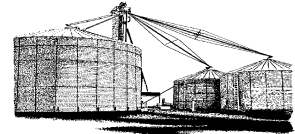




# South Dakota 2004 CUSTOM RATES



Released: September 2004

### The Survey:

This report summarizes data collected from South Dakota farmers, ranchers, and agribusinesses during June and July by the USDA's South Dakota Agricultural Statistics Service. This project was a joint effort in conjunction with the South Dakota State University Cooperative Extension Service and Economics Department. These entities provided supporting funds for the project, as well as technical advice. All parties would like to thank those who supplied data.

Custom rate information for various farming services was collected from a cross-section of producers, agribusinesses, implement dealers, and chemical applicators. Three thousand four hundred questionnaires were mailed and 2,069 mail and telephone responses were summarized. The survey was designed to provide state and regional averages.

### The Data:

This publication lists the number of responses, range in rates, average rates, and the three most frequently reported rates at the state level. The regional data format follows that of the state data, however only the most frequent rates are shown. Extremely low or high values which may have been misreported or represented unusual situations were excluded.

Custom rates included: charges for use of equipment and tractor or other power unit, time spent by operator, supplies furnished (such as fuel and wire or twine), plus an allowance for risk and overhead. Cost of any applied material such as seed, fertilizer, or other chemicals was not included in the rate charged.

### Commentary:

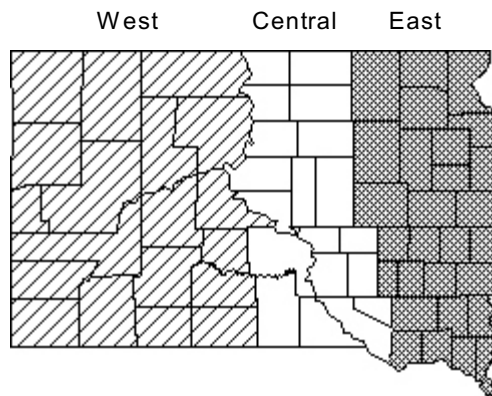
Custom rates vary due to supply, demand, and the variability in the following operating conditions:

- Size, shape, and topography of field.
- Size and types of equipment used.
- Crop condition and yield.
- Weather during the season.
- Distance to job.
- Profits expected by custom operator.

Exchange work between farmers was not considered custom work. However, some lower rates reported may represent work by neighbors at reduced rates. Higher rates within a range are more likely to be custom operators covering all costs including a return on investment, labor, and management.

This summary makes no attempt to evaluate fairness of rates being charged nor is it an attempt to establish rates for any area of the state.

### REGIONS UTILIZED IN THIS REPORT



*This Custom Rates Survey was funded by  
South Dakota State University Cooperative Extension Service.*



**CUSTOM FARMING RATES**  
**Statewide Averages, South Dakota, 2004**

Operation	Number of Reports	Range in Reported Rates	Average Rate	Most Frequent Rates Reported		
				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>
<b>FIELD TILLAGE OPERATIONS</b>						
----- No. ----- Dollars Per Acre -----						
Primary Tillage (Deep)						
Plowing (Moldboard)	88	5.00 - 25.00	11.54	10.00	12.00	15.00*
Alfalfa Sod Breaking (Moldboard)	69	4.00 - 30.00	12.86	12.00	10.00	15.00
Heavy Disking	165	2.50 - 15.00	8.39	10.00	8.00	7.00
Chisel Plowing	188	2.00 - 25.00	8.64	10.00	8.00	7.00
Sub Soiling (16-20 inches)	91	7.00 - 28.00	13.03	12.00	15.00	10.00
Disk/Chisel Plowing	126	2.00 - 25.00	9.96	10.00	12.00	8.00
Secondary Tillage (Shallow)						
Field Cultivator	245	2.00 - 15.00	7.01	6.00	7.00	8.00
Disking: One-way	71	2.00 - 15.00	7.39	8.00	5.00	7.00*
Disking: Tandem	234	2.00 - 16.00	7.89	8.00	10.00	6.00
Rod Weeder	22	2.00 - 12.00	6.59	5.00	6.00*	10.00*
Rotary Hoe	60	1.25 - 12.00	5.45	5.00	8.00	4.00
Harrowing	104	1.00 - 10.00	4.49	5.00	4.00	3.00
Row Crop Cultivation	95	2.50 - 15.00	6.55	5.00	6.00*	8.00*
<b>SMALL GRAIN SEEDING W/FERTILIZER</b>						
Regular Drilling						
Drilling Only	119	4.00 - 20.00	10.40	10.00	12.00	11.00
Tilling and Seeding Combined	43	5.00 - 24.00	12.53	12.00	14.00*	11.00*
Air Seeder						
Seeding Only	193	3.50 - 22.00	10.79	12.00	10.00	11.00
Tilling and Seeding Combined	46	6.00 - 25.00	12.16	12.00	10.00	11.00
No-Till Drill	269	5.00 - 25.00	11.40	12.00	10.00	11.00
Hoe Drill	27	4.00 - 15.00	10.44	12.00	9.00*	8.00*
<b>SMALL GRAIN SEEDING W/O FERTILIZER</b>						
Regular Drilling						
Drilling Only	204	1.50 - 15.00	8.75	10.00	8.00	9.00*
Tilling and Seeding Combined	59	2.50 - 22.00	11.28	10.00	12.00	15.00
Air Seeder						
Seeding Only	184	4.00 - 15.00	9.99	10.00	12.00	11.00
Tilling and Seeding Combined	53	5.00 - 24.00	11.37	10.00	12.00	9.00
No-Till Drill	359	2.50 - 20.00	10.48	10.00	12.00	11.00
Hoe Drill	40	2.50 - 14.00	8.74	10.00	8.00*	12.00*
<b>ROW CROP PLANTING W/FERTILIZER</b>						
Regular	234	4.50 - 20.00	10.53	10.00	12.00	11.00
Drilling Soybeans	144	6.00 - 20.00	10.92	12.00	10.00	11.00
No-Till	284	6.00 - 25.00	11.50	10.00	12.00	11.00
<b>ROW CROP PLANTING W/O FERTILIZER</b>						
Regular	362	2.00 - 15.00	9.68	10.00	8.00	12.00
Drilling Soybeans	239	2.00 - 17.00	10.39	10.00	12.00	8.00
No-Till	314	2.50 - 20.00	10.74	10.00	12.00	11.00

