GRAPEFRUIT, MATURE GROVE, IRRIGATED South Texas Distrcit (12) 1986 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
	222222222	====			00000000
GRAPEFRUIT	16.000	ton	1.0000	16.00	
Total GROSS Income				16.00	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	

NITROGEN (DRY)	58.000	1b.	. 250	14.50	
NITROGEN (DRY)	58.000	1b.	. 250	14.50	
IRRIGATION		AcIn		8.00	
INSECTICIDE	1.000	appl	49.500	49.50	
INSECTICIDE APPL	1.000	appl	26.000	26.00	
HERBICIDE	1.000	acre	46.660	46.66	
IRRIGATION		AcIn		8.00	
INSECTICIDE	1.000	appl	49.500	49.50	
INSECTICIDE APPL	1.000	appl	26.000	26.00	
IRRIGATION		AcIn		8.00	
HERBICIDE	1.000	acre	46.660	46.66	
IRRIGATION		AcIn		8.00	
INSECTICIDE	1.000	appl	49.500	49.50	
INSECTICIDE APPL	1.000	appl	26.000	26.00	
HERBICIDE	1.000	acre	46.660	46.66	
TREE REPLACEMENT	1.000	tree	5.000	5.00	
IRRIGATION		AcIn		8.00	
Fuel & Lube - Machinery		Acre		20.28	
Repairs - Machinery		Acre		8.29	
Labor - Machinery	7.886	Hour	5.001	39.43	<u> </u>
- Other	6.000	Hour	4.500	27.00	
- Irrigation	7.500	Hour	4.500	33.75	
Interest - OC Borrowed	306.902	Dol.	0.120	36.83	
Total VARIABLE COST				606.06	
Break-Even Price. Total Variable	e Cost \$ 37	.87 pe	r ton of GRAP	PEFRUIT	
GROSS INCOME minus VARIABLE COST				-590.06	
FIXED COST Description		Unit		Total	

Machinery		Acre		75.89	
Land		Acre		105.00	<u> </u>
Perennial Crop		Acre		692.99	
Total FIXED Cost				873.88	
Break-Even Price, Total Cost \$	92.49 per to	on of G	RAPEFRUIT		
Total of ALL Cost				1479.94	<u></u>
NET PROJECTED RETURNS				-1463.94	
					-

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DATE	STAGE OF PRODUCTION	TYPE OF PRCD.	PRODUCT N/	ME	NUMBER OF UNITS	I	EIGHT PER EAD	CASH NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
12/20/86		 A	GRAPEFRUIT		16.0000	00008	.000		.00	 Y
DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NA		NUMBER OF UNITS	NON- Cash	OR VARI.	LANDLORD SHARE		
01/15/86		E	NITROGEN (DRY)		58.0000	<u>соосо</u> С	00000 V	.00		
01/15/86		Ň	APPLY FERTILIZER		.5000	C	•	.00		
02/10/86		Ĥ	DISCING	BORDER	1.0000			.00		
02/15/86		н	HIRED LABOR		1.0000			.00		
02/15/86		E	NITROGEN (DRY)		58.0000	С	v	.00		
02/15/86		H	APPLY FERTILIZER		.5000			.00		
02/20/86		M		TREES	1.0000			.00		
03/05/86		M	DISCING-OFFSET	13 FT	1.0000			.00 .00		
03/10/86 03/14/86		M	DISCING DITCHING	BORDER	1.0000 .0100			.00		
03/15/86		0	IRRIGATION	CITRUS	6.0000			.00		
03/15/86		ň	HIRED LABOR	011100	1.0000			.00		
03/25/86		Ň		TREES	1.0000			.00		
04/10/86		Ë	INSECTICIDE	CITRUS	1.0000	С	v	.00		
04/10/86		Ğ	INSECTICIDE APPL	CITRUS	1.0000	С	Ŷ	.00		
04/15/86		н	HIRED LABOR		1.0000			.00		
04/20/86		E	HERBICIDE	CITRUS4	1.0000	С	V	.00		
04/20/86		M	SPRAYING	ORCHARD	1.0000			.00		
05/05/86		M		13 FT	1.0000			.00		
05/14/86		м	DITCHING	0110VC	.0100			.00		
05/15/86		0	IRRIGATION	CITRUS	6.0000			.00 .00		
05/15/86 06/20/86		H	HIRED LABOR PICKUP TRUCK	3/4 TON	1.0000 20.0000			.00		
07/05/86		M	DISCING-OFFSET	13 FT	1.0000			.00		
07/10/86		Ë	INSECTICIDE	CITRUS	1.0000	С	v	.00		
07/10/86		Ĝ	INSECTICIDE APPL		1.0000	č	Ý	.00		
07/15/86		Ō	IRRIGATION	CITRUS	6.0000			.00		
07/15/86		н	HIRED LABOR		1.0000			.00		
07/20/86		E	HERBICIDE	CITRUS4	1.0000	С	V	.00		
07/20/86		M	SPRAYING	ORCHARD	1.0000			.00		
09/05/86		M	DISCING-OFFSET	13 FT	1.0000			.00		
09/10/86		M M	DISCING	BORDER	1.0000			.00 .00		
09/14/86 09/15/86		0	DITCHING IRRIGATION	CITRUS	.0100			.00		
09/15/86		н	HIRED LABOR	CITADS	1.0000			.00		
09/25/86		Ň	HOEING	TREES	1.0000			.00		
10/10/86		Ë	INSECTICIDE	CITRUS	1.0000	С	V	.00		
10/10/86		Ğ	INSECTICIDE APPL	CITRUS	1.0000	С	V	.00		
10/20/86		Ε	HERBICIDE	CITRUS4	1.0000	С	V	.00		
10/20/86		м	SPRAYING	ORCHARD	1.0000			.00		
11/05/86		M	DISCING-OFFSET	13 FT	1.0000			.00		
11/10/86		M	DISCING	BORDER	1.0000	~	v	.00		
11/12/86		E	TREE REPLACEMENT		1.0000	С	۷	.00 .00		
11/14/86		M	DITCHING IRRIGATION	CITRUS	.0100 6.0000			.00		
11/15/86 11/25/86		M	HOEING	TREES	1.0000			.00		
12/31/86		ĸ	CASH-RENT	CITRUS	1.0000		F	.00		
12/31/86		Ĺ	CITRUS	ESTABL.	1.0000		F	.00		
12/31/86		ĩ	CITRUS	2ND YEAR	1.0000		F	.00		
12/31/86		Ē	GRAPEFRUIT	3RD YEAR	1.0000		F	.00		
12/31/86		L	GRAPEFRUIT	4TH YEAR	1.0000		F	.00	ł	

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GRAPEFRUIT, PURCHASED MATURE GROVE, IRRIGATED South Texas Distrcit (12) 1986 Projected Costs and Returns per Acre

1986 Projected	Costs and Ret	urns p	er Acre		Your
GROSS INCOME Description GRAPEFRUIT	Quantity 14.000	Unit ==== ton	\$ / Unit 1.0000	Tota1 14.00	Estimate
Total GROSS Income				14.00	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
NITROGEN (DRY) NITROGEN (DRY) IRRIGATION INSECTICIDE INSECTICIDE APPL HERBICIDE IRRIGATION INSECTICIDE APPL IRRIGATION HERBICIDE IRRIGATION INSECTICIDE APPL HERBICIDE IRRIGATION Labor - Irrigation	58.000 58.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 7.500	<pre>b. lb. AcIn app1 acrn app1 AcIn AcIn app1 acre AcIn app1 acre AcIn AcIn</pre>	.250 .250 49.500 26.000 46.660 49.500 26.000 46.660 49.500 26.000 46.660 49.500	14.50 14.50 8.00 49.50 26.00 49.50 26.00 8.00 49.50 26.00 8.00 49.50 26.00 46.66 8.00 49.50 26.00 33.75	
Interest - OC Borrowed Total VARIABLE COST	233.963	Dol.	0.120	28.08 	
Break-Even Price, Total Variable	e Cost \$ 35	.52 pe	r ton of GRAP		
GROSS INCOME minus VARIABLE COST		·		-483.31	
FIXED COST Description RETURN ON INVEST Land		Unit ==== \$ Acre		Tota1 210.00 105.00	
Total FIXED Cost				315.00	
Break-Even Price, Total Cost \$	58.02 per to	on of G	RAPEFRUIT		
Total of ALL Cost				812.31	
NET PROJECTED RETURNS				-798.31	<u></u>

