

Name: **Farm Business Management-Projection for 2017 Valley-Prices as of 10/31/2016**

2016 PROJECTED FARM CASH FLOW BY CROP/BEP

CROP INCOME	Basis -.40 <u>WHEAT</u> Acre		Basis -.60 <u>SOYBEANS</u> Acre		Basis -.50 <u>CORN</u> Acre		No JV Cost, and typical labor management charge <u>Sugar Beets</u> Acres		<u>Misc Crop</u>
	1	65.00	1	42.00	1	155.00	1	26.00	0.0001
Acres	1		1		1		1		0.0001
Wok Units	30		30		55		120		0.003
Yield Per Acre	65.00	65.00	42.00	42.00	155.00	155.00	26.00	26.00	
Price Received per Bushel/Ton	\$ 5.12		\$ 9.37		\$ 3.40		\$ 44.00		
Total Product Return per Acre	\$ 332.80	\$ 332.80	\$ 393.54	\$ 393.54	\$ 527.00	\$ 527.00	\$ 1,144.00	\$ 1,144.00	\$ -
Miscellaneous Payments	\$ -		\$ -		\$ -		\$ -		
Gross Return per Acre	\$ 332.80	\$ 332.80	\$ 393.54	\$ 393.54	\$ 527.00	\$ 527.00	\$ 1,144.00	\$ 1,144.00	\$ -

DIRECT EXPENSES

Seed	\$ 15.00	\$ 15.00	\$ 70.00	\$ 70.00	\$ 98.00	\$ 98.00	\$ 225.00	\$ 225.00	
Fertilizer	\$ 95.00	\$ 95.00	\$ 13.00	\$ 13.00	\$ 130.00	\$ 130.00	\$ 100.00	\$ 100.00	
Crop Chemicals	\$ 28.00	\$ 28.00	\$ 30.00	\$ 30.00	\$ 26.00	\$ 26.00	\$ 150.00	\$ 150.00	
Crop Insurance	\$ 14.00	\$ 14.00	\$ 20.00	\$ 20.00	\$ 20.00	\$ 20.00	\$ 23.00	\$ 23.00	
Fuel and Oil	\$ 14.00	\$ 14.00	\$ 14.00	\$ 14.00	\$ 24.00	\$ 24.00	\$ 58.00	\$ 58.00	
Repairs	\$ 21.00	\$ 21.00	\$ 21.00	\$ 21.00	\$ 35.00	\$ 35.00	\$ 90.00	\$ 90.00	
Custom Labor		\$ -		\$ -		\$ -	\$ 53.00	\$ 53.00	
Stock Quota Joint Venture		\$ -		\$ -		\$ -		\$ -	
Land Rent/Costs	\$ 150.00	\$ 150.00	\$ 150.00	\$ 150.00	\$ 150.00	\$ 150.00	\$ 150.00	\$ 150.00	
Drying		\$ -		\$ -	\$ 15.00	\$ 20.00		\$ -	
Operating Interest	\$ 5.00	\$ 5.00	\$ 5.00	\$ 5.00	\$ 9.00	\$ 9.00	\$ 14.00	\$ 14.00	
Miscellaneous	\$ 4.50	\$ 4.50	\$ 3.00	\$ 3.00	\$ 3.50	\$ 3.50	\$ 5.00	\$ 5.00	
TOTAL DIRECT EXPENSE	\$ 346.50	\$ 346.50	\$ 326.00	\$ 326.00	\$ 510.50	\$ 510.50	\$ 868.00	\$ 868.00	\$ -

OVERHEAD EXPENSES

	w/\$37 labor/mgmt charge		w/\$37 labor/mgmt charge		w/\$63 labor/mgmt charge		w/\$120 labor/mgmt charge		
Overhead Expenses	\$ 103.00		\$ 103.00		\$ 144.00		\$ 355.00		
TOTAL OVERHEAD EXPENSE	\$ 103.00	\$ 103.00	\$ 103.00	\$ 103.00	\$ 144.00	\$ 144.00	\$ 355.00	\$ 355.00	\$ -

TOTAL EXPENSES/ACRE	\$ 449.50	\$ 449.50	\$ 429.00	\$ 429.00	\$ 654.50	\$ 654.50	\$ 1,223.00	\$ 1,223.00	\$ -
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NET RETURN/ACRE	\$ (116.70)		\$ (35.46)		\$ (127.50)		\$ (79.00)		\$ -
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Estimated Income	\$ 332.80		\$ 393.54		\$ 527.00		\$ 1,144.00		\$ -
Estimated Expense	\$ 449.50		\$ 429.00		\$ 654.50		\$ 1,223.00		\$ -
Profit Per Acre	\$ (116.70)		\$ (35.46)		\$ (127.50)		\$ (79.00)		\$ -
Profit Margin	-25.96%		-8.27%		-19.48%		-6.46%		#DIV/0!

BEP	\$ 6.92		\$ 10.21		\$ 4.22		\$ 47.04		#DIV/0!
Net Return \$50/A	\$ 7.68		\$ 11.40		\$ 4.55		\$ 48.96		#DIV/0!
Net Return \$100/A	\$ 8.45		\$ 12.60		\$ 4.87		\$ 50.88		#DIV/0!
Net Return \$150/A	\$ 9.22		\$ 13.79		\$ 5.19		\$ 52.81		#DIV/0!
Net Return \$200/A	\$ 9.99		\$ 14.98		\$ 5.51		\$ 54.73		#DIV/0!

Developed by Randy Zimmerman, NCTC Ulen-Mahnomen

Modified by Josh Tjosaas and Ron Dvergsten-Moorhead

TOTALS

	4
	235.003
0.00	288
\$ -	\$ 2,397.34
\$ -	\$ -
\$ -	\$ 2,397.34

\$ -	\$ 408.00
\$ -	\$ 338.00
\$ -	\$ 234.00
\$ -	\$ 77.00
\$ -	\$ 110.00
\$ -	\$ 167.00
\$ -	\$ 53.00
\$ -	\$ -
\$ -	\$ 600.00
\$ -	\$ 20.00
\$ -	\$ 33.00
\$ -	\$ 16.00
\$ -	\$ 2,051.00

\$ -	\$ 705.00
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\$ -	\$ 2,756.00
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	\$ (358.66)
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