Ohio Farm Custom Rates 2026

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Farming is a complex business and many Ohio farmers utilize outside assistance for specific farm-related work. This option is appealing for tasks requiring specialized equipment or technical expertise. Often, having someone else with specialized tools perform tasks is more cost effective and saves time. Farm work completed by others is often referred to as “custom farm work” or more simply, “custom work”. A “custom rate” is the amount agreed upon by both parties to be paid by the custom work customer to the custom work provider.

Ohio Farm Custom Rates

This publication reports custom rates based on a statewide survey. Surveys were mailed/emailed to past respondents and distributed at various Extension programs through the winter of 2026. The summary information included in this publication is based on the responses of 343 farmers, custom operators, farm managers, and landowners conducted in 2026. These rates, except where noted, include the implement and tractor if required, all variable machinery costs such as fuel, oil, lube, twine, etc., and labor for the operation.

Some custom rates published in this study vary widely, possibly influenced by:

- Type or size of equipment used (e.g. 20-shank chisel plow versus a 9-shank)
- Size and shape of fields,
- Condition of the crop (for harvesting operations)
- Skill level of labor
- Amount of labor needed in relation to the equipment capabilities
- Cost margin differences for full-time custom operators compared to farmers supplementing current income
- Region of Ohio with different custom services supply and demand characteristics

Some custom rates reflect discounted rates as the parties involved have family or community relationships. Discounted rates may also occur when the custom work provider is attempting to strengthen a relationship to help secure the custom farmed land in a future purchase, or rental agreement. Some providers charge differently because they are simply attempting to spread their fixed costs over more acreage to decrease fixed costs per acre and are willing to forgo complete cost recovery.

Charges may be added if the custom provider considers a job abnormal such as distance from the operator’s base location, difficulty of terrain, amount of product or labor involved with the operation, or other special requirements of the custom work customer.

The measures shown in the following tables are the summary of the survey respondents. The measures are the Average (Mean), Responses, Maximum, Minimum, Median, Standard Deviation, and Statistical Range. The Average reported in this publication is a simple average of all the survey responses for each operation. Responses indicate the number of survey responses for each given operation. The Maximum and Minimum reported in the table are the maximum and minimum

amounts reported from the survey data for a given custom operation. The median represents the middle value of the survey responses. Standard Deviation is a measure of variability. Statistical Range identified in the tables consists of two numbers. The first is the average plus the standard deviation. The second number of the range is the average minus the standard deviation. In cases where there were too few responses to statistically analyze, statistics are not presented due to the low response rate.

The data from this survey are intended to show a representative farming industry cost for specified machines and operations in Ohio. As a custom provider, the average rates reported in this publication may not cover your total costs for performing the custom service. As a customer, you may not be able to hire a custom service for the average rate published in this factsheet.

It is recommended that you calculate your own costs carefully before determining the rate to charge or pay. It may be helpful to compare the custom rates reported in this fact sheet with machinery costs calculated by economic models. The following resources are available to help you calculate and consider the total costs of a given machinery operation. You may consider using the data contained in multiple publications as a base for future custom rates. Suggested publications are:

Illinois Farm Management Handbook, available by searching University of Illinois farmdoc.

Estimating Farm Machinery Costs, available by searching Iowa State University agriculture decision maker and machinery management.

2026 Survey Responses and Energy Costs
Below are tables summarizing the results of the 2026 Ohio Farm Custom Rate Survey. Remember, fuel prices have an impact on custom rates and rates may fluctuate based on large movements in fuel prices. The average price of retail on-highway diesel in 2025 according to the U.S. Energy Information Administration (EIA) was $3.66 per gallon. The price of Midwest No 2 On-Road Diesel during the survey period (January – April 2026) ranged from $3.36 - $5.81 per gallon. Although geopolitical issues created a surge in energy prices in March and April, the authors assume most of the responses are reported using the assumption of diesel priced in the lower part of this range. Fuel prices at these higher levels may create a need for higher custom rates or added fuel surcharges.

At the end of this fact sheet is a sample calculation of machinery rental based on custom rates reported in this survey.

Special note: Before entering into an agreement, discuss all the details of the specific job with the other party.