\* See all footnotes on Page 6.

**CUSTOM FARMING RATES**  
**Statewide Averages, South Dakota, 2004**

Operation	Number of Reports	Range in Reported Rates	Average Rate	Most Frequent Rates Reported		
				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>
<b>FERTILIZER APPLICATION</b>						
	-- No. --	-----	-Dollars Per Acre-	-----	-----	-----
Dry Fertilizers						
Broadcast	1000	0.50 - 12.00	3.95	4.00	3.50*	4.50*
Deep Banded	106	1.50 - 20.00	10.06	14.00	10.00	15.00
Liquid Fertilizers (Broadcast)	514	1.75 - 12.00	4.19	4.00	4.50	4.25
Anhydrous Ammonia						
With Knife Applicator	105	1.00 - 14.00	6.02	6.00	7.00*	4.50*
While Chiseling	43	1.00 - 18.00	8.58	8.00*	12.00*	10.00
Rental						
Fertilizer Cart	363	0.25 - 12.00	1.37	1.00	1.50	0.50
Anhydrous Ammonia Applicator	97	0.50 - 13.00	2.43	1.00	2.00	1.50
<b>PESTICIDE APPLICATION</b>						
Surface Vehicles						
Liquid						
Herbicides						
Broadcast or banded (only)	981	1.00 - 9.20	4.17	4.00	4.50	4.25
Broadcast and incorporated	90	2.00 - 13.00	5.59	4.00	4.50	5.00
Insecticides						
Broadcast or banded (only)	612	2.00 - 13.00	4.24	4.00	4.50	4.25
Broadcast and incorporated	68	3.50 - 13.00	5.54	4.50	4.00	4.25
Dry						
Herbicides						
Broadcast or banded (only)	242	1.00 - 10.00	4.15	4.00	4.50	3.50
Broadcast and incorporated	53	2.00 - 13.00	5.82	4.00	5.00*	4.50*
Insecticides						
Broadcast or banded (only)	167	2.50 - 16.00	4.37	4.00	4.50	5.00
Broadcast and incorporated	40	3.50 - 13.00	5.85	4.50	5.00	4.00
Fungicides	312	2.00 - 10.35	4.30	4.00	4.50	4.25
Aircraft						
1 Gallon	183	1.00 - 15.00	5.01	5.00	4.00	5.50
2-3 Gallons	217	3.00 - 14.00	5.43	5.00	5.50	4.50
4-5 Gallons	142	2.00 - 13.00	5.74	5.00	5.50	6.50
Over 5 Gallons	68	4.00 - 17.00	6.26	6.00*	5.00*	4.50
<b>HAY &amp; SILAGE OPERATIONS</b>						
Mowing (w/Tractor)	137	2.00 - 12.00	6.55	5.00	7.00	6.00
Mowing & Conditioning (w/Tractor)	300	3.50 - 15.00	8.57	8.00	10.00	7.00
Swathing (Self-Propelled)	220	1.50 - 15.00	7.81	8.00	7.00	10.00
Swathing & Conditioning (Self-Propelled)	250	3.50 - 15.00	8.46	8.00	10.00	7.00
Raking	212	0.25 - 10.00	3.48	3.00	4.00	2.00
Baling						
		-----	-Dollars Per Bale-	-----	-----	-----
Small Square Bales (Under 100 lbs.)	130	0.15 - 4.00	0.58	0.50	0.40*	0.35*
Large Square Bales (Up to 1000 lbs.)	111	2.00 - 12.00	6.40	6.00	5.00	7.00
Large Square Bales (Over 1000 lbs.)	95	2.00 - 15.00	7.32	6.00	8.00*	5.00*
Round Bales (800-999 lbs.)	107	2.00 - 15.50	5.77	5.00	6.00	7.00
Round Bales (1000-1500 lbs.)	487	2.00 - 20.00	6.30	6.00	5.00	7.00
Round Bales (Over 1500 lbs.)	363	4.00 - 20.00	6.97	6.00	7.00	8.00
Chopping Silage (Corn or Sorghum)						
		-----	-Dollars Per Unit -	-----	-----	-----
Field Chopping Only - Per Acre	60	9.00 - 60.00	24.90	30.00	25.00	20.00*
Field Chopping Only - Per Ton	32	2.00 - 20.00	5.83	5.00	4.50*	4.00*
Field Chopping & Hauling to Silo/Pile - Per Acre	89	8.00 - 90.00	32.88	35.00	25.00*	20.00*
Field Chopping & Hauling to Silo/Pile - Per Ton	68	2.00 - 15.00	5.52	5.00	4.00	6.00

