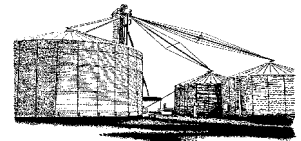




South Dakota 2000 CUSTOM RATES



Released: November 2000

The Survey:

This report summarizes data collected from 2000 South Dakota farmers, ranchers, and agribusinesses during July by the USDA's South Dakota Agricultural Statistics Service. This project was a joint effort of the Service and the Economics Department, the Cooperative Extension Service, and Extension Economics of South Dakota State University, Brookings. These entities provided supporting funds for the project, as well as technical advice. All parties extend thanks to those who supplied data.

Custom rate information was collected by questionnaires mailed to a sample of 6500 agricultural producers. Agribusinesses, such as farm input suppliers, farm machinery dealers, and elevators, were also canvassed with an abbreviated questionnaire. A sample of non-respondents were phoned to insure adequate response. The survey was designed to provide state and regional averages. Three regions, west, central, and east were identified.

The Data:

This publication lists number of responses, range in rates, average rates, and the three most frequently reported rates at the state level. Regional data are identical, except most frequent rates are not shown because of the more limited number of responses. Some extremely low or high values which may have been misreported or represented unusual situations were excluded.

Custom rates include 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 is not included in the rate charged.

Commentary:

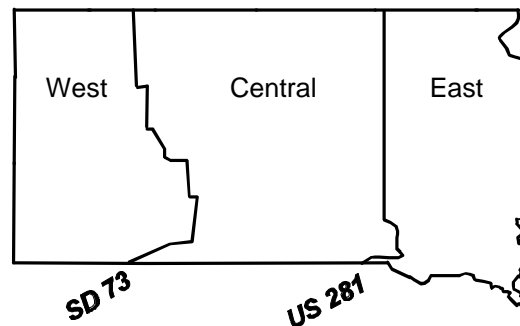
Custom rates vary due to supply and demand and also because of variability in the following operating conditions:

- 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 is 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. Use it only as a guide in arriving at an agreeable rate, in comparing ownership or leasing costs with custom work, or in "settling accounts" when farm work is exchanged.

REGIONS UTILIZED IN THIS REPORT



This Custom Rates Survey was requested and partially funded by South Dakota State University Economics Department, Cooperative Extension Service, and Extension Economics. They also provided technical guidance.



CUSTOM FARMING RATES
Statewide Averages, South Dakota, 2000

Operation	Number of Reports	Range in Reported Rates	Average Rate	Most Frequent Rates Reported				
				1 st	2 nd	3 rd		
				----- No. ----- Dollars Per Acre -----				
FIELD TILLAGE OPERATIONS								
Primary Tillage (Deep)								
Plowing (Moldboard)	98	2.75 - 20.00	10.15	10.00	12.00	8.00		
Alfalfa Sod Breaking	83	3.25 - 20.00	12.17	12.00	10.00	15.00		
Heavy Disking	168	2.00 - 18.00	7.55	8.00	6.00	10.00		
Chisel Plowing	175	3.00 - 18.00	7.79	8.00	10.00	6.00		
Sub Soiling (16-20 inches)	85	4.00 - 25.00	12.23	10.00	12.00	15.00		
Disk/Chisel Plowing	111	3.00 - 20.00	8.51	8.00	10.00	7.00		
Secondary Tillage (Shallow)								
Field Cultivator	186	2.00 - 12.00	6.05	6.00	5.00	8.00		
Disking: One-way	64	1.75 - 12.00	6.51	6.00	8.00	5.00		
Disking: Tandem	171	2.00 - 12.00	6.57	6.00	5.00	8.00		
Rod Weeder	28	1.50 - 10.00	5.11	6.00	4.00	5.00		
Rotary Hoe	59	1.00 - 10.00	4.49	4.00	6.00	5.00		
Harrowing	86	1.00 - 8.00	3.86	4.00	3.00	5.00		
Row Crop Cultivation	104	2.00 - 10.00	5.51	5.00	6.00	4.00		
SMALL GRAIN SEEDING W/FERTILIZER								
Regular Drilling								
Drilling Only	88	2.50 - 17.50	8.31	10.00	8.00	7.00		
Tilling and Seeding Combined	34	1.00 - 30.00	11.62	10.00	12.00	8.00		
Air Seeder								
Seeding Only	110	3.00 - 15.00	9.72	10.00	11.00	9.00		
Tilling and Seeding Combined	41	6.00 - 20.00	11.32	10.00	11.00	8.00		
No-Till Drill	193	5.00 - 20.00	10.57	10.00	12.00	9.00		
Hoe Drill	27	3.00 - 14.00	8.80	10.00	7.00	8.00		
SMALL GRAIN SEEDING W/O FERTILIZER								
Regular Drilling								
Drilling Only	176	1.00 - 18.00	7.72	7.00	10.00	8.00		
Tilling and Seeding Combined	45	2.50 - 20.00	10.64	10.00	12.00	8.00		
Air Seeder								
Seeding Only	124	3.00 - 15.00	9.33	10.00	12.00	8.00		
Tilling and Seeding Combined	40	5.50 - 15.00	10.87	12.00	10.00	15.00		
No-Till Drill	250	4.00 - 16.00	10.16	10.00	12.00	11.00		
Hoe Drill	37	5.00 - 13.00	8.40	6.00	10.00	7.00		
ROW CROP PLANTING W/FERTILIZER								
Regular	178	5.00 - 19.00	9.44	10.00	8.00	12.00		
Drilling Soybeans	102	5.00 - 16.00	10.00	10.00	12.00	11.00		
No-Till	165	5.00 - 16.00	10.66	10.00	12.00	11.00		
ROW CROP PLANTING W/O FERTILIZER								
Regular	252	4.00 - 15.00	8.72	10.00	8.00	7.00		
Drilling Soybeans	202	4.00 - 17.00	9.73	10.00	12.00	11.00		
No-Till	239	5.00 - 16.00	10.67	10.00	12.00	11.00		

