

2010 North Dakota Custom Rates

Part I – Early Season Operations

August 2010

Introduction

The data in this report are the result of a survey conducted during July and August by the USDA, National Agricultural Statistics Service, North Dakota Field Office. Approximately 3,000 reports from aerial sprayers, farmer/ranchers, and other custom operators were tabulated. The survey was designed to provide state and regional averages for custom work rates. The early season survey has been conducted every three years since 1962, except during the early 1980's when it was conducted every other year.

Appreciation is expressed to all survey participants who provided the data for this report and also to the North Dakota State University Extension Service personnel for their assistance on this project. Funding was provided by the North Dakota State University Experiment Station and Extension Service.

The Data

This report contains state and regional level custom work rates for land tillage, planting, fertilizer and pesticide application, haying operations and other custom work.

Included for each operation is the number of reports, range, most frequently reported and average rates. Also included are state level 2007 average rates, 2010 rates as a percentage of 2007, and historical comparisons back to 1986 for selected operations. Regional averages are reported where there are a sufficient number of reports. We advise the reader to exercise discretion when using rates where fewer than fifteen reports were tabulated.

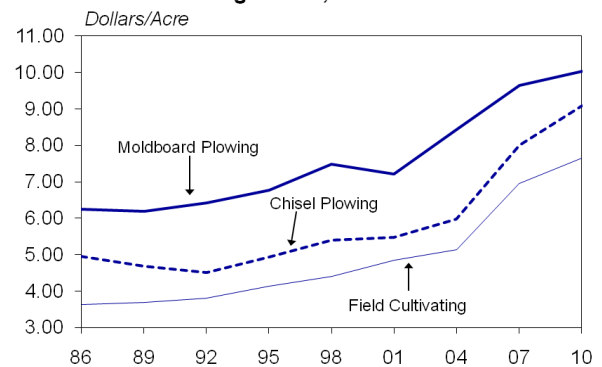
The range shows the minimum and maximum rate reported for each custom operation. The range is affected by the locality of the reporter and the size of the custom operator. A farmer/rancher who does a small amount of custom work for his or her neighbors may charge less than a large-scale operator.

The rates in this report include charges for equipment, power, fuel and the operator. Exchange work is not considered custom work for this survey.

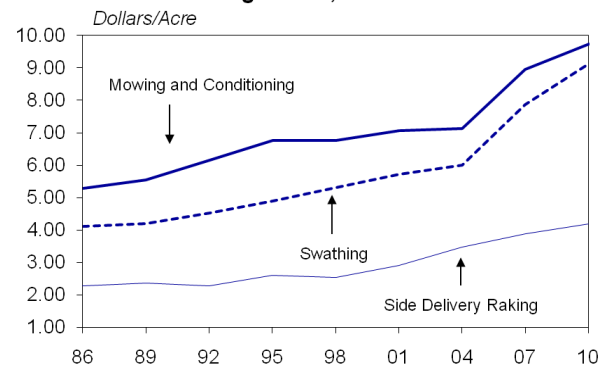
Other Reports

A late season custom rates survey will be conducted in September and October. It will collect data on harvesting, grain drying, crop and hay hauling and other miscellaneous custom rates. This information will be released in December.