## CUSTOM FARMING RATES

### Statewide Averages, South Dakota, 2004

Operation	Number of Reports	Range in Reported Rates	Average Rate	Most Frequent Rates Reported				
				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>		
-- No. ----- Cents Per Bushel -----								
<b>GRAIN BIN RENTAL</b>								
Grain Bin Rental 1/	410	1.00 - 7.00	2.36	3.00	1.00	2.00		
----- Dollars Per Acre -----								
<b>GRAIN &amp; OILSEED HARVESTING</b>								
Small Grains								
From Swath	238	4.00 - 26.00	15.60	18.00	15.00	16.00		
Straight	621	6.00 - 28.00	16.36	18.00	15.00	16.00		
Corn for Grain	770	6.00 - 30.00	18.82	20.00	18.00	15.00		
Soybeans	762	5.00 - 25.00	18.89	20.00	18.00	22.00		
Sunflower	215	6.00 - 30.00	17.93	20.00	18.00	15.00		
Sorghum	115	5.00 - 25.00	17.59	20.00	18.00	15.00		
Picking Ear Corn	48	8.00 - 40.00	17.32	18.00*	20.00*	12.00		
Swathing Grain (Wheat, Oats, Barley)								
Self-Propelled	184	3.00 - 20.00	7.85	6.00	7.00	8.00		
Pull-type (PTO Unit)	100	2.00 - 20.00	7.28	7.00*	6.00*	8.00		
----- Cents Per Unit -----								
<b>HAULING CHARGES</b>								
Crops								
All Wheat - Per Bushel	359	3.00 - 36.00	11.43	10.00	12.00	15.00*		
Other Small Grains - Per Bushel	235	3.00 - 30.00	10.76	10.00	12.00	15.00		
Sunflower - Per Cwt.	130	3.00 - 40.00	12.05	10.00	15.00	5.00		
Corn - Per Bushel	397	2.00 - 41.00	9.42	10.00	5.00	7.00*		
Soybeans - Per Bushel	365	2.00 - 30.00	9.60	10.00	5.00	6.00		
Hay								
----- Hauling Charge, Dollars Per Bale -----								
Small Square Bales	12	0.15 - 3.00	1.21	0.35	1.00*	1.50*		
Large Square Bales	18	0.63 - 6.00	2.82	2.00	5.00*	6.00*		
Large Round Bales	52	0.50 - 10.00	2.87	2.00	1.00	3.00		
Round Bales								
----- Loading Charge, Dollars Per Load -----								
Less Than 10 Tons	18	10.00 - 50.00	19.64	20.00	15.00	25.00	32	2.46
10-20 Tons	128	10.00 - 80.00	23.23	25.00	20.00	30.00	167	3.10
Over 20 Tons	84	10.00 - 100.00	27.02	25.00	20.00	30.00*	150	2.85
Cattle								
----- Hauling Charge, Dollars Per Mile -----								
Gooseneck Trailer	19	1.00 - 3.00	2.01	2.00	1.50*	3.00*	19	134
Semi Trailer	96	0.26 - 6.00	2.72	2.00	2.50*	2.25*	96	466
----- Dollars Per Head -----								
<b>LIVESTOCK AND FEED OPERATIONS</b>								
Branding	45	0.02 - 6.00	2.17	1.00	3.00	2.00		
Shearing Sheep	75	1.00 - 4.50	2.51	3.00	2.50	2.25		
Custom Feeding of Cattle								
----- Dollars Per Head Per Day -----								
Weaned Calves	130	0.02 - 1.00	0.30	0.25	0.20	0.30		
Yearlings	120	0.06 - 1.85	0.35	0.25	0.20	0.30		
Cull Cows	62	0.10 - 1.00	0.34	0.25	0.20	1.00		
Wintering Pregnant Beef Cows	83	0.15 - 1.50	0.59	0.25	1.00	0.20		
Tub Grinding Hay								
----- Dollars Per Hour -----								
Farmer Supplies PTO Power	46	22.00 - 135.00	65.83	100.00	50.00	65.00*		
Custom Operator Supplies PTO Power	175	10.00 - 250.00	101.63	100.00	120.00	90.00		
Self Contained Unit	470	25.00 - 300.00	116.57	100.00	120.00	125.00		

