

Custom Farm Work Rates

■ ■ ■ ■ on North Dakota Farms, 2007, by North Dakota Farming Regions

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The U.S. Department of Agriculture's North Dakota Agricultural Statistics Service, Fargo, in cooperation with the North Dakota State University Extension Service and North Dakota Agricultural Experiment Station, conducted a survey of custom operators in North Dakota in 2007. Survey data for 2007 is summarized for the state as a whole and by four farming regions. This publication shows the number of reports, range in rates, most frequently reported rate and average rate for each operation. For some operations, data are not broken down by regions.

Custom rates include charges for the equipment, tractor or power unit used, fuel, repairs and operator. Rates vary because of supply and demand and costs of custom operators. Exchange work between farms is not considered custom work. However, some of the low rates may represent charges by a farmer who did custom work for a neighbor. Custom operators who perform these operations as a main source of income likely would trend toward the higher rates in the range to cover operating costs and a return on investment, labor and management.

These rates are published as a guide in establishing rates for custom work, comparing ownership or leasing costs for custom work, and for settling accounts when two or more people swap work.

Assistance in helping determine a fair custom rate may be obtained from county Extension agents or Extension Service specialists at North Dakota State University.

New for 2007

Data was collected for on-farm grain bin storage annual rental rates and annual rental rates for machine shed

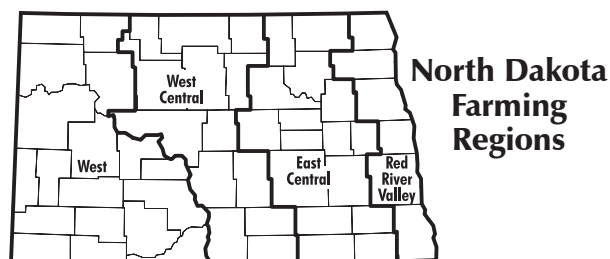
rental. The 2007 survey also includes data on the price producers paid for diesel fuel. This question was included on both the early and late-season surveys. The custom rate survey is conducted every third year. Having a reference cost for fuel will assist users in determining if any adjustments should be made between surveys.

Custom Rates Compared With Ownership and Operating Costs

Custom rates should not be confused with the cost of owning and operating farm machinery. Presumably, custom rates are set with knowledge of the true cost of owning and operating machinery. In practice, this is not always the case. For example, the average custom rate reported for field cultivation is \$6.96, while an economic engineering approach suggests a cost of \$4.49 per acre. Likewise, the average custom rate for combining soybeans is \$21.31, while the cost estimate is \$25.45.

Custom rates represent a market-derived price. They reflect the supply of and demand for the services rendered, which include the use of the machine, power, fuel, repairs and operator. Custom rates are to machinery services as market prices are to commodities. Custom rates may deviate from the cost of machinery ownership and operation, just as the market price for commodities deviates from the cost of producing the commodity.

Ownership and operation costs represent an accounting of all the resources used. These costs include depreciation, interest, repairs, fuel, taxes, insurance, housing and labor. Supply and demand will impact the price paid for machinery, which then will affect the ownership costs. However, once a machine has been purchased, the ownership cost becomes fixed relative to the life of that machine.



NDSU
Extension Service

North Dakota State University
Fargo, North Dakota 58105

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Land Tillage, Small-grain Seeding and Row-crop Planting
Statewide Averages, North Dakota, 2007

Operation	2007				2004 Average Rate	2007 as Percent of 2004
	Number of Reports	Range in Rates	Most Frequent Rate Reported	Average Rate		
	<i>Number</i>	<i>\$/Gallon</i>	<i>\$/Gallon</i>	<i>\$/Gallon</i>	<i>\$/Gallon</i>	<i>Percent</i>
DIESEL FUEL	1,767	1.65-3.80	2.50	2.64	NA	NA
	<i>Number</i>	<i>\$/Acre</i>	<i>\$/Acre</i>	<i>\$/Acre</i>	<i>\$/Acre</i>	<i>Percent</i>
LAND TILLAGE						
Primary Tillage (Deep)						
Plowing (Moldboard)	56	3.00-18.00	8.00	9.65	8.44	114
Sod Breaking	40	3.00-20.00	10.00	11.24	9.34	120
Heavy Disking	97	2.00-20.00	10.00	9.11	6.66	137
Chisel Plowing	139	1.50-17.00	8.00	8.01	5.99	134
Subsoiling (16-20 inches deep)	53	6.00-45.00	12.00	13.25	10.30	129
Disk/chisel Plowing	76	5.00-25.00	8.00	9.13	7.12	128
Secondary Tillage (Shallow)						
Field Cultivation	135	3.00-15.00	6.00	6.96	5.15	135
One-way Disking	61	3.50-15.00	10.00	8.02	6.01	133
Tandem Disking	94	3.50-16.00	8.00	8.34	6.29	133
Rod Weeder	29	2.50-16.00	6.00	7.50	5.11	147
Rotary Hoe	52	2.00-14.00	6.00	6.20	4.15	149
Land Rolling	217	1.00-12.00	3.00	4.42	3.98	111
Light Harrowing	91	1.00-12.00	5.00	4.79	3.42	140
Heavy Harrowing	119	1.00-14.00	5.00	5.16	4.19	123
Row-crop Cultivation	60	2.00-14.00	8.00	6.68	4.87	137
SMALL-GRAIN SEEDING						
With Fertilizer						
Regular Drilling	122	4.00-20.00	10.00	10.32	7.95	130
Drilling and Tillage	90	4.50-25.00	10.00	12.21	9.55	128
Pony Press Drill	28	3.34-20.00	8.00	11.80	8.94	132
Air Seeding	306	3.00-25.00	12.00	12.24	9.98	123
No-till Drill	302	2.00-30.00	12.00	12.73	10.65	120
Without Fertilizer						
Regular Drilling	115	2.50-20.00	10.00	9.53	7.18	133
Drilling and Tillage	78	4.50-20.00	10.00	11.29	8.69	130
Pony Press Drill	29	4.50-20.00	10.00	11.60	8.64	134
Air Seeding	247	3.00-25.00	12.00	11.46	9.49	121
No-till Drill	246	5.00-20.00	12.00	12.14	10.26	118
ROW-CROP PLANTING						
With Fertilizer						
Corn, Soybean, Sunflower (Regular)	147	4.00-25.00	12.00	11.89	8.93	133
Corn, Soybean, Sunflower (Air Seed)	131	3.00-25.00	12.00	12.60	10.10	125
Dry Edible Beans	67	3.00-22.00	12.00	12.92	9.32	139
Sugar Beet	18	8.50-25.00	12.00	14.78	10.43	142
Without Fertilizer						
Corn, Soybean, Sunflower (Regular)	147	4.00-25.00	12.00	10.85	8.12	134
Corn, Soybean, Sunflower (Air Seed)	115	3.00-18.00	12.00	11.47	9.53	120
Dry Edible Beans	64	4.00-20.00	12.00	11.97	8.79	136
Sugar Beet	17	3.00-25.00	20.00	14.44	9.00	160
No-till With Fertilizer						
Corn, Soybean, Sunflower	180	1.50-35.00	12.00	13.23	10.16	130
No-till Without Fertilizer						
Corn, Soybean, Sunflower	151	4.00-25.00	12.00	12.73	9.57	133