CUSTOM FARMING RATES
Statewide Averages, South Dakota, 2000

Operation	Number of Reports	Range in Reported Rates			Average Rate	Most Frequent Rates Reported		
						1 st	2 nd	3 rd
-- No. ----- Dollars Per Acre -----								
FERTILIZER APPLICATION								
Dry Fertilizers								
Broadcast	842	0.50	-	12.74	3.55	3.50	4.00	3.00
Deep Banded	53	0.50	-	15.00	6.02	4.00	3.50	9.00
Liquid Fertilizers (Broadcast)								
Anhydrous Ammonia	306	1.00	-	10.25	3.81	4.00	3.50	3.75
With Knife Applicator								
While Chiseling	103	0.75	-	13.00	4.97	6.00	5.00	4.00
45	45	0.85	-	12.00	6.40	6.00	8.00	5.00
Rental								
Fertilizer Cart	336	0.21	-	10.00	1.23	1.00	0.50	0.75
Anhydrous Ammonia Applicator								
7 - Knife	55	0.40	-	6.00	1.70	1.00	1.50	1.25
9 - Knife	62	0.40	-	8.00	1.86	1.00	1.25	1.75
11 - Knife	83	0.40	-	10.00	1.89	1.00	2.00	1.50
PESTICIDE APPLICATION								
Surface Vehicles								
Dry								
474	474	2.00	-	9.00	3.78	4.00	3.50	3.75
Liquid								
1 Gallon	149	1.50	-	10.00	3.85	4.00	3.50	3.75
2-3 Gallons	140	2.00	-	10.00	3.86	3.50	4.00	3.75
4-5 Gallons	160	2.00	-	10.00	3.98	4.00	3.50	3.75
Over 5 Gallons	471	1.50	-	10.00	3.90	4.00	3.50	3.75
Aircraft								
1 Gallon	108	2.00	-	14.00	4.84	4.00	5.00	3.50
2-3 Gallons	125	2.00	-	12.00	4.91	5.00	4.00	3.50
4-5 Gallons	91	2.00	-	14.00	5.24	5.00	4.00	4.50
Over 5 Gallons	99	2.00	-	12.00	5.47	5.00	6.00	4.00
HAY & SILAGE OPERATIONS								
Mowing and Raking								
Mowing (w/Tractor)	151	1.50	-	12.00	5.62	6.00	5.00	7.00
Mowing & Conditioning (w/Tractor)	276	3.00	-	20.00	8.12	8.00	7.00	10.00
Swathing (Self-Propelled)	212	1.13	-	15.00	6.99	7.00	8.00	6.00
Swathing & Conditioning (Self-Propelled)	223	4.00	-	25.00	8.09	8.00	7.00	6.00
Raking	155	1.00	-	8.00	3.19	3.00	2.00	5.00
Baling								
-- No. ----- Dollars Per Bale -----								
Small Square Bales (Under 100 lbs.)	162	0.15	-	2.80	0.56	0.50	0.40	0.35
Large Square Bales (Up to 1000 lbs.)	122	1.50	-	12.00	6.03	6.00	5.00	7.00
Large Square Bales (Over 1000 lbs.)	120	2.00	-	15.00	7.02	5.00	6.00	7.00
Round Bales (800-999 lbs.)	163	3.00	-	20.00	5.74	5.00	6.00	4.00
Round Bales (1000-1500 lbs.)	676	3.00	-	15.00	5.90	6.00	5.00	7.00
Round Bales (Over 1500 lbs.)	210	4.50	-	16.00	6.59	6.00	5.00	7.00
Chopping Silage (Corn or Sorghum)								
-- No. ----- Dollars Per Unit -----								
Field Chopping Only - Per Acre	47	10.00	-	40.00	23.81	25.00	30.00	20.00
Field Chopping Only - Per Ton	21	2.00	-	7.00	4.24	4.00	3.00	5.00
Field Chopping & Hauling to Silo/Pile - Per Acre	68	7.00	-	77.00	28.28	25.00	30.00	20.00
Field Chopping & Hauling to Silo/Pile - Per Ton	36	1.50	-	12.00	4.83	5.00	4.00	4.50

