

Custom Rates 2005



National Agricultural
Statistics Service/ USDA

USDA/NASS
Kansas Field Office

Fact Finders for Agriculture



2005 RATES PAID BY KANSAS FARMERS FOR CUSTOM WORK

USDA/NASS Kansas Field Office

In Cooperation With

**Kansas Department of Agriculture
Division of Statistics**

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January 2006

KANSAS DISTRICTS

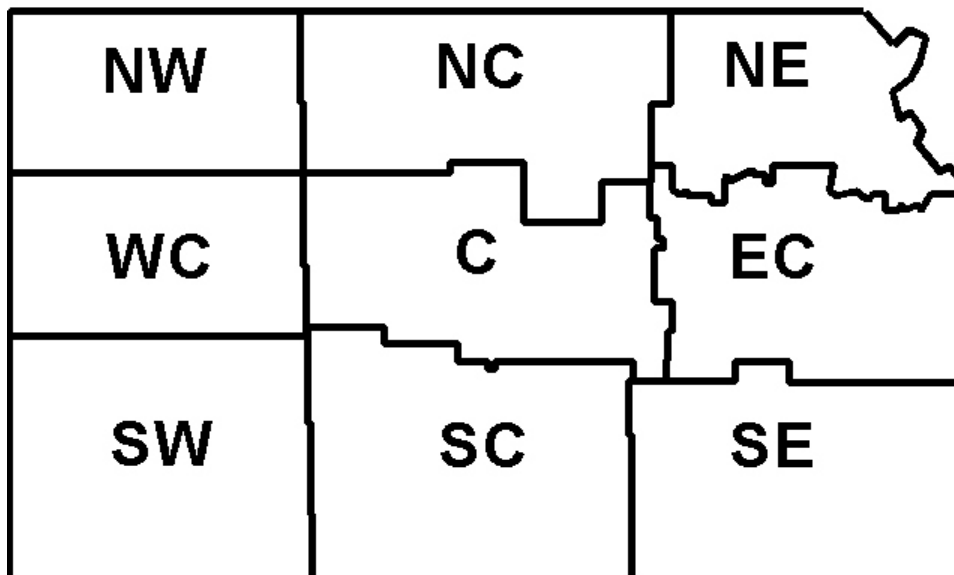


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INTRODUCTION

This publication reports the average rates paid by Kansas farmers and ranchers for custom work performed on their operation in 2005. A special thanks to the 1,380 farmers and ranchers, custom operators, co-ops, and elevators for their response to this survey. Our appreciation also goes to the Cooperative Extension Service's county agricultural agents who reviewed the questionnaire.

The data in this book provide additional information to custom operators, farmers, and ranchers for making decisions about rate charges. The prices reported here should not be regarded as official or established rates. The average figures in this book give equal weight to all reports received.

The prices in this book include charges for machines, power, fuel, and the operator. These prices do not include the costs of chemicals, seeds, and other materials. The one exception is hay baling materials. Exchange work between farmers is not considered custom work.

There are large variations in the rates charged for specific jobs. For many items, the State averages may not be typical of any particular locale. There are many reasons for price differences. Some farmers may charge lower prices to neighbors, relatives, or close friends. Soil conditions and field sizes are also significant factors. Rates are often lower in western Kansas where the larger farms are well suited to extensive operation with heavy equipment.

The average custom rates charged in 2005 are generally similar to those reported in 2004. Of the almost 130 custom work items or machinery rentals in this report, 102 increased in price, 5 were unchanged, and 12 decreased in price. The report contains historical tables and graphs which show the results of previous surveys.

In the past year, we have received many comments about the Custom Rates report from the agricultural community. We appreciate this feedback and encourage readers to continue sharing their ideas and suggestions regarding this survey.

GRAIN HARVESTING

WHEAT: Custom rates for harvesting wheat averaged \$15.24 per acre with, in most cases, an additional average charge of 14.4 cents per bushel for yields greater than 21 bushels per acre. The per acre rate is up 76 cents from 2004. Some respondents reported a flat rate per bushel harvesting charge, but there were too few reports to publish the data.