NA = Not Available

Fertilizer and Pesticide Application and Haying Operations
Statewide Averages, North Dakota, 2007

Operation	2007				2004 Average Rate	2007 as Percent of 2004
	Number of Reports	Range in Rates	Most Frequent Rate Reported	Average Rate		
	<i>Number</i>	<i>\$/Acre</i>	<i>\$/Acre</i>	<i>\$/Acre</i>	<i>\$/Acre</i>	<i>Percent</i>
FERTILIZER APPLICATION						
Dry Fertilizer						
Broadcast	588	1.00-15.00	4.50	4.54	3.87	117
Deep Banded	118	3.50-15.39	8.00	8.93	6.23	143
Liquid Fertilizer	186	1.00-20.00	4.50	5.35	4.42	121
Anhydrous Ammonia						
With Knife Applicator	190	2.00-25.00	6.00	7.62	6.12	125
While Chiseling	141	2.00-25.00	10.00	8.76	6.61	133
PESTICIDE APPLICATION						
By Surface Vehicles						
Herbicides						
Broadcast, Liquid	795	2.00-26.00	4.50	4.69	4.07	115
Dry	206	3.00-25.00	5.00	4.83	4.04	120
Incorporated, Liquid	157	3.00-25.00	4.50	6.08	4.91	124
Dry	88	3.00-20.00	4.50	6.34	5.11	124
Insecticides						
Broadcast, Liquid	407	2.00-20.00	4.50	4.77	4.11	116
Dry	121	2.00-25.00	5.00	5.11	4.18	122
Incorporated, Liquid	106	3.00-20.00	4.50	5.82	4.80	121
Dry	53	4.00-25.00	4.00	6.64	4.99	133
Fungicides	435	3.00-20.00	4.50	4.81	4.19	115
Desiccants	282	3.00-20.00	5.00	4.87	4.21	116
By Aircraft (All Pesticides)						
1 Gallon	174	1.00-14.00	6.00	5.74	4.65	123
2-3 Gallons	266	2.25-14.00	6.00	5.78	4.76	121
4-5 Gallons	326	4.00-16.00	6.00	6.07	4.98	122
More than 5 Gallons	192	2.50-15.00	5.50	6.28	5.29	119
HAYING OPERATIONS						
Mowing and Raking						
Mowing	108	1.50-16.00	8.00	6.88	5.37	128
Mowing and Conditioning	171	3.00-20.00	10.00	8.95	7.14	125
Swathing	143	1.75-15.00	8.00	7.88	6.01	131
Raking	95	0.75-8.00	3.00	3.88	3.47	112
Baling (Wire or Twine Included)						
		<i>\$/Bale</i>	<i>\$/Bale</i>	<i>\$/Bale</i>	<i>\$/Bale</i>	
Small Square Bales, 250 lbs or less	67	0.20-6.00	1.00	1.26	1.03	122
Large Square Bales, more than 250 lbs	60	2.50-15.00	5.00	7.55	5.91	128
Round Bales, 1,500 lbs or less	282	1.00-25.00	6.00	6.98	6.25	112
Round Bales, more than 1,500 lbs	252	1.00-30.00	8.00	8.00	7.03	114

OTHER CUSTOM WORK AND HISTORICAL DATA

OTHER CUSTOM WORK, STATEWIDE AVERAGES, NORTH DAKOTA, 2007

Operation	2007				2004	2007 as
	Number of Reports	Range in Rates	Most Frequent Rate Reported	Average Rate	Average Rate	Percent of 2004
	Number	\$/Head	\$/Head	\$/Head	\$/Head	Percent
Branding Calves	56	0.50- 7.00	1.00	2.13	1.71	125
Shearing Sheep	59	0.70- 5.00	2.50	2.69	2.33	115
Custom Feeding Livestock		\$/Head/Day	\$/Head/Day	\$/Head/Day	\$/Head/Day	
Weaned Calves	106	0.30- 6.00	1.00	1.27	1.23	103
Yearlings and Cull Cows	100	0.35- 5.00	1.00	1.37	1.42	96
Wintering Pregnant Beef Cows	123	0.47- 4.00	1.00	1.34	1.48	91
Calving Out Cows	80	0.33- 10.00	1.00	1.95	2.17	90
On-Farm Feed Grinding & Mixing		\$/Ton	\$/Ton	\$/Ton	\$/Ton	
Mobile Truck	26	2.50- 30.00	5.00	11.50	16.07	72
PTO Unit	24	0.50- 80.00	5.00	17.64	12.13	145
Tub Grinding Hay		\$/Hour	\$/Hour	\$/Hour	\$/Hour	
Farmer Supplies Power	22	10.00-150.00	50.00	77.00	63.93	120
Power Supplied	68	25.00-200.00	125.00	107.43	89.76	120
Self Contained Unit	217	45.00-250.00	100.00	120.44	95.74	126
Pneumatic Handling of Grain	214	\$/Bushel	\$/Bushel	\$/Bushel	\$/Bushel	
		0.01-0.60	0.05	0.10	0.08	125
Post Hole Digging		\$/Hole	\$/Hole	\$/Hole	\$/Hole	
Digging	87	0.50-20.00	5.00	4.60	2.64	174
Building Multi-Strand Wire Fence (No Supplies Included)		\$	\$	\$	\$	
Per Rod	38	1.00-38.40	8.00	8.94	6.28	142
Per Hour	42	8.00-80.00	15.00	23.71	15.51	153
Loader Work		\$/Hour	\$/Hour	\$/Hour	\$/Hour	
Skid-Steer Loader	292	8.00-125.00	50.00	44.29	36.07	123
Tractor Loader	211	2.00-120.00	50.00	44.82	38.22	117
Industrial Loader	269	15.00-150.00	75.00	75.52	65.26	116

