



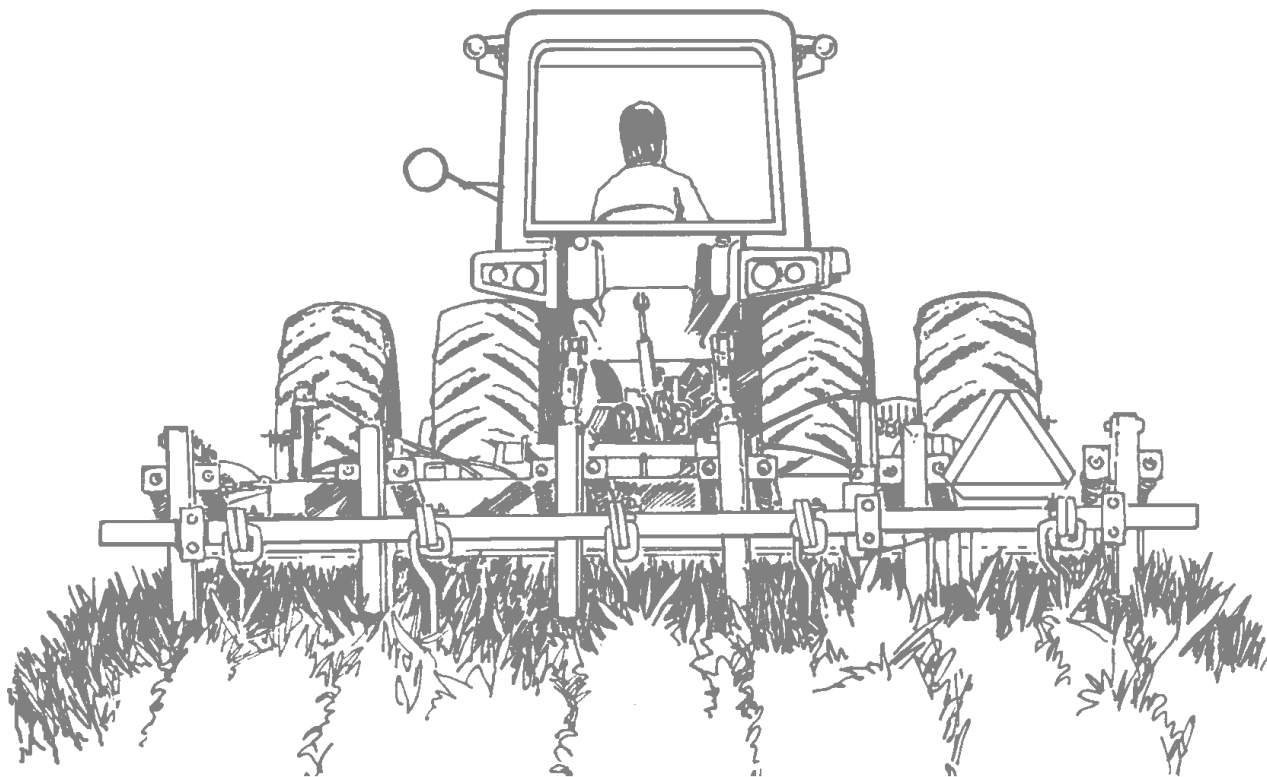
**Pennsylvania Agricultural Statistics Service**  
2301 North Cameron Street, Room G-19  
Harrisburg, PA 17110-9405  
*Marc Tosiano, State Statistician*