Custom Rates for Wheat Harvest, 2005, by District

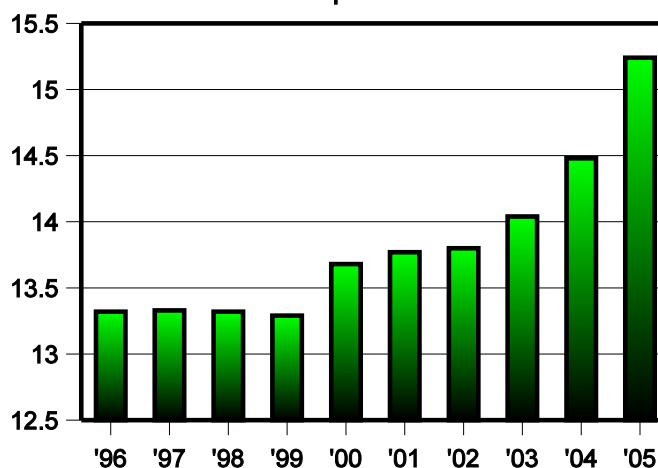
District	Number of Reports ^{1/}	Dollars per Acre		Number of Reports ^{1/}	Extra Charge for High Yield	
		Range	Avg.		¢ per Bushel	Above Bushels
NW	55	13.00-17.00	14.62	51	14.4	20
WC	57	12.00-17.00	14.46	53	14.3	21
SW	60	12.00-17.00	14.30	56	14.4	21
NC	55	12.00-20.00	14.73	48	14.3	22
C	65	12.00-25.00	14.89	60	14.6	21
SC	101	12.00-17.00	14.75	94	14.6	22
NE	39	12.00-27.00	18.31	12	13.9	23
EC	30	13.00-25.00	18.37	3	13.7	27
SE	16	14.00-20.00	16.50	5	12.8	38
STATE	478	12.00-27.00	15.24	382	14.4	21

^{1/} Reports are counted in each district where combining was done; thus some reports are included in more than one district.

Custom Wheat Harvest Historical Rates

Year	Dollars Per Acre	Extra Charge for High Yield	
		¢ per Bushel	Above Bushels
1989	12.71	11.6	21
1990	12.83	11.8	21
1991	12.74	11.8	21
1992	12.90	12.1	21
1993	13.05	12.1	20
1994	13.03	12.2	21
1995	13.02	12.2	20
1996	13.32	12.4	20
1997	13.33	12.6	21
1998	13.32	12.6	21
1999	13.29	12.6	21
2000	13.68	12.8	21
2001	13.77	13.1	20
2002	13.80	13.1	22
2003	14.04	13.6	23
2004	14.48	13.6	21
2005	15.24	14.4	21

Custom Wheat Harvest Dollars per Acre



GRAIN HARVESTING (Continued)

GRAIN SORGHUM: Custom rates charged for harvesting of grain sorghum averaged \$16.51 per acre, an increase of \$1.24 per acre from last year. Additional charges averaged 14.6 cents per bushel for yields over 37 bushels per acre. Some respondents reported a flat rate per bushel harvesting charge, but there were too few reports to publish the data.

Custom Rates for Grain Sorghum Harvest, 2005, by District

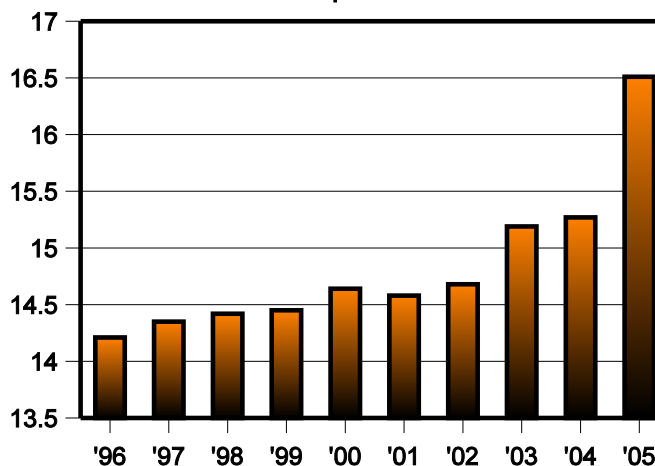
District	Number of Reports <u>1/</u>	Dollars per Acre		Number of Reports <u>1/</u>	Extra Charge for High Yield	
		Range	Avg.		¢ per Bu.	Above Bushels
NW	26	14.00-25.00	16.38	20	14.5	34
WC	26	14.00-21.00	16.08	17	14.2	36
SW	19	13.00-18.00	14.74	17	15.0	32
NC	28	12.00-25.00	15.68	25	15.0	37
C	42	13.00-25.00	15.67	34	14.5	35
SC	45	13.00-28.00	15.73	35	14.8	36
NE	21	15.00-27.00	20.67	<u>2/</u>		
EC	13	18.00-25.00	20.00	<u>2/</u>		
SE	9	15.00-20.00	17.56	3	12.0	67
STATE	229	12.00-28.00	16.51	153	14.6	37

1/ Reports are counted in each district where combining was done; thus some reports are included in more than one district. 2/ Insufficient number of reports; included in State total.