HISTORICAL DATA, STATEWIDE AVERAGES, NORTH DAKOTA, 1984 - 2007

Operation	1984	1986	1989	1992	1995	1998	2001	2004	2007
	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre
Plowing (Moldboard)	6.18	6.25	6.19	6.43	6.78	7.48	7.22	8.44	9.65
Chisel Plowing	5.03	4.96	4.68	4.51	4.93	5.41	5.47	5.99	8.01
Field Cultivation	3.81	3.63	3.70	3.81	4.13	4.40	4.85	5.15	6.96
Small Grain Drilling									
Regular, With Fertilizer	4.54	4.78	4.76	5.28	6.00	6.48	7.30	7.95	10.32
Regular, Without Fertilizer	4.40	4.44	4.53	4.76	5.44	6.27	6.38	7.18	9.53
Air Seeding ¹	4.82	5.46	5.27	6.29	7.36	7.92	8.50	9.49	11.46
No-Till Drilling ¹	6.19	7.06	7.08	8.02	8.60	9.00	9.19	10.26	12.14
Fertilizer Application									
Dry Fertilizer (Broadcast)	2.44	2.29	2.42	2.66	2.95	3.27	3.64	3.87	4.54
Liquid Fertilizer	3.23	3.10	3.18	3.33	3.44	3.70	4.49	4.42	5.35
Anhydrous Ammonia									
With Knife Applicator	4.20	4.35	4.14	4.16	4.66	5.11	5.33	6.12	7.62
While Chiseling	4.95	4.90	4.92	5.09	5.38	5.79	6.32	6.61	8.76
Ground Application of:									
Liquid Herbicides (Broadcast)	2.19	2.02	2.21	2.48	2.85	3.32	3.89	4.07	4.69
Liquid Insecticides (Broadcast)	2.23	2.27	2.37	2.65	2.88	3.38	3.93	4.11	4.77
Haying									
Mowing and Conditioning	5.10	5.28	5.55	6.15	6.77	6.76	7.06	7.14	8.95
Swathing	4.26	4.11	4.21	4.53	4.89	5.31	5.72	6.01	7.88
Raking	2.04	2.28	2.36	2.29	2.60	2.54	2.90	3.47	3.88
Post Holes	\$/Hole	\$/Hole	\$/Hole	\$/Hole	\$/Hole	\$/Hole	\$/Hole	\$/Hole	\$/Hole
Digging	1.65	1.96	1.71	1.90	1.82	2.38	2.49	2.64	4.60

¹ Without Fertilizer

Farming Region Averages, North Dakota, 2007

Region	Moldboard Plowing				Heavy Disking				Chisel Plowing			
	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate
		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre
W	14	3.00-13.00	8.00	8.43	18	6.00-15.00	8.00	9.13	24	3.00-17.00	8.00	8.19
WC	6	6.50-18.00	NA	10.92	20	2.00-13.00	6.00	8.55	21	1.50-12.00	7.00	7.07
EC	26	4.00-18.00	8.00	9.87	46	4.00-20.00	10.00	9.27	68	3.00-16.00	10.00	7.70
RRV	10	6.00-15.00	6.00	10.05	13	4.50-18.00	8.00	9.40	26	5.00-15.00	12.00	9.43
STATE	56	3.00-18.00	8.00	9.65	97	2.00-20.00	10.00	9.11	139	1.50-17.00	8.00	8.01

Region	Field Cultivation				Tandem Disking				Light Harrowing			
	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate
		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre
W	21	5.00-12.00	8.00	8.02	23	3.50-16.00	8.00	8.39	15	2.00-10.00	3.00	5.00
WC	21	3.25-11.00	6.00	7.15	13	3.50-12.00	8.00	8.35	18	1.00-10.00	3.00	4.49
EC	66	3.00-15.00	6.00	6.55	43	4.00-12.00	7.00	8.01	43	1.00-10.00	5.00	4.60
RRV	27	3.50-15.00	6.00	6.99	15	4.00-16.00	6.00	9.18	15	3.00-12.00	5.00	5.48
STATE	135	3.00-15.00	6.00	6.96	94	3.50-16.00	8.00	8.34	91	1.00-12.00	5.00	4.79

Region	Heavy Harrowing				Row-crop Cultivation				Regular Drilling With Fertilizer			
	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate
		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre
W	33	2.00-12.00	3.00	4.76	7	4.00-8.00	8.00	6.43	34	6.00-15.00	12.00	11.87
WC	26	1.00-12.00	5.00	5.02	8	4.00-12.00	6.00	6.75	23	7.00-15.00	12.00	11.13
EC	47	1.50-10.00	5.00	5.15	32	2.00-14.00	8.00	6.84	44	4.00-20.00	10.00	9.07
RRV	13	2.00-14.00	5.00	6.50	13	2.00-14.00	4.00	6.35	21	5.00-14.00	7.00	9.55
STATE	119	1.00-14.00	5.00	5.16	60	2.00-14.00	8.00	6.68	122	4.00-20.00	10.00	10.32

Region	Drilling and Tillage With Fertilizer				Air Seeding With Fertilizer				No-till With Fertilizer			
	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate
		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre
W	26	7.00-20.00	15.00	13.48	88	5.00-25.00	12.00	13.30	91	2.00-20.00	15.00	12.90
WC	16	8.00-25.00	10.00	13.38	83	7.00-17.00	12.00	12.08	85	2.00-25.00	12.00	12.37
EC	36	4.50-16.00	10.00	10.76	101	3.00-25.00	10.00	11.37	102	5.00-30.00	12.00	12.83
RRV	12	7.50-16.00	11.00	12.21	34	7.00-20.00	12.00	12.52	24	10.00-18.00	14.00	12.85
STATE	90	4.50-25.00	10.00	12.21	306	3.00-25.00	12.00	12.24	302	2.00-30.00	12.00	12.73

Region	Corn, Soybean and Sunflower Planting Without Fertilizer				Dry Fertilizer Application (Broadcast)				Liquid Fertilizer Application			
	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate
		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre
W	18	6.00-25.00	10.00	12.31	132	2.00-15.00	4.00	4.50	31	3.00-9.00	5.00	5.32
WC	36	4.00-16.00	12.00	11.31	129	3.00-7.00	4.00	4.30	44	1.00-20.00	4.50	4.94
EC	61	4.50-16.00	12.00	10.28	197	1.00-10.00	4.50	4.60	69	3.00-12.00	4.50	5.56
RRV	32	4.50-17.00	12.00	10.61	130	3.00-10.00	4.50	4.72	42	3.00-15.00	4.75	5.44
STATE	147	4.00-25.00	12.00	10.85	588	1.00-15.00	4.50	4.54	186	1.00-20.00	4.50	5.35