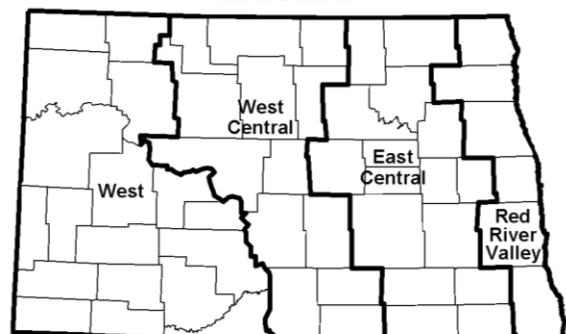
Land Tillage Average Rate, 1986-2010



Haying Operations Average Rate, 1986-2010



Farming Regions North Dakota



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LAND TILLAGE, SMALL GRAIN SEEDING AND ROW CROP PLANTING

STATEWIDE AVERAGES, NORTH DAKOTA, 2010

Operation	2010				2007 Average Rate	2010 as Percent of 2007
	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	1,365	1.52-4.00	3.00	2.64	2.64	100
	<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)	35	1.00-20.10	¹	10.03	9.65	117
Sod Breaking	24	5.00-25.10	15.00	12.08	11.24	107
Heavy Disking	62	3.00-20.00	10.00	10.25	9.11	113
Chisel Plowing	68	1.50-21.00	10.00	9.09	8.01	113
Sub Soiling (16-20 inches deep)	30	6.50-40.00	15.00	14.38	13.25	109
Disk/Chisel Plowing	46	3.00-21.75	10.00	10.47	9.13	115
Secondary Tillage (Shallow)						
Field Cultivation	73	2.00-16.50	10.00	7.65	6.96	110
One-Way Disking	30	3.50-16.50	10.00	8.45	8.02	105
Tandem Disking	40	3.00-16.50	10.00	9.56	8.34	115
Rod Weeder	13	2.50-17.00	4.00	7.31	7.50	97
Rotary Hoe	26	2.00-16.00	5.00	5.56	6.20	90
Vertical Tillage	27	4.50-20.50	¹	9.19	NA	NA
Land Rolling	185	1.50-12.00	5.00	4.69	4.42	106
Light Harrowing	62	1.00-10.00	4.00	5.12	4.79	107
Heavy Harrowing	67	1.00-14.00	6.00	6.05	5.16	117
Row Crop Cultivation	27	1.00-15.00	5.00	6.96	6.68	104
SMALL GRAIN SEEDING						
With Fertilizer						
Regular Drilling	82	3.00-25.00	12.00	12.37	10.32	120
Drilling & Tillage	44	5.00-25.00	15.00	13.42	12.21	110
Pony Press Drill	16	7.50-25.00	¹	13.25	11.80	112
Air Seeding	174	2.00-25.00	15.00	14.46	12.24	118
No Till Drill	154	3.00-35.00	15.00	15.48	12.73	122
Without Fertilizer						
Regular Drilling	69	2.00-20.00	15.00	10.93	9.53	115
Drilling & Tillage	35	4.00-25.00	12.00	12.70	11.29	112
Pony Press Drill	16	7.00-20.00	10.00	11.78	11.60	102
Air Seeding	133	1.50-30.00	¹	13.24	11.46	116
No Till Drill	106	1.00-30.00	15.00	14.37	12.14	118
ROW CROP PLANTING						
With Fertilizer						
Corn, Soybean, Sunflower (Regular)	82	4.00-32.00	15.00	14.11	11.89	119
Corn, Soybean, Sunflower (Air Seed)	93	4.00-30.00	15.00	15.35	12.60	122
Dry Edible Beans	45	4.00-30.00	15.00	14.39	12.92	111
Sugarbeet	11	10.50-30.00	15.00	16.73	14.78	113
Without Fertilizer						
Corn, Soybean, Sunflower (Regular)	79	3.50-22.00	15.00	12.88	10.85	119
Corn, Soybean, Sunflower (Air Seed)	77	3.50-30.00	15.00	14.71	11.47	128
Dry Edible Beans	42	4.00-25.00	15.00	13.43	11.97	112
Sugarbeet	11	7.50-25.00	15.00	15.32	14.44	106
No Till With Fertilizer						
Corn, Soybean, Sunflower	85	4.50-25.00	15.00	14.59	13.23	110
No Till Without Fertilizer						
Corn, Soybean, Sunflower	66	3.50-22.00	15.00	13.80	12.73	108

¹ Data not available due to multiple rates being reported at the highest frequency.

