

Utah State University Irrigated Oat Hay Enterprise Budget - 2019

Number of Acres **100**



Area:

GROSS RECEIPTS FROM PRODUCTION						
GROSS RECEIPTS	Tons	Unit	Total	Your	2018 Avg.	2019 Proj.
			Number of Units	Price/Unit	Price/Unit	Price/Unit
Oat Hay	4.5	Acre	100	\$100	\$100	
Total Receipts						

2019 Proj.		
Total Value	Value or Cost/Acre	Value or Cost/Acre
\$ 45,000.00	\$ 450.00	\$ -
\$ 45,000.00	\$ 450.00	\$ -

DIRECT COSTS						
VARIABLE COSTS	Unit	Number of Units	Your	2018 Avg.	2019 Proj.	
			Price/Unit	Price/Unit	Price/Unit	
Fertilizer	Acre	100	\$ 100.00	\$ 100.00		
Application	Acre	100	\$ 7.00	\$ 7.00		
Herbicide	Acre	100	\$ 35.00	\$ 35.00		
Application	Acre	100	\$ 6.00	\$ 6.00		
Insecticide	Acre	100	\$ -	\$ -		
Application	Acre	100	\$ -	\$ -		
Irrigation						
Water Costs	Acre	100	\$ 10.00	\$ 10.00		
Irrigation Labor	Acre	100	\$ 25.00	\$ 25.00		
Crop Insurance	Acre	100	\$ 2.50	\$ 2.50		
Fuel	Acre	100	\$ 52.03	\$ 52.03		
Repairs & Maintenance	Acre	100	\$ 48.28	\$ 48.28		
Seed	Acre	100	\$ 35.00	\$ 35.00		
Twine	ton	450	\$ 5.80	\$ 5.80		
Other	Acre	100	\$ 5.00	\$ 5.00		
Total Variable Costs						
INDIRECT COSTS						
FIXED COSTS						
Capital Recovery						
Buildings, Equipment & Improvements			843.75	843.75		
Machinery & Vehicles			14010	14010		
Taxes & Insurance			621	621		
General Overhead			750	750		
TOTAL FIXED COSTS						
TOTAL COSTS						
Income Over Variable Costs						
Income Over Total Costs						

2019 Proj.		
Total Value	Value or Cost/Acre	Value or Cost/Acre
\$ 10,000.00	\$ 100.00	\$ -
\$ 700.00	\$ 7.00	\$ -
\$ 3,500.00	\$ 35.00	\$ -
\$ 600.00	\$ 6.00	\$ -
\$ -	\$ -	\$ -
\$ -	\$ -	\$ -
\$ 1,000.00	\$ 10.00	\$ -
\$ 2,500.00	\$ 25.00	\$ -
\$ 250.00	\$ 2.50	\$ -
\$ 5,203.00	\$ 52.03	\$ -
\$ 4,828.00	\$ 48.28	\$ -
\$ 3,500.00	\$ 35.00	\$ -
\$ 2,610.00	\$ 26.10	\$ -
\$ 500.00	\$ 5.00	\$ -
\$ 35,191.00	\$ 351.91	\$ -
\$ 843.75	\$ 8.44	\$ -
\$ 14,010.00	\$ 140.10	\$ -
\$ 621.00	\$ 6.21	\$ -
\$ 750.00	\$ 7.50	\$ -
\$ 16,224.75	\$ 162.25	\$ -
\$ 51,415.75	\$ 514.16	\$ -
\$ 9,809.00	\$ 98.09	\$ -
\$ (6,415.75)	\$ (64.16)	\$ -

BREAK-EVEN ANALYSIS		Alternative Prices				
Alternative Yields		-20%	-10%	\$/Ton	10%	20%
		\$80	\$90	\$100	\$110	\$120
-20%	3.6	-\$226	-\$190	-\$154	-\$118	-\$82
-10%	4.05	-\$190	-\$150	-\$109	-\$69	-\$28
Tons/Acre	4.5	-\$154	-\$109	-\$64	-\$19	\$26
10%	4.95	-\$118	-\$69	-\$19	\$30	\$80
20%	5.4	-\$82	-\$28	\$26	\$80	\$134