NA = Not Available

Farming Region Averages, North Dakota, 2007

Region	Anhydrous Ammonia With Knife Applicator				Anhydrous Ammonia With Chisel				Liquid Herbicide Application (Broadcast)			
	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate
		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre
W	48	2.00-20.00	6.00	7.46	33	3.00-25.00	6.00	8.09	193	2.00-10.00	4.00	4.47
WC	42	2.00-25.00	6.00	7.21	26	2.00-25.00	6.50	8.12	194	2.00-26.00	4.50	4.64
EC	71	2.00-16.00	6.00	7.78	55	5.00-15.00	10.00	8.81	261	3.00-12.00	4.50	4.69
RRV	29	2.00-14.00	6.00	8.09	27	5.50-16.00	8.00	10.12	147	3.00-10.00	5.00	5.02
STATE	190	2.00-25.00	6.00	7.62	141	2.00-25.00	10.00	8.76	795	2.00-26.00	4.50	4.69

Region	Liquid Insecticide Application (Broadcast)				Aerial Spraying 2 - 3 Gallons Per Acre				Aerial Spraying 4 - 5 Gallons Per Acre			
	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate
		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre
W	79	2.00-8.50	4.00	4.48	43	3.75-10.00	5.00	5.42	35	4.00-16.00	5.00	6.25
WC	94	3.00-20.00	4.50	4.69	64	2.25-14.00	5.00	5.67	73	4.00-10.00	5.50	5.91
EC	147	3.50-10.00	4.50	4.84	87	3.75-10.00	6.00	5.98	119	4.00-15.00	6.00	6.16
RRV	87	2.00-12.00	5.00	5.00	72	4.25-11.00	5.50	5.86	99	4.50-11.00	6.00	6.00
STATE	407	2.00-20.00	4.50	4.77	266	2.25-14.00	6.00	5.78	326	4.00-16.00	6.00	6.07

Region	Mowing and Conditioning Hay				Swathing Hay				Small Square Baling 250 Lbs or Less			
	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate
		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre		\$/Bale	\$/Bale	\$/Bale
W	76	3.00-15.00	10.00	8.56	75	1.75-15.00	8.00	8.06	27	0.20-6.00	0.50	1.47
WC	48	3.00-20.00	12.00	9.90	38	3.00-14.00	7.00	7.97	14	0.25-3.00	1.00	1.05
EC	33	4.00-16.00	10.00	8.67	21	4.00-12.00	4.00	7.37	16	0.40-3.00	1.00	1.20
RRV	14	3.00-12.00	12.00	8.45	9	4.00-12.00	7.00	7.22	10	0.35-3.00	1.00	1.06
STATE	171	3.00-20.00	10.00	8.95	143	1.75-15.00	8.00	7.88	67	0.20-6.00	1.00	1.26

Region	Round Baling 1,500 Lbs or Less				Round Baling More than 1,500 Lbs				Tub Grinding Self-contained Unit			
	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate
		\$/Bale	\$/Bale	\$/Bale		\$/Bale	\$/Bale	\$/Bale		\$/Hour	\$/Hour	\$/Hour
W	101	4.00-25.00	8.00	7.97	97	2.25-30.00	8.00	8.45	81	50.00-250.00	125.00	128.51
WC	75	1.00-12.00	6.00	6.57	71	4.00-20.00	8.00	7.68	75	60.00-225.00	100.00	117.67
EC	80	2.00-15.00	6.00	6.38	66	1.00-30.00	7.00	7.64	47	55.00-180.00	100.00	117.98
RRV	26	2.00-9.00	6.00	6.09	18	5.00-20.00	10.00	8.22	14	45.00-125.00	100.00	96.79
STATE	282	1.00-25.00	6.00	6.98	252	1.00-30.00	8.00	8.00	217	45.00-250.00	100.00	120.44

Region	Pneumatic Grain Handling				Skid-steer Loader				Industrial Loader			
	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate
		\$/Bushel	\$/Bushel	\$/Bushel		\$/Hour	\$/Hour	\$/Hour		\$/Hour	\$/Hour	\$/Hour
W	63	0.01-0.50	0.05	0.10	101	8.00-100.00	35.00	44.55	74	16.00-135.00	60.00	72.08
WC	47	0.02-0.60	0.10	0.10	87	10.00-120.00	30.00	44.94	98	25.00-150.00	50.00	78.23
EC	65	0.01-0.50	0.05	0.10	71	12.00-125.00	50.00	43.01	60	15.00-125.00	75.00	75.08
RRV	39	0.02-0.30	0.05	0.08	33	10.00-125.00	40.00	44.58	37	25.00-125.00	80.00	75.95
STATE	214	0.01-0.60	0.05	0.10	292	8.00-125.00	50.00	44.29	269	15.00-150.00	75.00	75.52