FERTILIZER AND PESTICIDE APPLICATION AND HAYING OPERATIONS

STATEWIDE AVERAGES, NORTH DAKOTA, 2010

Operation	2010				2007 Average Rate	2010 as Percent of 2007
	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	484	1.00-15.00	5.00	5.17	4.54	114
Deep Banded	73	3.00-23.00	¹	11.07	8.93	124
Liquid Fertilizer						
Anhydrous Ammonia	108	2.70-15.00	5.00	6.08	5.35	114
With Knife Applicator	86	3.50-25.00	10.00	9.39	7.62	123
While Chiseling	55	4.50-20.00	¹	10.00	8.76	114
PESTICIDE APPLICATION						
By Surface Vehicles						
Herbicides						
Broadcast, Liquid	620	3.00-25.00	5.00	5.44	4.69	116
Dry	126	2.50-15.00	5.00	5.50	4.83	114
Incorporated, Liquid	100	3.00-15.00	5.00	6.54	6.08	108
Dry	57	3.25-15.00	5.00	7.18	6.34	113
Insecticides						
Broadcast, Liquid	299	3.00-15.00	5.00	5.42	4.77	114
Dry	77	3.00-15.00	5.00	5.80	5.11	114
Incorporated, Liquid	72	3.75-15.00	5.00	6.60	5.82	113
Dry	41	3.25-15.00	5.00	7.65	6.64	115
Fungicides	309	3.00-15.00	5.00	5.51	4.81	115
Desiccants	249	3.00-15.00	5.00	5.57	4.87	114
By Aircraft (All Pesticides)						
1 Gallon	173	3.25-20.00	7.00	6.97	5.74	121
2-3 Gallons	208	4.50-22.00	7.00	7.26	5.78	126
4-5 Gallons	208	3.00-25.00	7.00	7.47	6.07	123
Over 5 Gallons	116	4.00-27.00	7.00	7.92	6.28	126
HAYING OPERATIONS						
Mowing and Raking						
Mowing	75	2.00-15.00	5.00	7.41	6.88	108
Mowing and Conditioning	93	2.50-15.00	10.00	9.73	8.95	109
Swathing	60	2.50-15.00	¹	9.13	7.88	116
Raking	46	1.00-8.00	¹	4.18	3.88	108
Baling (Wire or Twine Included)						
		<i>\$/Bale</i>	<i>\$/Bale</i>	<i>\$/Bale</i>	<i>\$/Bale</i>	
Small Square Bales, 250 lbs or less	35	0.25-7.00	1.00	1.83	1.26	145
Large Square Bales, Over 250 lbs	26	1.00-16.00	10.00	8.63	7.55	114
Round Bales, 1,500 lbs or less	178	3.00-25.00	8.00	8.23	6.98	118
Round Bales, Over 1,500 lbs	120	4.00-25.00	8.00	9.11	8.00	114

¹ Data not available due to multiple rates being reported at the highest frequency.