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DATE .	STAGE OF Production	TYPE OF PROD.	PRODUCT NAM	E Seconaria	NUMBER OF UNITS	F	EIGHT PER EAD	NON- CASH	LANDLORD Share	BREAK EVEN PROD.
12/20/86		A	GRAPEFRUIT		14.0000		.000	0 C	.00	Y
DATE	STAGE OF PRODUCTION	TYPE OF INPUT			NUMBER OF UNITS	CASH NON- CASH	OR VARI.	LANDLORD SHARE		
01/15/86		E	NITROGEN (DRY)		58,0000	С	V	.00		
02/15/86		Ē	NITROGEN (DRY)		58.0000	Č	Ý	.00		
03/15/86		Ō	IRRIGATION C	ITRUS	6.0000			.00		
04/10/86		Ε	INSECTICIDE C	ITRUS	1.0000	С	V	.00		
04/10/86		G	INSECTICIDE APPL C	ITRUS	1.0000	С	V	.00		
04/20/86		E	HERBICIDE C	ITRUS4	1.0000	С	V	.00		
05/15/86		0	IRRIGATION C	ITRUS	6.0000			.00		
07/10/86		E	INSECTICIDE C	ITRUS	1.0000	С	۷	.00		
07/10/86		G	INSECTICIDE APPL C		1.0000	С	V	.00		
07/15/86		0		ITRUS	6.0000			.00		
07/20/86		E		ITRUS4	1.0000	С	v	.00		
09/15/86		0		ITRUS	6.0000	-		.00		
10/10/86		E		ITRUS	1.0000	C	V.	.00		
10/10/86		G E		ITRUS	1.0000	C	V	.00		
10/20/86				ITRUS4	1.0000	С	v	.00		
11/15/86		0		ITRUS	6.0000		-	.00		
12/31/86		ĸ		ITRUS	1.0000		F	.00		
12/31/86		E	RETURN ON INVEST		3500.0000		F	.00		

ORANGES ESTABLISHMENT, 3RD YEAR, IRRIGATED South Texas Distrcit (12) 1986 Projected Costs and Returns per Acre

Your \$ / Unit GROSS INCOME Description Quantity Unit Total Estimate --ORANGES 0.700 ton 1.0000 0.70 ______ === Total GROSS Income 0.70 \$ / Unit VARIABLE COST Description Quantity Unit Total ---------==== _______ ______ NITROGEN (DRY) IRRIGATION 58.000 1b. .250 14.50 8.00 AcIn INSECTICIDE 1.000 49.500 appl INSECTICIDE APPL 1.000 26.000 26.00 appl HERBICIDE 1.000 acre 23.330 23.33 IRRIGATION AcIn 8.00 INSECTICIDE 1.000 49.500 49.50 appl INSECTICIDE APPL 1.000 26.000 26.00 appl IRRIGATION AcIn 8.00 HERBICIDE 1.000 23.330 23.33 acre IRRIGATION 8.00 AcIn INSECTICIDE 1.000 49.500 49.50 appl 26.000 23.330 INSECTICIDE APPL 1.000 appl 26.00 HERBICIDE 1.000 23.33 acre TREE REPLACEMENT 1.000 tree 5.000 5.00 IRRIGATION AcIn 8.00 Fuel & Lube - Machinery Acre 20.28 - Machinery Repairs 8.29 Acre - Machinery 7.886 Labor 5.001 39.43 Hour -Other 6.000 Hour 4.500 27.00 Irrigation 7.500 Hour 4.500 33.75 - OC Borrowed Interest 261.369 Dol. 0.120 31.36 Total VARIABLE COST 516.11 Break-Even Price, Total Variable Cost \$ 737.28 per ton of ORANGES GROSS INCOME minus VARIABLE COST -515.41 FIXED COST Description Unit Total ----=========== Machinery Acre 75.89 Land 105.00 Acre Perennial Crop Acre 332.23 Total FIXED Cost 513.12 Break-Even Price, Total Cost \$ 1470.32 per ton of ORANGES Total of ALL Cost 1029.23 NET PROJECTED RETURNS -1028.53

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DATE	STAGE OF PRODUCTION	TYPE OF PRCD.		AME	NUMBER OF UNITS	H	EIGHT PER EAD	NON- CASH	LANDLORD SHARE	EVEN PROD.
12/20/86	898999999999999999999999999999999999999	A	ORANGES		.7000	88880	.000		.00	Y
DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAI		NUMBER OF UNITS	CASH NON- CASH	OR VARI.	LANDLORD SHARE		
02/10/86	8888888888888888888			BORDER	1.0000	89886	09090	.00		
02/15/86		M E	DISCING NITROGEN (DRY)	BURDER	58.0000	с	v	.00		
02/15/86		พี	APPLY FERTILIZER		1.0000	C	,	.00		
02/15/86		Ĥ	HIRED LABOR		1.0000			.00		
02/20/86		M	HOEING	TREES	1.0000			.00		
03/05/86		М	DISCING-OFFSET	13 FT	1.0000			.00		
03/10/86		М	DISCING	BORDER	1.0000			.00		
03/14/86		M	DITCHING		.0100			.00		
03/15/86		0	IRRIGATION	CITRUS	6.0000			.00		
03/15/86		Н	HIRED LABOR		1.0000			.00		
03/25/86		M	HOEING	TREES	1.0000	~	v	.00		
04/10/86 04/10/86		EG	INSECTICIDE INSECTICIDE APPL	CITRUS	1.0000	с с	v	00. 00.		
04/15/86		н	HIRED LABOR	CITROS	1.0000	Ľ	v	.00		
04/20/86		Ë	HERBICIDE	CITRUS3	1.0000	С	v	.00		
04/20/86		Ň	SPRAYING	ORCHARD	1.0000	Ť	•	.00		
05/05/86		Й	DISCING-OFFSET	13 FT	1.0000			.00		
05/14/86		M	DITCHING		.0100			.00		
05/15/86		0	IRRIGATION	CITRUS	6.0000			.00		
05/15/86		н	HIRED LABOR		1.0000			.00		
06/20/86		M	PICKUP TRUCK	3/4 TCN	20.0000			.00		
07/05/86		M	DISCING-OFFSET	13 FT	1.0000			.00		
07/10/86		E	INSECTICIDE	CITRUS	1.0000	C	¥.	.00		
07/10/86		G	INSECTICIDE APPL		1.0000	C	۷	.00		
07/15/86		0	IRRIGATION	CITRUS	6.0000			00. 00.		
07/15/86 07/20/86		H	HIRED LABOR HERBICIDE	CITRUS3	1.0000	С	v	.00		
07/20/86		Ň	SPRAYING	ORCHARD	1.0000	C	v	.00		
09/05/86		M	DISCING-OFFSET	13 FT	1.0000			.00		
09/10/86		й	DISCING	BORDER	1.0000			.00		
09/14/86		Ĥ	DITCHING		.0100			.00		
09/15/86		0	IRRIGATION	CITRUS	6.0000			.00		
09/15/86		н	HIRED LABOR		1.0000			.00		
09/25/86		М	HOEING	TREES	1.0000			.00		
10/10/86		E	INSECTICIDE	CITRUS	1.0000	С	۷	.00		
10/10/86		G	INSECTICIDE APPL		1.0000	C	V.	.00		
10/20/86		E	HERBICIDE	CITRUS3	1.0000	С	V	.00		
10/20/86		M	SPRAYING	ORCHARD	1.0000			.00		
11/05/86		M	DISCING-OFFSET	13 FT	1.0000			00. 00.		
11/10/86 11/12/86		M E	DISCING TREE REPLACEMENT	BORDER	1.0000	С	v	.00		
11/12/86		M	DITCHING		.0100	C C	•	.00		
11/15/86		0	IRRIGATION	CITRUS	6.0000			.00		
11/25/86		й	HOEING	TREES	1.0000			.00		
12/31/86		ĸ	CASH-RENT	CITRUS	1.0000		F	.00		
12/31/86		Ê	CITRUS	ESTABL.	1.0000		F	.00	I.	
12/31/86		L	CITRUS	2ND YEAR	1.0000		F	.00	I.	