CUSTOM FARMING RATES
Statewide Averages, South Dakota, 2000

Operation	Number of Reports	Range in Reported Rates			Average Rate	Most Frequent Rates Reported		
						1 st	2 nd	3 rd
-- No. -- ----- Dollars Per Acre -----								
HARVESTING GRAIN CROPS								
Swathing								
Self-Propelled	172	3.50	-	15.00	6.25	6.00	5.00	7.00
Pull-Type (PTO Unit)	71	3.50	-	12.00	6.31	6.00	5.00	7.00
Combining								
Wheat 1/								
From Swath	396	5.00	-	25.00	15.37	15.00	16.00	18.00
Straight	871	6.00	-	25.00	15.43	15.00	16.00	13.00
Extra Chg. for Yld. above 25 Bu. (\$/Bu.)	38	0.02	-	0.15	0.11	0.13	0.12	0.10
Barley								
From Swath	140	5.00	-	25.00	15.55	15.00	16.00	18.00
Straight	146	6.00	-	25.00	15.63	15.00	16.00	18.00
Extra Chg. for Yld. above 30 Bu. (\$/Bu.)	8	0.03	-	0.15	0.10	0.05	0.10	0.13
Oats								
From Swath	206	5.00	-	25.00	15.12	15.00	16.00	12.00
Straight	149	6.00	-	25.00	15.33	15.00	16.00	18.00
Extra Chg. for Yld. above 40 Bu. (\$/Bu.)	11	0.05	-	0.20	0.10	0.10	0.05	0.13
Rye								
From Swath	91	5.00	-	25.00	15.59	15.00	16.00	18.00
Straight	96	6.00	-	25.00	15.92	15.00	16.00	18.00
Extra Chg. for Yld. above 22 Bu. (\$/Bu.)	6	0.10	-	0.15	0.13	0.13	0.10	0.15
Corn for Grain	666	9.50	-	25.00	17.87	18.00	20.00	15.00
Extra Chg. for Yld. above 90 Bu. (\$/Bu.)	14	0.01	-	0.13	0.08	0.10	0.13	0.02
Soybeans	691	9.50	-	27.00	18.34	18.00	20.00	16.00
Extra Chg. for Yld. above 25 Bu. (\$/Bu.)	5	0.10	-	0.15	0.12	0.10	0.13	0.15
Sunflower	200	10.00	-	29.00	17.10	18.00	15.00	17.00
Sorghum	88	12.00	-	22.00	17.17	20.00	18.00	15.00
Picking Ear Corn	55	7.50	-	25.00	15.30	16.00	20.00	18.00
CUSTOM FARMING								
Corn								
Conventional	33	5.00	-	80.00	38.39	25.00	20.00	75.00
Minimum Tillage	22	7.00	-	70.00	33.16	55.00	12.00	40.00
No-Till	24	5.00	-	75.00	31.35	12.00	10.00	11.00
Soybeans								
Conventional	28	4.00	-	80.00	39.25	55.00	60.00	49.00
Minimum Tillage	20	7.00	-	70.00	31.17	50.00	12.00	10.00
No-Till	22	8.00	-	75.00	30.50	50.00	12.00	10.00
Small Grain (Continuous Crop)								
Conventional	17	7.00	-	80.00	31.50	25.00	40.00	20.00
Minimum Tillage	17	7.50	-	70.00	29.53	40.00	30.00	12.00
No-Till	17	5.00	-	75.00	27.73	30.00	25.00	8.00
Small Grain (Fallow Alternate Years)								
Conventional	15	7.00	-	75.00	30.23	7.00	2/	2/
Minimum Tillage	9	7.50	-	80.00	32.06	2/	2/	2/
No-Till	11	5.00	-	85.00	27.50	8.00	2/	2/

1/ Winter vs. spring wheat cost on page 10. 2/ No recurring multiple values reported.

