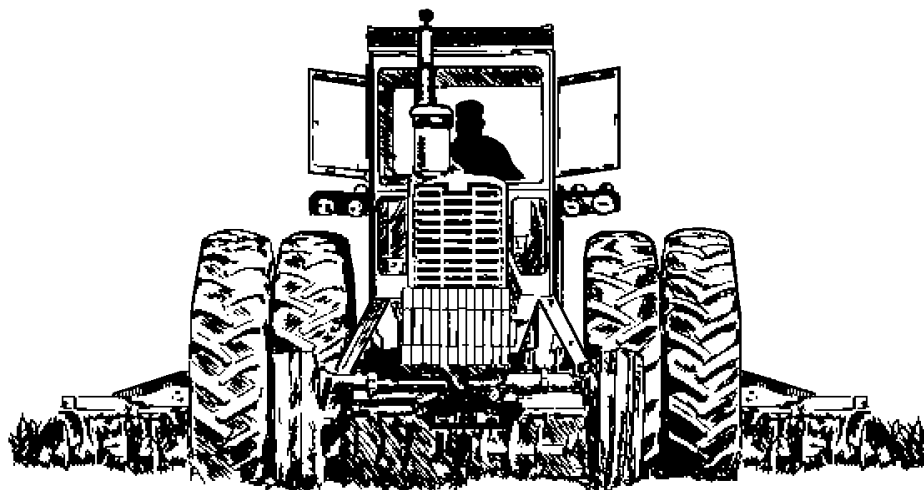


Pennsylvania's

2000 Machinery Custom Rates

PASS-129



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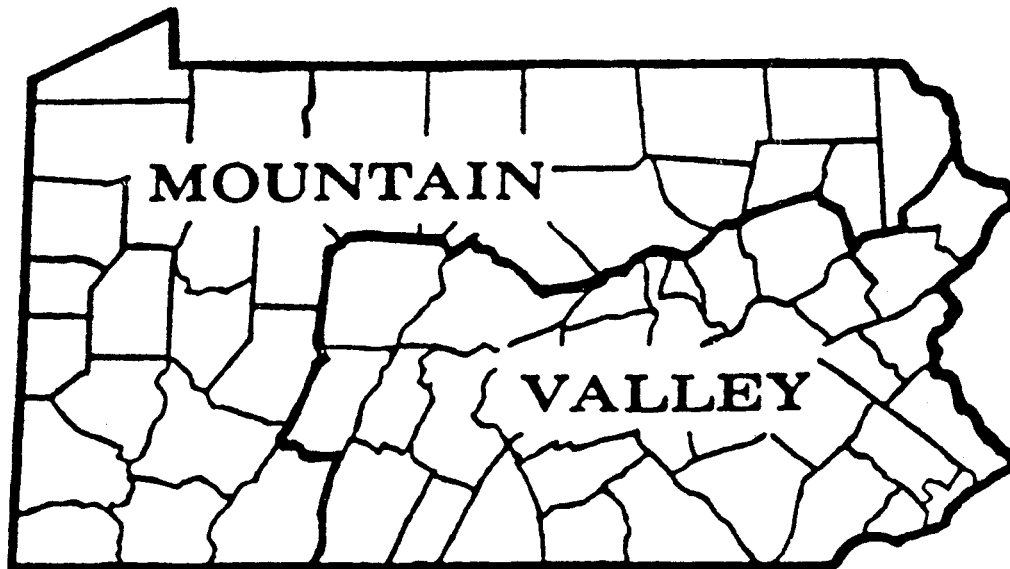
Machinery Custom Rates

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The custom rates shown are averages from voluntary reports by custom operators and farmers throughout Pennsylvania. Most of the rates are stated per acre, cwt., ton, bale, or bushel rather than per hour to reduce the variation due to machinery size. Individual rates vary due to differences in working conditions, services performed, or even the operator's eagerness to do custom work. Therefore, the average rates shown should not be considered absolute indications of fair charges.

Acreage rates are shown separately for two regions of the state, labeled "**Mountain**" and "**Valley**". The differences in rates between regions reflect differences in terrain, soils and alternative opportunities for the labor and equipment used. Figures labeled "**State**" represent the straight average of all reports used regardless of geographic location.

Of the 72 rates reported with year-to-year comparisons, 53 increased, 10 decreased, and 9 are the same as last year. The overall average is up 3 percent from the previous year. This percentage increase was computed by adding the rates for all jobs, regardless of basis of charge, and dividing by last year's comparable total.