**CUSTOM FARMING RATES**  
**Statewide Averages, South Dakota, 2004**

Operation	Number of Reports	Range in Reported Rates	Average Rate	Most Frequent Rates Reported		
				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>
<b>MACHINE RENTAL</b>						
-- No. ----- Dollars Per Unit -----						
Tractor - Per Horsepower Hour	103	0.07 - 1.00	0.20	0.15	0.10	0.17
Under 75 Horsepower - Per Tachometer Hour	43	7.00 - 70.00	19.83	18.00*	15.00*	7.50*
75 - 120 Horsepower - Per Tachometer Hour	71	5.00 - 50.00	20.68	20.00	25.00	15.00*
121 - 150 Horsepower - Per Tachometer Hour	87	10.00 - 65.00	26.27	25.00	30.00	20.00
Over 150 Horsepower - Per Tachometer Hour	119	2.50 - 100.00	34.70	30.00	35.00	25.00
Skid-Steer Loader						
Small - Under 30 Horsepower - Per Day	26	3.00 - 250.00	100.92	100.00	150.00	80.00*
Large - Over 30 Horsepower - Per Day	45	15.00 - 400.00	131.48	150.00	30.00*	300.00*
Combine - Per Separator Hour	165	12.00 - 150.00	93.99	100.00	90.00	120.00
Swather (Self-Propelled) - Per Tachometer Hour	22	5.00 - 65.00	26.43	50.00	35.00*	9.00*
Swather (Pull-Type) - Per Acre	26	1.75 - 10.00	5.82	7.00	5.00	6.00
Disk Ripper - Per Acre	40	1.00 - 18.00	7.93	7.00	8.00	10.00
<b>MISCELLANEOUS</b>						
----- Cents Per Gross Bushel -----						
Cleaning Grain (Wheat, Barley, Oats)						
Certified Seed	183	3.00 - 80.00	34.95	35.00	30.00	50.00
Non-certified Seed	111	2.00-75.00	29.79	35.00	25.00	30.00
Pneumatic (Vacuum) Handling of Grain	173	1.00 - 40.00	6.18	5.00	6.00	3.00
Snow Removal						
----- Dollars Per Hour -----						
Tractor Blower	161	4.00 - 150.00	58.76	60.00	50.00	40.00
Front-End Loader	123	5.00 - 150.00	48.74	50.00	40.00	30.00
Industrial Loader (Pay Loader)	92	20.00 - 180.00	72.50	100.00	60.00	50.00
Rock Picking	42	4.00 - 110.00	31.24	50.00*	10.00*	40.00*
Loader Work						
Skid Loader	123	10.00 - 105.00	40.40	50.00	25.00	30.00
Tractor Loader	80	12.00 - 100.00	48.26	50.00	25.00	40.00
Industrial Loader (Pay Loader)	126	10.00 - 180.00	73.31	75.00	100.00	60.00
Bulldozer Work	105	25.00 - 250.00	91.40	100.00	80.00	75.00
Manure Hauling & Spreading						
Dry Manure Hauling (Tractor-Spreader)	27	6.00 - 175.00	46.63	40.00*	15.00*	10.00*
Dry Manure Hauling (Truck-Mounted)	54	8.50 - 200.00	44.05	25.00	30.00*	28.00*
Liquid Manure Hauling (without injectors)	10	15.00 - 110.00	51.80	50.00*	60.00*	15.00*
Liquid Manure Hauling (with injectors)	8	15.00 - 125.00	61.25	25.00*	100.00*	60.00*
Pit Cleaning & Field Applied	4	80.00 - 140.00	100.00	80.00	100.00*	140.00*
----- Cents Per Gallon -----						
Unbilical System (Custom operator provides all equipment)	10	1.00 - 8.00	5.30	7.00	1.00	5.00*

## CUSTOM FARMING RATES Regional Averages, South Dakota, 2004

### FIELD TILLAGE OPERATIONS

Region	Plowing (Moldboard)				Alfalfa Sod Breaking (Moldboard)				Heavy Disking			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Acre-----				----- Dollars Per Acre-----				----- Dollars Per Acre-----			
West	19	8.00 - 22.50	10.00	13.84	15	4.00 - 20.00	10.00	12.77	31	3.00 - 15.00	8.00	7.92
Central	16	6.00 - 20.00	12.00	10.72	10	8.00 - 20.00	15.00	13.75	39	2.50 - 15.00	8.00	7.88
East	53	5.00 - 25.00	10.00	10.96	44	6.00 - 30.00	12.00	12.69	95	3.00 - 13.00	10.00	8.76
State	88	5.00 - 25.00	10.00	11.54	69	4.00 - 30.00	12.00	12.86	165	2.50 - 15.00	10.00	8.39

Region	Chisel Plowing				Sub Soiling				Disk/Chisel Plowing			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Acre-----				----- Dollars Per Acre-----				----- Dollars Per Acre-----			
West	35	3.13 - 20.00	8.00	8.26	15	8.00 - 25.00	10.00	12.87	13	5.00 - 25.00	10.00	10.31
Central	38	2.00 - 15.00	6.00	7.79	12	7.00 - 28.00	15.00	13.33	24	2.00 - 15.00	8.00	8.16
East	115	4.00 - 25.00	10.00	9.04	64	7.00 - 25.00	12.00	13.02	89	4.36 - 20.00	12.00	10.40
State	188	2.00 - 25.00	10.00	8.64	91	7.00 - 28.00	12.00	13.03	126	2.00 - 25.00	10.00	9.96

Region	Field Cultivator				Disking: One-Way				Disking: Tandem			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Acre-----				----- Dollars Per Acre-----				----- Dollars Per Acre-----			
West	31	3.00 - 15.00	8.00	7.20	16	4.00 - 10.00	8.00	7.00	32	2.00 - 16.00	8.00	8.22
Central	47	2.00 - 10.00	6.00	6.36	18	2.50 - 10.00	5.00	6.31	58	2.00 - 13.00	8.00	7.55
East	167	2.00 - 13.00	6.00	7.16	37	2.00 - 15.00	8.00	8.09	144	2.75 - 15.00	10.00	7.96
State	245	2.00 - 15.00	6.00	7.01	71	2.00 - 15.00	8.00	7.39	234	2.00 - 16.00	8.00	7.89

Region	Rotary Hoe				Harrowing				Row Crop Cultivation			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Acre-----				----- Dollars Per Acre-----				----- Dollars Per Acre-----			
West	9	3.00 - 8.00	8.00	5.86	20	1.00 - 8.00	4.00	4.28	9	5.00 - 15.00	8.00	8.11
Central	14	1.50 - 9.00	5.00	5.54	36	2.00 - 9.00	5.00	4.53	30	3.00 - 15.00	6.00	6.32
East	37	1.25 - 12.00	4.00	5.32	48	1.25 - 10.00	4.00	4.55	56	2.50 - 15.00	5.00	6.43
State	60	1.25 - 12.00	5.00	5.45	104	1.00 - 10.00	5.00	4.49	95	2.50 - 15.00	5.00	6.55

\* When two or more rates were reported equal times, the rate closest to the average was used for "Most Frequent" rate reported.