CUSTOM FARMING RATES
Statewide Averages, South Dakota, 2000

Operation	Number of Reports	Range in Reported Rates		Average Rate	Most Frequent Rates Reported			Charge for each % Moisture Removed	
					1 st	2 nd	3 rd	# Reports	Ave.
-- No. ----- Minimum Handling Charge, Dollars Per Bushel ----- Cents Per Point -									
DRYING GRAIN									
Corn	59	0.01	- 0.15	0.073	0.10	0.05	0.03	87	2.87
Small Grain	17	0.02	- 0.12	0.073	0.10	0.05	0.02	27	2.85
Soybeans	16	0.02	- 0.15	0.077	0.10	0.06	0.05	24	3.19
Sunflower	4	0.02	- 0.06	0.039	1/	1/	1/	6	1.75
HAULING CHARGES									
----- Dollars Per Unit -----									
Crops									
All Wheat - Per Bushel	254	0.03	- 0.32	0.12	0.10	0.12	0.15		
Oats - Per Bushel	87	0.01	- 0.30	0.10	0.10	0.07	0.06		
Barley - Per Bushel	75	0.01	- 0.30	0.11	0.10	0.07	0.08		
Sunflower - Per Cwt.	66	0.02	- 0.70	0.15	0.10	0.07	0.20		
Flax - Per Bushel	43	0.04	- 0.20	0.10	0.10	0.12	0.07		
Corn - Per Bushel	291	0.01	- 0.85	0.10	0.10	0.08	0.07		
Silage - Per Ton	12	2.00	- 10.00	4.59	5.00	3.00	10.00		
Hay									
----- Hauling Charge, Dollars Per Unit -----									
Small Square Bales									
Per Bale	14	0.10	- 3.00	0.74	0.25	0.50	1.00		
Per Ton	8	5.00	- 20.00	13.87	20.00	10.00	1/		
Large Square Bales									
Per Bail	16	1.00	- 6.00	2.65	2.00	1.00	2.50		
Per Ton	10	5.00	- 25.00	11.90	10.00	12.00	5.00		
Large Round Bales									
Per Bale	63	0.71	- 8.00	2.45	1.00	2.00	3.00		
Per Ton	26	2.00	- 25.00	11.23	10.00	5.00	20.00		
Round Bales									
----- Loading Charge, Dollars -----									
Per Load - Less Than 10 Tons	43	8.00	- 37.50	20.38	20.00	25.00	15.00	52	2.51
Per Load - 10-20 Tons	171	8.00	- 55.00	22.10	20.00	25.00	15.00	192	2.74
Per Load - Over 20 Tons	61	10.00	- 80.00	25.84	25.00	20.00	30.00	75	2.77
Cattle									
----- Hauling Charge, Dollars/Mile -----									
Gooseneck Trailer	92	0.30	- 3.75	1.69	2.00	1.50	1.00	94	128
Semi Trailer	304	0.20	- 25.00	2.89	2.00	3.00	2.10	304	490
LIVESTOCK AND FEED OPERATIONS									
----- Dollars Per Head -----									
Branding	48	0.35	- 4.00	1.54	1.00	2.00	1.50		
Shearing Sheep	114	0.50	- 4.00	2.20	2.00	2.50	2.25		
Custom Feeding of Cattle									
----- Lot Charge Per Head Per Day, Dollars -----									
Weaned Calves	117	0.10	- 1.00	0.29	0.25	0.20	0.15		
Yearling and Cull Cows	88	0.10	- 1.35	0.35	0.25	0.20	0.15		
Wintering Pregnant Beef Cows	77	0.10	- 1.40	0.50	0.25	1.00	0.20		
On-Farm Feed Processing									
----- Dollars Per Ton -----									
Grain Grinding and Mixing									
Mobile Truck	9	2.00	- 15.00	6.33	7.00	1/	1/		
PTO Unit	17	1.50	- 13.00	5.69	6.00	5.00	8.00		
Hay Pelleting	4	4.00	- 27.00	14.25	1/	1/	1/		
Tub Grinding Hay									
----- Dollars Per Hour -----									
Farmer Supplies PTO Power	54	25.00	- 125.00	59.54	50.00	60.00	75.00		
Custom Operator Supplies PTO Power	165	25.00	- 135.00	85.23	100.00	75.00	60.00		
Self Contained Unit	373	20.00	- 170.00	98.47	100.00	120.00	80.00		
Fence Building (Excluding Cost of Materials)									
----- Dollars Per Rod -----									
4-Barb Wire, Set Posts	60	3.13	- 28.88	7.84	5.00	4.00	5.78		
Woven Wire W/2-Barb Wire, Set Posts	14	2.50	- 29.00	11.70	20.00	1/	1/		

1/ No recurring multiple values reported.