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ORANGES ESTABLISHMENT, 4TH YEAR, IRRIGATED South Texas Distrcit (12) * 1986 Projected Costs and Returns per Acre

* 1986 Projected	Costs and Ret	urns p	er Acre		Maria
GROSS INCOME Description	Quantity 1.200	Unit ==== ton	\$ / Unit 1.0000	Total 1.20	Your Estimate
Total GROSS Income				1.20	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
NITROGEN (DRY) NITROGEN (DRY) IRRIGATION INSECTICIDE INSECTICIDE APPL HERBICIDE IRRIGATION INSECTICIDE APPL IRRIGATION HERBICIDE INSECTICIDE INSECTICIDE INSECTICIDE TREE REPLACEMENT IRRIGATION Fuel & Lube - Machinery Repairs - Machinery	44.000 44.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	<pre>b. lb. AcIn app1 acrn app1 AcIn app1 AcIn app1 acre AcIn app1 acre</pre>	$\begin{array}{r} .250\\ .250\\ 49.500\\ 26.000\\ 46.660\\ 49.500\\ 26.000\\ 46.660\\ 49.500\\ 26.000\\ 46.660\\ 5.000\end{array}$	$\begin{array}{c} 11.00\\ 11.00\\ 8.00\\ 49.50\\ 26.00\\ 46.66\\ 8.00\\ 49.50\\ 26.00\\ 8.00\\ 49.50\\ 26.00\\ 46.66\\ 8.00\\ 49.50\\ 26.00\\ 46.66\\ 5.00\\ 8.00\\ 20.28\\ 00\\ 20.28\end{array}$	
Labor - Machinery - Other - Irrigation Interest - OC Borrowed	7.886 6.000 7.500 300.850	Acre Hour Hour Hour Dol.	5.001 4.500 4.500 0.120	8.29 39.43 27.00 33.75 36.10	
Total VARIABLE COST				598.33	
Break-Even Price, Total Variable	e Cost \$ 498	8.60 pe	r ton of ORAN	IGES	
GROSS INCOME minus VARIABLE COST				-597.13	
FIXED COST Description Machinery Land Perennial Crop		Unit ==== Acre Acre Acre		Tota1 75.89 105.00 493.74	
Total FIXED Cost				674.63	
Break-Even Price, Total Cost \$ 1	060.79 per ta	on of O	RANGES		
Total of ALL Cost				1272.96	
NET PROJECTED RETURNS				-1271.76	

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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT N		NUMBER OF UNITS	н	EIGHT PER EAD	NON- Cash	LANDLORD Share	EVEN PROD.
12/20/86	000864886666655	A 19999	ORANGES	IOREIONAD :	1.2000	88888	.000		.00	Y
DATE	STAGE OF Production	TYPE OF INPUT			NUMBER Of Units	CASH NON- CASH	OR VARI.	LANDLORD Share		
01/15/86		E 00000	NITROGEN (DRY)		44.0000	C	V	.00		
01/15/86		М	APPLY FERTILIZER		.5000			.00		
02/10/86		M	DISCING	BORDER	1.0000	_	•	.00		
02/15/86		E	NITROGEN (DRY)		44.0000	C	V	.00		
02/15/86 02/15/86		M H	APPLY FERTILIZER HIRED LABOR		.5000			00. 00.		
02/20/86		M	HOEING	TREES	1.0000			.00		
03/05/86		Й	DISCING-OFFSET	13 FT	1.0000			.00		
03/10/86		M	DISCING	BORDER	1.0000			.00		
03/14/86		M	DITCHING		.0100			.00		
03/15/86		0	IRRIGATION	CITRUS	6.0000			.00		
03/15/86		H	HIRED LABOR		1.0000			.00		
03/25/86		H	HOEING	TREES	1.0000	~	v	.00		
04/10/86		E G	INSECTICIDE INSECTICIDE APPL	CITRUS	1.0000	C C	v	00. 00.		
04/10/86 04/15/86		H	HIRED LABOR	CITRUS	1.0000	L	v	.00		
04/20/86		Ë	HERBICIDE	CITRUS4	1.0000	С	v	.00		
04/20/86		Ň	SPRAYING	ORCHARD	1.0000	•	•	.00		
05/05/86		M	DISCING-OFFSET	13 FT	1.0000			.00		
05/14/86		М	DITCHING		.0100			.00		
05/15/86		0	IRRIGATION	CITRUS	6.0000			.00		
05/15/86		H	HIRED LABOR		1.0000			.00		
06/20/86		M M	PICKUP TRUCK	3/4 TON	20.0000		-	00. 00.		
07/05/86 07/10/86		E	DISCING-OFFSET INSECTICIDE	13 FT CITRUS	1.0000	с	v	.00		
07/10/86		Ğ	INSECTICIDE APPL		1.0000	č	v	.00		
07/15/86		ŏ	IRRIGATION	CITRUS	6.0000	-	•	.00		
07/15/86		Ĥ	HIRED LABOR		1.0000			.00		
07/20/86		E	HERBICIDE	CITRUS4	1.0000	С	V	.00		
07/20/86		M	SPRAYING	ORCHARD	1.0000			.00		
09/05/86		M	DISCING-OFFSET	13 FT	1.0000			.00		
09/10/86	•	M	DISCING	BORDER	1.0000			00. 00.		
09/14/86 09/15/86		M	DITCHING IRRIGATION	CITRUS	.0100			.00		
09/15/86		н	HIRED LABOR	CITROS	1.0000			.00		
09/25/86		й	HOEING	TREES	1.0000			.00		
10/10/86		Ë	INSECTICIDE	CITRUS	1.0000	С	v	.00		
10/10/86		G	INSECTICIDE APPL	CITRUS	1.0000	С	V	.00		
10/20/86		E	HERBICIDE	CITRUS4	1.0000	С	V	.00		
10/20/86		H	SPRAYING	ORCHARD	1.0000			.00		
11/05/86		H	DISCING-OFFSET	13 FT	1.0000			.00		
11/10/86		M E	DISCING	BORDER	1.0000	С	v	.00 .00		
11/12/86 11/14/86		E M	TREE REPLACEMENT DITCHING		1.0000	L	v	.00		
11/14/86		0	IRRIGATION	CITRUS	6.0000			.00		
11/25/86		й	HOEING	TREES	1.0000			.00		
12/31/86		ĸ	CASH-RENT	CITRUS	1.0000		F	.00		
12/31/86		Ê	CITRUS	ESTABL.	1.0000		F	.00		
12/31/86		L	CITRUS	2ND YEAR	1.0000		F	.00		
12/31/86		L	ORANGES	3RD YEAR	1.0000		F	.00		

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C12.60

	Estimate	11				II 00	00 11	004:0	
	Total	Total	14.50 14.50 8.00 49.50 26.00 46.66	4 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	85 33 33 33 33 33 33 33 33 35 35 35 35 35	u () a a	-595.08 Total	75.89 105.00 693.44 ===================================	1480.4 - 1469.4
VTED Der Acre	\$ / Unit ====================================	\$ / Unit	.250 .250 49.500 26.000 46.660	49.500 26.000 46.660	49.500 46.660 5.000 6.500 0.120 0.120	== r ton of ORANGES		DB ANGE S	
RIG (12) (12)	Unit ==== ton	Unit	1b. Acin appi acre	AcIn app] acre	ACIN appl Accre Ac	.09 per	Unit	tore tore	5
GROVE, Distrci s and Re	Quantity ===================================	Quantity ===================================	58.000 58.000 1.000 1.000	1.000 1.000	4.000 1.000 1.000 1.000 1.000 1.500 307.055	Cost \$ 55		134 58 14 14 14 14 14	
ORANGES, MATURE South Texas 1986 Projected Cost	GROSS INCOME Description	VARIABLE COST Description	NITROGEN (DRY) NITROGEN (DRY) IRRIGATION INSECTICIDE INSECTICIDE HERBICIDE	IRRIGATION INSECTICIDE APPL IRRIGATION Herbicide	IRRIGATION INSECTICIDE INSECTICIDE APPL HERBICIDE TREE REPLACEMENT IRRIGATION Fuel & Lube - Machinery Repairs - Machinery Labor - Other - Irrigation Interest - OC Borrowed	Total VARIABLE COST Break-Even Price, Total Variable	GROSS INCOME minus VARIABLE COST FIXED COST Description	Machinery Land Perennial Crop Total FIXED Cost <i>Break-Fven Price Total Cost</i> &	Cost Cost Returns

B-1241(C12)