Harvesting Crops, Seed Preparation and Machine Rental

Statewide Averages, North Dakota, 2007

Operation	Unit	2007				2004 Average Rate	2007 as Percent of 2004
		Number of Reports	Range in Rates	Most Frequent Rate Reported	Average Rate		
		<i>Number</i>	<i>\$/Gallon</i>	<i>\$/Gallon</i>	<i>\$/Gallon</i>	<i>\$/Gallon</i>	<i>Percent</i>
Diesel Fuel		1,752	1.70-3.89	3.00	2.87	NA	NA
		<i>Number</i>	<i>\$/Unit</i>	<i>\$/Unit</i>	<i>\$/Unit</i>	<i>\$/Unit</i>	<i>Percent</i>
Harvesting Grain Crops							
Swathing Grain							
Self-propelled	Acre	175	3.00-23.00	7.00	7.79	6.21	125
	Hour	5	8.00-75.00	50.00	38.60	D	NA
Pull-type	Acre	92	3.00-25.00	7.00	7.63	5.75	133
Swathing Canola							
Self-propelled	Acre	104	3.00-25.00	7.00	7.92	7.05	112
	Hour	5	8.00-100.00	NA	47.60	D	NA
Pull-type	Acre	46	4.50-13.00	6.00	7.77	6.98	111
Combining From Swaths							
Small Grains and Flaxseed	Acre	258	10.00-38.00	20.00	20.04	16.12	124
	Hour	13	40.00-135.00	100.00	97.54	108.36	90
Dry Edible Beans	Acre	62	14.00-30.00	25.00	23.11	21.02	110
	Hour	4	95.00-200.00	NA	153.75	141.67	109
Canola	Acre	164	7.00-29.00	25.00	20.55	17.25	119
	Hour	4	95.00-120.00	NA	107.50	116.25	92
Straight Combining							
Small Grains and Flaxseed	Acre	564	12.00-41.00	20.00	20.41	16.27	125
	Hour	24	40.00-170.00	100.00	113.25	108.91	104
Corn	Acre	205	13.00-40.00	25.00	22.81	18.43	124
	Hour	8	95.00-150.00	95.00	123.75	110.00	113
Sunflower	Acre	171	10.00-32.00	20.00	20.32	16.31	125
	Hour	6	12.00-135.00	NA	86.17	124.38	69
Soybean	Acre	221	14.00-30.00	20.00	21.31	18.22	117
	Hour	13	82.00-180.00	100.00	117.08	120.75	97
Dry Edible Beans	Acre	82	14.00-35.00	25.00	23.27	19.64	118
	Hour	3	D	D	D	D	D
Dry Bean Harvesting							
Cutting Only (Knifing)	Acre	28	5.00-20.00	8.00	12.93	11.11	116
Windrowing (After Knifing)	Acre	11	4.00-25.00	5.00	8.95	8.64	104
Cutting and Windrowing (One Operation)	Acre	24	7.50-50.00	20.00	20.96	14.79	142
Sugar Beet Harvesting							
Topping	Acre	4	6.00-20.00	15.00	14.00	13.00	108
Lifting	Acre	3	D	D	D	D	D
Making Corn Silage							
Field Chopping Only	Acre	56	9.12-100.00	35.00	35.45	26.75	133
	Hour	32	35.00-550.00	300.00	296.45	170.73	174
Field Chopping and Hauling	Acre	92	15.00-100.00	40.00	43.83	37.55	117
	Hour	73	44.00-700.00	500.00	401.16	305.50	131
Shredding Corn Stalks	Acre	31	3.00-15.00	8.00	8.04	6.92	116
Seed Preparation							
Seed Grain							
Cleaning Only	Gross Bu	544	0.05-1.50	0.50	0.436	0.380	115
Treating Only	Gross Bu	74	0.05-3.00	1.00	0.801	0.543	148
Cleaning and Treating	Gross Bu	66	0.08-3.35	1.00	1.169	0.915	128
Flaxseed							
Cleaning Only	Gross Bu	135	0.08-2.00	1.00	0.784	0.680	115
Treating Only	Gross Bu	11	0.10-3.00	0.30	0.673	0.360	187
Cleaning and Treating	Gross Bu	10	0.35-3.35	0.60	1.115	0.779	143
Machine Rental							
Tractor							
Under 100 Horsepower	Hour ¹	120	8.00-100.00	20.00	31.67	27.63	115
100-200 Horsepower	Hour ¹	180	10.00-180.00	30.00	47.03	38.88	121
More than 200 Horsepower	Hour ¹	154	10.00-200.00	50.00	59.16	55.56	106
Combine	Acre	18	6.00-25.00	12.00	14.44	12.07	120
	Hour ¹	226	15.00-220.00	100.00	108.51	100.61	108
Grain Cart Rental	Acre	8	1.00-7.50	2.00	3.38	2.10	161
	Hour ¹	6	10.00-50.00	20.00	22.08	13.25	167
Swather							
Self-propelled	Acre	23	3.00-15.00	3.00	6.17	5.45	113
	Hour ¹	11	5.00-75.00	50.00	41.36	39.73	104
Pull-type	Acre	15	2.00-10.00	5.00	5.18	3.83	135
	Hour ¹	3	D	D	D	D	D
Field Roller	Acre	235	1.00-10.00	2.00	3.05	2.78	110
	Hour ¹	4	2.50-12.00	NA	5.88	7.25	81

¹ Rates for machine rentals are in tachometer hours. NA=Not Available D=Insufficient Reports

Drying and Hauling Crops, Hay and Cattle

Statewide Averages, North Dakota, 2007

Operation	Unit	Statewide Averages, North Dakota, 2007							Extra Charge - 2007	
		Basic Charge - 2007					2004 Average Rate	2007 as % of 2004		
		Number of Reports	Range in Rates	Most Frequent Rate Reported	Average Maximum Moisture Content	Average Rate			No. Rpts	For Each Additional 1% Moisture Removed
		Number	\$/Unit	\$/Unit	Percent	\$/Unit	\$/Unit	Percent	Number	\$/Unit
Drying Grain										
Small Grains	Bu	128	0.02-0.50	0.10	15.51	0.128	0.145	88	64	0.045
Corn	Bu	87	0.01-0.50	0.04	17.27	0.141	0.179	79	46	0.039
Sunflower	Cwt	23	0.07-0.50	0.10	13.26	0.187	0.168	111	15	0.052
Flaxseed	Bu	6	0.10-0.20	0.10	14.67	0.132	0.168	79	5	0.040
Soybean	Bu	21	0.04-0.20	0.12	14.81	0.105	0.147	71	15	0.047

Statewide Averages, North Dakota, 2007

Statewide Averages, North Dakota, 2007										
Operation	Unit	Basic Charge - 2007					2004 Average Rate	2007 as % of 2004	Extra Charge - 2007	
		Number of Reports	Range in Rates	Most Frequent Rate Reported	Average Base Mileage	Average Rate			No. Rpts	Per 10 Miles Over Base Mileage
		<i>Number</i>	<i>\$/Unit</i>	<i>\$/Unit</i>	<i>Miles</i>	<i>\$/Unit</i>	<i>\$/Unit</i>	<i>Percent</i>	<i>Number</i>	<i>\$/Unit</i>
Hauling Crops										
Wheat, All	Bu	417	0.01-0.80	0.15	27.03	0.157	0.123	128	117	0.081
Barley	Bu	197	0.05-0.45	0.15	29.70	0.154	0.119	129	67	0.068
Oat	Bu	159	0.04-0.45	0.15	27.22	0.146	0.107	136	55	0.090
Sunflower	Cwt	69	0.04-1.30	0.15	61.22	0.376	0.413	91	17	0.095
Canola	Cwt	53	0.06-1.25	0.15	53.19	0.284	0.211	135	12	0.068
Flaxseed	Bu	59	0.06-0.26	0.15	22.56	0.139	0.139	100	19	0.056
Corn	Bu	85	0.05-0.45	0.10	31.76	0.151	0.110	137	36	0.070
Hauling Silage	Ton	10	0.07-4.00	0.10	11.67	0.551	1.272	43	3	D
Sugar Beet	Ton	16	0.10-5.00	5.00	14.33	3.338	3.760	89	5	0.250