CUSTOM FARMING RATES
Statewide Averages, South Dakota, 2000

Operation	Number of Reports	Range in Reported Rates			Average Rate	Most Frequent Rates Reported		
						1 st	2 nd	3 rd
-- No. -- ----- Dollars Per Hour -----								
MACHINE RENTAL								
Tractor - Per Horsepower Hour	87	0.10	-	0.50	0.16	0.10	0.15	0.12
----- Dollars Per Tachometer Hour -----								
Under 75 Horsepower	59	5.00	-	35.00	14.31	15.00	10.00	20.00
75 - 120 Horsepower	93	8.00	-	50.00	20.33	15.00	20.00	18.00
121 - 150 Horsepower	104	12.00	-	55.00	23.89	15.00	30.00	20.00
Over 150 Horsepower	131	10.00	-	65.00	30.19	30.00	25.00	20.00
Skid-Steer Loader		----- Dollars Per Unit -----						
Small - Under 30 Horsepower - Per Day	45	10.00	-	200.00	88.57	75.00	30.00	125.00
Large - Over 30 Horsepower - Per Day	47	15.00	-	300.00	106.47	45.00	35.00	100.00
Large Combine - Per Separator Hour	66	17.00	-	125.00	91.24	100.00	90.00	85.00
Medium Combine - Per Separator Hour	33	12.00	-	150.00	80.82	100.00	150.00	20.00
Swather (Self-Propelled) - Per Tachometer Hour	15	5.00	-	40.00	16.22	10.00	15.00	5.00
Swather (Pull-Type) - Per Acre	20	4.50	-	10.00	6.62	8.00	7.00	5.00
Disk Ripper - Per Acre	44	3.00	-	12.50	6.57	5.00	6.00	7.00
 MISCELLANEOUS								
Cleaning & Treating Seed Grain (Wheat, Barley, Oats)		----- Dollars Per Gross Bushel -----						
Cleaning Only	115	0.15	-	1.00	0.40	0.25	0.35	0.50
Treating Only	19	0.10	-	2.00	0.65	1.00	0.15	0.50
Cleaning & Treating (One Charge)	21	0.10	-	1.65	0.70	1.50	0.50	0.45
Snow Removal		----- Dollars Per Hour -----						
Tractor Blower	129	10.00	-	150.00	50.02	50.00	25.00	40.00
Front-End Loader	103	10.00	-	150.00	46.79	50.00	40.00	25.00
Industrial Loader (Pay Loader)	89	40.00	-	150.00	69.53	75.00	50.00	60.00
Farm Drainage or Field Ditching	30	25.00	-	120.00	74.00	100.00	75.00	55.00
Land Leveling	28	20.00	-	125.00	71.34	100.00	50.00	80.00
Rock Picking	43	5.00	-	75.00	27.58	50.00	6.00	25.00
----- Dollars Per Unit -----								
Corn Stock Shredding - Per Acre	3	15.00	-	25.00	20.00	1/	1/	1/
Pneumatic (Vacuum) Handling of Grain - Per Bu	107	0.01	-	0.25	0.06	0.05	0.06	0.10
Post Hole Digging - Per Hole	51	0.50	-	6.00	2.75	1.00	5.00	2.00
Loader Work		----- Dollars Per Hour -----						
Skid Loader	126	6.00	-	75.00	35.09	25.00	40.00	35.00
Tractor Loader	75	12.00	-	100.00	41.17	40.00	50.00	35.00
Industrial Loader (Pay Loader)	103	40.00	-	150.00	70.17	50.00	75.00	60.00
Bulldozer Work	125	40.00	-	160.00	84.69	100.00	75.00	80.00
Hauling Manure		----- Dollars Per Hour -----			----- Average Size -----			
Dry Manure Hauling & Spreading (Tractor-Spreader)	28	6.00	-	120.00	32.88	340 bushels		
Dry Manure Hauling & Spreading (Truck-Mounted)	30	20.00	-	175.00	78.70	15.5 tons		

1/ No recurring multiple values reported.

**CUSTOM FARMING RATES
Regional Averages, South Dakota, 2000**

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	6	5.00-20.00	20.00	12.08	7	6.00-20.00	20.00	12.64	13	4.00-10.50	8.00	7.69
Central	26	5.00-14.00	10.00	9.66	22	6.00-18.00	10.00	10.86	58	4.00-12.50	6.00	7.30
East	65	2.75-18.00	10.00	10.22	54	3.25-20.00	15.00	12.65	97	2.00-18.00	6.00	7.69
State	98	2.75-20.00	10.00	10.15	83	3.25-20.00	10.00	12.17	168	2.00-18.00	8.00	7.55

Region	Chisel Plowing				Disk/Chisel Plowing				Field Cultivator			
	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	15	4.00-10.00	6.00	6.93	9	5.00-10.00	7.00	6.78	12	3.00 - 8.00	6.00	5.42
Central	50	3.00-10.00	6.00	6.91	32	3.00-20.00	6.00	7.45	44	3.00 - 9.00	6.00	6.11
East	110	3.00-18.00	10.00	8.30	70	3.00-20.00	10.00	9.21	130	2.00-12.00	5.00	6.08
State	175	3.00-18.00	8.00	7.79	111	3.00-20.00	8.00	8.51	186	2.00-12.00	6.00	6.05

Region	Disking: Tandem				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	12	3.00-10.00	6.00	6.19	8	1.00-5.00	5.00	3.87	4	3.00 - 8.00	3.00	5.12
Central	50	3.00-10.00	6.00	6.67	44	1.50-8.00	4.00	4.12	36	3.50-10.00	5.00	6.13
East	109	2.00-12.00	6.00	6.56	34	1.00-8.00	3.00	3.51	64	2.00-10.00	5.00	5.19
State	171	2.00-12.00	6.00	6.57	86	1.00-8.00	4.00	3.86	104	2.00-10.00	5.00	5.51

SMALL GRAIN SEEDING

Region	Drilling Only - w/Fertilizer				Drilling Only w/o Fertilizer				Air Seeder w/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	12	2.50-12.00	6.00	7.37	26	1.00-12.00	6.00	6.50	5	7.00-10.00	7.00	8.00
Central	36	4.00-12.00	8.00	8.26	53	4.00-12.00	7.00	7.31	59	6.00-15.00	10.00	9.69
East	40	3.00-17.50	10.00	8.64	97	2.75-18.00	10.00	8.27	46	3.00-15.00	10.00	9.95
State	88	2.50-17.50	10.00	8.31	176	1.00-18.00	7.00	7.72	110	3.00-15.00	10.00	9.72

