

Projections for Planning Purposes Only  
Not to be Used without Updating after March 2, 1998

B-1241 (C03)

**Alfalfa, Irrigated**  
Texas Rolling Plains (3)  
1998 Projected Costs and Returns per Acre

GROSS INCOME Description =====	Quantity =====	Unit =====	\$ / Unit =====	Total =====	Your Estimate =====
HAY                    ALFALFA	6.500	ton	90.0000	585.00	_____
				=====	
Total GROSS Income				585.00	_____
VARIABLE COST Description =====	Quantity =====	Unit =====	\$ / Unit =====	Total =====	
<b>PREHARVEST</b>					
FERTILIZER (P)	50.000	lb.	.260	13.00	_____
FERTILIZER APPL.	1.000	acre	3.500	3.50	_____
FERTILIZER (N)	30.000	lb.	.280	8.40	_____
SULFUR (S)	12.000	lb.	.150	1.80	_____
INSECTICIDE	1.000	acre	7.400	7.40	_____
MISCELLANEOUS	1.000	acre	1.000	1.00	_____
INSECTICIDE APPL	1.000	acre	3.500	3.50	_____
Fuel & Lube - Machinery		Acre		1.32	_____
- Irrigation		Acre		16.59	_____
Repairs - Machinery		Acre		0.30	_____
- Irrigation		Acre		10.00	_____
Labor - Machinery	0.733	Hour	6.000	4.40	_____
- Irrigation	0.440	Hour	6.000	2.64	_____
				=====	
Total PREHARVEST				73.85	_____
<b>FIRST CUTTING</b>					
CUSTOM BALING	2.000	ton	24.000	48.00	_____
Fuel & Lube - Irrigation		Acre		8.30	_____
Repairs - Irrigation		Acre		5.00	_____
Labor - Irrigation	0.220	Hour	6.000	1.32	_____
				=====	
Total FIRST CUTTING				62.62	_____
<b>SECOND CUTTING</b>					
INSECTICIDE	1.000	acre	4.000	4.00	_____
INSECTICIDE APPL	1.000	acre	3.500	3.50	_____
CUSTOM BALING	2.000	ton	24.000	48.00	_____
Fuel & Lube - Irrigation		Acre		8.30	_____
Repairs - Irrigation		Acre		5.00	_____
Labor - Irrigation	0.220	Hour	6.000	1.32	_____
				=====	
Total SECOND CUTTING				70.12	_____
<b>THIRD CUTTING</b>					
CUSTOM BALING	2.500	ton	24.000	60.00	_____
Fuel & Lube - Irrigation		Acre		8.30	_____
Repairs - Irrigation		Acre		5.00	_____
Labor - Irrigation	0.220	Hour	6.000	1.32	_____
				=====	
Total THIRD CUTTING				74.62	_____
Interest - OC Borrowed	20.234	Dol.	0.095	1.92	_____
				=====	
Total VARIABLE COST				283.12	_____
Break-Even Price, Total Variable Cost \$ 43.55 per ton of HAY					
GROSS INCOME minus VARIABLE COST				301.88	_____
FIXED COST Description =====		Unit =====		Total =====	
Machinery and Equipment		Acre		5.44	_____
Irrigation		Acre		96.29	_____
Land		Acre		20.00	_____
Perennial Crop		Acre		37.96	_____
				=====	
Total FIXED Cost				159.68	_____
Break-Even Price, Total Cost \$ 68.12 per ton of HAY					
Total of ALL Cost				442.80	_____
NET PROJECTED RETURNS				142.20	_____

*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.*

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Date	Stage of Production	Type of Prod.	Product Name	Number of Units	Weight per Head	Cash Non-Cash	Landlord Share	Break Even Prod.	
07/09/98	HARVEST	A	HAY	ALFALFA	2.0000	.0000	C	.00	Y
08/19/98	HARVEST	A	HAY	ALFALFA	2.0000	.0000	C	.00	Y
09/29/98	HARVEST	A	HAY	ALFALFA	2.5000	.0000	C	.00	Y

Date	Stage of Production	Type of Input	Input Name	Number of Units	Cash Non-Cash	Fixed or Vari.	Landlord Share	
04/14/98	PREHARVEST	E	FERTILIZER (P)	50.0000	C	V	.00	
04/14/98	PREHARVEST	G	FERTILIZER APPL.	1.0000	C	V	.00	
04/15/98	PREHARVEST	E	FERTILIZER (N)	30.0000	C	V	.00	
04/15/98	PREHARVEST	E	SULFUR (S)	12.0000	C	V	.00	
04/19/98	PREHARVEST	O	IRRIGATION	5.5000			.00	
05/14/98	PREHARVEST	E	INSECTICIDE	ALFALFA	1.0000	C	V	.00
05/14/98	PREHARVEST	E	MISCELLANEOUS	ALFALFA	1.0000	C	V	.00
05/14/98	PREHARVEST	G	INSECTICIDE APPL	1.0000	C	V	.00	
05/19/98	PREHARVEST	O	IRRIGATION	5.5000			.00	
05/29/98	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000		.00	
06/19/98	FIRST CUTTING	O	IRRIGATION	5.5000			.00	
07/09/98	FIRST CUTTING	G	CUSTOM BALING	ALFALFA	2.0000	C	V	.00
07/14/98	SECOND CUTTING	O	IRRIGATION	5.5000			.00	
07/19/98	SECOND CUTTING	E	INSECTICIDE	ALF	1.0000	C	V	.00
07/19/98	SECOND CUTTING	G	INSECTICIDE APPL	1.0000	C	V	.00	
08/19/98	SECOND CUTTING	G	CUSTOM BALING	ALFALFA	2.0000	C	V	.00
08/24/98	THIRD CUTTING	O	IRRIGATION	5.5000			.00	
09/29/98	THIRD CUTTING	G	CUSTOM BALING	ALFALFA	2.5000	C	V	.00
09/29/98		L	ALFALFA	IRRIG.	1.0000		F	.00
09/29/98		K	ALFALFA		1.0000		F	.00