OTHER CUSTOM WORK AND HISTORICAL DATA

OTHER CUSTOM WORK, STATEWIDE AVERAGES, NORTH DAKOTA, 2010

Operation	2010				2007 Average Rate	2010 as Percent of 2007
	Number of Reports	Range in Rates	Most Frequent Rate Reported	Average Rate		
	<i>Number</i>	<i>\$/Head</i>	<i>\$/Head</i>	<i>\$/Head</i>	<i>\$/Head</i>	<i>Percent</i>
Branding Calves	24	1.00-8.50	¹	2.69	2.13	126
Shearing Sheep	46	1.00-6.00	3.00	3.08	2.69	114
Custom Feeding Livestock		<i>\$/Head/Day</i>	<i>\$/Head/Day</i>	<i>\$/Head/Day</i>	<i>\$/Head/Day</i>	
Weaned Calves	53	0.10-5.00	1.00	1.35	1.27	106
Yearlings and Cull Cows	49	0.65-6.50	1.50	1.69	1.37	123
Wintering Pregnant Beef Cows	54	1.00-5.00	1.50	1.51	1.34	113
Calving Out Cows	32	1.00-10.00	2.00	2.25	1.95	115
On-Farm Feed Grinding & Mixing		<i>\$/Ton</i>	<i>\$/Ton</i>	<i>\$/Ton</i>	<i>\$/Ton</i>	
Mobile Truck	11	5.00-25.00	¹	12.86	11.50	112
PTO Unit	10	1.50-40.00	15.00	13.55	17.64	77
Tub Grinding Hay		<i>\$/Hour</i>	<i>\$/Hour</i>	<i>\$/Hour</i>	<i>\$/Hour</i>	
Farmer Supplies Power	20	18.50-220.00	85.00	101.93	77.00	132
Power Supplied	29	20.00-275.00	¹	139.66	107.43	130
Self Contained Unit	143	25.00-300.00	150.00	149.57	120.44	124
Pneumatic Handling of Grain	92	<i>\$/Bushel</i>	<i>\$/Bushel</i>	<i>\$/Bushel</i>	<i>\$/Bushel</i>	
0.02-1.00			0.10	0.13	0.10	130
Post Hole Digging		<i>\$/Hole</i>	<i>\$/Hole</i>	<i>\$/Hole</i>	<i>\$/Hole</i>	
Digging	45	0.75-15.00	¹	4.04	4.60	88
Building Multi-Strand Wire Fence (No Supplies Included)		<i>\$</i>	<i>\$</i>	<i>\$</i>	<i>\$</i>	
Per Rod	36	0.50-30.00	¹	8.87	8.94	99
Per Hour	30	5.00-110.00	¹	32.13	23.71	136
Loader Work		<i>\$/Hour</i>	<i>\$/Hour</i>	<i>\$/Hour</i>	<i>\$/Hour</i>	
Skid-Steer Loader	193	5.00-200.00	50.00	52.45	44.29	118
Tractor Loader	112	7.00-120.00	50.00	52.97	44.82	118
Industrial Loader	172	22.50-200.00	100.00	92.30	75.52	122

¹ Data not available due to multiple rates being reported at the highest frequency.

HISTORICAL DATA, STATEWIDE AVERAGES, NORTH DAKOTA, 1986 - 2010

Operation	1986	1989	1992	1995	1998	2001	2004	2007	2010
	<i>\$/Acre</i>	<i>\$/Acre</i>	<i>\$/Acre</i>	<i>\$/Acre</i>	<i>\$/Acre</i>	<i>\$/Acre</i>	<i>\$/Acre</i>	<i>\$/Acre</i>	<i>\$/Acre</i>
Plowing (Moldboard)	6.25	6.19	6.43	6.78	7.48	7.22	8.44	9.65	10.03
Chisel Plowing	4.96	4.68	4.51	4.93	5.41	5.47	5.99	8.01	9.09
Field Cultivation	3.63	3.70	3.81	4.13	4.40	4.85	5.15	6.96	7.65
Small Grain Drilling									
Regular, With Fertilizer	4.78	4.76	5.28	6.00	6.48	7.30	7.95	10.32	12.37
Regular, Without Fertilizer	4.44	4.53	4.76	5.44	6.27	6.38	7.18	9.53	10.93
Air Seeding ¹	5.46	5.27	6.29	7.36	7.92	8.50	9.49	11.46	13.24
No-Till Drilling ¹	7.06	7.08	8.02	8.60	9.00	9.19	10.26	12.14	14.37
Fertilizer Application									
Dry Fertilizer (Broadcast)	2.29	2.42	2.66	2.95	3.27	3.64	3.87	4.54	5.17
Liquid Fertilizer	3.10	3.18	3.33	3.44	3.70	4.49	4.42	5.35	6.08
Anhydrous Ammonia									
With Knife Applicator	4.35	4.14	4.16	4.66	5.11	5.33	6.12	7.62	9.39
While Chiseling	4.90	4.92	5.09	5.38	5.79	6.32	6.61	8.76	10.00
Ground Application of:									
Liquid Herbicides (Broadcast)	2.02	2.21	2.48	2.85	3.32	3.89	4.07	4.69	5.44
Liquid Insecticides (Broadcast)	2.27	2.37	2.65	2.88	3.38	3.93	4.11	4.77	5.42
Haying									
Mowing and Conditioning	5.28	5.55	6.15	6.77	6.76	7.06	7.14	8.95	9.73
Swathing	4.11	4.21	4.53	4.89	5.31	5.72	6.01	7.88	9.13
Raking	2.28	2.36	2.29	2.60	2.54	2.90	3.47	3.88	4.18
Post Holes	<i>\$/Hole</i>	<i>\$/Hole</i>	<i>\$/Hole</i>	<i>\$/Hole</i>	<i>\$/Hole</i>	<i>\$/Hole</i>	<i>\$/Hole</i>	<i>\$/Hole</i>	<i>\$/Hole</i>
Digging	1.96	1.71	1.90	1.82	2.38	2.49	2.64	4.60	4.04