Region	Air seeding w/o Fertilizer (Seeding Only)				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	9	4.50-12.00	6.00	8.00	12	5.00-14.00	8.00	9.37	12	5.00-16.00	10.00	9.46
Central	51	6.00-12.00	10.00	9.08	85	5.00-20.00	10.00	10.45	71	5.00-16.00	10.00	9.87
East	64	3.00-15.00	10.00	9.73	96	5.00-17.00	10.00	10.82	167	4.00-16.00	10.00	10.33
State	124	3.00-15.00	10.00	9.33	193	5.00-20.00	10.00	10.57	250	4.00-16.00	10.00	10.16

**CUSTOM FARMING RATES
Regional Averages, South Dakota, 2000**

ROW CROP PLANTING

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	5	7.00-13.00	7.00	10.00	9	4.50-11.00	6.00	7.67	0	-	-	-
Central	74	5.00-19.00	10.00	9.52	71	5.00-14.00	10.00	8.73	46	5.00-16.00	10.00	10.12
East	99	5.00-15.00	10.00	9.35	172	4.00-15.00	10.00	8.77	56	5.00-15.00	10.00	9.90
State	178	5.00-19.00	10.00	9.44	252	4.00-15.00	10.00	8.72	102	5.00-16.00	10.00	10.00

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	1	---	11.00	11.00	4	7.00-13.00	7.00	10.50	2	9.00-12.00	9.00	10.50
Central	49	6.00-12.00	10.00	9.61	68	5.00-16.00	10.00	10.35	62	5.00-14.00	10.00	9.96
East	152	4.00-17.00	10.00	9.75	93	6.00-15.00	12.00	10.91	175	5.00-16.00	10.00	10.93
State	202	4.00-17.00	10.00	9.73	165	5.00-16.00	10.00	10.66	239	5.00-16.00	10.00	10.67

APPLICATION OF FERTILIZER & CHEMICALS

Region	Broadcast - Dry				Broadcast - Liquid				Anhydrous Ammonia w/Knife Applicator			
	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	26	2.00 - 6.00	3.00	3.42	10	2.00 - 7.00	3.50	3.60	2	2.00-13.00	---	7.50
Central	218	0.75 - 7.00	3.50	3.43	95	1.00-10.25	3.50	3.78	19	0.75-10.00	3.50	5.08
East	596	0.50-12.74	3.50	3.59	201	2.00-10.00	4.00	3.84	82	0.85-12.00	6.00	4.88
State	842	0.50-12.74	3.50	3.55	306	1.00-10.25	4.00	3.81	103	0.75-13.00	6.00	4.97

Pesticide Application by Surface Vehicle

Region	Dry				Liquid (2-3 Gallons)				Liquid (Over 5 Gallons)			
	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	2.00-9.00	3.50	4.12	9	2.00 - 3.50	3.00	2.94	14	2.50 - 5.00	3.00	3.55
Central	135	2.00-8.00	3.50	3.70	52	3.00-10.00	3.50	3.82	119	2.00-10.00	3.50	3.79
East	324	2.00-8.00	4.00	3.80	79	2.00-10.00	4.00	3.99	338	1.50-10.00	4.00	3.95
State	474	2.00-9.00	4.00	3.78	140	2.00-10.00	3.50	3.86	471	1.50-10.00	4.00	3.90

Pesticide Application by Aircraft

Region	Liquid (2-3 Gallons)				Liquid (4-5 Gallons)				Liquid (Over 5 Gallons)			
	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	2.00-12.00	3.00	5.57	3	2.00-12.00	---	6.00	7	3.25 - 7.88	3.25	4.40
Central	51	2.50-10.00	3.50	4.33	35	2.50-10.00	3.50	4.61	38	2.50-12.00	5.00	5.40
East	63	3.75-12.00	5.00	5.27	53	3.75-14.00	5.00	5.61	54	2.00-11.00	5.00	5.66
State	125	2.00-12.00	5.00	4.91	91	2.00-14.00	5.00	5.24	99	2.00-12.00	5.00	5.47

**CUSTOM FARMING RATES
Regional Averages, South Dakota, 2000**

HAYING AND SILAGE OPERATIONS

Region	Mowing w/Tractor				Mowing and 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	13	1.50 - 7.00	6.00	5.08	14	4.00-11.00	7.50	6.96	38	4.00-10.00	8.00	7.18
Central	56	1.50-12.00	5.00	5.75	99	3.00-20.00	7.00	8.15	53	4.00-15.00	7.00	6.60
East	82	1.50-12.00	5.00	5.61	163	3.00-20.00	8.00	8.20	121	1.13-13.00	7.00	7.10
State	151	1.50-12.00	6.00	5.62	276	3.00-20.00	8.00	8.12	212	1.13-15.00	7.00	6.99