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

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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT N		NUMBER OF UNITS	1 Hi	EIGHT PER EAD	NON- Cash	LANDLORD SHARE	EVEN PROD.
12/20/86		A	ORANGES	828288888	11.0000	899991	.000		.00	Y
DATE	STAGE OF PRODUCTION	TYPE OF INPUT			NUMBER OF UNITS	NON- Cash	OR VARI.	LANDLORD SHARE		
01/15/86		E	NITROGEN (DRY)		58.0000	С	v	.00		
01/15/86			APPLY FERTILIZER		.5000	-	•	.00		
02/10/86		М	DISCING	BORDER	1.0000			.00		
02/15/86		Ε	NITROGEN (DRY)		58.0000	С	V	.00		
02/15/86		M	APPLY FERTILIZER		.5000			.00		
02/15/86		н	HIRED LABOR		1.0000			.00		
02/20/86 03/05/86		M	HOEING DISCING-OFFSET	TREES 13 FT	1.0000			00. 00.		
03/10/86		M	DISCING	BORDER	1.0000			.00		
03/14/86		M	DITCHING	BUNDEN	.0100			.00		
03/15/86		ö	IRRIGATION	CITRUS	6.0000			.00		
03/15/86		Ĥ	HIRED LABOR		1.0000			.00		
03/25/86		M	HOEING	TREES	1.0000			.00		
04/10/86		Ε	INSECTICIDE	CITRUS	1.0000		V	.00		
04/10/86		G	INSECTICIDE APPL	CITRUS	1.0000	С	V	.00		
04/15/86		H	HIRED LABOR		1.0000	-		.00		
04/20/86		E	HERBICIDE	CITRUS4	1.0000	С	v	.00		
04/20/86 05/05/86		- M	SPRAYING DISCING-OFFSET	ORCHARD	1.0000			.00 .00		
05/14/86		M	DITCHING	13 11	.0100			.00		
05/15/86		ö		CITRUS	6.0000			.00		
05/15/86		Ĥ	IRRIGATION HIRED LABOR		1.0000			.00		
06/20/86		М	PICKUP TRUCK	3/4 TON	20.0000			.00		
07/05/86		м	DISCING-OFFSET	13 FT	1.0000			.00		
07/10/86		E	INSECTICIDE	CITRUS	1.0000		v	.00		
07/10/86		G	INSECTICIDE APPL		1.0000	С	Y	.00		
07/15/86		0	IRRIGATION	CITRUS	6.0000			.00		
07/15/86 07/20/86		п Е	HIRED LABOR Herbicide	CITRUS4	1.0000	С	v	.00 .00		
07/20/86		E M	SPRAYING	ORCHARD	1.0000	L	•	.00		
09/05/86		M	DISCING-OFFSET	13 FT	1.0000			.00		
09/10/86		M	DISCING	BORDER	1.0000			.00		
09/14/86		м	DITCHING		.0100			.00		
09/15/86		0	IRRIGATION	CITRUS	6.0000			.00		
09/15/86		H	HIRED LABOR		1.0000			.00		
09/25/86		M	HOEING	TREES	1.0000	~		.00		
10/10/86		E C	INSECTICIDE INSECTICIDE APPL	CITRUS	1.0000	C C	v v	.00		
10/10/86 10/20/86		E	HERBICIDE	CITRUS4	1.0000	č	v	.00		
10/20/86		M	SPRAYING	CRCHARD	1.0000	C	•	.00		
11/05/86		й	DISCING-OFFSET	13 FT	1.0000			.00		
11/10/86		M	DISCING	BORDER	1.0000			.00		
11/12/86		Ε	TREE REPLACEMENT		1.0000	С	V	.00		
11/14/86		м	DITCHING		.0100			.00		
11/15/86		0	IRRIGATION	CITRUS	6.0000			.00		
11/25/86		M	HOEING	TREES	1.0000		F	.00		
12/31/86		ĸ	CASH-RENT	CITRUS ESTABL.	1.0000		F	.00 .00		
12/31/86 12/31/86		L	CITRUS CITRUS	2ND YEAR	1.0000 1.0000		F	.00		
12/31/86		Ľ	ORANGES	3RD YEAR	1.0000		F	.00		
12/31/86		ĩ	ORANGES	4TH YEAR	1.0000		F	.00		
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C12.62

ORANGES, PURCHASED MATURE GROVE, IRRIGATED South Texas Distrcit (12) 1986 Projected Costs and Returns per Acre

ROSS INCOME Description ORANGES otal GROSS Income	Quantity ======== 11.000	Unit	\$ / Unit	Total	Estimate
ORANGES					22222222
		ton	1.0000	11.00	
otal GROSS Income			1.0000		
				11.00	
ARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
NITROGEN (DRY)	58.000	1Ь.	. 250	14.50	
NITROGEN (DRY)	58.000	1b.	. 250	14.50	
IRRIGATION		AcIn		8.00	
INSECTICIDE	1.000	appl	49.500	49.50	
INSECTICIDE APPL	1.000	appl	26.000	26.00	
INSECTICIDE	2.000	appl	27.250	54.50	
HERBICIDE	1.000	acre	46.660	46.66	·
IRRIGATION	4 000	AcIn	10 500	8.00	
	1.000	appl	49.500	49.50	
INSECTICIDE APPL	1.000	appl	26.000	26.00	
IRRIGATION HERBICIDE	4 000	AcIn	46 660	8.00	
IRRIGATION	1.000	acre	46.660	46.66	
INSECTICIDE	1.000	AcIn	40 500	8.00	
INSECTICIDE APPL	1.000	appl appl	49.500	49.50	
INSECTICIDE	2.000		26.000 27.250	26.00 54.50	
HERBICIDE	1.000	app1 acre	46.660	46.66	
TREE REPLACEMENT	1.000	tree	5.000	5.00	
IRRIGATION	1.000	AcIn	5.000	8.00	
Labor - Irrigation	7.500	Hour	4.500	33.75	<u> </u>
Interest - OC Borrowed	287.295	Dol.	0.120	34.48	
	207.233	001.	0.120	34.40	·
otal VARIABLE COST				617.71	
Break-Even Price, Total Variable	Cost \$ 56	.15 pe	r ton of ORAN	GES	
ROSS INCOME minus VARIABLE COST				-606.71	
IXED COST Description		Unit		Total	
RETURN ON INVEST		\$		210.00	
Land		Acre		105.00	
otal FIXED Cost				315.00	
Break-Even Price, Total Cost \$	84.79 per to	n of O	RANGES		
otal of ALL Cost				932.71	
ET PROJECTED RETURNS				-921.71	

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DATE 12/20/86	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT N	AME	NUMBER OF UNITS 11.0000	H	EIGHT PER EAD .000	NON- CASH	LANDLORD SHARE	BREAK EVEN PROD. Y
DATE	STAGE OF PRODUCTION	TYPE OF INPUT		4E	NUMBER OF UNITS	CASH NON- CASH	OR VARI.	LANDLORD SHARE		
01/15/86		Ε	NITROGEN (DRY)		58.0000	С	v	.00		
02/15/86		E	NITROGEN (DRY)		58.0000	Ċ	v	.00		
03/15/86		0	IRRIGATION	CITRUS	6.0000			.00		
04/10/86		E	INSECTICIDE	CITRUS	1.0000	С	V	.00		
04/10/86		G	INSECTICIDE APPL	CITRUS	1.0000	С	V	.00		
04/10/86		E	INSECTICIDE	ORANGES	2.0000	С	Y	.00		
04/20/86		E	HERBICIDE	CITRUS4	1.0000	С	Y	.00		
05/15/86		0	IRRIGATION	CITRUS	6.0000			.00		
07/10/86		Ε	INSECTICIDE	CITRUS	1.0000	С	۷	.00		
07/10/86		G	INSECTICIDE APPL	CITRUS	1.0000	С	۷	.00		
07/15/86		0	IRRIGATION	CITRUS	6.0000			.00		
07/20/86		Ε	HERBICIDE	CITRUS4	1.0000	С	V	.00		
09/15/86		0	IRRIGATION	CITRUS	6.0000			.00		
10/10/86		E	INSECTICIDE	CITRUS	1.0000	С	۷	.00		
10/10/86		G	INSECTICIDE APPL	CITRUS	1.0000	С	۷	.00		
10/10/86		E	INSECTICIDE	ORANGES	2.0000	С	v	.00		
10/20/86		E	HERBICIDE	CITRUS4	1.0000	С	V	.00		
11/10/86		E	TREE REPLACEMENT		1.0000	С	V	.00		
11/15/86		Ō	IRRIGATION	CITRUS	6.0000			.00		
12/31/86		ĸ	CASH-RENT	CITRUS	1.0000		F	.00		
12/31/86		E	RETURN ON INVEST		3500.0000		F	.00		

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PLANT CANE South Texas District (12) 1986 Projected Costs and Returns per Acre

1986 Projected Costs and Returns per Acre											
GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate						
-WARNING- No gross receipts VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total							
HERBICIDE NITROGEN (DRY) Irrigation Insecticide	1.000 80.000 1.000	app1 1b. AcIn app1	35.000 .250 25.000	35.00 20.00 8.00 25.00							
PESTICIDE APPL. IRRIGATION IRRIGATION IRRIGATION IRRIGATION	1.000	acre AcIn AcIn AcIn	3.500	3.50 8.00 8.00 8.00							
SCOUTING IRRIGATION IRRIGATION IRRIGATION IRRIGATION	1.000	acre AcIn AcIn AcIn AcIn	1.500	1.50 8.00 8.00 8.00 8.00							
NITROGEN (DRY) PHOSPHATE HERBICIDE PLANT CANE IRRIGATION	40.000 200.000 1.000 3.000	lb. lb. appl ton	.250 .250 35.000 40.000	10.00 50.00 35.00 120.00							
INSECTICIDE PESTICIDE APPL. Fuel & Lube - Machinery Repairs - Machinery	1.000 1.000	AcIn app1 acre Acre Acre	25.000 3.500	8.00 25.00 3.50 19.85 5.58							
Labor - Machinery - Other - Irrigation Interest - OC Borrowed	5.890 16.000 13.500 342.439	Hour Hour Hour Dol.	5.001 4.500 4.500 0.120	29.46 72.00 60.75 41.09							
Total VARIABLE COST				629.23							
GROSS INCOME minus VARIABLE COST				-629.23							
FIXED COST Description Machinery Land		Unit SSSS Acre Acre		Total 84.83 90.00							
Total FIXED Cost				174.83							
Total of ALL Cost				804.06							
NET PROJECTED RETURNS				-804.06							

