machinery and Equipment  Irrigation Land		Unit		Total 18.87 52.10 25.00	
Total FIXED Cost				95.97	
Total of ALL Cost				261.68	
NET PROJECTED RETURNS	-			20.02	

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT	NAME	NUMBER OF Units	WEIGHT PER HEAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.	
02002200		******	************	**********	************		92222		22626	
12/15/86		A	GRAZING	IRRIG.	30.0000	.0000	N	.00	N	
01/15/87		A	GRAZING	IRRIG.	30.0000	.0000	N	.00	N	
02/15/87		A	GRAZING	IRRIG.	30.0000	.0000	N	.00	N	
03/15/87		Α	GRAZING	IRRIG.	15.0000	.0000	N	.00	N	
05/20/87	HARVEST	A	WHEAT		60.0000	.0000	С	.00	N	
05/20/87	HARVEST	A	DEFICIENCY PM	T. WHEAT	60.0000	.0000	С	.00	N	
DATE	STAGE OF	TYPE OF	INPUT	NAME	NUMBER OF		ANDLORE Share	)		
	PRODUCTION	INPUT			UNITS	CASH VARI.				
		86088		*************			-	2		
07/10/86	PREHARVEST	M	DISCING	OFFSET	1.0000		.00	)		
07/20/86	PREHARVEST	M	DISCING	OFFSET	1.0000		.00	)		
00 /0E /0/	DDCHADVECT		DICCINC	OFFCET	1 0000		00	`		

B-1241(CO1)

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

# PERMANENT PASTURE ESTABLISHMENT, SPRINKLER IRRIG. Texas Panhandle District (1) 1987 Projected Costs and Returns per Acre

1507 Trojected	oosts and ket	.u	ei Acic		Your
GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Estimate
*****************		====			=======
-WARNING- No gross receipts					
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
	2000000000	====	========		
FERTILIZER (N)	40.000	1b.	.110	4.40	
FERTILIZER (P)	50.000	1b.	. 250	12.50	
SEED	15.000	lb.	1.000	15.00	<del></del>
Fuel & Lube - Machinery		Acre		7.10	
- Irrigation		Acre		18.59	
Repairs - Machinery		Acre		2.72	
- Irrigation		Acre		6.50	
Labor - Machinery	2.743	Hour	5.000	13.72	
- Irrigation	0.279	Hour	5.500	1.54	
Interest - OC Borrowed	31.379	Dol.	0.105	3.29	
Total VARIABLE COST				85.35	
GROSS INCOME minus VARIABLE COST				-85.35	
FIXED COST Description		Unit		Total	
				=========	
Machinery and Equipment		Acre		34.95	
Irrigation	,	Acre		18.39	
Land		Acre		25.00	
<b>—</b>				=========	
Total FIXED Cost				78.34	
Total of ALL Cost				163.68	
NET PROJECTED RETURNS				-163.68	
				100.00	

B-1241(CO1)

DATE STAGE **TYPE** PRODUCT NAME NUMBER WEIGHT CASH LANDLORD BREAK OF OF PER NON-SHARE EVEN PRODUCTION PROD. UNITS **HEAD** CASH PROD.

-WARNING- NO VALID RECEIPTS RECORDS

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT	NAME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
07/10/87		М	PLOWING		1.0000			
								.00
07/15/87		H	FLOATING		1.0000			.00
07/20/87		М	DISCING	TANDEM	1.0000			.00
08/05/87		M	DISCING	TANDEM	1.0000			.00
08/10/87		M	PACKING		1.0000			.00
08/14/87		E	FERTILIZER (N)	APPLIED	40.0000	С	٧	.00
08/14/87		E	FERTILIZER (P)	APPLIED	50.0000	С	٧	.00
08/15/87		М	DRILLING	1 DRILL	1.0000			.00
08/15/87		E	SEED	PASTURE	15.0000	С	٧	.00
08/20/87		M	PACKING		1.0000			.00
09/15/87		0	IRRIGATION		4.0000			.00
10/31/87		М	PICKUP TRUCK	3/4 TON	15.0000			.00
11/15/87		0	IRRIGATION		2.0000			.00
12/31/87		K	CASH-RENT	PASTURE	1.0000		F	.00