Region	Swathing and Conditioning				Raking				Baling Small Square Bales			
	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	33	5.00-25.00	6.00	7.79	16	1.00-7.00	3.00	3.53	19	0.40-2.00	0.50	0.80
Central	56	4.00-20.00	8.00	8.60	52	1.00-6.00	3.00	3.10	37	0.15-2.00	0.50	0.65
East	134	4.00-18.00	8.00	7.95	87	1.00-8.00	2.00	3.18	106	0.15-2.80	0.50	0.48
State	223	4.00-25.00	8.00	8.09	155	1.00-8.00	3.00	3.19	162	0.15-2.80	0.50	0.56

Region	Baling Large Square Bales < 1000 lbs.				Baling Large Square Bales > 1000 lbs.				Baling Large Round Bales 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	5	5.00 - 7.00	5.00	5.80	6	5.00-10.00	7.00	7.67	25	4.00-20.00	6.00	7.27
Central	29	1.50-10.00	5.00	5.74	39	2.00-12.00	6.00	6.83	42	3.00-15.00	5.00	5.96
East	88	3.00-12.00	6.00	6.14	75	5.00-15.00	5.00	7.06	96	3.00-15.00	5.00	5.24
State	122	1.50-12.00	6.00	6.03	120	2.00-15.00	5.00	7.02	163	3.00-20.00	5.00	5.74

Region	Baling Large Round Bales 1000-1500 lbs.				Baling Large Round Bales > 1500 lbs.				Chopping Silage and 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 Bale-----				----- Dollars Per Bale-----				----- Dollars Per Acre-----			
West	61	3.50-10.00	6.00	6.23	11	6.00-10.00	6.00	7.14	2	20.00-30.00	---	25.00
Central	199	3.00-15.00	5.00	5.84	57	4.75-16.00	5.00	6.65	30	7.00-65.00	24.00	25.88
East	416	3.00-15.00	5.00	5.88	142	4.50-15.00	6.00	6.52	36	10.00-77.00	25.00	30.46
State	676	3.00-15.00	6.00	5.90	210	4.50-16.00	6.00	6.59	68	7.00-77.00	25.00	28.28

Region	Hauling Hay (Round Bales)				Grinding Hay - Custom Op Provided PTO				Grinding Hay - Self Contained Unit			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	--Dollars Per Load (10-20 Ton)---				----- Dollars Per Hour-----				----- Dollars Per Hour-----			
West	31	15.00-35.00	25.00	24.84	20	50.00-125.00	100.00	97.05	50	75.00-170.00	100.00	105.85
Central	89	8.00-50.00	20.00	21.63	47	50.00-130.00	100.00	87.60	134	40.00-165.00	100.00	98.82
East	51	10.00-55.00	20.00	21.26	98	25.00-135.00	60.00	81.68	189	20.00-150.00	100.00	96.26
State	171	8.00-55.00	20.00	22.10	165	25.00-135.00	100.00	85.23	373	20.00-170.00	100.00	98.46

**CUSTOM FARMING RATES
Regional Averages, South Dakota, 2000**

GRAIN AND OILSEED HARVESTING

Region	Winter Wheat From Swath				Winter Wheat - Straight				Spring Wheat From Swath			
	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	12.00-18.00	13.00	14.03	58	10.00-25.00	13.00	13.76	25	10.00-25.00	13.00	14.30
Central	68	12.00-22.00	15.00	15.85	234	10.00-25.00	15.00	15.55	79	5.00-21.00	15.00	15.51
East	98	5.00-22.00	15.00	15.29	189	6.00-25.00	15.00	15.60	109	5.00-22.00	15.00	15.52
State	183	5.00-22.00	15.00	15.38	481	6.00-25.00	15.00	15.35	213	5.00-25.00	15.00	15.37

Region	Spring Wheat - Straight				Barley From Swath				Barley - Straight			
	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	38	10.00-25.00	13.00	13.67	16	10.00-25.00	12.00	14.59	18	10.00-25.00	12.00	14.25
Central	167	10.00-25.00	15.00	15.70	44	12.00-25.00	15.00	16.00	52	10.50-22.00	15.00	15.94
East	185	6.00-25.00	15.00	15.76	80	5.00-22.00	15.00	15.49	76	6.00-22.00	15.00	15.74
State	390	6.00-25.00	15.00	15.53	140	5.00-25.00	15.00	15.55	146	6.00-25.00	15.00	15.63

Region	Oats From Swath				Oats - Straight				Rye - Straight			
	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	24	10.00-25.00	14.00	14.44	18	10.00-25.00	12.00	14.03	10	10.00-25.00	12.00	15.15
Central	70	10.00-25.00	15.00	15.56	61	10.50-22.00	15.00	15.70	37	12.00-25.00	16.00	16.45
East	112	5.00-22.00	15.00	14.99	70	6.00-21.00	15.00	15.33	49	6.00-20.00	15.00	15.67
State	206	5.00-25.00	15.00	15.12	149	6.00-25.00	15.00	15.33	96	6.00-25.00	15.00	15.92