Custom Grain Sorghum Harvest Historical Rates

Year	Dollars Per Acre	Extra Charge for High Yield	
		¢ per Bushel	Above Bushels
1989	13.58	11.3	34
1990	14.23	11.6	36
1991	13.50	11.8	33
1992	14.15	11.8	36
1993	14.62	12.0	34
1994	14.27	12.0	35
1995	14.27	11.9	36
1996	14.21	12.3	36
1997	14.35	12.5	37
1998	14.42	12.4	37
1999	14.45	12.7	36
2000	14.64	12.6	34
2001	14.58	12.9	35
2002	14.68	13.0	35
2003	15.19	13.7	35
2004	15.27	13.5	36
2005	16.51	14.6	37

Custom Grain Sorghum Harvest Dollars per Acre



GRAIN HARVESTING (Continued)

CORN: Custom harvesters charged a flat rate of 26 cents per bushel in 2005, up 2 cents from 2004. The per acre charge to have corn custom harvested was \$21.68, up \$1.59 from last year, with some operators adding an average extra charge of 14.2 cents per bushel for yields above 76 bushels per acre.

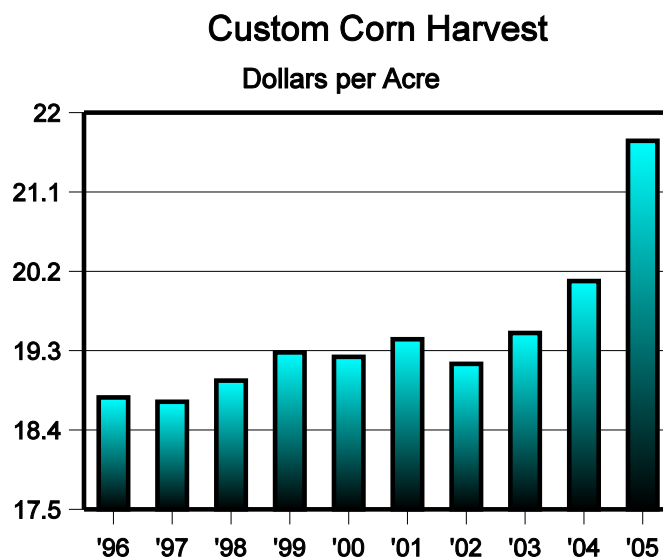
Custom Rates for Corn Harvest, 2005, by District

Dist.	Flat Rate Charge			Per Acre Charge					
	Number of Reports 1/	Cents per Bushel		Number of Reports 1/	Dollars per Acre		Number of Reports 1/	Extra Charge for High Yield	
		Range	Avg.		Range	Avg.		¢ per Bushel	Above Bushels
NW	22	19-35	28	18	12.00-36.00	22.22	7	14.1	55
WC	16	14-36	27	12	15.00-25.00	19.58	6	16.0	79
SW	22	15-32	26	8	15.00-28.00	20.75	5	15.6	60
NC	10	14-37	26	17	14.00-27.00	20.82	6	17.2	73
C	20	16-37	26	19	18.00-36.00	23.21	8	14.5	70
SC	38	14-37	25	19	14.00-32.00	20.58	5	12.2	88
NE	2/			48	15.00-33.00	23.31	5	10.6	95
EC	2/			35	15.00-25.00	21.09	3	7.7	84
SE	2/			16	17.00-25.00	19.94	4	16.8	98
STATE	133	14-37	26	192	12.00-36.00	21.68	49	14.2	76

1/ Reports are counted in districts where combining was done; thus some reports are included in more than one district. 2/ Insufficient number of reports; included in State totals.

Custom Corn Harvest Historical Rates

Year	Dollars per Acre	Extra Charge for High Yield		Flat Rate Charge
		¢ per Bushel	Above Bushels	¢ per Bushel
1989	18.64	13.0	66	19
1990	18.27	12.1	78	21
1991	18.30	9.5	58	21
1992	18.35	10.7	67	22
1993	18.21	11.8	58	21
1994	18.23	10.1	65	22
1995	17.79	12.4	62	21
1996	18.77	12.6	63	23
1997	18.72	12.3	66	23
1998	18.96	12.7	59	23
1999	19.28	12.0	70	24
2000	19.23	14.7	66	23
2001	19.43	11.9	48	23
2002	19.15	14.8	87	24
2003	19.50	14.3	69	24
2004	20.09	14.3	76	24
2005	21.68	14.2	76	26



GRAIN HARVESTING (Continued)

SOYBEANS: The charge to custom harvest soybeans increased by \$1.42 per acre for an average per acre cost of \$21.48. Some operators added an extra charge averaging 14.3 cents per bushel for yields over 26 bushels per acre. Some respondents reported a flat rate per bushel harvesting charge, but there were too few reports to publish the data.