1/ Responses were rounded to nearest penny.

2/ No reoccurring rates.

## CUSTOM FARMING RATES Regional Averages, South Dakota, 2004

### SMALL GRAIN SEEDING

Region	Drilling Only w/ Fertilizer				Drilling Only w/o Fertilizer				Tilling and Seeding w/ Fertilizer			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Acre-----				----- Dollars Per Acre-----				----- Dollars Per Acre-----			
West	17	5.75 - 20.00	7.00	10.19	42	1.50 - 15.00	8.00	7.70	7	6.00 - 20.00	11.00	11.36
Central	44	6.50 - 14.00	10.00	10.78	69	3.00 - 12.00	10.00	8.75	10	5.00 - 24.00	14.00	13.60
East	58	4.00 - 14.50	10.00	10.17	93	3.50 - 14.00	10.00	9.23	26	7.00 - 22.00	12.00	12.44
State	119	4.00 - 20.00	10.00	10.40	204	1.50 - 15.00	10.00	8.75	43	5.00 - 24.00	12.00	12.53

Region	Tilling and Seeding w/o Fertilizer				Air seeding w/ Fertilizer (Seeding Only)				Air seeding w/o Fertilizer (Seeding Only)			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Acre-----				----- Dollars Per Acre-----				----- Dollars Per Acre-----			
West	14	2.50 - 18.00	8.50	9.82	26	6.00 - 15.00	10.00	10.46	28	4.00 - 12.50	10.00	8.84
Central	14	3.00 - 21.00	10.00	11.36	86	5.00 - 22.00	10.00	11.19	65	4.00 - 15.00	10.00	10.27
East	31	6.00 - 22.00	10.00	11.90	81	3.50 - 15.00	12.00	10.47	91	4.00 - 15.00	10.00	10.15
State	59	2.50 - 22.00	10.00	11.28	193	3.50 - 22.00	12.00	10.79	184	4.00 - 15.00	10.00	9.99

Region	Air seeding w/o Fertilizer (Tilling and Seeding)				No-Till Drill w/ Fertilizer				No-Till Drill w/o Fertilizer			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Acre-----				----- Dollars Per Acre-----				----- Dollars Per Acre-----			
West	8	5.00 - 17.00	9.00	9.88	32	6.00 - 16.00	12.00	11.09	41	5.00 - 18.00	10.00	9.71
Central	15	5.00 - 17.00	10.00	11.20	108	7.00 - 15.00	10.00	11.10	113	2.50 - 15.00	10.00	10.26
East	30	7.00 - 24.00	12.00	11.85	129	5.00 - 25.00	12.00	11.73	205	4.64 - 20.00	10.00	10.76
State	53	5.00 - 24.00	10.00	11.37	269	5.00 - 25.00	12.00	11.40	359	2.50 - 20.00	10.00	10.48

### ROW CROP SEEDING

Region	Regular Planting w/ Fertilizer				Regular Planting w/o Fertilizer				Drilling Soybeans w/ Fertilizer			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Acre-----				----- Dollars Per Acre-----				----- Dollars Per Acre-----			
West	19	6.00 - 16.00	10.00	9.78	21	7.00 - 15.00	8.00	9.73	3	9.00 - 15.00	2/	11.67
Central	83	4.50 - 18.00	10.00	10.69	94	2.00 - 15.00	10.00	9.54	55	6.00 - 15.00	10.00	10.76
East	132	6.00 - 20.00	10.00	10.55	247	4.00 - 15.00	10.00	9.72	86	7.00 - 20.00	12.00	11.00
State	234	4.50 - 20.00	10.00	10.53	362	2.00 - 15.00	10.00	9.68	144	6.00 - 20.00	12.00	10.92

Region	Drilling Soybeans w/o Fertilizer				No-Till w/ Fertilizer				No-Till w/o Fertilizer			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Acre-----				----- Dollars Per Acre-----				----- Dollars Per Acre-----			
West	4	10.00 - 15.00	2/	12.50	15	8.25 - 15.00	10.00	11.38	14	6.00 - 20.00	10.00	10.80
Central	52	2.00 - 13.50	10.00	10.17	134	6.00 - 25.00	12.00	11.34	106	2.50 - 20.00	10.00	10.44
East	183	5.00 - 17.00	10.00	10.40	135	7.00 - 20.00	10.00	11.68	194	6.00 - 17.50	10.00	10.90
State	239	2.00 - 17.00	10.00	10.39	284	6.00 - 25.00	10.00	11.50	314	2.50 - 20.00	10.00	10.74

## CUSTOM FARMING RATES Regional Averages, South Dakota, 2004

### APPLICATION OF FERTILIZERS AND CHEMICALS

Region	Dry - Broadcast				Dry - Deep Banded				Liquid - Broadcast			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Acre-----				----- Dollars Per Acre-----				----- Dollars Per Acre-----			
West	96	2.50 - 10.00	3.50	3.87	2	5.00 - 15.00	2/	10.00	47	3.00 - 6.00	4.00	3.98
Central	263	2.00 - 9.25	4.00	3.89	10	2.00 - 12.00	6.00	6.05	145	1.75 - 7.00	4.00	4.15
East	641	0.50 - 12.00	4.00	3.98	94	1.50 - 20.00	14.00	10.49	322	2.00 - 12.00	4.00	4.24
State	1,000	0.50 - 12.00	4.00	3.95	106	1.50 - 20.00	14.00	10.06	514	1.75 - 12.00	4.00	4.19