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Operation Soil Preparation	Average	Responses	Max	Min	Median	Standard Deviation[1]	Statistical Range[2] High	Statistical Range[2] Low
Stalk Chopper / acre:	$17.80	10	$25.00	$10.00	$17.33	$4.49	$22.29	$13.31
Moldboard Plow / acre:	$33.75	16	$60.00	$15.00	$30.00	$12.04	$45.79	$21.71
Chisel Plow / acre:	$23.58	18	$34.00	$14.00	$24.00	$5.40	$28.99	$18.18
Disk Chisel / acre:	$24.65	27	$37.50	$15.00	$25.00	$5.56	$30.21	$19.08
Disk-Tandem / acre:	$22.50	20	$34.00	$15.00	$20.00	$5.71	$28.21	$16.79
Disk-High Speed / acre:	$25.48	29	$40.00	$13.00	$25.00	$5.53	$31.01	$19.95
Soil Finishing / acre:	$21.32	23	$34.00	$14.00	$20.00	$4.47	$25.79	$16.85
Field Cultivator / acre:	$21.51	35	$34.00	$9.50	$22.00	$6.12	$27.64	$15.39
Vertical Tillage ($/Acre):	$21.31	37	$35.00	$10.00	$20.00	$6.85	$28.16	$14.46
Land Leveling / acre:	$24.40	5	$30.00	$20.00	$25.00	$3.78	$28.18	$20.62
Subsoiling: 8-15 Inches Deep / acre:	$24.30	22	$37.50	$12.00	$25.00	$6.94	$31.24	$17.36
V-Ripping: Over 15 Inches Deep / acre:	$26.33	6	$31.00	$20.00	$27.50	$4.68	$31.01	$21.66
Strip Tillage / acre:	$30.25	8	$37.00	$20.00	$30.00	$5.65	$35.90	$24.60
Strip Tillage w/Fert. Injection / acre:	$35.85	13	$43.00	$28.00	$35.00	$4.12	$39.97	$31.73
Fertilizer Application - Ground								
Dry Bulk, fixed rate / acre:	$9.68	73	$20.00	$5.50	$10.00	$2.34	$12.02	$7.34
Variable Rate Fertilizer Application / acre	$10.96	54	$25.00	$1.50	$10.25	$3.36	$14.33	$7.60
Number of Products Applied	1.8	34	3.0	1.0	2.0	0.6	2.4	1.1
Liquid, Knife / acre:	$14.32	24	$25.00	$6.00	$13.50	$4.06	$18.37	$10.26
Liquid, Spray / acre:	$10.69	39	$18.75	$6.50	$10.00	$2.73	$13.42	$7.96
Anhydrous / acre:	$17.86	15	$25.00	$12.00	$18.00	$3.77	$21.63	$14.09
Late Season Nitrogen Application with Coulters / acre	$14.64	7	$20.00	$10.00	$13.00	$3.94	$18.59	$10.70
Late Season Nitrogen Application with Drops / acre	$14.40	17	$20.00	$9.75	$14.50	$3.46	$17.86	$10.93
Lime Application (Material not included) / acre:	$12.13	20	$20.00	$8.00	$12.00	$3.19	$15.32	$8.93
OR Lime Application (Material not included) / ton:	$11.53	17	$16.00	$4.50	$12.00	$2.82	$14.35	$8.71
Chemical Control of Weeds/Insects/Disease								
Spraying - Self Propelled Sprayer / acre	$10.63	105	$25.00	$5.00	$10.00	$2.81	$13.43	$7.82
Spraying - Pull-Type Sprayer / acre	$10.22	16	$12.50	$7.00	$10.50	$1.97	$12.19	$8.24
Spraying Late Season (High Clearance) / acre	$12.59	38	$30.00	$5.00	$12.00	$3.88	$16.47	$8.71