D = Insufficient Reports

Statewide Averages, North Dakota, 2007

Statewide Averages, North Dakota, 2007									
Operation	Unit	Basic Charge - 2007				2004 Average Rate	2007 as % of 2004	Loading Charge - 2007	
		Number of Reports	Range in Rates	Most Frequent Rate Reported	Average Rate			No. Rpts	Charge
		<i>Number</i>	<i>\$/Unit</i>	<i>\$/Unit</i>	<i>\$/Unit</i>	<i>\$/Unit</i>	<i>Percent</i>	<i>Number</i>	<i>\$/Load</i>
Hauling Hay									
By the Load									
(Loose and Bales)									
Less than 10 tons	Mile ¹	62	0.20-5.00	4.00	3.26	2.55	128	38	19.60
10-20 tons	Mile ¹	113	0.20-10.00	4.00	3.53	3.00	118	70	24.43
More than 20 tons	Mile ¹	118	0.20-20.00	4.00	3.84	2.94	131	63	27.12
By the Bale									
Large Sq Bales ²	Bale	7	0.75-7.00	3.00	3.32	2.34	142	7	{ Included in basic charges
Large Rd Bales ²	Bale	72	0.50-18.00	3.00	3.43	3.06	112	72	
Hauling Cattle								No. Rpts	Average Cwt/Load
Gooseneck Trailer	Mile ³	199	0.75-7.00	3.00	2.86	2.23	128	111	113.00
Semi Trailer	Mile ³	288	0.44-10.00	4.00	3.60	3.08	117	146	452.84

¹ Loaded mile, excludes loading. ² Average rate based on an average of 52 miles for large square bales and 20.5 miles for large round bales. Extra charges apply for hauls exceeding this base mileage were \$2.40 per 10 miles for large round bales. ³ Loaded mile.

OTHER CUSTOM WORK AND HISTORICAL DATA

OTHER CUSTOM WORK, STATEWIDE AVERAGES, NORTH DAKOTA, 2007

Operation	2007					2004 Average Rate	2007 as Percent of 2004
	Unit	Number of Reports	Range in Rates	Most Frequent Rate Reported	Average Rate		
		<i>Number</i>	<i>\$/Unit</i>	<i>\$/Unit</i>	<i>\$/Unit</i>	<i>\$/Unit</i>	<i>Percent</i>
Custom Farming ¹							
Small Grains	Acre	134	8.00-165.00	50.00	36.62	40.17	91
Row Crops	Acre	63	10.00-200.00	50.00	42.51	49.26	86
Miscellaneous							
Mowing/Clipping CRP	Acre	240	0.50-20.00	7.00	7.73	6.48	119
	Hour	49	4.00-125.00	50.00	58.37	51.28	114
On Farm Grain Bin Storage	\$/Bu/Month	306	0.01-0.50	0.03	0.03	0.03	100
On Farm Grain Bin Storage	\$/Bu/Year	146	0.01-0.95	0.10	0.12	NA	NA
Machine Shed Rental	\$/Sq Ft/Month	5	0.01-0.35	NA	0.11	0.13	85
Machine Shed Rental	\$/Sq Ft/Year	18	0.01-2.00	0.05	0.47	NA	NA
Farm Drainage/Ditching	Hour	61	8.00-250.00	100.00	101.67	86.03	118
Land Leveling	Hour	26	4.00-200.00	100.00	87.12	72.21	121
Rock Picking	Hour	56	2.00-125.00	50.00	42.24	42.99	98
Snow Removal							
Front End Loader	Hour	199	6.00-125.00	50.00	56.11	50.87	110
Tractor Blower	Hour	192	5.00-100.00	50.00	51.80	47.39	109

¹ Includes all necessary farming operations from field preparation through harvesting. NA=Not Available

HISTORICAL DATA, STATEWIDE AVERAGES, NORTH DAKOTA, 1984 - 2007

Operation	Unit	1984	1986	1989	1992	1995	1998	2001	2004	2007
		<i>\$/Unit</i>	<i>\$/Unit</i>	<i>\$/Unit</i>	<i>\$/Unit</i>	<i>\$/Unit</i>	<i>\$/Unit</i>	<i>\$/Unit</i>	<i>\$/Unit</i>	<i>\$/Unit</i>
Swathing Grain										
Self Propelled	Acre	3.73	3.67	3.94	4.22	4.46	5.04	5.47	6.21	7.79
PTO Unit	Acre	3.36	3.39	3.68	4.03	4.23	4.58	5.23	5.75	7.63
Combining From Swaths										
Small Grains & Flaxseed ¹	Acre	12.61	11.59	11.82	13.13	13.70	13.82	14.72	16.12	20.04
Dry Beans	Acre	15.04	14.65	16.27	18.20	18.18	19.06	19.06	21.02	23.11
Straight Combining										
Small Grains & Flaxseed ¹	Acre	12.57	11.71	11.80	13.15	13.74	13.88	15.03	16.27	20.41
Corn	Acre	14.83	14.46	14.05	15.23	16.33	16.26	17.33	18.43	22.81
Sunflower	Acre	13.26	12.54	12.40	13.54	14.14	14.49	15.29	16.31	20.32
Soybeans	Acre	14.68	14.08	14.20	15.70	15.57	16.10	16.72	18.22	21.31
Dry Beans	Acre	15.31	15.46	16.46	18.39	17.96	19.10	18.29	19.64	23.27
Making Corn Silage										
Chopping Only	Acre	16.41	16.06	16.83	17.65	18.51	18.69	20.78	26.75	35.45
Chopping and Hauling	Acre	21.22	19.54	20.02	21.65	22.62	23.62	26.26	37.55	43.83
Drying										
Small Grains	Bushel	0.152	0.131	0.118	0.108	0.111	0.123	0.113	0.145	0.128
Flaxseed	Bushel	0.172	0.153	0.124	0.110	0.134	0.134	0.109	0.168	0.132
Corn	Bushel	0.176	0.164	0.126	0.115	0.123	0.146	0.132	0.179	0.141
Sunflower	Cwt	0.309	0.204	0.200	0.157	0.152	0.171	0.165	0.168	0.187
Soybeans	Bushel	NA	NA	NA	0.093	0.085	0.115	0.125	0.147	0.105
Hauling										
Wheat	Bushel	0.095	0.096	0.092	0.090	0.098	0.109	0.116	0.123	0.157
Barley	Bushel	0.091	0.093	0.089	0.088	0.094	0.101	0.117	0.119	0.154
Oats	Bushel	0.089	0.087	0.088	0.087	0.094	0.100	0.107	0.107	0.146
Flaxseed	Bushel	0.096	0.088	0.094	0.091	0.097	0.124	0.107	0.139	0.139
Corn	Bushel	0.091	0.086	0.085	0.087	0.097	0.101	0.114	0.110	0.151
Sunflower	Cwt	0.165	0.168	0.202	0.196	0.189	0.339	0.378	0.413	0.376
Seed Grain Preparation										
Cleaning Only	Gross Bu	0.275	0.277	0.291	0.299	0.321	0.340	0.361	0.380	0.436
Treating Only	Gross Bu	0.404	0.393	0.437	0.504	0.552	0.519	0.514	0.542	0.801
Cleaning & Treating	Gross Bu	0.678	0.643	0.718	0.784	0.800	0.726	0.846	0.915	1.169
Farm Drainage/Ditching	Hour	56.80	54.48	50.34	58.66	63.49	76.25	84.80	86.03	101.67
Land Leveling	Hour	55.21	51.17	48.03	58.31	60.61	63.26	64.31	72.21	87.12
Rock Picking	Hour	35.69	35.34	37.55	40.20	39.26	52.29	42.72	42.99	42.24