Custom Rates for Soybean Harvest, 2005, by District

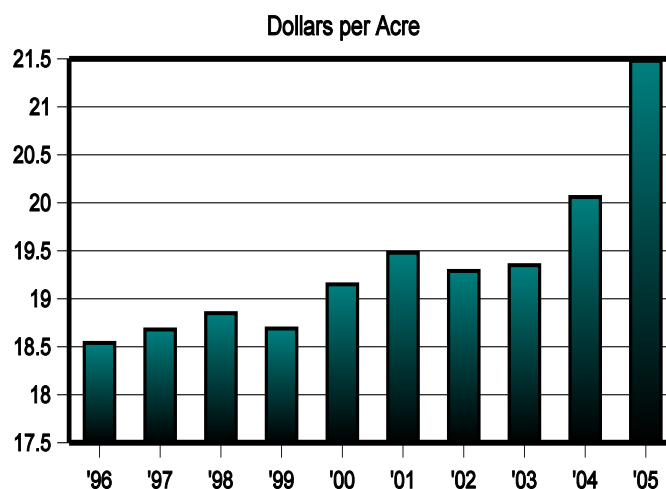
District	Number of Reports 1/	Dollars per Acre		Number of Reports 1/	Extra Charge for High Yield	
		Range	Avg.		¢ per Bushel	Above Bushels
NW	22	15.00-30.00	21.68	12	14.2	24
WC	9	15.00-26.00	21.78	6	14.5	35
SW	18	15.00-30.00	23.67	6	14.7	27
NC	31	16.00-28.00	22.84	7	14.0	29
C	41	14.00-30.00	20.83	18	14.0	24
SC	49	14.00-30.00	21.27	21	15.3	25
NE	52	16.00-32.00	22.56	3	11.7	33
EC	40	16.00-25.00	20.53	2/		
SE	24	14.00-25.00	18.54	3	12.0	25
STATE	286	14.00-32.00	21.48	77	14.3	26

1/ Reports are counted in each district where combining was done; thus some reports are included in more than one district. 2/ Insufficient number of reports; included in State totals.

Custom Soybean Harvest Historical Rates

Year	Dollars Per Acre	Extra Charge for High Yield	
		¢ per Bushel	Above Bushels
1989	17.58	12.3	26
1990	17.92	13.0	25
1991	18.07	12.1	22
1992	18.63	12.5	22
1993	17.96	12.5	23
1994	18.15	12.2	25
1995	17.65	12.2	25
1996	18.54	12.7	24
1997	18.68	12.4	26
1998	18.85	12.8	27
1999	18.69	13.0	25
2000	19.15	12.5	25
2001	19.48	12.7	24
2002	19.29	13.4	28
2003	19.35	13.3	26
2004	20.06	13.5	26
2005	21.48	14.3	26

Custom Soybean Harvest



GRAIN HARVESTING (Continued)

SUNFLOWERS: Custom harvesting of sunflowers averaged \$20.24 per acre in 2005. This compares to \$19.95 per acre in 2004. Some operators charged an extra charge for high yield of 19.7 cents per hundredweight for yields above 7.2 hundredweight per acre.

**Custom Rates for Sunflower Harvest,
2005, by District**

Dist.	Number of Reports ^{1/}	Dollars per Acre	
		Range	Avg.
NW	13	15.00-25.00	18.85
WC	6	14.00-25.00	18.67
SW	10	15.00-28.00	19.20
NC	8	15.00-29.00	21.88
C	11	15.00-29.00	22.55
SC	9	16.00-28.00	20.67
NE	-		
EC	2/		
SE	2/		
STATE	59	14.00-29.00	20.24

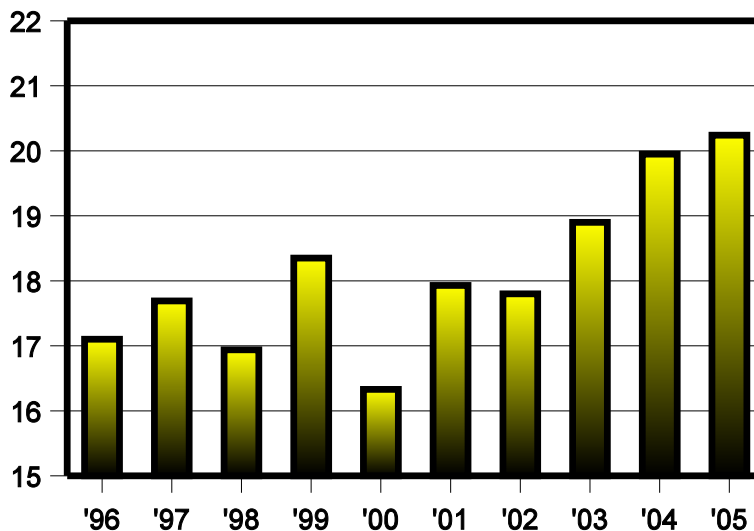
**Custom Sunflower Harvest
Historical Rates**