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Operation						Standard	Statistical Range[2]	
Mechanical Weed Control	**Average**	**Responses**	**Max**	**Min**	**Median**	**Deviation[1]**	**High**	**Low**
Rotary Hoeing / acre	$13.24	17	$17.00	$5.00	$15.00	$3.01	$16.25	$10.22
Conventional Cultivating / acre	$21.23	15	$35.00	$12.00	$22.00	$6.20	$27.43	$15.03
Weed Electrocution / acre	$44.10	20	$60.00	$30.00	$45.00	$7.17	$51.27	$36.93
Tine weeding / acre	$17.06	8	$25.00	$8.00	$18.25	$5.29	$22.36	$11.77
Flame Weeding - no materials / acre	$30.50	4	$46.00	$20.00	$28.00	$12.40	$42.90	$18.10
Aerial Application								
Airplane/Helicopter: Chemical (Fungicide etc.) / acre	$14.84	40	$20.00	$11.00	$15.00	$2.80	$17.64	$12.04
Airplane/Helicopter: Seed / acre	$14.44	16	$20.00	$10.00	$15.00	$2.71	$17.14	$11.73
Airplane/Helicopter: Fertilizer / acre	$14.13	12	$20.00	$11.00	$14.00	$2.51	$16.63	$11.62
Drone/UAV: Chemical (Fungicide etc.) / acre	$14.98	42	$20.00	$8.00	$15.00	$2.44	$17.42	$12.53
Drone/UAV: Seed / acre	$15.64	25	$22.00	$11.00	$15.00	$2.58	$18.22	$13.06
Drone/UAV: Fertilizer / acre	$17.15	10	$20.00	$12.00	$18.00	$3.04	$20.19	$14.11
Planting Operations								
Plant Corn, 30 Inch Rows / acre	$25.20	54	$39.00	$15.00	$25.00	$5.59	$30.79	$19.61
Plant Corn, 30 Inch Rows with Fertilizer Application / acre	$25.83	67	$39.00	$14.00	$25.00	$5.24	$31.07	$20.59
Variable Rate Corn Planting / acre	$27.28	25	$40.00	$15.00	$26.00	$5.88	$33.16	$21.40
Plant Soybeans, 15 or 30 Inch Rows / acre	$25.12	82	$45.00	$12.00	$25.00	$6.49	$31.60	$18.63
Variable Rate Soybean Planting / acre	$25.14	21	$35.00	$15.00	$24.00	$5.47	$30.61	$19.67
Drill Soybeans / acre	$21.68	36	$45.00	$12.00	$20.00	$6.76	$28.44	$14.92
Drill Small Grains / acre	$20.74	44	$39.00	$10.00	$20.00	$6.23	$26.97	$14.51
Forage, Pasture, Cover Crop Seeding								
Cultipacker Seeding / acre	$14.50	6	$25.00	$8.00	$15.00	$6.28	$20.78	$8.22
Broadcast / acre	$10.74	12	$16.00	$3.82	$12.00	$3.20	$13.94	$7.53
Broadcast, incorporate (one pass) / acre	$16.29	7	$25.00	$8.00	$18.00	$6.07	$22.36	$10.21
Drill Cover Crops / acre	$21.57	28	$42.00	$10.00	$20.00	$7.36	$28.93	$14.22
Roller - crimp termination / acre	$10.60	5	$15.00	$5.00	$10.00	$4.39	$14.99	$6.21

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Operation Grain Harvest	Average	Responses	Max	Min	Median	Standard Deviation[1]	Statistical Range[2] High	Statistical Range[2] Low
Harvest Corn:								
Combine, Grain Cart, Haul Local to Farm / acre	$45.41	76	$75.00	$25.00	$44.50	$12.92	$58.33	$32.50
Harvest Soybeans:								
Combine, Grain Cart, Haul Local to Farm / acre	$43.20	80	$72.00	$25.00	$40.00	$12.07	$55.27	$31.13
Harvest Wheat:								
Combine, Grain Cart, Haul Local to Farm / acre	$44.51	52	$72.00	$20.00	$42.00	$11.91	$56.42	$32.60
Added Charge GPS Mapping / acre	$3.13	12	$6.00	$1.00	$2.50	$1.68	$4.81	$1.44
Combine Only - Corn / acre	$37.35	81	$65.00	$15.00	$37.50	$10.66	$48.01	$26.69
Combine Only - Soybeans / acre	$35.54	85	$65.00	$15.00	$35.00	$10.67	$46.21	$24.87
Combine Only - Small Grains / acre	$36.08	65	$65.00	$15.00	$35.00	$10.47	$46.54	$25.61
Ear Corn Picker ($/Acre)	$30.00	4	$50.00	$15.00	$27.50	$14.72	$44.72	$15.28
Grain Cart / acre	$8.03	19	$15.00	$3.00	$7.50	$3.21	$11.23	$4.82
Grain Storage and Drying - On Farm								
On Farm Storage Charge / bushel / month	$0.05	30	$0.12	$0.01	$0.05	$0.04	$0.09	$0.01
On Farm Storage Charge / bushel / year	$0.16	27	$0.60	$0.03	$0.10	$0.14	$0.30	$0.03
On Farm Moisture Removed / point / bushel	$0.04	21	$0.10	$0.01	$0.03	$0.03	$0.07	$0.00
Grain Storage and Drying - Commercial Elevator/Terminal								
Commercial Elevator/Terminal Grain Storage								
Storage Charge per Month / bushel / month	$0.11	27	$0.16	$0.03	$0.12	$0.04	$0.15	$0.08
Commercial Elevator/Terminal Grain Drying								
Moisture Removed / point / bushel	$0.05	19	$0.10	$0.01	$0.05	$0.03	$0.08	$0.01
Grain Hauling								
Farm to Market / bushel	$0.19	69	$0.52	$0.01	$0.19	$0.10	$0.29	$0.09
Distance (mileage one way)	23.4	59.0	120.0	3.0	20.0	18.3	41.7	5.1
Field to Farm / bushel	$0.10	35	$0.22	$0.01	$0.10	$0.07	$0.17	$0.04
Distance (mileage one way	12.8	32.0	40.0	2.0	10.0	9.0	21.8	3.8

