

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2024 Estimated Costs and Returns per Acre**  
**Alfalfa, Full Season, Baled - 7.5 Ton Goal, Flood Irrigated, El Paso Irrigation District**  
**Far West Extension District - 6**

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Alfalfa Hay - 3X4	7.50	Ton	\$270.00	\$2,025.00	\$247,050.00	\$247,050.00
<b>Total Revenue</b>				<b>\$2,025.00</b>	<b>\$247,050.00</b>	<b>\$247,050.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Production Costs</b>						
<b>Herbicide</b>						
Trifluralin	2	Pint	\$2.75	\$5.50	\$671.00	\$671.00
Pursuit	5	Ounce	\$3.35	\$16.73	\$2,040.64	\$2,040.64
Crop Oil Concentrate	5	Pint	\$2.18	\$10.88	\$1,326.75	\$1,326.75
<b>Fertilizer</b>						
Fertilizer 11-52-0	73	Pound	\$0.63	\$45.99	\$5,610.78	\$5,610.78
<b>Custom</b>						
Soil Test	0.5	Each	\$5.00	\$2.50	\$305.00	\$305.00
Custom Apply Fertilizer	1	Acre	\$6.39	\$6.39	\$779.58	\$779.58
<b>Insecticide</b>						
Warrior Z	7.04	Ounce	\$1.25	\$8.80	\$1,073.60	\$1,073.60
Intrepid	2.31	Ounce	\$2.04	\$4.71	\$574.65	\$574.65
<b>Irrigation</b>						
Water Cost	48.00	AcresInch	\$1.75	\$84.00	\$10,248.00	\$10,248.00
<b>Machinery Labor</b>						
Tractors/Self-Propelled	7.82	Hour	\$17.21	\$134.58	\$16,419.03	\$16,419.03
<b>Diesel Fuel</b>						
Tractors/Self-Propelled	37.28	Gallon	\$3.60	\$134.21	\$16,373.38	\$16,373.38
<b>Gasoline</b>						
Pickup/General Use Equipment	1	Acre	\$10.13	\$10.13	\$1,236.06	\$1,236.06
<b>Repairs &amp; Maintenance</b>						
Pickup/General Use Equipment	1	Acre	\$1.61	\$1.61	\$196.20	\$196.20
Tractors/Self-Propelled	1	Acre	\$67.63	\$67.63	\$8,250.45	\$8,250.45
Implements	1	Acre	\$3.04	\$3.04	\$370.37	\$370.37
Interest on Credit Line			8.00%	\$15.31	\$1,867.52	\$1,867.52
<b>Total Variable Costs</b>				<b>\$551.99</b>	<b>\$67,343.00</b>	<b>\$67,343.00</b>
Planned Returns Above Variable Costs:				\$1,473.01	\$179,707.00	\$179,707.00
Breakeven Price to Cover Variable Costs			\$73.60	Ton		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Machinery Depreciation</b>						
Pickup/General Use Equipment	1	Acre	\$6.03	\$6.03	\$735.75	\$735.75
Tractors/Self-Propelled	1	Acre	\$89.84	\$89.84	\$10,960.75	\$10,960.75
Implements	1	Acre	\$7.37	\$7.37	\$899.12	\$899.12
<b>Equipment Investment</b>						
Pickup/General Use Equipment	\$25.13	Dollars	8.00%	\$2.01	\$245.25	\$245.25
Tractors/Self-Propelled	\$668.40	Dollars	8.00%	\$53.47	\$6,523.62	\$6,523.62
Implements	\$53.37	Dollars	8.00%	\$4.27	\$520.85	\$520.85
Allocated Establishment Cost	1	Acre	\$109.50	\$109.50	\$13,359.00	\$13,359.00
Trans Pecos Irrigated Land	1	Acre	\$50.00	\$50.00	\$6,100.00	\$6,100.00
<b>Total Fixed Costs</b>				<b>\$322.49</b>	<b>\$39,344.34</b>	<b>\$39,344.34</b>
<b>Total Specified Costs</b>				<b>\$874.49</b>	<b>\$106,687.34</b>	<b>\$106,687.34</b>
Returns Above Specified Costs				\$1,150.51	\$140,362.66	\$140,362.66
<b>Breakeven Price to Cover Total Costs</b>			<b>\$116.60</b>	Ton		

Example Breakeven Prices			
Example Yield Percent	Example Yield Ton	To Cover Variable Costs	To Cover Total Costs
75%	5.63	\$98.13	\$155.46
90%	6.75	\$81.78	\$129.55
100%	7.50	\$73.60	\$116.60
110%	8.25	\$66.91	\$106.00
125%	9.38	\$58.88	\$93.28

Developed by Extension Economists, Texas A&M AgriLife Extension Service, budgets@tamu.edu.

**Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation. Brand names are mentioned only as examples and imply no endorsement.**