Year	Dollars per Acre	Extra Charges for High Yield	
		¢ per Cwt.	Above Cwt.
1994	16.55	11.3	11.8
1995	16.52	<u>3/</u>	<u>3/</u>
1996	17.10	11.0	9.6
1997	17.69	11.6	5.8
1998	16.94	11.9	11.8
1999	18.35	12.0	10.8
2000	16.33	12.7	9.6
2001	17.93	13.8	8.3
2002	17.80	13.1	6.7
2003	18.90	13.7	6.4
2004	19.95	20.3	7.4
2005	20.24	19.7	7.2

^{1/} Reports are counted in each district where combining was done; thus, some reports are included in more than one district. ^{2/} Insufficient number of reports to publish; included in State totals. ^{3/} Insufficient data to publish.

Custom Sunflower Harvest

Dollars per Acre



SEED CLEANING

Wheat seed cleaning with treatment averaged 98 cents per bushel, up from 82 cents last year. Rates for cleaning wheat without treatment averaged 48 cents per bushel, compared to 47 cents in 2004. The average cost for cleaning soybeans with treatment was \$1.13 per bushel, an increase of 17 cents over last year. The average cost of cleaning soybeans without any treatment was 55 cents, up 6 cents from the 2004 average.

Custom Rates for Seed Cleaning, 2005, by District

Dist.	WHEAT						SOYBEANS					
	With Treatment			Without Treatment			With Treatment			Without Treatment		
	Number of Reports	Cents per Bushel		Number of Reports	Cents per Bushel		Number of Reports	Cents per Bushel		Number of Reports	Cents per Bushel	
		Range	Avg.		Range	Avg.		Range	Avg.		Range	Avg.
NW	3	35-125	67	13	30-70	44	-			-		
WC	3	40-140	77	17	25-50	43	-			-		
SW	6	35-175	70	19	35-55	43	-			-		
NC	12	50-190	123	22	25-125	57	-			<u>1/</u>		
C	9	40-215	117	28	10-75	49	<u>1/</u>			<u>1/</u>		
SC	12	35-115	61	42	30-65	44	-			-		
NE	4	100-175	138	8	40-100	56	3	100-175	125	3	50-70	58
EC	<u>1/</u>			5	45-120	77	<u>1/</u>			<u>1/</u>		
SE	6	40-185	132	14	25-50	42	<u>1/</u>			7	25-100	49
ST	56	35-215	98	168	10-125	48	6	40-175	113	15	25-120	55

1/ Insufficient number of reports; included in State totals.

Historical Custom Rates for Seed Cleaning

Crop	2000	2001	2002	2003	2004	2005
Wheat (Cents/Bushel)						
With Treatment	94	103	86	90	82	98
Without Treatment	46	46	46	48	47	48
Soybeans (Cents/Bushel)						
With Treatment	81	126	137	110	96	113
Without Treatment	46	50	47	50	49	55
Alfalfa (Cents/Pound)						
With Treatment	-	<u>1/</u>	<u>1/</u>	<u>1/</u>	-	<u>1/</u>
Without Treatment	<u>1/</u>	13	25	33	-	18
Red Clover (Cents/Pound)						
With Treatment	-	<u>1/</u>	<u>1/</u>	<u>1/</u>	-	-
Without Treatment	<u>1/</u>	12	27	<u>1/</u>	<u>1/</u>	22
All Other Seed Cleaned (Cents/Pound)						
With Treatment						-
Without Treatment						47

1/ Insufficient data to publish.

GRAIN HAULING

The average custom rate charged for hauling wheat, grain sorghum, corn, and soybeans from the field to the farm or to the nearest elevator was 13.8 cents per bushel with an extra charge of 1.2 cent per bushel per mile over 15 miles. This compares with 2004 averages 13.0 cents per bushel plus 1.1 cent per bushel per mile over 16 miles. Only reports which included both a mileage limit and a per mile charge for additional miles were tabulated in the over basic mileage column.

Custom Rates for Hauling Grain from Field to Farm Storage Or Elevator, 2005, by District