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Operation Silage/Haylage Harvest and Handling	Average	Responses	Max	Min	Median	Standard Deviation[1]	Statistical Range[2] High	Statistical Range[2] Low
Chopping only / ton		3	$8.00	$5.50	Statistics not presented due to low responses			
Chopping only / hour	$382.14	7	$650.00	$200.00	$400.00	$191.87	$574.02	$190.27
Chop, Haul, Fill / ton	$10.68	5	$14.40	$7.00	$10.00	$2.85	$13.53	$7.83
Chop, Haul, Fill / hour	$453.57	7	$525.00	$400.00	$450.00	$48.80	$502.37	$404.78
Other Silage								
Blower/Hour		3	$175.00	$150.00	Statistics not presented due to low responses			
Packing Bunker Silo / hour	$101.25	4	$150.00	$50.00	$102.50	$44.79	$146.04	$56.46
Silage Trucking / hour / truck	$146.25	4	$175.00	$110.00	$150.00	$26.89	$173.14	$119.36
Hay Harvest								
Field Operations								
Mowing / acre	$16.75	16	$45.00	$2.00	$15.50	$9.82	$26.57	$6.93
Mowing/Conditioning / acre	$17.17	32	$35.00	$5.00	$17.75	$7.15	$24.33	$10.02
Raking / acre	$11.64	28	$25.00	$3.00	$10.25	$5.16	$16.80	$6.49
Merging Windrows / acre	$10.71	7	$19.00	$2.00	$10.00	$4.99	$15.70	$5.72
Tedding / acre	$10.95	25	$30.00	$2.00	$10.00	$6.00	$16.95	$4.95
Trucking (flatbed or van) / loaded mile	$3.36	9	$6.00	$1.00	$3.00	$1.46	$4.82	$1.90
Baling: Small Square Bales								
Baled and Dropped on Ground / bale	$1.12	13	$2.00	$0.52	$1.00	$0.37	$1.49	$0.76
Baled and Loaded on Wagon / bale	$1.55	11	$3.00	$0.55	$1.50	$0.74	$2.29	$0.80
Added Charge to Haul and Store / bale	$1.36	7	$2.00	$1.00	$1.00	$0.48	$1.83	$0.88
Baled, Loaded, Hauled, and Stored / bale	$3.06	12	$6.00	$1.25	$2.75	$1.25	$4.32	$1.81
Baled and accumulated / bale	$1.97	9	$3.00	$1.50	$2.00	$0.44	$2.41	$1.52
Baling: Large Round Bales								
Baled and Left in Field / bale	$11.98	23	$15.00	$8.00	$12.00	$2.40	$14.38	$9.57
Baled and Hauled from Field / bale		3	$23.00	$10.00	Statistics not presented due to low responses			
Baled and Wrapped in Plastic - Plastic Included / bale	$12.43	21	$20.00	$8.00	$12.00	$2.84	$15.27	$9.59
Baled, Net Wrapped and Hauled from Field Net wrap included / bale	$19.44	9	$30.00	$12.00	$20.00	$5.48	$24.92	$13.96
Baled and Wrapped in Plastic - Plastic Included / bale	$20.13	8	$25.00	$8.00	$20.00	$5.38	$25.51	$14.74

