

Name: **Farm Business Management-Projection for 2021 Valley-FSA Plan Prices 2021 and current**

2021 Futures 6.52 11.91 4.56 Prices as of 2/9/2021

**2020 PROJECTED FARM CASH FLOW BY CROP/BEP**

<u>Projected Future Prices-Basis</u>	\$ (0.30)	\$ (0.60)	(0.55)	Non JV					Old Crop
<u>Based on historical values</u>	<u>WHEAT</u>	<u>SOYBEANS</u>	<u>CORN</u>	<u>SugarBeet</u>	<u>Sunflowers</u>	<u>Barley</u>	<u>Edible Beans</u>	<u>Seed/Soy</u>	<u>Hay</u>
<b>CROP INCOME</b>	<b>\$140/Acre</b>	<b>\$140/Acre</b>	<b>\$140/Acre</b>	<b>\$140/Acre</b>	<b>\$140/Acre</b>	<b>\$140/Acre</b>	<b>\$140/Acre</b>	<b>\$140/Acre</b>	<b>\$140/Acre</b>
Acres	1	1	1	1	1	1	1	1	1
Yield Per Acre	65.00	42.00	165.00	27.00	23.00	85.00	19.00	40.00	3.50
Price Received per Bushel	\$ 6.22	\$ 11.31	\$ 4.01	\$ 46.00	\$ 18.00	\$ 4.50	\$ 26.00	\$ 12.20	\$ 125.00
Total Product Return per Acre	\$ 404.30	\$ 475.02	\$ 661.65	\$ 1,242.00	\$ 414.00	\$ 382.50	\$ 494.00	\$ 488.00	\$ 437.50
Gross Return per Acre	<b>\$ 404.30</b>	<b>\$ 475.02</b>	<b>\$ 661.65</b>	<b>\$ 1,242.00</b>	<b>\$ 414.00</b>	<b>\$ 382.50</b>	<b>\$ 494.00</b>	<b>\$ 488.00</b>	<b>\$ 437.50</b>

**DIRECT EXPENSES**

Seed	\$ 21.00	\$ 58.00	\$ 85.00	\$ 223.00	\$ 41.00	\$ 21.00	\$ 60.00	\$ 61.00	
Fertilizer	\$ 85.00	\$ 11.00	\$ 112.00	\$ 86.00	\$ 48.00	\$ 54.00	\$ 29.00	\$ 10.00	\$ 25.00
Crop Chemicals	\$ 31.00	\$ 32.00	\$ 25.00	\$ 119.00	\$ 33.00	\$ 43.00	\$ 69.00	\$ 36.00	\$ 16.00
Crop Insurance	\$ 14.00	\$ 17.00	\$ 18.00	\$ 28.00	\$ 15.00	\$ 11.00	\$ 23.00	\$ 19.00	\$ 3.00
Fuel and Oil	\$ 15.00	\$ 14.00	\$ 24.00	\$ 55.00	\$ 18.00	\$ 14.00	\$ 18.00	\$ 14.00	\$ 15.00
Repairs	\$ 26.00	\$ 24.00	\$ 43.00	\$ 98.00	\$ 35.00	\$ 26.00	\$ 26.00	\$ 27.00	\$ 43.00
Custom Hire/Lease	\$ 9.00	\$ 7.00	\$ 9.00	\$ 20.00	\$ 13.00	\$ 10.00	\$ 1.00	\$ 5.00	\$ 35.00
Land Rent/Costs	\$ 140.00	\$ 140.00	\$ 140.00	\$ 140.00	\$ 140.00	\$ 140.00	\$ 140.00	\$ 140.00	\$ 140.00
Drying			\$ 18.00						
Miscellaneous	\$ 11.00	\$ 10.00	\$ 17.00	\$ 30.00	\$ 9.00	\$ 14.00	\$ 10.00	\$ 15.00	\$ 19.00
<b>TOTAL DIRECT EXPENSE</b>	<b>\$ 352.00</b>	<b>\$ 313.00</b>	<b>\$ 491.00</b>	<b>\$ 799.00</b>	<b>\$ 352.00</b>	<b>\$ 333.00</b>	<b>\$ 376.00</b>	<b>\$ 327.00</b>	<b>\$ 296.00</b>