Region	Corn				Soybeans				Sunflower			
	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	12.00-23.00	20.00	17.85	4	14.00-20.00	14.00	17.00	10	13.50-19.00	15.00	15.25
Central	169	12.00-25.00	18.00	17.27	139	13.00-27.00	20.00	18.59	127	10.00-29.00	18.00	17.18
East	479	9.50-25.00	20.00	18.09	547	9.50-26.00	18.00	18.28	63	11.00-23.00	18.00	17.25
State	666	9.50-25.00	18.00	17.87	691	9.50-27.00	18.00	18.34	200	10.00-29.00	18.00	17.10

Region	Sorghum				Swathing Grain - Self-Propelled				Swathing Grain - Pull Type			
	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	3	13.50-19.00	13.50	15.83	15	4.00-8.00	6.00	6.30	9	4.00-8.00	6.00	6.50
Central	47	12.00-22.00	15.00	16.63	53	3.50-10.00	5.00	6.11	31	3.75-8.50	6.00	6.35
East	38	12.00-22.00	20.00	17.95	104	3.50-15.00	6.00	6.31	31	3.50-12.00	5.00	6.21
State	88	12.00-22.00	20.00	17.17	172	3.50-15.00	6.00	6.25	71	3.50-12.00	6.00	6.31

**CUSTOM FARMING RATES
Regional Averages, South Dakota, 2000**

MISCELLANEOUS OPERATIONS

Region	Hauling Wheat				Hauling Corn				Cleaning Seed			
	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate	No. Reports	Range	Most Frequent	Average Rate
	----- Dollars Per Bu-----				----- Dollars Per Bu-----				----- Dollars Per Bu-----			
West	35	0.05-0.28	0.10	0.15	6	0.05-0.45	0.10	0.17	8	0.20-0.50	0.50	0.35
Central	112	0.03-0.32	0.10	0.12	70	0.03-0.85	0.10	0.12	52	0.15-0.65	0.30	0.32
East	107	0.03-0.20	0.10	0.10	214	0.01-0.75	0.10	0.09	55	0.18-1.00	0.25	0.49
State	254	0.03-0.32	0.10	0.12	291	0.01-0.85	0.10	0.10	115	0.15-1.00	0.25	0.40

Region	Shearing Sheep				Custom Feeding Weaned Calves				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
	----- Dollars Per Head-----				--- Dollars Per Head Per Day-----				----- Dollars Per Hour-----			
West	32	1.00-3.00	2.00	1.95	20	0.20-0.90	0.25	0.35	6	35.00-100.00	50.00	60.00
Central	25	1.00-3.50	2.00	2.18	40	0.10-0.80	0.25	0.28	30	25.00-150.00	50.00	58.50
East	57	0.50-4.00	2.50	2.35	57	0.10-1.00	0.25	0.28	92	10.00-100.00	50.00	46.88
State	114	0.50-4.00	2.00	2.20	117	0.10-1.00	0.25	0.29	129	10.00-150.00	50.00	50.02

Region	Snow Removal - Front-End Loader				Loader Work - Skid Loader				Loader Work - Pay 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	15	10.00-100.00	25.00	38.67	15	6.00-55.00	35.00	32.80	13	45.00-150.00	50.00	65.38
Central	26	12.00-150.00	50.00	51.61	39	10.00-75.00	40.00	35.32	28	50.00-125.00	50.00	76.58
East	61	10.00-100.00	50.00	46.03	71	10.00-75.00	25.00	35.58	62	40.00-150.00	50.00	68.27
State	103	10.00-150.00	50.00	46.79	126	6.00-75.00	25.00	35.09	103	40.00-150.00	50.00	70.17

Region	Bulldozer Work				Tractor Rental (75-120 hp)				Tractor Rental (121-150 hp)			
	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 Tach Hour-----				----- Dollars Per Tach Hour-----			
West	17	40.00-150.00	100.00	87.50	10	11.00-50.00	45.00	28.70	11	14.50-55.00	30.00	30.98
Central	33	40.00-150.00	100.00	88.16	33	10.00-40.00	12.00	18.59	35	12.00-50.00	15.00	21.19
East	75	50.00-160.00	100.00	82.53	50	8.00-45.00	15.00	19.80	58	13.00-50.00	15.00	24.18
State	125	40.00-160.00	100.00	84.69	93	8.00-50.00	15.00	20.33	104	12.00-55.00	15.00	23.89

Region	Tractor Rental (Over 150 hp)				Large Combine Rental				Pneumatic (Vacuum) Handling of Grain			
	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 Sep. Hour-----				----- Dollars Per Bu-----			
West	9	18.00-65.00	35.00	40.22	2	90.00-100.00	90.00	95.00	1	—	0.06	0.06
Central	40	10.00-60.00	30.00	29.99	20	17.00-125.00	100.00	89.35	17	0.03-0.15	0.10	0.07
East	81	10.00-55.00	25.00	29.16	44	25.00-120.00	100.00	91.93	89	0.01-0.25	0.05	0.06
State	131	10.00-65.00	30.00	30.19	66	17.00-125.00	100.00	91.24	107	0.01-0.25	0.05	0.06

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