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Operation						Standard	Statistical Range[2]	
Baling: Large Square Bales	**Average**	**Responses**	**Max**	**Min**	**Median**	**Deviation[1]**	**High**	**Low**
Baled and Left in Field / bale	$12.91	11	$16.00	$10.00	$13.00	$2.26	$15.17	$10.65
Baled and accumulated / bale	$14.20	5	$18.00	$10.00	$15.00	$3.19	$17.39	$11.01
Baled and Hauled from Field / bale	$18.40	5	$20.00	$15.00	$20.00	$2.30	$20.70	$16.10
Move Stack or Large Bale / bale or stack	$2.63	4	$6.00	$1.00	$1.75	$2.29	$4.91	$0.34
Complete Hay Harvest								
Mow, Rake, Bale, Haul and Store - Custom Hired / ton	$59.83	6	$130.00	$20.00	$43.50	$46.93	$106.76	$12.90
Mow, Rake, Bale, Haul and Store - Share to tenant (% of crop)	52.89	19	75.0	10.0	50.0	12.9	65.8	40.0
Custom Farming - All machinery operations (tillage, planting, spraying, tending & harvesting)								
Corn / acre	$165.39	18	$300.00	$80.00	$158.50	$60.06	$225.45	$105.33
Soybeans / acre	$155.53	19	$350.00	$75.00	$140.00	$66.62	$222.15	$88.90
Small Grains / acre	$157.80	15	$250.00	$90.00	$142.00	$51.63	$209.43	$106.17
Manure Application - Liquid Manure								
Pump & Spread (Tanker-Surface) / gallon	$0.014	11	$0.030	$0.010	$0.010	$0.000	$0.020	$0.010
Pump & Spread (Dragline-Surface) / gallon	$0.011	18	$0.020	$0.010	$0.010	$0.000	$0.010	$0.010
Pump, Spread & Incorporate (Dragline) / gallon	$0.012	11	$0.020	$0.010	$0.010	$0.000	$0.020	$0.010
Pump, Inject/Sidedress (Dragline) / gallon	$0.013	7	$0.020	$0.010	$0.010	$0.000	$0.020	$0.010
Standard Setup Charge (Dragline jobs) / job	$882.14	7	$2,000.00	$500.00	$750.00	$521.76	$1,403.90	$360.38
Upcharge if Sand is Used for Bedding / gallon	$0.001	5	$0.003	$0.001	$0.001	$0.001	$0.003	$0.000
Hauling Liquid Manure per Hour with Semi / hour	$136.53	18	$165.00	$100.00	$135.00	$15.56	$152.08	$120.97
Agitator Charge / gallon	$0.001	6	$0.005	$0.001	$0.000	$0.000	$0.000	($0.000)
Agitation Boat / hour	$294.44	9	$400.00	$200.00	$300.00	$58.33	$352.78	$236.11
Fracture Tank / day	$500.00	4	$500.00	$500.00	$500.00	$0.00	$500.00	$500.00
Pipe Bridge / day		3	$750.00	$550.00	Statistics not presented due to low responses			
Extra Hose Charge Greater than 1 Mile from Pit/Lagoon		3	$1,600.00	$400.00	Statistics not presented due to low responses			
Extra Hose Charge Greater than 1 Mile from Pit/Lagoon /gallon	$0.004	10	$0.009	$0.001	$0.002	$0.003	$0.007	$0.001
Manure Application - Solid Manure								
Spreading Manure at Field / hour	$183.33	6	$230.00	$120.00	$200.00	$40.33	$223.67	$143.00
Spreading Manure at Field / ton	$11.85	10	$34.00	$1.50	$10.50	$8.63	$20.48	$3.22
Hauling & Spreading Manure within 2 Miles / hour	$201.67	6	$250.00	$150.00	$200.00	$35.45	$237.12	$166.22
Hauling & Spreading Manure within 2 Miles / ton	$11.75	4	$15.00	$10.00	$11.00	$2.36	$14.11	$9.39

