

**Alfalfa, Irrigated**  
**Texas Rolling Plains (3)**  
**2001 Projected Costs and Returns per Acre**

GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total	Your Estimate
HAY ALFALFA	6.500	ton	110.0000	715.00	
<b>Total GROSS Income</b>				<b>715.00</b>	
VARIABLE COST Description	Quantity	Unit	\$ / Unit	Total	
<b>PREHARVEST</b>					
FERTILIZER (P)	50.000	lb.	.340	17.00	
FERTILIZER APPL.	1.000	acre	3.500	3.50	
FERTILIZER (N)	30.000	lb.	.320	9.60	
SULFUR (S)	12.000	lb.	.160	1.92	
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		Acres		1.98	
- Irrigation		Acres		14.99	
Repairs - Machinery		Acres		0.30	
- Irrigation		Acres		10.00	
Labor - Machinery	0.733	Hour	6.000	4.40	
- Irrigation	0.440	Hour	6.557	2.89	
<b>Total PREHARVEST</b>				<b>78.47</b>	
<b>FIRST CUTTING</b>					
CUSTOM BALING	2.000	ton	25.000	50.00	
Fuel & Lube - Irrigation		Acres		7.50	
Repairs - Irrigation		Acres		5.00	
Labor - Irrigation	0.220	Hour	6.557	1.44	
<b>Total FIRST CUTTING</b>				<b>63.94</b>	
<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	25.000	50.00	
Fuel & Lube - Irrigation		Acres		7.50	
Repairs - Irrigation		Acres		5.00	
Labor - Irrigation	0.220	Hour	6.557	1.44	
<b>Total SECOND CUTTING</b>				<b>71.44</b>	
<b>THIRD CUTTING</b>					
CUSTOM BALING	2.500	ton	25.000	62.50	
Fuel & Lube - Irrigation		Acres		7.50	
Repairs - Irrigation		Acres		5.00	
Labor - Irrigation	0.220	Hour	6.557	1.44	
<b>Total THIRD CUTTING</b>				<b>76.44</b>	
Interest - OC Borrowed	19.785	Dol.	0.102	2.03	
Interest - Positive Cash	-22.330	Dol.	0.045	-1.00	
<b>Total VARIABLE COST</b>				<b>291.30</b>	
<b>GROSS INCOME minus VARIABLE COST</b>				<b>423.70</b>	
FIXED COST Description		Unit		Total	
Machinery and Equipment		Acres		5.48	
Irrigation		Acres		96.29	
Land		Acres		50.00	
Perennial Crop		Acres		37.96	
<b>Total FIXED Cost</b>				<b>189.73</b>	
<b>Total of ALL Cost</b>				<b>481.03</b>	
<b>NET PROJECTED RETURNS</b>				<b>233.97</b>	

Date	Stage of Production	Type of Prod.	Product Name	Number of Units	Weight per Head	Cash Non-Cash	Landlord Share	Break Even Prod.
07/09/01	HARVEST	A	HAY ALFALFA	2.0000	.0000	C	.00	Y
08/19/01	HARVEST	A	HAY ALFALFA	2.0000	.0000	C	.00	Y

*Projections for Planning Purposes Only  
Not to be Used without Updating after February 13, 2001*

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09/29/01 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
04/14/01	PREHARVEST	E	FERTILIZER (P)	50.0000	C	V	.00
04/14/01	PREHARVEST	G	FERTILIZER APPL.	1.0000	C	V	.00
04/15/01	PREHARVEST	E	FERTILIZER (N)	30.0000	C	V	.00
04/15/01	PREHARVEST	E	SULFUR (S)	12.0000	C	V	.00
04/19/01	PREHARVEST	O	IRRIGATION	5.5000			.00
05/14/01	PREHARVEST	E	INSECTICIDE            ALFALFA	1.0000	C	V	.00
05/14/01	PREHARVEST	E	MISCELLANEOUS        ALFALFA	1.0000	C	V	.00
05/14/01	PREHARVEST	G	INSECTICIDE APPL	1.0000	C	V	.00
05/19/01	PREHARVEST	O	IRRIGATION	5.5000			.00
05/29/01	PREHARVEST	M	PICKUP TRUCK            3/4 TON	20.0000			.00
06/19/01	FIRST CUTTING	O	IRRIGATION	5.5000			.00
07/09/01	FIRST CUTTING	G	CUSTOM BALING            ALFALFA	2.0000	C	V	.00
07/14/01	SECOND CUTTING	O	IRRIGATION	5.5000			.00
07/19/01	SECOND CUTTING	E	INSECTICIDE            ALF	1.0000	C	V	.00
07/19/01	SECOND CUTTING	G	INSECTICIDE APPL	1.0000	C	V	.00
08/19/01	SECOND CUTTING	G	CUSTOM BALING            ALFALFA	2.0000	C	V	.00
08/24/01	THIRD CUTTING	O	IRRIGATION	5.5000			.00
09/29/01	THIRD CUTTING	G	CUSTOM BALING            ALFALFA	2.5000	C	V	.00
09/29/01		L	ALFALFA                    IRRIG.	1.0000		F	.00
09/29/01		K	ALFALFA                    IRR	1.0000		F	.00