

*Crop Enterprise Analysis  
(Farms Sorted By Tillage System)*

*Soybeans on Cash Rent*

	<u>Avg. Of All Farms</u>	<u>Moldboard</u>	<u>Chisel/ Reduced</u>	<u>No Till</u>	<u>Ridge Till</u>	<u>Strip Till</u>
Number of farms	949	29	853	49	16	18
Acres	334.88	120.12	338.78	298.95	343.32	288.78
Yield per acre (bu.)	49.50	49.67	49.38	49.53	57.17	47.99
Operators share of yield %	100.00	100.00	100.00	100.00	100.00	100.00
Value per bu.	9.17	9.14	9.17	9.07	9.38	9.10
Other product return per acre	0.00	-	0.00	-	-	-
Total product return per acre	453.97	454.08	452.97	449.13	536.04	436.88
Hedging gains/losses per acre	0.56	-	0.65	-0.53	-0.96	0.59
Crop insurance per acre	13.21	7.25	13.55	8.36	10.38	14.66
Other crop income per acre	3.49	2.20	3.16	6.60	10.36	7.15
Gross return per acre	471.24	463.53	470.33	463.56	555.82	459.27
<b>Direct Expenses</b>						
Seed	59.04	55.96	59.33	56.37	52.83	59.13
Fertilizer	19.96	13.10	19.89	24.97	9.75	25.00
Crop chemicals	42.74	41.49	42.55	45.93	40.99	46.47
Crop insurance	19.85	18.30	19.98	18.04	20.26	18.04
Storage	0.75	1.94	0.75	0.41	0.27	0.95
Fuel & oil	14.47	13.55	14.68	11.49	12.46	13.97
Repairs	25.89	24.62	26.13	20.24	26.16	28.99
Custom hire	7.26	11.04	7.15	8.14	9.72	5.85
Hired labor	3.28	1.74	3.13	6.66	4.98	1.57
Land rent	182.69	171.26	183.78	163.41	205.82	159.83
Machinery leases	3.02	0.64	2.82	7.77	5.12	0.23
Utilities	0.91	0.24	0.88	1.17	2.84	0.22
Hauling and trucking	0.70	1.78	0.65	0.69	2.61	0.68
Marketing	1.25	1.64	1.25	0.60	2.92	1.13
Operating interest	8.42	7.84	8.61	5.96	4.92	8.58
Miscellaneous	2.11	1.89	2.01	3.30	2.95	3.55
Total direct expenses per acre	392.35	367.03	393.62	375.16	404.61	374.17
Return over direct exp per acre	78.89	96.49	76.71	88.40	151.21	85.10
<b>Overhead Expenses</b>						
Hired labor	7.39	2.30	7.56	5.84	5.71	7.72
Machinery leases	2.74	1.09	2.82	2.17	0.27	3.73
Building leases	1.32	1.48	1.30	1.71	2.08	0.68
Farm insurance	6.96	7.64	6.89	6.44	9.80	8.72
Utilities	3.38	3.94	3.40	2.66	2.76	4.22
Dues & professional fees	2.61	2.47	2.63	2.05	2.03	3.95
Interest	3.82	3.59	3.91	2.87	2.63	3.26
Mach & bldg depreciation	33.22	26.17	32.97	34.50	47.13	33.86
Miscellaneous	3.69	2.91	3.78	2.84	2.35	2.92
Total overhead expenses per acre	65.14	51.58	65.26	61.06	74.77	69.05
Total dir & ovhd expenses per acre	457.49	418.62	458.87	436.23	479.38	443.23
Net return per acre	13.75	44.91	11.46	27.34	76.45	16.04
Government payments	14.79	10.28	14.79	15.01	15.45	16.64
Net return with govt pmts	28.54	55.20	26.24	42.35	91.89	32.68
Labor & management charge	31.04	29.26	30.85	31.25	44.40	28.40
Net return over lbr & mgt	-2.50	25.93	-4.60	11.09	47.49	4.29
<b>Cost of Production</b>						
Total direct expense per bu.	7.93	7.39	7.97	7.57	7.08	7.80
Total dir & ovhd exp per bu.	9.24	8.43	9.29	8.81	8.38	9.24
Less govt & other income	8.59	8.03	8.64	8.21	7.77	8.42
With labor & management	9.22	8.62	9.27	8.84	8.55	9.01
Net value per unit	9.18	9.14	9.19	9.06	9.36	9.12
Machinery cost per acre	85.89	77.05	85.99	82.76	96.18	84.09
Est. labor hours per acre	1.63	1.74	1.62	1.74	2.02	1.75

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*Crop Enterprise Analysis (continued)*  
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*Soybeans on Cash Rent*

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Data Source(s):

Mn State College & University South, 612 farms  
Mn State College & University North, 148 farms  
Southwest Minnesota Farm Business Management Association, 80 farms  
Mn State College & University Red River Valley, 78 farms  
Other groups, 31 farms

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Report Summary

1. Report number	354229
2. Location	
State:	All
3. Farm Characteristics	
Year(s):	2017
Crop tenure type:	Cash Rent
Tillage system:	Moldboard Chisel/Reduced No Till Ridge Till Strip Till
Organic Transition:	No No Answer

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