Region	Anhydrous Ammonia w/ Knife Applicator				Fertilizer Cart Rental				Anhydrous Ammonia Applicator Rental			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Acre-----				----- Dollars Per Acre-----				----- Dollars Per Acre-----			
West	4	1.00 - 7.00	2/	4.38	15	0.50 - 5.00	1.00	1.38	5	0.75 - 4.50	2/	2.00
Central	17	1.00 - 12.00	7.00	6.32	71	0.25 - 5.00	1.00	1.35	19	0.50 - 10.00	1.00	2.42
East	84	1.00 - 14.00	6.00	6.04	277	0.25 - 12.00	1.00	1.37	73	0.75 - 13.00	1.00	2.47
State	105	1.00 - 14.00	6.00	6.02	363	0.25 - 12.00	1.00	1.37	97	0.50 - 13.00	1.00	2.43

### APPLICATION OF PESTICIDES

#### Pesticides Applied by Surface Vehicles

Region	Herbicides - Broadcast or Banded (Liquid)				Herbicides - Broadcast or Banded (Dry)				Herbicides - Broadcast & Incorporated (Liquid)			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Acre-----				----- Dollars Per Acre-----				----- Dollars Per Acre-----			
West	106	2.75 - 9.20	4.00	4.07	25	3.00 - 9.20	4.00	4.25	4	3.75 - 7.00	2/	5.06
Central	257	2.00 - 6.00	4.00	4.11	59	3.00 - 5.50	4.00	4.13	31	3.50-13.00	4.00	5.30
East	618	1.00 - 8.50	4.00	4.22	158	1.00 - 10.00	4.00	4.14	55	2.00-12.50	3.50	5.80
State	981	1.00 - 9.20	4.00	4.17	242	1.00 - 10.00	4.00	4.15	90	2.00-13.00	4.00	5.59

Region	Insecticides - Broadcast or Banded (Liquid)				Insecticides - Broadcast or Banded (Dry)				Fungicides			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Acre-----				----- Dollars Per Acre-----				----- Dollars Per Acre-----			
West	50	3.00 - 9.20	4.00	4.11	12	3.25 - 10.00	4.00	4.86	19	3.00 - 9.20	4.50	4.25
Central	159	2.00 - 13.00	4.00	4.23	43	3.10 - 13.00	4.00	4.40	90	2.00 - 10.00	4.00	4.30
East	403	2.25 - 8.50	4.00	4.26	112	2.50 - 16.00	4.00	4.31	203	2.73 - 10.35	4.00	4.30
State	612	2.00 - 13.00	4.00	4.24	167	2.50 - 16.00	4.00	4.37	312	2.00 - 10.35	4.00	4.30

#### Pesticides Applied by Aircraft

Region	1 Gallon				2 - 3 Gallon				4 - 5 Gallon			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Acre-----				----- Dollars Per Acre-----				----- Dollars Per Acre-----			
West	25	3.00 - 10.00	3.50	4.42	25	3.00 - 9.50	4.00	4.89	10	2.00 - 6.25	5.30	4.84
Central	71	2.50 - 15.00	4.00	4.69	61	3.00 - 14.00	4.50	4.80	47	3.50 - 10.00	5.00	5.40
East	87	1.00 - 13.00	5.00	5.43	131	3.75 - 12.50	5.00	5.83	85	4.00 - 13.00	5.00	6.03
State	183	1.00 - 15.00	5.00	5.01	217	3.00 - 14.00	5.00	5.43	142	2.00 - 13.00	5.00	5.74



## CUSTOM FARMING RATES Regional Averages, South Dakota, 2004

### HAYING AND SILAGE OPERATIONS

Region	Mowing w/ Tractor				Mowing & Conditioning w/ Tractor				Swathing Hay			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Acre-----				----- Dollars Per Acre-----				----- Dollars Per Acre-----			
West	23	4.00 - 11.00	7.00	6.57	37	4.00 - 14.00	6.00	8.24	42	4.50 - 14.00	7.00	7.93
Central	38	2.00 - 12.00	5.00	6.28	89	3.50 - 14.00	8.00	8.60	52	4.00 - 14.00	8.00	7.73
East	76	2.00 - 12.00	5.00	6.68	174	4.50 - 15.00	8.00	8.61	126	1.50 - 15.00	8.00	7.80
State	137	2.00 - 12.00	5.00	6.55	300	3.50 - 15.00	8.00	8.57	220	1.50 - 15.00	8.00	7.81

Region	Swathing & Conditioning Hay				Raking				Baling Small Squares (Under 100 lbs.)			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Acre-----				----- Dollars Per Acre-----				----- Dollars Per Bale-----			
West	64	4.00 - 15.00	8.00	8.32	32	0.25 - 8.00	4.00	3.69	11	0.30 - 1.90	0.50	0.77
Central	60	3.50 - 14.00	8.00	8.23	54	1.00 - 10.00	3.00	3.39	34	0.20 - 4.00	0.50	0.70
East	126	5.00 - 15.00	8.00	8.63	126	1.00 - 10.00	3.00	3.46	85	0.15 - 1.50	0.50	0.50
State	250	3.50 - 15.00	8.00	8.46	212	0.25 - 10.00	3.00	3.48	130	0.15 - 4.00	0.50	0.58