717-787-3904  
Fax: 717-782-4011  
nass-pa@nass.usda.gov  
www.usda.gov/nass

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# *Pennsylvania's*

## 2002 Machinery Custom Rates



# Pennsylvania Machinery Custom Rates 2002

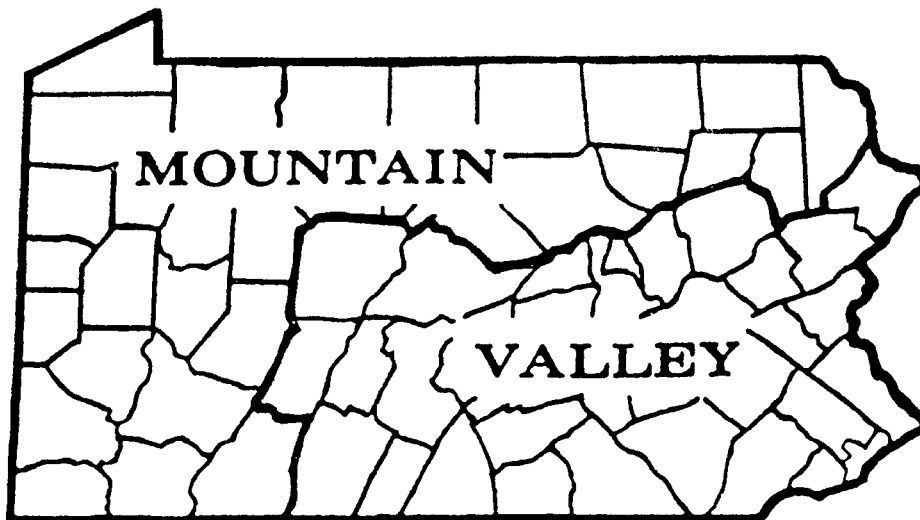
By Scott W. Shimmin & Eric D. Stout  
Agricultural Statisticians

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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 70 rates reported with year-to-year comparisons, 44 increased, 20 decreased, and 6 are the same as last year. The overall average is up 9 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. By excluding the increase for self-propelled chopper, the recalculated overall average results in a 4 percent increase.



## Custom Rates: Selected Farming Operations, Pennsylvania, 2002

Job	Basis of Charge	Mountain Section (Dollars)	Valley Section (Dollars)	State (Dollars)
<b>----- Harvesting -----</b>				
Corn Picking .....	Acre	22.30	21.90	22.10
Corn Combining .....	Acre	26.20	24.60	25.00
Corn Drying (23 Percent) .....	Bushel	0.29	0.25	0.27
Combining Small Grains .....	Acre	24.50	23.90	24.10
Combining Soybeans .....	Acre	26.30	24.80	25.10
Hay Making:				
Mowing .....	Acre	10.30	10.60	10.50
Mowing & Conditioning .....	Acre	11.20	11.80	11.50
Raking .....	Acre	7.70	5.80	6.40
Pick-up Baling (Twine) .....	Bale	0.45	0.44	0.44
Cut, Rake, Bale & Store .....	Bale	1.20	1.10	1.10
Large Round Baler (Avg. = 950 Lbs) ....	Bale	6.80	6.20	6.40
Wrapping Bales .....	Bale	5.40	5.00	5.20
Silage Making:				
Pull-Type Chopper & Tractor .....	Hour	58.30	63.20	60.90
Self-Propelled Chopper .....	Hour	138.80	136.60	137.20
Blower .....	Hour	10.20	9.90	10.00
1 Man, 2 Wagons, 1 Tractor .....	Hour	41.80	44.50	43.20
2 Men, 2 Wagons, 2 Tractors .....	Hour	62.50	64.50	63.50
Field Chop, Haul & Fill Silo .....	Ton	6.70	5.00	5.70
Bagging Silage .....	Foot	8.70	3.40	5.00
<b>----- Plowing &amp; Cultivating -----</b>				
Plowing, Moldboard Plow:				
Spring, Stubble .....	Acre	12.00	12.70	12.40
Sod .....	Acre	13.00	14.10	13.50
Fall, Stubble .....	Acre	11.80	12.80	12.30
Sod .....	Acre	12.70	14.10	13.40
Plowing, Deep (10 Inches or More) .....	Acre	13.50	15.50	14.70
Plowing, Chisel .....	Acre	11.80	12.50	12.30
Plowing, Disk .....	Acre	12.40	12.30	12.40
Disking, Tandem .....	Acre	11.40	11.20	11.30
With Harrow or Cultipacker .....	Acre	12.50	12.60	12.50
Harrowing:				
Spike Tooth .....	Acre	9.40	8.30	8.70
Spring Tooth .....	Acre	9.90	9.20	9.50
Cultivating .....	Acre	9.10	9.10	9.10
<b>----- Planting &amp; Drilling -----</b>				
Planting Corn With Fertilizer:				
Conventional-Till .....	Acre	12.80	13.90	13.60
Reduced-Till .....	Acre	14.90	14.50	14.60
No-Till .....	Acre	15.80	15.80	15.80
Planting Soybeans, Without Fertilizer:				
Conventional-Till .....	Acre	11.60	13.80	13.30
Reduced-Till .....	Acre	15.20	15.10	15.10
No-Till .....	Acre	16.00	15.80	15.80
Drilling Small Grain:				
Without Fertilizer .....	Acre	11.20	13.10	12.70
With Fertilizer .....	Acre	11.40	13.40	12.50
With Fertilizer & Cloverseed .....	Acre	13.40	13.70	13.50
Seeding Alfalfa, Clover, Etc. ....	Acre	11.70	14.30	13.60