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

DATE	STAGE OF PRODUCTION	TYPE OF PRCD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON CASH	LANDLORD SHARE	BREAK EVEN PROD.	
					0000000000000000	88888		80800	

-WARNING- NO VALID RECEIPTS RECORDS

DATE	STAGE OF PRODUCTION	TYPE OF INPUT		NAME	NUMBER OF UNITS	CASH NON- CASH	OR VARI.	LANDLORD SHARE
02/15/85		м	CULTIVATING	6 ROW	1.0000			.00
03/10/85		E	HERBICIDE	SUGARCAN	1.0000	С	V	.00
03/10/85		M	SPRAYING		1.0000	-	-	.00
03/15/85		Ë	NITROGEN (DRY)		80.0000	С	v	.00
03/15/85		Ň	CULTIVATING	6 ROW	1.0000			.00
03/19/85		M	DITCHING		.5000			.00
03/20/85		ö	IRRIGATION		6.0000			.00
04/10/85		Ê	INSECTICIDE	SUGARCAN	1.0000	С	V	.00
04/10/85		G	PESTICIDE APPL		1.0000	С	۷	.00
04/14/85		M	DITCHING		.5000			.00
04/15/85		0	IRRIGATION		6.0000			.00
05/09/85		М	DITCHING		.5000			.00
05/10/85		0	IRRIGATION		6.0000			.00
06/04/85		H	DITCHING		.5000			.00
06/05/85		0	IRRIGATION		6.0000			.00
06/15/85		G	SCOUTING		1.0000	С	٧	.00
06/19/85		н	DITCHING		.5000			.00
06/20/85		0	IRRIGATION		6.0000			.00
06/30/85		М	PICKUP TRUCK	3/4 TON	20.0000			.00
07/04/85		н	DITCHING		.5000			.00
07/05/85		0	IRRIGATION		6.0000			.00
07/19/85		М	DITCHING		.5000			.00
07/20/85		0	IRRIGATION		6.0000			.00
08/01/85		М	DISCING-OFFSET	13 FT	1.0000			.00
08/03/85		M	FLOATING		1.0000			.00
08/05/85		M	CHISELING	15 FT	1.0000			.00
08/08/85		M	DISCING-OFFSET	13 FT	1.0000			.00
08/10/85		M	CHISELING	15 FT	1.0000			.00
08/12/85		м	DISCING-OFFSET	13 FT	1.0000			.00
08/13/85		M	BEDDING	6 ROW	1.0000			.00
08/14/85		M	DITCHING		.5000			.00
08/15/85		0	IRRIGATION		6.0000			.00
08/20/85		E	NITROGEN (DRY)		40.0000	c	v.	.00
08/20/85		E	PHOSPHATE		200.0000	С	v	.00
08/20/85		M	APPLY FERTILIZ		1.0000			.00
09/05/85		M	CULTIVATING	ROLLING	1.0000			.00
09/09/85		M	DITCHING	CUCL0041	.5000	~	v	.00
09/10/85		E	HERBICIDE	SUGARCAN	1.0000	С	v	.00
09/10/85		M	SPRAYING		1.0000	С	v	.00
09/15/85		E	PLANT CANE		3.0000	L	۷	.00
09/15/85		H	HIRED LABOR		16.0000 6.0000			.00
09/15/85		0 E	IRRIGATION INSECTICIDE	SUGARCAN	1.0000	с	v	.00
09/20/85		E G			1.0000	C	v	.00
09/20/85		G M	PESTICIDE APPL HAULING	COTTON	3.0000	L.	v	.00
09/20/85 01/31/86		ĸ	CASH-RENT	CANE	1.0000		F	.00
01/31/00		n	GAGH-RENT	CARE	1.0000		•	

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C12.66

RATCON CANE, IRRIGATED South Texas District 1986 Projected Costs and Returns per Acre

1986 Projected	CUSTS AND RET	urns p	er acre		Your
GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Estimate
SUGAR CANE	38.000	ton	20.0000	760.00	
Total GROSS Income				760.00	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
		8885		*********	
PREHARVEST	4 000	1	25 000	05.00	
HERBICIDE NITROGEN (DRY)	1.000 75.000	app1 1b.	35.000	35.00 18.75	
IRRIGATION	75.000	AcIn	.250	8.00	
INSECTICIDE	1.000	appl	25.000	25.00	
PESTICIDE APPL.	1.000	acre	3,500	3.50	
IRRIGATION		AcIn		8.00	
IRRIGATION		AcIn		8.00	
IRRIGATION		AcIn		8.00	······
INSECTICIDE	1.000	appl	25.000	25.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
IRRIGATION		AcIn		8.00	
SCOUTING	1.000	acre	1.500	1.50	
IRRIGATION		Acin		8.00	
IRRIGATION NITROGEN (DRY)	75.000	AcIn 1b.	. 250	8.00	
IRRIGATION	75.000	AcIn	.250	18.75 8.00	
INSECTICIDE	1.000	appl	25.000	25.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	 ,
Fuel & Lube - Machinery		Acre		17.73	
Repairs - Machinery		Acre		4.51	
Labor - Machinery	6.368	Hour	5.001	31.85	
- Irrigation	12.000	Hour	4.500	54.00	
Total PREHARVEST				331.60	
HARVEST					
BURN & HARVEST	38.000	ton	5.880	223.44	
Total HARVEST				223.44	
Interest - OC Borrowed	253.088	Dol.	0.120	30.37	
Interest - Positive Cash	-2.958	Dol.	0.052	-0.16	
Total VARIABLE COST				585.25	
		. 40			
Break-Even Price, Total Variable		0.40 pe	er ton of SUGA	IR CANE	
GROSS INCOME minus VARIABLE COST				174.75	
FIXED COST Description		Unit		Total	
Machinery		Acre		70.21	
Land		Acre		90.00	
Total FIXED Cost				160.21	
Break-Even Price, Total Cost \$	19.61 per to	on of S	UGAR CANE		
Total of ALL Cost				745.46	
					<u> </u>
NET PROJECTED RETURNS				14.54	

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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT N/		NUMBER OF UNITS	H	EIGHT PER EAD	NON- CASH	LANDLORD SHARE	EVEN PROD.
01/20/86		A	SUGAR CANE		38.0000		.0000		.00	Y
DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAI		NUMBER OF Units	NON- CASH	FIXED L OR VARI.	SHARE		
01/22/85 01/25/85 01/30/85 02/10/85 02/10/85 02/15/85	PREHARVEST PREHARVEST PREHARVEST PREHARVEST PREHARVEST PREHARVEST PREHARVEST	M M M E M M	CHISELING CULTIVATING CHISELING SPRAYING HERBICIDE CULTIVATING CULTIVATING	15 FT 6 ROW 15 FT SUGARCAN 6 ROW 6 ROW	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	C	V	00. 00. 00. 00. 00. 00.))))	
03/15/85 03/15/85 03/19/85 03/20/85 04/10/85	PREHARVEST PREHARVEST PREHARVEST PREHARVEST PREHARVEST	M E M O E	APPLY FERTILIZER NITROGEN (DRY) DITCHING IRRIGATION INSECTICIDE		1.0000 75.0000 1.0000 6.0000 1.0000	c c	v v	.00. .00. .00. .00.		
04/14/85 04/15/85 05/09/85 05/10/85	PREHARVEST PREHARVEST PREHARVEST PREHARVEST PREHARVEST	G M O M O	PESTICIDE APPL. DITCHING IRRIGATION DITCHING IRRIGATION		1.0000 1.0000 6.0000 1.0000 6.0000	С	v	00. 00. 00. 00.		
06/05/85 06/15/85 06/15/85 06/19/85	PREHARVEST PREHARVEST PREHARVEST PREHARVEST PREHARVEST PREHARVEST	M O E G M O	DITCHING IRRIGATION INSECTICIDE PESTICIDE APPL. DITCHING IRRIGATION	SUGARCAN	1.0000 6.0000 1.0000 1.0000 1.0000 6.0000	C C	v v	00. 00. 00. 00. 00.		
06/30/85 06/30/85 07/04/85 07/05/85 07/19/85	PREHARVEST PREHARVEST PREHARVEST PREHARVEST PREHARVEST	M G M O M O	PICKUP TRUCK SCOUTING DITCHING IRRIGATION DITCHING IRRIGATION	3/4 TON	20.0000 1.0000 1.0000 6.0000 1.0000 6.0000	С	v	00. 00. 00. 00. 00.		
08/10/85 08/10/85 08/14/85 08/15/85	PREHARVEST PREHARVEST PREHARVEST PREHARVEST PREHARVEST PREHARVEST	M E M O E	APPLY FERTILIZER NITROGEN (DRY) DITCHING IRRIGATION INSECTICIDE	SUGARCAN	1.0000 75.0000 1.0000 6.0000 1.0000	c c	v v	.00 00. 00. 00.		
	PREHARVEST	G G K	PESTICIDE APPL. BURN & HARVEST CASH-RENT	CANE	1.0000 38.0000 1.0000	C C	V V F	.00 .00)	