¹ Averages for years 1984-1998 do not include flaxseed. NA=Not Available

Farming Region Averages, North Dakota, 2007

Region	Swathing Grain Self-propelled				Swathing Grain PTO Unit				Swathing Canola Self-propelled			
	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate
		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre
W	58	4.50-23.00	6.00	8.27	24	4.50-25.00	6.00	8.52	25	5.00-25.00	6.00	8.98
WC	57	3.50-15.00	8.00	7.21	27	4.00-10.00	8.00	7.20	31	5.00-12.00	7.00	7.04
EC	50	3.00-21.00	7.00	7.92	33	3.00-14.00	5.00	7.32	44	3.00-13.00	8.00	7.89
RRV	10	4.50-15.00	6.00	7.65	8	3.50-20.00	5.00	7.69	4	8.00-9.00	8.00	8.50
STATE	175	3.00-23.00	7.00	7.79	92	3.00-25.00	7.00	7.63	104	3.00-25.00	7.00	7.92
Region	Swathing Canola PTO Unit				Combining Small Grains and Flaxseed from Swath				Combining Dry Beans from Swath			
	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate
		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre
W	8	4.50-10.00	6.00	7.19	62	10.00-29.00	18.00	19.67	5	16.00-	20.00	20.80
WC	14	5.00-12.00	7.00	7.52	86	12.00-38.00	18.00	19.90	13	16.00-	20.00	22.88
EC	21	5.00-13.00	8.00	8.26	87	13.00-28.00	20.00	20.85	29	14.00-	25.00	23.48
RRV	3	D	D	D	23	14.00-24.00	15.00	18.52	15	20.00-	25.00	23.37
STATE	46	4.50-13.00	6.00	7.77	258	10.00-38.00	20.00	20.04	62	14.00-30.00	25.00	23.11
Region	Combining Canola from Swath				Straight Combining Small Grains and Flaxseed				Combining Corn			
	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate
		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre
W	33	10.00-25.00	20.00	20.62	199	12.00-41.00	20.00	20.43	42	13.00-	20.00	20.61
WC	58	7.00-29.00	18.00	20.19	166	12.00-32.00	22.00	20.13	48	15.00-	25.00	21.97
EC	61	7.50-27.00	25.00	20.99	153	12.00-28.00	20.00	20.92	75	15.00-	25.00	23.53
RRV	12	9.00-28.00	16.00	19.88	46	15.00-28.00	16.00	19.68	40	17.50-	20.00	24.76
STATE	164	7.00-29.00	25.00	20.55	564	12.00-41.00	20.00	20.41	205	13.00-40.00	25.00	22.81
Region	Combining Sunflower				Straight Combining Soybean				Straight Combining Dry Beans			
	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate
		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre
W	36	13.00-27.00	17.00	19.88	11	16.00-25.00	20.00	22.00	9	16.00-	23.00	22.89
WC	55	10.00-28.00	18.00	20.51	45	15.00-29.00	22.00	21.39	16	20.00-	20.00	22.69
EC	62	12.00-27.00	20.00	20.54	112	14.00-28.00	20.00	21.14	39	14.00-	25.00	23.49
RRV	18	13.00-32.00	16.00	19.89	53	15.00-30.00	20.00	21.43	18	18.00-	24.00	23.49
STATE	171	10.00-32.00	20.00	20.32	221	14.00-30.00	20.00	21.31	82	14.00-35.00	25.00	23.27
Region	Chopping Corn Silage				Chopping and Hauling Corn Silage				Cleaning Seed Grain			
	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate
		\$/Acre	\$/Acre	\$/Acre		\$/Acre	\$/Acre	\$/Acre		\$/Gross Bu	\$/Gross	\$/Gross
W	18	12.00-	25.00	33.67	31	15.00-85.00	50.00	43.06	182	0.07-1.35	0.50	0.441
WC	20	20.00-	25.00	41.10	30	15.00-91.50	30.00	40.45	170	0.05-0.75	0.35	0.392
EC	16	9.12-50.00	35.00	31.07	28	18.00-	35.00	48.54	135	0.05-1.50	0.50	0.467
RRV	2	D	D	D	3	D	D	D	57	0.10-0.75	0.50	0.476
STATE	56	9.12-100.00	35.00	35.45	92	15.00-100.00	40.00	43.83	544	0.05-1.50	0.50	0.436
Region	Cleaning Flaxseed				Treating Seed Grain				Cleaning and Treating Seed Grain			
	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate
		\$/Gross Bu	\$/Gross	\$/Gross Bu		\$/Gross Bu	\$/Gross	\$/Gross		\$/Gross Bu	\$/Gross	\$/Gross
W	38	0.08-1.50	0.50	0.747	17	0.06-2.00	1.00	0.659	13	0.32-2.50	1.35	1.202
WC	68	0.30-2.00	1.00	0.861	17	0.07-3.00	1.00	0.825	13	0.35-3.35	1.45	1.075
EC	22	0.35-1.25	0.50	0.707	24	0.05-2.00	1.00	0.865	25	0.08-2.45	1.00	1.177
RRV	7	0.25-1.00	0.30	0.486	16	0.07-2.00	2.00	0.829	15	0.45-2.75	0.50	1.209
STATE	135	0.08-2.00	1.00	0.784	74	0.05-3.00	1.00	0.801	66	0.08-3.35	1.00	1.169