**Custom Rates: Selected Farming Operations,  
Pennsylvania, 2002, Continued**

Job	Basis of Charge	Mountain Section (Dollars)	Valley Section (Dollars)	State (Dollars)
<b>----- Planting &amp; Drilling (Continued) -----</b>				
Broadcast Seeding ( <i>On Grain Fields</i> ) . . . . .	Acre	6.80	8.00	7.40
Cleaning Grain Seed:				
With Treatment . . . . .	Bushel	0.93	1.19	1.08
Without Treatment . . . . .	Bushel	0.56	0.69	0.64
<b>----- Spraying -----</b>				
Ground Equipment:				
Spraying for Weed Control:				
Excluding Material . . . . .	Acre	8.10	7.50	7.70
Spraying for Corn Borer:				
Including Cost of Material . . . . .	Acre	13.50	11.80	12.70
Excluding Cost of Material . . . . .	Acre	8.60	6.90	7.50
Spraying for Spittle Bug or Alfalfa Weevil:				
Including Cost of Material . . . . .	Acre	12.80	11.80	12.30
Excluding Cost of Material . . . . .	Acre	7.80	6.90	7.40
Aerial Application ( <i>Excluding Material</i> ):				
Fixed Wing . . . . .	Acre	9.90	10.10	10.00
Helicopter . . . . .	Acre	11.30	8.80	8.80
<b>----- Miscellaneous -----</b>				
Grain Hauling:				
Local . . . . .	Bushel	0.15	0.14	0.14
Long Distance . . . . .	Bushel	0.32	0.25	0.29
Grain Storage . . . . .	Bushel Per Month	0.05	0.04	0.05
Stalk Shredding, P.T.O. . . . .	Acre	9.90	9.10	9.20
Spreading Bulk Fertilizer:				
Dry . . . . .	Acre	5.90	5.80	5.80
Liquid . . . . .	Acre	8.00	7.40	7.60
Side Dressing . . . . .	Acre	7.50	7.70	7.60
Grinding Feed:				
Corn, Oats or Barley . . . . .	Hundredweight	0.65	0.64	0.64
Corn & Cobs . . . . .	Hundredweight	0.74	0.69	0.72
Cobs . . . . .	Hundredweight	0.78	0.63	0.71
Additional Charge for Mixing . . . . .	Hundredweight	0.40	0.31	0.36
Machine Tiling ( <i>No Tile</i> ) . . . . .	Foot	0.64	0.82	0.73
Back Hoe . . . . .	Hour	43.60	48.20	46.10
Sawing Wood, Chain Saw . . . . .	Hour	15.50	14.60	15.10
Post Hole Digging . . . . .	Hole	1.70	1.70	1.70
Manure Loading, <i>Solid</i> . . . . .	Hour	33.90	36.50	35.20
Manure Spreading, <i>Solid</i> . . . . .	Hour	31.50	34.00	32.80
Manure Pumping . . . . .	Hour	27.30	20.10	22.00
Manure Spreading, <i>Liquid</i> . . . . .	Hour	45.60	54.60	50.00
Bulldozing ( <i>Avg. H.P. 110</i> ) . . . . .	Hour	61.30	68.60	64.70