District	Number of Reports	Cents per Bu.	Miles Limit	Cents/bu. /Mile Over Basic Mileage	Number of Reports	Cents per Bu.	Miles Limit	Cents/bu. /Mile Over Basic Mileage
	Wheat				Grain Sorghum			
NW	34	14.4	13	1.1	14	14.7	12	0.9
WC	47	14.3	15	1.1	19	14.1	16	0.9
SW	43	14.2	14	1.2	12	14.9	15	1.0
NC	44	14.2	14	1.4	21	14.1	14	1.5
C	46	14.5	11	1.4	26	14.1	12	1.4
SC	77	14.5	15	1.1	25	14.2	13	1.0
NE	33	13.9	24	1.4	18	13.8	26	1.6
EC	24	12.7	11	1.2	11	12.5	13	0.9
SE	20	12.5	11	1.0	10	11.9	11	1.1
STATE	368	14.1	14	1.2	156	14.0	15	1.1
	Corn				Soybeans			
NW	13	12.8	11	1.1	10	13.8	10	0.9
WC	13	14.4	14	1.1	6	14.5	13	1.0
SW	5	13.0	25	-	4	14.3	20	1.0
NC	14	14.1	12	1.5	19	13.8	20	1.5
C	11	12.3	11	1.6	20	12.8	13	1.5
SC	16	11.6	10	1.0	27	14.3	13	1.1
NE	37	13.7	24	1.8	36	14.3	27	1.4
EC	27	13.1	12	1.3	28	13.9	13	1.1
SE	11	12.1	14	1.1	17	12.6	12	1.0
STATE	147	13.1	15	1.4	167	13.8	17	1.2
Region	Number of Reports	Cents per Cwt.	Miles Limit	Cents/Cwt. /Mile Over Basic Mileage				
	Sunflowers							
West	12	31.2	25	1.1				
Central	7	22.7	14	0.9				
Eastern	4	13.0	10	0.6				
State	23	25.4	22	1.1				

1/ Insufficient number of reports; included in State totals.

SILAGE OPERATIONS

Custom rates for silage operations were separated into four categories: 1) chopping, hauling, and filling the silo, 2) chopping and hauling, 3) chopping only, and 4) hauling only. The average rate per ton for the complete silage operation was \$6.71 per ton, up from \$5.32 from last year. Operations which included only chopping and hauling averaged \$5.59, up 57 cents from 2004. Chopping only averaged \$3.76, compared to \$3.55 from last year and hauling only averaged \$2.12 per ton, down 6 cents from previous year.

Custom Rates for Silage Operations, per Ton, 2005, by District

District	Chopping, Hauling, & Filling Silo			Chopping & Hauling		
	Number of Reports	Dollars per Ton		Number of Reports	Dollars per Ton	
		Range	Average		Range	Average
NW	4	4.75-12.00	6.81	7	4.00-9.50	5.69
WC	3	5.25-6.50	6.00	6	4.75-6.00	5.17
SW	4	5.40-7.00	6.33	3	4.75-5.75	5.17
NC	4	5.50-10.00	7.19	11	4.50-7.00	5.55
C	<u>1/</u>			8	4.75-6.50	5.51
SC	7	5.50-10.00	6.78	10	4.75-8.00	5.81
NE	5	5.25-8.00	6.35	3	5.50-6.50	6.08
EC	<u>1/</u>			<u>1/</u>		
SE	<u>1/</u>			<u>1/</u>		
STATE	31	4.75-12.00	6.71	51	4.00-9.50	5.59

1/ Insufficient number of reports; included in State totals.

District	Chopping Only			Hauling Only		
	Number of Reports	Dollars per Ton		Number of Reports	Dollars per Ton	
		Range	Average		Range	Average
NW	<u>1/</u>			3	0.15-2.25	0.93
WC	5	2.75-5.00	3.75	6	1.50-3.00	2.19
SW	4	2.40-5.00	3.25	5	0.20-2.75	2.06
NC	<u>1/</u>			<u>1/</u>		
C	4	3.00-4.00	3.75	<u>1/</u>		
SC	9	2.65-5.50	3.79	7	2.00-3.15	2.55
NE	<u>1/</u>			<u>1/</u>		
EC	-			-		
SE	-			-		
STATE	28	2.40-5.50	3.76	26	0.15-3.15	2.12

1/ Insufficient number of reports; included in State totals.

HAYING

Mowing or swathing hay cost an average of \$9.22 per acre, 61 cents more than in 2004. Mowing or swathing forage cost an average of \$11.03 per acre, compared to \$9.85 last year. Mowing or swathing with conditioning was \$9.46 per acre, up 56 cents from previous year, and the charge for side raking averaged \$3.22 per acre, up 21 cents from 2004.

Custom Rates for Mowing or Swathing, 2005, by District

District	Hay			Forage		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
NW	12	7.00-12.00	9.54	9	9.00-15.00	12.06
WC	10	9.00-12.00	10.60	6	9.00-14.00	10.83
SW	13	7.00-12.00	8.79	5	10.00-12.00	11.40
NC	10	7.50-10.50	9.10	6	10.00-15.00	11.67
C	17	7.00-11.50	8.99	7	8.50-12.00	10.07
SC	39	6.00-12.00	8.94	16	8.75-14.00	10.84
NE	17	4.75-14.00	9.71	4	8.00-18.00	12.75
EC	10	7.00-11.00	8.95	3	8.00-11.00	9.17
SE	20	5.00-16.00	9.14	<u>1/</u>		
STATE	148	4.75-16.00	9.22	58	8.00-18.00	11.03

1/ Insufficient number of reports; included in State totals.