¹ Without Fertilizer

FARMING REGION AVERAGES, NORTH DAKOTA, 2010

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	6	1.00-20.00	15.00	11.25	11	5.00-15.00	10.00	10.32	14	1.50-15.00	10.00	9.04
WC	5	5.50-15.00	¹	9.40	10	6.00-19.00	9.00	11.20	10	4.50-21.00	¹	9.55
EC	17	1.00-20.00	¹	10.41	30	5.00-20.00	10.00	10.12	30	4.00-15.00	10.00	9.37
RRV	7	2.29-20.10	4.00	8.48	11	3.00-18.25	10.00	9.66	14	4.50-11.00	10.00	8.21
STATE	35	1.00-20.10	¹	10.03	62	3.00-20.00	10.00	10.25	68	1.50-21.00	10.00	9.09

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	10	4.50-15.00	10.00	9.65	8	5.00-15.00	¹	10.31	10	3.00-10.00	¹	5.98
WC	6	5.00-15.00	¹	9.17	6	8.50-15.00	15.00	13.08	13	2.00-10.00	2.00	5.50
EC	36	4.00-10.00	¹	7.33	15	5.00-10.00	10.00	8.05	25	2.50-10.00	4.00	5.08
RRV	21	2.00-16.50	5.50	6.81	11	3.00-16.50	10.00	9.14	14	1.00-7.50	4.00	4.23
STATE	73	2.00-16.50	10.00	7.65	40	3.00-16.50	10.00	9.56	62	1.00-10.00	4.00	5.12

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	12	1.75-12.00	¹	6.31	3	²	²	²	18	5.00-25.00	12.00	13.03
WC	20	2.00-10.00	10.00	6.15	3	²	²	²	23	6.00-25.00	15.00	13.33
EC	22	2.50-10.00	6.00	5.93	12	4.00-10.00	5.00	6.13	26	4.50-20.00	¹	11.54
RRV	13	1.00-14.00	6.00	5.87	9	3.00-12.00	7.00	7.00	15	3.00-20.00	¹	11.57
STATE	67	1.00-14.00	6.00	6.05	27	1.00-15.00	5.00	6.96	82	3.00-25.00	12.00	12.37

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	10	10.50-18.00	¹	13.95	44	10.00-21.00	15.00	15.91	55	10.00-30.00	18.00	16.28
WC	8	10.00-25.00	10.00	14.44	49	9.00-25.00	15.00	14.23	43	8.00-35.00	15.00	15.26
EC	15	5.00-15.00	15.00	12.53	60	7.00-20.00	15.00	13.99	39	5.00-30.00	15.00	15.13
RRV	11	5.00-25.00	¹	13.41	21	2.00-22.00	15.00	13.24	17	3.00-35.00	15.00	14.29
STATE	44	5.00-25.00	15.00	13.42	174	2.00-25.00	15.00	14.46	154	3.00-35.00	15.00	15.48

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	8	7.50-20.00	20.00	14.94	96	2.50-9.00	5.00	4.92	18	4.00-12.00	5.00	6.07
WC	15	8.00-16.50	¹	12.37	100	2.50-10.00	5.00	4.80	17	3.75-15.00	5.00	6.53
EC	35	4.00-22.00	15.00	13.02	174	1.00-15.00	5.00	5.39	41	5.00-15.00	5.00	6.27
RRV	21	3.50-18.00	15.00	12.22	114	2.50-10.00	6.00	5.36	32	2.70-10.00	6.00	5.59
STATE	79	3.50-22.00	15.00	12.88	484	1.00-15.00	5.00	5.17	108	2.70-15.00	5.00	6.08

¹ Data not available due to multiple rates being reported at the highest frequency. ² Withheld due to insufficient data.