**OVERHEAD EXPENSES**

	No L/M	No L/M	No L/M	No L/M	No L/M	No L/M	No L/M	No L/M	No L/M
Overhead Expenses	\$ 62.00	\$ 64.00	\$ 104.00	\$ 227.00	\$ 78.00	\$ 63.00	\$ 92.00	\$ 67.00	\$ 100.00
<b>TOTAL OVERHEAD EXPENSE</b>	<b>\$ 62.00</b>	<b>\$ 64.00</b>	<b>\$ 104.00</b>	<b>\$ 227.00</b>	<b>\$ 78.00</b>	<b>\$ 63.00</b>	<b>\$ 92.00</b>	<b>\$ 67.00</b>	<b>\$ 100.00</b>

**TOTAL EXPENSES/ACRE**

<b>TOTAL EXPENSES/ACRE</b>	<b>\$ 414.00</b>	<b>\$ 377.00</b>	<b>\$ 595.00</b>	<b>\$ 1,026.00</b>	<b>\$ 430.00</b>	<b>\$ 396.00</b>	<b>\$ 468.00</b>	<b>\$ 394.00</b>	<b>\$ 396.00</b>
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**NET RETURN/ACRE**

<b>NET RETURN/ACRE</b>	<b>\$ (9.70)</b>	<b>\$ 98.02</b>	<b>\$ 66.65</b>	<b>\$ 216.00</b>	<b>\$ (16.00)</b>	<b>\$ (13.50)</b>	<b>\$ 26.00</b>	<b>\$ 94.00</b>	<b>\$ 41.50</b>
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<b>Estimated Income</b>	\$ 404.30	\$ 475.02	\$ 661.65	\$ 1,242.00	\$ 414.00	\$ 382.50	\$ 494.00	\$ 488.00	\$ 437.50
<b>Estimated Expense</b>	\$ 414.00	\$ 377.00	\$ 595.00	\$ 1,026.00	\$ 430.00	\$ 396.00	\$ 468.00	\$ 394.00	\$ 396.00
<b>Profit Per Acre</b>	\$ (9.70)	\$ 98.02	\$ 66.65	\$ 216.00	\$ (16.00)	\$ (13.50)	\$ 26.00	\$ 94.00	\$ 41.50
<b>Profit Margin</b>	<b>-2.34%</b>	<b>26.00%</b>	<b>11.20%</b>	<b>21.05%</b>	<b>-3.72%</b>	<b>-3.41%</b>	<b>5.56%</b>	<b>23.86%</b>	<b>10.48%</b>

<b>BEP</b>	<b>\$ 6.37</b>	<b>\$ 8.98</b>	<b>\$ 3.61</b>	<b>\$ 38.00</b>	<b>\$ 18.70</b>	<b>\$ 4.66</b>	<b>\$ 24.63</b>	<b>\$ 9.85</b>	<b>\$ 113.14</b>
L/M & NR \$50/A	\$ 7.14	\$ 10.17	\$ 3.91	\$ 39.85	\$ 20.87	\$ 5.25	\$ 27.26	\$ 11.10	\$ 127.43
L/M & NR \$100/A	\$ 7.91	\$ 11.36	\$ 4.21	\$ 41.70	\$ 23.04	\$ 5.84	\$ 29.89	\$ 12.35	\$ 141.71
L/M & NR \$150/A	\$ 8.68	\$ 12.55	\$ 4.52	\$ 43.56	\$ 25.22	\$ 6.42	\$ 32.53	\$ 13.60	\$ 156.00
L/M & NR \$200/A	\$ 9.45	\$ 13.74	\$ 4.82	\$ 45.41	\$ 27.39	\$ 7.01	\$ 35.16	\$ 14.85	\$ 170.29

Developed by Randy Zimmerman, NCTC Ulen-Mahnomen  
Modified by Josh Tjosaas and Ron Dvergsten-Moorhead

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