Custom Rates for Swathing & Conditioning and Sideraking, 2005, by District

District	Swathing and Conditioning			Sideraking		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
NW	11	8.50-13.00	10.59	5	3.00-5.00	3.95
WC	10	9.00-13.00	10.95	<u>1/</u>		
SW	19	8.00-14.00	10.12	5	2.00-4.50	2.80
NC	19	5.00-12.00	8.74	5	1.00-3.00	2.20
C	29	7.00-12.00	9.04	15	1.50-5.00	3.25
SC	57	6.00-15.00	9.32	22	1.00-4.00	2.83
NE	25	6.00-15.00	9.52	12	2.00-7.00	3.67
EC	17	6.00-12.50	9.15	5	1.00-9.00	4.00
SE	21	5.00-14.00	9.33	12	1.00-6.00	3.38
STATE	208	5.00-15.00	9.46	82	1.00-9.00	3.22

1/ Insufficient number of reports; included in State totals.

HAYING (Continued)

Custom baling of small square bales with wire cost an average of 68 cents per bale, while baling with twine averaged 66 cents per bale in 2005. Large round bales weighing less than 1500 lbs. without net wrapping cost an average of \$8.12 per bale, while bales with net wrapping cost an average of \$9.00 per bale. Large round bales weighing over 1500 lbs. without net wrapping cost an average of \$8.24 per bale. Bales of the same size but being net wrapped cost an average of \$9.21 per bale. The charge for large square bales weighing about one ton averaged \$12.80 per bale, up \$1.30 from 2004.

Custom Rates for Baling Hay, 2005

Type of Bale	Number of Reports	Dollars per Bale	
		Range	Average
Small: Square w/Wire	54	0.25-1.50	0.68
Square w/Twine	39	0.25-1.50	0.66
Large: Round (under 1,500 lbs.) wo/net	136	5.50-15.00	8.12
Round (under 1,500 lbs.) w/net	93	5.50-17.50	9.00
Round (over 1,500 lbs.) wo/net	104	5.00-12.00	8.24
Round (over 1,500 lbs.) w/net	99	5.50-19.00	9.21
Square (approx. 1 ton)	53	6.00-25.00	12.80

Custom Rates for Baling, Square Bales, 2005, by District

District	Small Square With Wire			Small Square With Twine			Large Square		
	Number of Reports	Cents per Bale		Number of Reports	Cents per Bale		Number of Reports	Dollars per Bale	
		Range	Average		Range	Average		Range	Average
NW	-			1/			3	7.00-15.00	10.70
WC	1/			4	30-65	49	1/		
SW	1/			7	50-100	76	6	13.25-25.00	17.00
NC	1/			3	40-50	47	4	8.00-11.00	8.88
C	6	25-70	47	4	25-125	70	10	9.50-16.00	13.30
SC	10	45-80	60	3	50-60	55	16	6.50-20.00	12.60
NE	7	30-100	77	8	40-150	68	4	6.00-15.00	8.88
EC	13	45-135	75	7	50-125	70	5	6.50-20.00	14.50
SE	13	40-120	64	1/			3	8.00-18.00	13.70
STATE	54	25-150	68	39	25-150	66	53	6.00-25.00	12.80

1/ Insufficient number of reports; included in State totals.

Custom Rates for Baling, Large Round Bales, 2005, by District

Dist.	Without Net						With Net					
	Under 1,500 lbs.			Over 1,500 lbs.			Under 1,500 lbs.			Over 1,500 lbs.		
	No. of Rpts	Dollars per Bale		No. of Rpts	Dollars per Bale		No. of Rpts	Dollars per Bale		No. of Rpts	Dollars per Bale	
	Range	Avg.		Range	Avg.		Range	Avg.		Range	Avg.	
NW	6	5.50-9.00	7.33	9	6.00-10.00	7.61	10	6.00-9.50	7.50	5	7.00-10.00	8.35
WC	7	6.50-10.00	7.93	10	5.00-12.00	7.70	1/			4	5.50-9.00	7.13
SW	3	9.00-12.00	10.70	1/			9	6.50-12.50	8.94	9	8.00-12.00	9.44
NC	19	6.00-9.00	7.53	10	6.00-10.00	7.95	8	7.50-10.00	8.66	7	8.00-10.00	8.86
C	15	6.00-10.00	8.10	19	6.00-11.50	7.96	9	7.00-11.00	9.22	13	7.00-12.00	9.06
SC	23	6.00-10.00	7.97	23	7.00-10.00	8.24	21	5.50-12.00	8.33	31	7.00-13.00	9.20
NE	25	6.00-10.00	7.61	14	7.50-12.00	8.59	11	7.00-11.50	8.70	21	7.00-13.50	9.21
EC	19	6.00-15.00	8.37	7	5.00-11.00	8.68	9	7.00-15.50	9.67	4	10.00-11.00	10.30
SE	19	7.00-14.00	9.29	10	7.00-10.25	9.03	14	7.00-17.50	10.70	5	8.50-19.00	11.50
STATE	136	5.50-15.00	8.12	104	5.00-12.00	8.24	93	5.50-17.50	9.00	99	5.50-19.00	9.21

1/ Insufficient number of reports; included in State totals.