Custom Rates: Selected Farming Operations, Pennsylvania, 2000

Job	Basis of Charge	Mountain Section	Valley Section	State
----- Harvesting -----				
Corn Picking	Acre	23.00	21.80	22.30
Corn Combining	Acre	25.70	24.40	24.70
Corn Drying (23 Percent)	Bushel	0.29	0.29	0.29
Combining Small Grains	Acre	23.50	23.20	23.30
Combining Soybeans	Acre	25.50	24.60	24.80
Hay Making:				
Mowing	Acre	10.20	9.70	9.90
Mowing & Conditioning	Acre	11.60	11.50	11.50
Raking	Acre	6.20	5.80	6.00
Pick-up Baling (Twine)	Bale	0.42	0.39	0.40
Cut, Rake, Bale & Store	Bale	1.10	1.00	1.00
Large Round Baler (Avg. = 900 Lbs)	Bale	6.80	6.00	6.30
Stacker-Wagon (Avg. = 1800 Lbs)	Stack	14.90	14.90	14.90
Wrapping Bales	Bale	5.20	5.00	5.10
Silage Making:				
Pull-Type Chopper & Tractor	Hour	46.50	47.60	47.40
Self-Propelled Chopper	Hour	69.50	95.80	92.70
Blower	Hour	8.50	8.70	8.60
1 Man, 2 Wagons, 1 Tractor	Hour	36.30	36.50	36.40
2 Men, 2 Wagons, 2 Tractors	Hour	57.90	58.00	58.00
Field Chop, Haul & Fill Silo	Ton	8.00	6.20	6.70
Bagging Silage	Foot	5.10	4.40	4.50
----- Plowing & Cultivating -----				
Plowing, Moldboard Plow:				
Spring, Stubble	Acre	12.10	12.30	12.20
Sod	Acre	13.40	13.10	13.30
Fall, Stubble	Acre	12.40	12.20	12.30
Sod	Acre	13.80	13.20	13.40
Plowing, Deep (10 Inches or More)	Acre	14.20	15.20	15.00
Plowing, Chisel	Acre	12.40	12.10	12.20
Plowing, Disk	Acre	12.80	12.10	12.30
Disking, Tandem	Acre	11.10	11.00	11.00
With Harrow or Cultipacker	Acre	12.50	12.60	12.50
Harrowing:				
Spike Tooth	Acre	9.10	8.50	8.80
Spring Tooth	Acre	8.90	9.40	9.20
Cultivating	Acre	8.80	9.30	9.00
----- Planting & Drilling -----				
Planting Corn With Fertilizer:				
Conventional-Till	Acre	12.10	13.10	12.80
Reduced-Till	Acre	13.70	14.10	13.90
No-Till	Acre	15.00	15.00	15.00
Planting Soybeans, Without Fertilizer:				
Conventional-Till	Acre	10.50	12.70	12.20
Reduced-Till	Acre	13.40	14.20	14.00
No-Till	Acre	14.60	15.40	15.40
Drilling Small Grain:				
Without Fertilizer	Acre	9.90	12.40	11.80
With Fertilizer	Acre	11.50	12.80	12.40
With Fertilizer & Cloverseed	Acre	12.20	13.60	13.10
Seeding Alfalfa, Clover, Etc.	Acre	11.30	13.50	12.90

**Custom Rates: Selected Farming Operations,
Pennsylvania, 2000, Continued**

Job	Basis of Charge	Mountain Section	Valley Section	State
----- Planting & Drilling (Continued) -----				
Broadcast Seeding (<i>On Grain Fields</i>)	Acre	6.50	7.70	7.20
Cleaning Grain Seed:				
With Treatment	Bushel	0.86	1.00	0.96
Without Treatment	Bushel	0.61	0.76	0.69
----- Spraying -----				
Ground Equipment:				
Spraying for Weed Control:				
Excluding Material	Acre	7.90	7.10	7.30
Spraying for Corn Borer:				
Including Cost of Material	Acre	12.10	12.00	12.00
Excluding Cost of Material	Acre	7.60	7.20	7.30
Spraying for Spittle Bug or Alfalfa Weevil:				
Including Cost of Material	Acre	12.70	11.60	11.70
Excluding Cost of Material	Acre	7.20	7.10	7.10
Aerial Application (<i>Excluding Material</i>):				
Fixed Wing	Acre	9.20	9.70	9.50
Helicopter	Acre	10.40	8.20	8.70
----- Miscellaneous -----				
Grain Hauling:				
Local	Bushel	0.15	0.13	0.13
Long Distance	Bushel	0.32	0.25	0.27
Grain Storage	Bushel Per Month	0.04	0.04	0.04
Stalk Shredding, P.T.O.	Acre	9.30	8.90	9.00
Spreading Bulk Fertilizer:				
Dry	Acre	5.80	5.80	5.80
Liquid	Acre	6.90	7.10	7.00
Side Dressing	Acre	6.70	7.10	7.00
Grinding Feed:				
Corn, Oats or Barley	Hundredweight	0.76	0.57	0.65
Corn & Cobs	Hundredweight	0.69	0.58	0.67
Cobs	Hundredweight	0.65	0.57	0.61
Additional Charge for Mixing	Hundredweight	0.35	0.27	0.30
Machine Tiling (<i>No Tile</i>)	Foot	0.67	0.61	0.64
Back Hoe	Hour	41.40	44.20	43.00
Sawing Wood, Chain Saw	Hour	15.40	15.30	15.40
Post Hole Digging	Hole	1.60	1.50	1.50
Manure Loading, <i>Solid</i>	Hour	30.50	33.10	32.10
Manure Spreading, <i>Solid</i>	Hour	27.00	29.00	28.10
Manure Pumping	Hour	25.40	20.10	22.00
Manure Spreading, <i>Liquid</i>	Hour	36.70	45.60	43.80
Bulldozing (<i>Avg. H.P. 100</i>)	Hour	58.40	59.60	59.20

N/A = Insufficient Data