Region	Baling Large Squares (Up to 1,000 lbs.)				Baling Large Squares (Over 1,000 lbs.)				Baling large Rounds (800-999 lbs.)			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Bale-----				----- Dollars Per Bale-----				----- Dollars Per Bale-----			
West	8	5.00 - 10.00	5.00	6.69	10	4.50 - 15.00	8.00	8.35	12	2.00 - 15.50	5.00	6.83
Central	28	2.00 - 10.00	7.00	6.39	18	2.00 - 12.00	5.00	6.58	24	3.00 - 8.00	5.00	5.24
East	75	3.50 - 12.00	6.00	6.37	67	5.00 - 15.00	6.00	7.36	71	4.00 - 10.00	5.00	5.76
State	111	2.00 - 12.00	6.00	6.40	95	2.00 - 15.00	6.00	7.32	107	2.00 - 15.50	5.00	5.77

Region	Baling Large Rounds (1,000-1,500 lbs.)				Baling Large Rounds (Over 1,500 lbs.)				Chopping Silage (Chopping & Hauling to Silo)			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Acre-----				----- Dollars Per Acre-----				----- Dollars Per Acre-----			
West	87	2.50 - 20.00	6.00	7.07	38	4.50 - 20.00	6.00	8.48	6	15.00 - 50.00	35.00	34.67
Central	123	2.00 - 13.00	6.00	5.82	102	4.00 - 10.00	6.00	6.28	39	17.00 - 75.00	35.00	33.15
East	277	3.50 - 12.00	6.00	6.28	223	4.00 - 20.00	6.00	7.02	44	8.00 - 90.00	20.00	32.39
State	487	2.00 - 20.00	6.00	6.30	363	4.00 - 20.00	6.00	6.97	89	8.00 - 90.00	35.00	32.88

Region	Grinding Hay - Custom Op Supply PTO				Grinding Hay - Self Contained Unit				Manure Hauling-Dry, Truck-Mounted Spreader			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Acre-----				----- Dollars Per Acre-----				----- Dollars Per Acre-----			
West	30	55.00 - 160.00	100.00	97.83	91	25.00 - 300.00	100.00	123.41	5	30.00 - 200.00	2/	69.60
Central	47	45.00 - 200.00	100.00	107.13	142	50.00 - 230.00	100.00	117.87	19	15.00 - 125.00	25.00	45.03
East	98	10.00 - 250.00	100.00	100.15	237	40.00 - 200.00	100.00	113.16	30	8.50 - 125.00	25.00	39.17
State	175	10.00 - 250.00	100.00	101.63	470	25.00 - 300.00	100.00	116.57	54	8.50 - 200.00	25.00	44.05

## CUSTOM FARMING RATES Regional Averages, South Dakota, 2004

### GRAIN AND OILSEED HARVESTING AND HAULING

Region	Small Grain (From Swath)				Small Grain (Straight)				Corn for Grain			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Acre-----				----- Dollars Per Acre-----				----- Dollars Per Acre-----			
West	30	4.00 - 25.00	16.00	13.72	105	6.00 - 26.00	14.00	15.21	33	7.00 - 27.50	20.00	17.77
Central	71	5.00 - 26.00	18.00	16.33	227	6.00 - 25.00	18.00	16.56	222	6.00 - 25.00	20.00	18.25
East	137	5.00 - 26.00	18.00	15.64	289	8.00 - 28.00	18.00	16.62	515	10.00 - 30.00	20.00	19.13
State	238	4.00 - 26.00	18.00	15.60	621	6.00 - 28.00	18.00	16.36	770	6.00 - 30.00	20.00	18.82

Region	Soybeans				Sunflower				Sorghum			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Acre-----				----- Dollars Per Acre-----				----- Dollars Per Acre-----			
West	11	5.00 - 25.00	17.00	16.18	31	6.00 - 30.00	15.00	17.07	13	7.00 - 22.50	14.00	15.88
Central	195	12.00 - 25.00	20.00	18.77	120	10.00 - 25.00	20.00	18.00	63	5.00 - 25.00	20.00	17.61
East	556	10.00 - 25.00	20.00	18.99	64	11.00 - 25.00	20.00	18.20	39	11.00 - 24.00	20.00	18.13
State	762	5.00 - 25.00	20.00	18.89	215	6.00 - 30.00	20.00	17.93	115	5.00 - 25.00	20.00	17.59

Region	Swathing Grain (Self-Propelled)				Swathing Grain (Pull-Type PTO Unit)				All Wheat Hauling			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Acre-----				----- Dollars Per Acre-----				----- Cents Per Bushel-----			
West	30	5.00 - 20.00	6.00	9.24	17	5.00 - 12.00	6.00	7.26	76	5.00 - 30.00	13.00	16.53
Central	53	3.50 - 20.00	6.00	8.41	38	3.50 - 20.00	6.00	7.29	125	3.00 - 22.00	10.00	10.94
East	101	3.00 - 15.00	6.00	7.14	45	2.00 - 16.00	8.00	7.28	158	3.00 - 36.00	10.00	9.37
State	184	3.00 - 20.00	6.00	7.85	100	2.00 - 20.00	7.00	7.28	359	3.00 - 36.00	10.00	11.43

Region	Other Small Grains Hauling				Corn Hauling				Soybeans Hauling			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Cents Per Bushel-----				----- Cents Per Bushel-----				----- Cents Per Bushel-----			
West	39	6.00 - 30.00	15.00	15.44	16	6.00 - 41.00	10.00	17.00	9	10.00 - 30.00	10.00	18.89
Central	82	3.00 - 18.00	10.00	10.67	95	3.00 - 19.00	10.00	10.45	83	3.00 - 24.00	10.00	10.75
East	114	3.00 - 22.00	10.00	9.22	286	2.00 - 30.00	10.00	8.66	273	2.00 - 30.00	10.00	8.95
State	235	3.00 - 30.00	10.00	10.76	397	2.00 - 41.00	10.00	9.42	365	2.00 - 30.00	10.00	9.60