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Operation Manure Application - Solid Manure	Average	Responses	Max	Min	Median	Standard Deviation[1]	Statistical Range[2] High	Statistical Range[2] Low
Loading (Payloader or Other) Manure / hour		3	$200.00	$100.00	Statistics not presented due to low responses			
Loading/Hauling & Spreading within 2 miles / hour		3	$300.00	$280.00	Statistics not presented due to low responses			
Farm Labor								
General Farm Labor / hour	$18.35	82	$35.00	$10.00	$ 18.00	$ 4.35	$22.70	$14.00
Machinery Operation / hour	$22.22	59	$40.00	$15.00	$ 20.00	$ 5.76	$27.98	$16.46
Semitruck Driving (Seasonal) / hour	$23.10	30	$50.00	$15.00	$ 20.75	$ 6.45	$29.55	$16.65
Milking Cows / hour	$15.32	7	$20.00	$13.00	$15.00	$ 2.45	$17.77	$12.87
Average hours worked per week (hours)	33.5	23	50.0	5.0	40.0	14.7	48.2	18.8
Crop Manager / year	$79,056	9	$125,000	$52,000	$72,800	$26,508	$105,563	$52,548
Value of benefits / year	$10,250	4	$13,500	$5,000	$11,250	$3,797	$14,047	$6,453
Drainage and Tile Installation								
Drainage Plow - 4" Plastic / foot	$0.40	41	$1.00	$0.15	$0.35	$0.19	$0.59	$0.21
Drainage Plow - 6" Plastic / foot	$0.66	26	$1.50	$0.19	$0.60	$0.33	$0.99	$0.33
Drainage Plow - 8" Plastic / foot	$0.84	14	$2.00	$0.19	$0.63	$0.55	$1.39	$0.29
Wheel or Trencher - 4" Plastic / foot	$1.04	13	$3.00	$0.29	$0.80	$0.82	$1.86	$0.22
Wheel or Trencher - 6" Plastic / foot	$1.40	16	$3.00	$0.29	$1.25	$0.86	$2.26	$0.54
Wheel or Trencher - 8" Plastic / foot	$1.68	17	$3.96	$0.29	$1.50	$1.08	$2.76	$0.60
Wheel or Trencher - 10" Plastic / foot	$2.27	12	$6.94	$0.29	$2.00	$1.73	$4.00	$0.54
Wheel or Trencher - 12" Plastic / foot	$2.85	11	$8.36	$0.40	$2.50	$2.09	$4.94	$0.76
Wheel - 15" Plastic (including outlet cart) / foot	$4.33	5	$10.00	$1.15	$2.00	$3.96	$8.29	$0.37
Wheel - 18" Plastic (including outlet cart) / foot	$4.93	5	$12	$1	$2.50	$4.56	$9.49	$0.37
Excavator / hour	$136.20	27	$200.00	$80.00	$150.00	$34.05	$170.25	$102.16
Backhoe / hour	$112.69	27	$200.00	$50.00	$122.50	$41.07	$153.76	$71.61
Trench closing /hour *if not included in cost above	$134.00	5	$300.00	$20.00	$110.00	$102.86	$236.86	$31.14
Typical Depth of Tile Installation in inches	33	40	42	21	34	5	37	28
Typical Lateral Spacing in feet	36	40	60	20	35	11	46	25
Drainage Materials - Perforated plastic tile								
4" Plastic / foot	$0.38	36	$0.47	$0.32	$0.38	$0.03	$0.41	$0.34
6" Plastic / foot	$1.01	21	$1.20	$0.45	$1.01	$0.17	$1.18	$0.84
8" Plastic / foot	$1.95	17	$2.62	$1.58	$1.83	$0.26	$2.20	$1.69
10" Plastic / foot	$3.43	11	$5.43	$2.75	$3.20	$0.76	$4.20	$2.67
12" Plastic / foot	$4.52	9	$6.65	$3.75	$4.00	$0.98	$5.49	$3.54

