

Cover Crop Analysis

Corn on Owned Land, Cash Rent - Cover Crop Impact

	<u>No Cover Crop</u>	<u>Grown after Cover Crop</u>	<u>Cover Crop Enterprise</u>	<u>Combined with Cover Crop</u>
Number of farms	390	12	12	12
Acres	385.09	196.88	196.88	196.88
Yield per acre (bu.)	170.56	135.83	-	-
Operator's share of yield %	100.00	100.00	-	-
Value per bu.	4.10	4.33	-	-
Other product return per acre	1.65	3.15	-	3.15
Total product return per acre	700.17	591.50	0.47	591.96
Hedging gains/losses per acre	2.13	-	-	-
Crop insurance per acre	31.17	142.80	-	142.80
Other crop income per acre	3.69	1.48	3.19	4.67
Gross return per acre	737.16	735.78	3.65	739.43
Direct Expenses				
Seed	109.09	96.37	17.18	113.55
Fertilizer	161.40	159.69	-	159.69
Crop chemicals	36.24	38.42	-	38.42
Crop insurance	25.32	19.86	-	19.86
Drying expense	9.31	9.65	-	9.65
Storage	1.31	0.09	-	0.09
Fuel & oil	33.13	26.22	8.26	34.48
Repairs	67.75	59.68	17.77	77.45
Custom hire	11.88	7.04	0.51	7.56
Hired labor	2.94	-	-	-
Land rent	108.98	103.73	-	103.73
Machinery leases	4.34	4.07	-	4.07
Hauling and trucking	2.12	0.40	-	0.40
Marketing	1.44	1.51	-	1.51
Operating interest	21.25	24.28	5.69	29.97
Miscellaneous	3.28	7.33	0.03	7.36
Total direct expenses per acre	599.76	558.35	49.44	607.79
Return over direct exp per acre	137.41	177.43	-45.78	131.64
Overhead Expenses				
Hired labor	22.83	20.51	5.12	25.63
Machinery leases	4.99	0.58	0.15	0.73
Building leases	2.30	4.11	1.12	5.22
RE & pers. property taxes	6.28	2.60	-	2.60
Farm insurance	14.27	13.92	3.41	17.33
Utilities	6.42	8.04	2.09	10.13
Dues & professional fees	5.52	3.50	0.81	4.32
Interest	28.11	14.86	1.21	16.06
Mach & bldg depreciation	60.84	38.77	9.58	48.35
Miscellaneous	4.74	6.22	1.65	7.87
Total overhead expenses per acre	156.30	113.10	25.14	138.25
Total dir & ovhd expenses per acre	756.05	671.45	74.58	746.04
Net return per acre	-18.89	64.32	-70.93	-6.60
Government payments				
Government payments	42.21	43.37	-	43.37
Net return with govt pmts	23.32	107.70	-70.93	36.77
Labor & management charge	56.99	61.36	15.06	76.42
Net return over lbr & mgt	-33.67	46.34	-85.99	-39.65
Cost of Production				
Total direct expense per bu.	3.52	4.11	-	4.47
Total dir & ovhd exp per bu.	4.43	4.94	-	5.49
Less govt & other income	3.96	3.54	-	4.06
With labor & management	4.29	3.99	-	4.63
Net value per unit				
Net value per unit	4.11	4.33	-	4.33
Machinery cost per acre	186.30	136.50	36.19	172.69
Est. labor hours per acre	2.81	3.30	0.82	4.12

Data Source(s):

Mn State College & University North, 333 farms
Mn State College & University Red River Valley, 93 farms

Report Summary

1. Report number	825488
2. Location	
State:	Minnesota
Association:	Mn State College & University North, Mn State College & University Red River Valley
3. Farm Characteristics	
Year(s):	2024
Crop tenure type:	Owned Land Cash Rent
Organic Transition:	No No Answer
Cover Crop:	No No Answer

Suggested citation:

FINBIN (2025). Center for Farm Financial Management: University of Minnesota.
Retrieved from <http://finbin.umn.edu> (originally created April 2, 2025).

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