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BERMUDA TYPE GRASSES, ESTABLISHMENT, IRRIGATED South Texas District (12) 1986 Projected Costs and Returns per Acre

1986 Projected	Costs and Ret	urns p	er Acre		Voun
GROSS INCOME Description HAY Total GROSS Income	Quantity 3.000	Unit ==== ton	\$ / Unit ====================================	Total 240.00 240.00	Your Estimate
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
PREHARVEST SPRIGGING HERBICIDE IRRIGATION	1.000 1.000	acre appl AcIn	125.000 3.160	125.00 3.16 8.00	
NITROGEN (DRY) IRRIGATION IRRIGATION	150.000	1b. AcIn AcIn	. 250	37.50 8.00 8.00	
HERBICIDE Fuel & Lube - Machinery	1.000	app1 Acre	3.160	3.16 11.42	
Repairs - Machinery Labor - Machinery - Irrigation	2.931 4.500	Acre Hour Hour	5.001 4.500	3.71 14.66 20.25	
Total PREHARVEST HARVEST				242.86	
MOW, RAKE, BALE Custom Hauling	100.000 100.000	bale bale	.650 .400	65.00 40.00	
Total HARVEST				105.00	
Interest - OC Borrowed Total VARIABLE COST	156.104	Dol.	0.120	18.73 	
Break-Even Price, Total Variable	Cost \$ 122	2.19 pe	r ton of HAY		
GROSS INCOME minus VARIABLE COST				-126.59	
FIXED COST Description		Unit ==== Acre		Total 	
Land Total FIXED Cost		Acre		40.00	
Break-Even Price, Total Cost \$	150.93 per to	on of H	AY	86.22	
Total of ALL Cost	·			452.80	
NET PROJECTED RETURNS				-212.80	

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

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT		NUMBER OF UNITS	H	EIGHT PER EAD	NON- CASH	LANDLORD SHARE	BREAK EVEN PROD.
11/20/86	HARVEST	A	HAY		3.0000		.000) C	.00	Y
DATE	STAGE	TYPE	INPUT N/	AME	NUMBER	CASH		ANDLORD		
	OF	OF			OF	NON-	OR	SHARE		
	PRODUCTION	INPUT			UNITS	CASH	VARI.			
01/10/06		 M	DISCING-OFFSET	13 FT	1.0000			.00		
	PREHARVEST PREHARVEST	M	FLOATING	13 FI	1.0000			.00		
	PREHARVEST	G	SPRIGGING	CUSTOM	1.0000	с	v	.00		
	PREHARVEST	й	SPRAYING	0001011	1.0000	v	•	.00		
	PREHARVEST	Ë	HERBICIDE	BERMUDA	1.0000	С	v	.00		
03/20/86	PREHARVEST	Ā	DITCHING		.0100	-		.00		
03/25/86	PREHARVEST	0	IRRIGATION		6.0000			.00		
05/10/86	PREHARVEST	М	APPLY FERTILIZER	R	1.0000			.00		
05/10/86	PREHARVEST	E	NITROGEN (DRY)		150.0000	С	V	.00		
05/12/86	PREHARVEST	М	DITCHING		.0100			.00		
	PREHARVEST	0	IRRIGATION		6.0000			.00		
	PREHARVEST	М	PICKUP TRUCK	3/4 TON	20.0000			.00		
	PREHARVEST	M	PLOWING	4 BOTTOM	1.0000			.00		
	PREHARVEST	H	DISCING-OFFSET	13 FT	1.0000			.00		
	PREHARVEST	M	DISCING-OFFSET	13 FT	1.0000			.00		
	PREHARVEST	M	DISCING-OFFSET	13 FT	1.0000			.00		
	PREHARVEST PREHARVEST	M	DITCHING IRRIGATION		.0100 .0100			.00		
	PREHARVEST	0 M	SPRAYING		1.0000			.00		
	PREHARVEST	E	HERBICIDE	BERMUDA	1.0000	с	v	.00		
11/20/86		G	MOW. RAKE. BALE	DERMODA	100.0000	č	v	.00		
11/20/86		G	CUSTOM HAULING	HAY	100.0000	č	v	.00		
11/30/86		ĸ	CASH-RENT	BERMUDA	1.0000	•	Ē	.00		
							-			

BERMUDA GRASS HAY, IRRIGATED South Texas District (12) 1986 Projected Costs and Returns per Acre