FARMING REGION AVERAGES, NORTH DAKOTA, 2010

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	17	5.00-15.00	¹	9.21	13	5.00-15.00	12.00	9.60	149	3.00-25.00	5.00	5.36
WC	17	4.00-15.00	¹	9.79	12	5.00-20.00	15.00	12.54	151	3.00-23.33	5.00	5.21
EC	39	5.00-25.00	7.00	9.83	20	5.00-16.00	10.00	9.30	216	3.00-15.00	5.50	5.60
RRV	13	3.50-12.00	8.00	7.75	10	4.50-18.00	7.50	8.86	104	3.50-8.50	6.00	5.55
STATE	86	3.50-25.00	10.00	9.39	55	4.50-20.00	¹	10.00	620	2.00-25.00	5.00	5.44

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	65	3.00-12.00	5.00	5.19	31	4.50-20.00	7.00	7.42	27	5.00-20.00	7.00	8.02
WC	55	3.00-15.00	5.00	5.40	39	5.00-12.00	6.00	7.04	46	3.00-12.00	7.50	7.16
EC	111	3.00-15.00	¹	5.50	73	5.00-22.00	7.00	7.30	77	4.00-25.00	7.00	7.58
RRV	68	4.00-7.00	6.00	5.54	65	5.50-17.50	7.00	7.26	58	5.75-20.00	7.00	7.32
STATE	299	3.00-15.00	5.00	5.42	208	4.50-22.00	7.00	7.26	208	3.00-25.00	7.00	7.47

Region	Mowing & 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	35	5.00-15.00	8.00	9.37	34	3.00-15.00	¹	10.12	11	0.50-5.00	1.00	1.89
WC	25	4.00-15.00	10.00	9.95	10	5.00-14.00	¹	8.45	10	0.40-7.00	1.00	2.02
EC	24	5.00-15.00	10.00	9.93	13	3.00-12.00	¹	7.46	10	0.25-2.75	¹	1.20
RRV	9	2.50-14.00	¹	10.00	3	²	²	²	4	0.30-6.00	¹	2.76
STATE	93	2.50-15.00	10.00	9.73	60	2.50-15.00	¹	9.13	35	0.25-7.00	1.00	1.83

Region	Round Baling 1,500 Lbs or Less				Round Baling Over 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	56	4.00-12.50	10.00	8.13	38	4.75-15.00	8.00	8.70	50	50.00-300.00	150.00	145.66
WC	54	5.00-25.00	10.00	9.04	28	5.00-12.00	10.00	8.44	39	65.00-280.00	¹	151.80
EC	54	3.00-15.00	7.00	7.69	46	4.00-25.00	8.00	9.77	42	75.00-250.00	150.00	155.83
RRV	14	4.00-15.00	¹	7.61	8	4.00-22.50	7.00	9.56	12	25.00-250.00	125.00	136.67
STATE	178	3.00-25.00	8.00	8.23	120	4.00-25.00	8.00	9.11	143	25.00-300.00	150.00	149.57

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	29	0.02-1.00	0.10	0.16	65	5.00-200.00	60.00	55.38	51	40.00-175.00	80.00	92.90
WC	18	0.03-0.50	0.05	0.13	56	12.00-150.00	¹	52.32	55	40.00-200.00	100.00	97.36
EC	28	0.05-0.16	0.05	0.09	52	10.00-100.00	50.00	50.94	50	25.00-175.00	100.00	88.50
RRV	17	0.03-0.80	0.10	0.15	20	5.00-100.00	50.00	47.23	16	22.50-120.00	100.00	84.84
STATE	92	0.02-1.00	0.10	0.13	193	5.00-200.00	50.00	52.45	172	22.50-200.00	100.00	92.30

¹ Data not available due to multiple rates being reported at the highest frequency. ² Withheld due to insufficient data.