### CUSTOM FEEDING OF CATTLE

Region	Weaned Calves				Yearlings				Wintering Pregnant Beef Cows			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	--- Dollars Per Head Per Day---				--- Dollars Per Head Per Day---				--- Dollars Per Head Per Day---			
West	27	0.10 - 1.00	0.25	0.32	22	0.15 - 1.85	0.25	0.49	15	0.20 - 1.25	0.25	0.52
Central	46	0.06 - 1.00	0.25	0.29	43	0.06 - 1.25	0.25	0.31	33	0.17 - 1.50	0.25	0.65
East	57	0.02 - 1.00	0.25	0.30	55	0.10 - 1.60	0.25	0.32	35	0.15 - 1.25	0.25	0.56
State	130	0.02 - 1.00	0.25	0.30	120	0.06 - 1.85	0.25	0.35	83	0.15 - 1.50	0.25	0.59

## CUSTOM FARMING RATES Regional Averages, South Dakota, 2004

### MISCELLANEOUS OPERATIONS

Region	Certified Seed Cleaning				Non-Certified Seed Cleaning				Grain Bin Rental			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Cents Per Gross Bushel-----				----- Cents Per Gross Bushel-----				----- Cents Per Bushel-----			
West	45	10.00 - 65.00	35.00	34.20	32	2.00 - 60.00	35.00	31.25	35	1.00 - 6.00	3.00	2.46
Central	80	3.00 - 80.00	35.00	33.55	46	3.00 - 50.00	25.00	28.59	134	1.00 - 7.00	3.00	2.40
East	58	10.00 - 80.00	35.00	37.47	33	5.00 - 75.00	35.00	30.06	241	1.00 - 7.00	1.00	2.32
State	183	3.00 - 80.00	35.00	34.95	111	2.00 - 75.00	35.00	29.79	410	1.00 - 7.00	3.00	2.36

Region	Pneumatic Handling of Grain				Combine Rental				Snow Removal - Tractor Blower			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Cents Per Bushel-----				--- Dollars Per Separator Hour---				----- Dollars Per Hour-----			
West	5	2.00 - 15.00	5.00	6.20	16	12.00 - 140.00	100.00	89.97	5	4.00 - 65.00	60.00	43.80
Central	35	1.00 - 40.00	5.00	7.37	43	12.00 - 150.00	100.00	92.95	30	15.00 - 140.00	100.00	63.92
East	133	2.00 - 30.00	5.00	5.86	106	13.50 - 150.00	100.00	95.02	126	5.00 - 150.00	50.00	58.13
State	173	1.00 - 40.00	5.00	6.18	165	12.00 - 150.00	100.00	93.99	161	4.00 - 150.00	60.00	58.76

Region	Snow Removal - Front-End Loader				Snow Removal - Industrial Loader				Loader Work - Skid Loader			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Hour-----				----- Dollars Per Hour-----				----- Dollars Per Hour-----			
West	9	30.00 - 80.00	40.00	51.67	5	35.00 - 90.00	90.00	68.00	12	25.00 - 75.00	50.00	45.83
Central	22	15.00 - 150.00	50.00	55.91	26	35.00 - 180.00	100.00	75.38	36	10.00 - 105.00	25.00	39.82
East	92	5.00 - 85.00	50.00	46.74	61	20.00 - 120.00	60.00	71.64	75	15.00 - 100.00	50.00	39.81
State	123	5.00 - 150.00	50.00	48.74	92	20.00 - 180.00	100.00	72.50	123	10.00 - 105.00	50.00	40.40

Region	Loader Work - Tractor Loader				Loader Work - Industrial Loader				Bulldozer Work			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Hour-----				----- Dollars Per Hour-----				----- Dollars Per Hour-----			
West	16	25.00 - 80.00	40.00	49.06	13	35.00 - 100.00	60.00	69.23	18	40.00 - 200.00	80.00	85.11
Central	21	12.00 - 80.00	25.00	41.76	35	10.00 - 180.00	75.00	75.57	31	25.00 - 250.00	100.00	102.90
East	43	15.00 - 100.00	50.00	51.14	78	25.00 - 110.00	60.00	72.98	56	25.00 - 150.00	80.00	87.05
State	80	12.00 - 100.00	50.00	48.26	126	10.00 - 180.00	75.00	73.31	105	25.00 - 250.00	100.00	91.40

Region	Tractor: 75-120 Horsepower				Tractor: 121-150 Horsepower				Tractor: Over 150 Horsepower			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Tach Hour-----				----- Dollars Per Tach Hour-----				----- Dollars Per Tach Hour-----			
West	12	5.00 - 40.00	25.00	20.58	8	10.00 - 60.00	25.00	32.94	6	16.00 - 85.00	25.00	40.17
Central	22	12.00 - 30.00	12.00	17.98	22	12.50 - 50.00	15.00	23.18	24	14.00 - 75.00	35.00	35.33
East	37	10.00 - 50.00	20.00	22.32	57	10.00 - 65.00	25.00	26.53	89	2.50 - 100.00	30.00	34.16
State	71	5.00 - 50.00	20.00	20.68	87	10.00 - 65.00	25.00	26.27	119	2.50 - 100.00	30.00	34.70

SOUTH DAKOTA AGRICULTURAL STATISTICS SERVICE  
PO BOX 5068  
Sioux Falls, South Dakota 57117-5068  
OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE, \$300

**ADDRESS SERVICE REQUESTED**

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Carter Anderson, Director  
Stephen W. Noyes, Deputy Director