GROSS INCOME Description Quantity Unit \$ / Unit Total Estimate	1986 Projected	Costs and Ret	urns p	er Acre		Your
PREHARVEST IRRIGATION AcIn 8.00 NITROGEN (DRY) 200.000 b. .250 50.000 IRRIGATION AcIn 8.00 Fuel & Lube - Machinery Acre 1.54 Labor - Machinery 0.667 Hour 5.000 Labor - Irrigation 6.000 Hour 4.500 MOW, RAKE, BALE 400.000 bale Total PREHARVEST 114.17	НАУ				960.00	
PREHARVEST IRRIGATION AcIn 8.00 NITROGEN (DRY) 200.000 b. .250 50.000 IRRIGATION AcIn 8.00 Fuel & Lube - Machinery Acre 1.54 Labor - Machinery 0.667 Hour 5.000 Labor - Irrigation 6.000 Hour 4.500 MOW, RAKE, BALE 400.000 bale Total PREHARVEST 114.17	VADIABLE COST Deservition	Ouentitu	11	e / 11=i=	Tetel	
IRRIGATIONACINS.00NITROGEN (DRY)200.000 lb250 50.00IRRIGATIONACIN8.00IRRIGATIONACIN8.00IRRIGATIONACIN8.00IRRIGATIONACIN8.00Fuel & Lube - MachineryAcre0.30Labor- Machinery0.667 Hour5.000- Irrigation6.000 Hour4.50027.00Total PREHARVEST114.17						
NITROGEN (DRY) 200.000 16. .250 50.00 IRRIGATION AcIn 8.00 8.00 IRRIGATION Acre 1.54 Repairs - Machinery 0.667 Hour 5.000 3.33 - Irrigation 6.000 Hour 4.500 27.00	PREHARVEST					
IRRIGATIONACINS.00IRRIGATIONACIN8.00IRRIGATIONACIN8.00Fuel & Lube - MachineryAcre1.54Repairs - MachineryAcre0.30Labor - Machinery0.667Hour 5.000Total PREHARVEST114.17MAW, RAKE, BALE400.000baleCUSTOM HAULING400.000baleTotal HARVEST400.000Interest - OC Borrowed53.673Dol.Otal VARIABLE COST						
IRRIGATION Acin 8.00 IRRIGATION Acin 8.00 Fuel & Lube - Machinery Acre 0.30 Fuel & Lube - Machinery Acre 0.30 Labor - Machinery 0.667 - Irrigation 6.000 Hour 5.000 - Irrigation 6.000 Hour 4.500 - Total PREHARVEST 114.17 - HARVEST 114.17 - MOW, RAKE, BALE 400.000 bale .650 260.00 CUSTOM HAULING 400.000 bale .400 160.00 - Total HARVEST 420.00 - - - - Interest - OC Borrowed 53.673 Dol. 0.120 6.44 Interest - Positive Cash -11.779 Dol. 0.052 -0.62 Total VARIABLE COST 540.00 - - - - Break-Even Price, Total Variable Cost \$ 45.00 per ton of HAY - - - - GROSS INCOME minus VARIABLE COST 420.00 - - - - <td></td> <td>200.000</td> <td></td> <td>. 250</td> <td></td> <td></td>		200.000		. 250		
IRRIGATION Acre 5.00 Fuel & Lube - Machinery Acre 1.54 Repairs - Machinery Acre 0.30 Labor - Machinery 0.667 Hour 5.000 3.33 - Irrigation 6.000 Hour 5.000 3.33 Total PREHARVEST 114.17 114.17 HARVEST 114.17 114.17 MOW, RAKE, BALE 400.000 bale .650 260.00 CUSTOM HAULING 400.000 bale .650 260.00 Total HARVEST 400.000 bale .650 260.00 Interest - OC Borrowed 53.673 Dol. 0.120 6.44 Interest - Positive Cash -11.779 Dol. 0.052 -0.62 Total VARIABLE COST 540.00 540.00 540.00 540.00 Break-Even Price, Total Variable Cost \$ 45.00 per ton of HAY 540.00						
Fuel & Lube - Machinery Repairs - Machinery Labor - Machinery - IrrigationAcre Acre Acre 0.30 						
Repairs - Machinery Acre 0.30 Labor - Inrigation 6.000 Hour 5.000 3.33 Total PREHARVEST 114.17 114.17 MARVEST 114.17 114.17 MOW, RAKE, BALE 400.000 bale .650 260.00 CUSTOM HAULING 400.000 bale .400 160.00 Total HARVEST 400.000 bale .400 160.00 Interest - DC Borrowed 53.673 Dol. 0.120 6.44 Interest - Positive Cash -11.779 Dol. 0.052 -0.62 Total VARIABLE COST 540.00 540.00 Break-Even Price, Total Variable Cost \$ 45.00 per ton of HAY GROSS INCOME minus VARIABLE COST 420.00 FIXED COST Description Unit Total Machinery Acre 3.95 HACH Acre						
Labor - Machinerý 0.667 Hour 5.000 3.33 - Irrigation 6.000 Hour 4.500 27.00 Total PREHARVEST 114.17 114.17 HARVEST 114.17 MOW, RAKE, BALE 400.000 bale .650 260.00 CUSTOM HAULING 400.000 bale .400 160.00 Total HARVEST 420.000 114.17 420.00 Interest - OC Borrowed 53.673 Dol. 0.120 6.44 Interest - Positive Cash -11.779 Dol. 0.052 -0.62 Total VARIABLE COST 540.00 -0.62						
Total PREHARVEST 114.17 MARVEST 400.000 bale 650 260.00 CUSTOM HAULING 400.000 bale .400 160.00 Total HARVEST 420.00 160.00 160.00 Interest 0C Borrowed 53.673 Dol. 0.120 6.44 Interest - Positive Cash -11.779 Dol. 0.052 -0.62 Total VARIABLE COST 540.00 540.00 100 Break-Even Price, Total Variable Cost \$ 45.00 per ton of HAY 420.00 100 GROSS INCOME minus VARIABLE COST 420.00 420.00 100 FIXED COST Description Unit Total Total 420.00 100 Machinery Acre 3.95 11.56 11.56 11.56 11.56 Machinery Acre 40.00 100 11.56 11.56 11.56 11.56 11.56 Total FIXED Cost 85.51 85.51 85.51 11.56 11.56 11.56 11.56 11.56 11.56 11.56 11.56 11.56 11.56 11.56 11.56 11.56 11.56 11.56 </td <td></td> <td>0.667</td> <td></td> <td>5.000</td> <td></td> <td>······································</td>		0.667		5.000		······································
HARVEST MOW, RAKE, BALE CUSTOM HAULING400.000 bale.650 .650260.00 .600Total HARVEST400.000 bale.400Interest- 0C Borrowed Interest53.673 Dol. -11.779 Dol.0.120 0.0526.44 -0.62Total VARIABLE COST-0.62 -0.62-0.62 -0.62Break-Even Price, Total Variable Cost\$ 45.00 per ton of HAYGROSS INCOME minus VARIABLE COST420.00 	- Irrigation	6.000	Hour	4.500	27.00	
HARVEST MOW, RAKE, BALE CUSTOM HAULING400.000 bale.650 .650260.00 .600Total HARVEST400.000 bale.400Interest- 0C Borrowed Interest53.673 Dol. -11.779 Dol.0.120 0.0526.44 -0.62Total VARIABLE COST-0.62 -0.62-0.62 -0.62Break-Even Price, Total Variable Cost\$ 45.00 per ton of HAYGROSS INCOME minus VARIABLE COST420.00 						
MOW, RAKE, BALE CUSTOM HAULING400.000 bale.650 400.000 bale260.00Total HARVEST420.00					114.17	
CUSTOM HAULING 400.000 bale .400 160.00 Total HARVEST 420.00		400,000	b olo	650	260.00	
Total HARVEST420.00Interest- OC Borrowed53.673 Dol.0.1206.44Interest- Positive Cash-11.779 Dol.0.052-0.62Total VARIABLE COST-0.62-0.62-0.62Break-Even Price, Total Variable Cost \$ 45.00 per ton of HAY540.00-0.62GROSS INCOME minus VARIABLE COST420.00-0.62FIXED COST DescriptionUnitTotalMachineryAcre3.95LandAcre40.00Perennial CropAcre41.56Total FIXED Cost52.12 per ton of HAYTotal of ALL Cost625.51						
Interest - OC Borrowed 53.673 Dol. 0.120 6.44 Interest - Positive Cash -11.779 Dol. 0.052 -0.62 Total VARIABLE COST 540.00		400.000	Dare	. 400		
Interest - Positive Cash -11.779 Dol. 0.052 -0.62 Total VARIABLE COST 540.00	Total HARVEST				420.00	
Interest - Positive Cash -11.779 Dol. 0.052 -0.62 Total VARIABLE COST 540.00	Interest - OC Borrowed	53,673	Dol.	0, 120	6 44	
Total VARIABLE COST 540.00 Break-Even Price, Total Variable Cost \$ 45.00 per ton of HAY GROSS INCOME minus VARIABLE COST 420.00 FIXED COST Description Unit Machinery Acre Land Acre Perennial Crop Acre Total FIXED Cost 52.12 per ton of HAY						
Break-Even Price, Total Variable Cost \$ 45.00 per ton of HAY GROSS INCOME minus VARIABLE COST 420.00 FIXED COST Description Unit Machinery Acre Land Acre Perennial Crop Acre Total FIXED Cost 85.51 Break-Even Price, Total Cost \$ 52.12 per ton of HAY						
GROSS INCOME minus VARIABLE COST 420.00 FIXED COST Description Unit Machinery Acre Land Acre Perennial Crop Acre Total FIXED Cost 85.51 Break-Even Price, Total Cost \$ 52.12 per ton of HAY 625.51	Total VARIABLE COST				540.00	
FIXED COST Description Unit Total Machinery Acre 3.95 Land Acre 40.00 Perennial Crop Acre 41.56 Total FIXED Cost 85.51 85.51 Break-Even Price, Total Cost \$ 52.12 per ton of HAY 625.51	Break-Even Price, Total Variable	Cost \$ 45	5.00 pe	r ton of HAY		
Machinery Acre 3.95 Land Acre 40.00 Perennial Crop Acre 41.56 Total FIXED Cost 85.51	GROSS INCOME minus VARIABLE COST				420.00	
Machinery Acre 3.95 Land Acre 40.00 Perennial Crop Acre 41.56 Total FIXED Cost 85.51	FIXED COST Description		lini+		Total	
Land Acre 40.00 Perennial Crop Acre 41.56 Total FIXED Cost 85.51 Break-Even Price, Total Cost \$ 52.12 per ton of HAY Total of ALL Cost 625.51						
Perennial Crop Acre 41.56 Total FIXED Cost 85.51 Break-Even Price, Total Cost \$ 52.12 per ton of HAY Total of ALL Cost 625.51	Machinery		Acre		3.95	
Total FIXED Cost 85.51 Break-Even Price, Total Cost \$ 52.12 per ton of HAY Total of ALL Cost 625.51			Acre			
Total FIXED Cost 85.51 Break-Even Price, Total Cost \$ 52.12 per ton of HAY 625.51 Total of ALL Cost 625.51	Perennial Crop		Acre			
Break-Even Price, Total Cost \$ 52.12 per ton of HAY Total of ALL Cost 625.51						
Total of ALL Cost 625.51					85.51	
	Break-Even Price, Total Cost \$	52.12 per to	on of H	ΙΑΥ		
NET PROJECTED RETURNS 334.49	Total of ALL Cost				625.51	
	NET PROJECTED RETURNS				334.49	

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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER Of Units	H	EIGHT PER EAD	NON- CASH	LANDLORD SHARE	EVEN PROD.
11/20/86	HARVEST	A	НАУ	12.0000	80888	.000		.00	Y
DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME	NUMBER OF UNITS	CASH NON- CASH	OR VARI.	LANDLORD SHARE		
05/15/86 06/15/86 06/30/86 07/15/86	PREHARVEST PREHARVEST PREHARVEST PREHARVEST PREHARVEST HARVEST	0 E 0 M 0 G G K	IRRIGATION NITROGEN (DRY) IRRIGATION PICKUP TRUCK 3/4 TON IRRIGATION IRRIGATION MOW, RAKE, BALE CUSTOM HAULING HAY CASH-RENT BERMUDA BERMUDA	6.0000 200.0000 6.0000 20.0000 6.0000 400.0000 400.0000 1.0000 1.0000		V V V F	00. 00. 00. 00. 00. 00. 00. 00.		