D=Insufficient Reports

Farming Region Averages, North Dakota, 2007

Region	Drying Small Grains					Drying Corn				
	No. Rpts	Range	Most Frequent	Average Rate	Avg. Maximum Moisture Content	No. Rpts	Range	Most Frequent	Average Rate	Avg. Maximum Moisture Content
		<i>\$/Bushel</i>	<i>\$/Bushel</i>	<i>\$/Bushel</i>	<i>Percent</i>		<i>\$/Bushel</i>	<i>\$/Bushel</i>	<i>\$/Bushel</i>	<i>Percent</i>
W	7	0.02-0.30	0.30	0.170	15.43	2	D	D	D	D
WC	34	0.02-0.50	0.10	0.142	15.37	9	0.01-0.50	0.20	0.246	17.33
EC	59	0.02-0.30	0.04	0.118	15.72	42	0.02-0.40	0.04	0.140	17.70
RRV	28	0.04-0.23	0.10	0.122	15.27	34	0.04-0.25	0.10	0.112	16.96
STATE	128	0.02-0.50	0.10	0.128	15.51	87	0.01-0.50	0.04	0.141	17.27

Region	Drying Sunflower					Drying Flaxseed				
	No. Rpts	Range	Most Frequent	Average Rate	Avg. Maximum Moisture Content	No. Rpts	Range	Most Frequent	Average Rate	Avg. Maximum Moisture Content
		<i>\$/Cwt</i>	<i>\$/Cwt</i>	<i>\$/Cwt</i>	<i>Percent</i>		<i>\$/Bushel</i>	<i>\$/Bushel</i>	<i>\$/Bushel</i>	<i>Percent</i>
W	1	D	D	D	D	NA	D	D	D	D
WC	9	0.08-0.50	0.10	0.198	12.67	NA	D	D	D	D
EC	8	0.07-0.30	0.10	0.156	14.25	4	0.10-0.20	0.10	0.138	14.75
RRV	5	0.12-0.35	0.12	0.198	12.80	2	D	D	D	D
STATE	23	0.07-0.50	0.10	0.187	13.26	6	0.10-0.20	0.10	0.132	14.67

Region	Hauling Wheat					Hauling Oat				
	No. Rpts	Range	Most Frequent	Average Rate	Average Base Mileage	No. Rpts	Range	Most Frequent	Average Rate	Average Base Mileage
		<i>\$/Bushel</i>	<i>\$/Bushel</i>	<i>\$/Bushel</i>	<i>Miles</i>		<i>\$/Bushel</i>	<i>\$/Bushel</i>	<i>\$/Bushel</i>	<i>Miles</i>
W	138	0.07-0.60	0.15	0.180	30.66	48	0.05-0.35	0.15	0.168	31.81
WC	119	0.03-0.45	0.15	0.156	22.95	49	0.05-0.45	0.15	0.158	25.58
EC	117	0.01-0.80	0.10	0.149	28.94	47	0.04-0.28	0.10	0.124	27.10
RRV	43	0.02-0.25	0.10	0.102	21.58	15	0.05-0.15	0.10	0.103	17.08
STATE	417	0.01-0.80	0.15	0.157	27.03	159	0.04-0.45	0.15	0.146	27.22

Region	Hauling Barley					Hauling Sunflower				
	No. Rpts	Range	Most Frequent	Average Rate	Average Base Mileage	No. Rpts	Range	Most Frequent	Average Rate	Average Base Mileage
		<i>\$/Bushel</i>	<i>\$/Bushel</i>	<i>\$/Bushel</i>	<i>Miles</i>		<i>\$/Cwt</i>	<i>\$/Cwt</i>	<i>\$/Cwt</i>	<i>Miles</i>
W	55	0.08-0.35	0.15	0.175	31.89	16	0.04-1.25	0.13	0.448	77.73
WC	60	0.05-0.45	0.15	0.159	26.47	18	0.10-1.20	0.16	0.374	55.94
EC	65	0.05-0.45	0.10	0.146	33.72	25	0.07-1.30	0.10	0.408	71.50
RRV	17	0.05-0.25	0.10	0.102	18.93	10	0.06-0.80	0.15	0.189	26.63
STATE	197	0.05-0.45	0.15	0.154	29.70	69	0.04-1.30	0.15	0.376	61.22

Region	Hauling Flaxseed					Hauling Corn				
	No. Rpts	Range	Most Frequent	Average Rate	Average Base Mileage	No. Rpts	Range	Most Frequent	Average Rate	Average Base Mileage
		<i>\$/Bushel</i>	<i>\$/Bushel</i>	<i>\$/Bushel</i>	<i>Miles</i>		<i>\$/Bushel</i>	<i>\$/Bushel</i>	<i>\$/Bushel</i>	<i>Miles</i>
W	13	0.12-0.25	0.15	0.162	24.50	13	0.13-0.30	0.20	0.208	39.09
WC	24	0.07-0.25	0.15	0.145	20.09	23	0.10-0.45	0.15	0.170	31.19
EC	16	0.06-0.26	0.15	0.124	25.25	26	0.06-0.40	0.10	0.148	31.95
RRV	6	0.06-0.15	0.15	0.103	23.25	23	0.05-0.24	0.10	0.102	27.95
STATE	59	0.06-0.26	0.15	0.139	22.56	85	0.05-0.45	0.10	0.151	31.76

Region	Custom Farming Small Grain ¹				Custom Farming Row Crops ¹				Rock Picking			
	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate	No. Rpts	Range	Most Frequent	Average Rate
		<i>\$/Acre</i>	<i>\$/Acre</i>	<i>\$/Acre</i>		<i>\$/Acre</i>	<i>\$/Acre</i>	<i>\$/Acre</i>		<i>\$/Hour</i>	<i>\$/Hour</i>	<i>\$/Hour</i>
W	54	10.00-130.00	50.00	30.83	12	10.00-75.00	12.00	27.83	17	2.00-95.00	50.00	33.88
WC	35	8.00-75.00	12.00	30.44	19	15.00-85.00	16.00	35.79	21	2.00-125.00	75.00	57.29
EC	34	9.00-165.00	40.00	45.56	22	12.00-200.00	50.00	50.86	16	6.00-60.00	20.00	28.22
RRV	11	16.00-150.00	50.00	57.09	10	18.00-75.00	75.00	54.50	2	D	D	D
STATE	134	8.00-165.00	50.00	36.62	63	10.00-200.00	50.00	42.51	56	2.00-125.00	50.00	42.24

¹ Includes all necessary farming operations from field preparation through harvesting. NA = Not Available D = Insufficient Reports



Survey Summary

The custom rate survey is conducted every third year.

The 2007 survey, conducted in two parts, summarized more than 4,900 reports from farmers and ranchers, aerial sprayers, elevators, custom harvesters and other custom operators.

The average rates reported in the previous survey (2004) are included for comparison.

Most rates have increased 20 percent to 30 percent since the last survey.

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