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Operation						Standard	Statistical Range[2]	
Drainage Materials - Perforated plastic tile	**Average**	**Responses**	**Max**	**Min**	**Median**	**Deviation[1]**	**High**	**Low**
15" Plastic / foot - 20' pieces	$7.72	7	$9.25	$6.76	$7.00	$1.01	$8.73	$6.70
18" Plastic / foot - 20' pieces	$11.24	6	$12.00	$10.50	$11.28	$0.49	$11.74	$10.75
24" Plastic / foot - 20' pieces	$17.70	4	$20.00	$16.00	$17.40	$2.02	$19.72	$15.68
Cutting Waterways / feet	$7.25	4	$10.00	$2.50	$8.25	$3.57	$10.82	$3.68
Miscellaneous								
Bush Hogging / acre	$25.33	12	$80.00	$10.00	$20.00	$19.26	$44.59	$6.08
Bush Hogging / hour	$99.06	16	$200.00	$20.00	$90.00	$62.91	$161.97	$36.15
Income Tax Preparation / hour	$245.71	7	$500.00	$100.00	$200.00	$128.30	$374.02	$117.41
OR Income Tax Preparation / return	$921.90	21	$2,600.00	$45.00	$730.00	$665.26	$1,587.17	$256.64
OR Annual Farm Account Summary & Tax Prep / return	$1,412.89	9	$3,766.00	$250.00	$700.00	$1,447.15	$2,860.04	($34.26)
Bulldozing / hour	$164.64	14	$300.00	$75.00	$150.00	$58.26	$222.90	$106.38
Bulldozing - Size of Blade (feet)	10	12	13	8	10	1	11	8
Track Hoe - Cleaning Ditches / hour	$177.35	17	$330.00	$80.00	$150.00	$67.27	$244.62	$110.08
Clearing Land / hour	$208.85	13	$500.00	$100.00	$150.00	$117.51	$326.36	$91.33
Remove Snow - loader / hour	$170.83	6	$350.00	$35.00	$135.00	$111.73	$282.57	$59.10
Remove Snow - blade / hour	$154.17	6	$350.00	$25.00	$125.00	$124.92	$279.08	$29.25
Hauling Livestock / mile	$3.19	4	$5.00	$2.25	$2.75	$1.25	$4.44	$1.94
Soil Testing / sample	$15.86	7	$25.00	$10.00	$15.00	$5.34	$21.19	$10.52
Grid Soil Sampling / acre	$8.55	10	$12.00	$5.00	$9.00	$2.57	$11.12	$5.98
Average Grid Size in acres	4.3	9	10.0	1.0	5.0	2.6	6.9	1.7
Machinery/Building Rental								
Tractor / horsepower / hour	$0.41	12	$0.80	$0.10	$0.35	$0.19	$0.60	$0.22
Grain Drill / acre	$13.20	6	$20.00	$6.00	$12.50	$5.15	$18.32	$8.01
Grain Drill Width in feet	18.3	6	40.0	10.0	15.0	10.8	29.1	7.5
Bobcat or Skidsteer Loader / day	$258.75	6	$500.00	$80.00	$273.75	$148.46	$407.21	$110.29
Dry Bulk Fertilizer Applicator / acre)	$7.67	9	$10.00	$4.00	$8.00	$1.87	$9.54	$5.80
Liquid Fertilizer Applicator Bar / acre	$8.50	6	$10.00	$6.00	$8.50	$1.52	$10.02	$6.98
Machinery Storage / square foot / year	$2.52	5	$6.72	$0.60	$1.77	$2.41	$4.93	$0.11

[1] Standard deviation is a measure of the variability of the survey responses. One “standard deviation” both above and below the average (mean) includes approximately two-thirds of all survey responses. [2] Statistical Range is the average +/- 1 standard deviation.

Estimating Machinery Rental Rate from Custom Rates

Below are the calculations for you to estimate machinery rental rate from the custom rate tables in the preceding pages of this fact sheet. The examples shown will be for a corn planter.

1. Multiply the custom charge (includes labor, fuel, tractor) by the percent* of the custom charge for other associated costs such as interest, insurance, depreciation, and repairs.

   custom charge × percent of custom charge = machinery rental rate

   ** For the percent of custom charge, use:*
   65% for tillage or 75% for planting and harvesting

   Example: From the 2024 custom rate tables above, the rate for a planter (corn planter with fertilizer application) (with tractor) is $24.77/acre. The percent of custom charge for other associated costs is 75% for planting and harvesting.

   custom charge × percent of custom charge = machinery rental rate

   $24.77/acre × 75% = $18.58/acre

2. Calculate the tractor rental value if the tractor is not included in the estimate from a custom operator. Multiply the amount of horse power(HP) by the rental rate per horse-power hour (HP-hour). Divide the product by the acres covered per hour.

   (HP × per HP-hour rental rate) ÷ acres/hour = tractor rental rate

   Example: A 310 HP tractor with a $0.35 per HP-hour rental rate taken from the above 2024 custom rate tables. The tractor (w/planter) will cover 18.7 acres per hour.

   (HP × per HP-hour rental rate) ÷ acres/hour = tractor rental rate
   (310 HP × $0.35) ÷ 18.7 acres/hour = $5.80/acre

3. From the machinery rental rate, subtract the tractor rental rate (#1 minus #2):

   machinery rental rate – tractor rental rate = implement rental value

   $18.58/acre – $5.80/acre = $12.78/acre

We would like to thank all the respondents who made time to complete the survey and the Extension Educators and staff who helped collect the data.