BERMUDA PASTURE, IRRIGATED South Texas District (12) 1986 Projected Costs and Returns per Acre

1986 Projected	Costs and Ret	urns p	er Acre		Your
GROSS INCOME Description PASTURE	Quantity ======= 2.500	Unit Some AUM	\$ / Unit 12.0000	Total 30.00	Estimate
Total GROSS Income				30.00	
VARIABLE COST Description	Quantity	Unit ====	\$ / Unit	Total	
IRRIGATION NITROGEN (DRY) IRRIGATION IRRIGATION Fuel & Lube - Machinery Repairs - Machinery Labor - Machinery - Irrigation Interest - OC Borrowed	150.000 1.736 6.000 68.002		.250 5.001 4.500 0.120	8.00 37.50 8.00 8.00 5.31 1.15 8.68 27.00 8.16	
Total VARIABLE COST				119.80	<u> </u>
Break-Even Price, Total Variable	Cost \$ 47	.92 pe	r AUM of PAST	URE	
GROSS INCOME minus VARIABLE COST				-89.80	
FIXED COST Description Machinery Land Perennial Crop		Unit Acre Acre Acre		Total 21.93 40.00 41.56	
Total FIXED Cost				103.49	
Break-Even Price, Total Cost \$	89.31 per AU	IM of P	ASTURE		
Total of ALL Cost				223.30	
NET PROJECTED RETURNS				-193.30	

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DATE 12/20/86	STAGE OF PRODUCTION	TYPE OF PRCD.	PRODUCT	NAME	NUMBER OF UNITS 2.5000	H	EIGHT PER EAD .000	NON- Cash	LANDLORD SHARE	BREAK EVEN PROD. Y
DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT	NAME	NUMBER OF UNITS	CASH NON- CASH	OR VARI.	LANDLORD SHARE		
03/15/86		0	IRRIGATION		6.0000	60000		.00		
05/10/86		Ē	NITROGEN (DRY)	I	150.0000	С	٧	.00		
05/15/86		0	IRRIGATION		6.0000			.00		
05/20/86		M	HARROWING	FLEX	1.0000			.00		
06/30/86		М	PICKUP TRUCK	3/4 TON	20.0000			.00		
07/10/86		М	SHREDDING	4 ROW	1.0000			.00		
07/15/86		0	IRRIGATION		6.0000			.00		
07/20/86		M	HARROWING	FLEX	1.0000			.00		
09/10/86		М	SHREDDING	4 ROH	1.0000			.00		
09/15/86		0	IRRIGATION		6.0000			.00		
12/31/86		ĸ	CASH-RENT	BERMUDA	1.0000		F	.00	1	
12/31/86		L	BERMUDA		1.0000		F	.00	1	

BUFFLE GRASS ESTABLISHMENT, DRYLAND South Texas District (12) 1986 Projected Costs and Returns per Acre

1986 Projected	Costs and Ret	urns p	er Acre		Your
GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Estimate
		2223			
-WARNING- No gross receipts VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
		0000			
BRUSH CLEARING	1.000	acre	130.000	130.00	
SEED	4.000	1b.	7.000	28.00	
CUSTOM PLANTING	1.000	acre	5.000	5.00	
Fuel & Lube - Machinery		Acre		3.85	
Repairs - Machinery		Acre		0.84	
Labor - Machinery	1.081	Hour	5.000	5.41	
Interest - OC Borrowed	13.357	Do1.	0.120	1.60	
Total VARIABLE COST				174.70	
TOTAL VARIABLE COST				174.70	
GROSS INCOME minus VARIABLE COST				- 174 . 70	
FIXED COST Description		Unit		Total	
Machinery		Acre		12.84	
Land		Acre		5.00	
Tatal FIVED Cast					
Total FIXED Cost				17.84	
Total of ALL Cost				192.54	
NET PROJECTED RETURNS				-192.54	

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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.	
	0808000000000080	80080				88888	********	88880	

-WARNING- NO VALID RECEIPTS RECORDS

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT N	AME	NUMBER OF UNITS	CASH NON- CASH	FIXED OR VARI.	LANDLORD SHARE
88888888			892888888888888888888888888888888888888		000000000000000000000000000000000000000	89888		
04/30/86		M	PICKUP TRUCK	3/4 TON	20.0000			.00
09/05/86		G	BRUSH CLEARING		1.0000	C	۷	.00
09/10/86		M	CULTIVATING	6 RCW	1.0000			.00
09/15/86		M	CULTIVATING	6 RCW	1.0000			.00
09/20/86		Ε	SEED	BUFFLE	4.0000	С	V	.00
09/20/86		G	CUSTOM PLANTING	;	1.0000	С	V	.00
09/30/86		κ	CASH-RENT	BUFFLEGR	1.0000		F	.00

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BUFFLEGRASS, DRYLAND South Texas District (12) 1986 Projected Costs and Returns per Acre

1986 Projected	Costs and Ret	urns p	er Acre		Your
GROSS INCOME Description PASTURE	2.500 AUM 12.0000 30		Total 30.00	Estimate	
Total GROSS Income				30.00	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
Fuel & Lube - Machinery Repairs - Machinery Labor - Machinery - Other Interest - OC Borrowed Interest - Positive Cash Total VARIABLE COST	0.333 0.500 1.499 -0.674	Dol. Dol.	5.000 4.500 0.120 0.052	0.77 0.15 1.67 2.25 0.18 -0.04 4.98	
Break-Even Price, Total Variable	Cost \$ 1	.99 pe	r AUM of PAST	URE	
GROSS INCOME minus VARIABLE COST				25.02	
FIXED COST Description Machinery Land Perennial Crop		Unit Acre Acre Acre		Total 1.98 5.00 37.61	
Total FIXED Cost				44.58	
Break-Even Price, Total Cost \$	19.82 per AU	IM of P	ASTURE		
Total of ALL Cost				49.56	
NET PROJECTED RETURNS				-19.56	

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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT	NAME	NUMBER Of Units	1	EIGHT PER EAD	CASH NON- CASH	LANDLORD SHARE	BREAK Even Prod.
	20205565656555555									
09/20/86		A	PASTURE		2.5000		.0000) C	.00	Y
DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT	NAME	NUMBER OF UNITS	CASH NON- CASH	VARI.	ANDLORD SHARE		
05/31/86		M	PICKUP TRUCK	3/4 TON	10.0000		ancer r	.00		
07/15/86				3/4 TON		~	v			
		H	HIRED LABOR		.5000	С	Y	.00		
09/30/86		ĸ	CASH-RENT	BUFFLEGR	1.0000		F	.00)	
09/30/86		L	BUFFLEGRASS		1.0000		F	.00	1	

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KLEINGRASS ESTABLISHMENT, DRYLAND South Texas District (12) 1986 Projected Costs and Returns per Acre

1986 Projected	COSIS and Ret	urns p	er acre		Your
GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Estimate
PASTURE	1.000	AUM	12.0000	12.00	
			12:0000		
Total GROSS Income				12.00	<u> </u>
VARIABLE COST Description	Quantity	Unit		Total	
SEED	30.000	1Ь.	8.250	247.50	
NITROGEN (DRY)	30.000	1b.	. 250	7.50	
PHOSPHATE	30.000	1b.	. 250	7.50	
HERBICIDE	1.000	appl	7.810	7.81	
Fuel & Lube - Machinery		Acre		6.24	
Repairs - Machinery		Acre		1.36	
Labor - Machinery	1.464		5.000	7.32	
Interest - OC Borrowed	246.510	Dol.	0.120	29.58	
Total VARIABLE COST				314.82	<u></u>
Break-Even Price, Total Variable	Cost \$ 314	.81 pe	r AUM of PAST	URE	
GROSS INCOME minus VARIABLE COST				-302.82	<u></u>
FIXED COST Description		Unit		Total	
***************************************				*********	
Machinery		Acre		23.54	
Land		Acre		8.00	
Total FIXED Cost				31.54	
Break-Even Price, Total Cost \$	346.35 per AU	M of P	ASTURE		
Total of ALL Cost				346.36	
NET PROJECTED RETURNS				-334.36	<u></u>

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