HAYING (Continued)

Custom rates for hauling small bales from field to farm storage averaged 50 cents per bale in 2005, up 5 cents from last year. Rates for hauling large bales averaged \$3.49 per bale or \$5.57 per ton. Custom rates for hay stacking averaged \$50.00 per stack for stacks up to 4 tons, and \$59.00 per stack for stacks 4 to 6 tons.

Custom Rates for Hauling Small Bales from Field to Storage, 2005

District	No. of Rpts.	Cents per Bale	
		Range	Average
NW	-		
WC	<u>1/</u>		
SW	<u>1/</u>		
NC	<u>1/</u>		
C	<u>1/</u>		
SC	3	0.50-0.55	0.52
NE	<u>1/</u>		
EC	8	0.25-0.65	0.51
SE	11	0.25-0.75	0.51
STATE	29	0.25-0.80	0.50

Custom Rates for Stacking Hay, 2005

Stack Size (Tons)	No. of Rpts.	Dollars per Stack	
		Range	Average
Up to 4	3	20.00-70.00	50.00
4-6	5	40.00-80.00	59.00
Over 6	<u>1/</u>		

1/ Insufficient number of reports.

1/ Insufficient number of reports; included in State totals.

Custom Rates for Hauling Large Bales from Field to Storage, 2005, by District

District	Number of Reports	Dollars per Bale		Number of Reports	Dollars per Ton	
		Range	Average		Range	Average
NW	7	2.00-6.00	3.58	<u>1/</u>		
WC	<u>1/</u>			-		
SW	7	2.00-3.25	2.36	-		
NC	-			-		
C	6	2.00-9.00	3.46	-		
SC	10	2.00-8.00	4.45	<u>1/</u>		
NE	8	1.00-7.00	3.44	<u>1/</u>		
EC	9	1.00-8.50	3.89	<u>1/</u>		
SE	10	1.00-6.00	3.03	<u>1/</u>		
STATE	59	1.00-9.00	3.49	7	1.00-10.00	5.57

1/ Insufficient number of reports; included in State totals.

HAYING (Continued)

The custom rates for the entire haying operation include cutting, baling, hauling, and stacking. The average rate for small bales was \$1.41, up 20 cents from 2004. The large bale rate, at \$15.55 per bale was up 59 cents from last year. Rates reported on a per ton basis averaged \$26.23, up from the average of \$24.00 in 2004.

Custom Rates for Entire Haying Operation, per Bale, 2005, by District

District	Small Bales			Large Bales		
	Number of Reports	Cents per Bale		Number of Reports	Dollars per Bale	
		Range	Average		Range	Average
NW	-			1/		
WC	-			-		
SW	1/			4	10.00-23.00	18.25
NC	-			1/		
C	-			-		
SC	1/			5	8.00-25.00	19.30
NE	1/			8	13.00-23.00	16.75
EC	6	0.70-1.85	1.38	14	11.00-22.00	15.00
SE	3	0.80-1.60	1.13	18	5.00-17.00	13.64
STATE	13	0.70-2.00	1.41	51	5.00-25.00	15.55

1/ Insufficient number of reports; included in State totals.

Custom Rates for Entire Haying Operation, per Ton, 2005, by Region

Region	Number of Reports	Dollars per Ton		Region	Number of Reports	Dollars per Ton	
		Range	Average			Range	Average
WEST	4	20.00-24.00	22.75	EAST	7	15.00-45.00	25.43
CENTRAL	1/			STATE	13	15.00-45.00	26.23

1/ Insufficient number of reports; included in State totals.

ROTARY MOWING AND TREE SHEARING

The average custom rate for rotary mowing was \$9.58 per acre or \$55.28 per hour in 2005. In 2004, charges were \$8.17 per acre or \$53.62 per hour. The average custom rate for tree shearing was \$58.33 per acre or \$52.20 per hour for 2005.

Custom Rates for Rotary Mowing, 2005, by District

Dist.	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Hour	
		Range	Avg.		Range	Avg.
NW	1/			-		
WC	1/			-		
SW	3	7.00-10.00	8.33	1/		
NC	-			1/		
C	1/			-		
SC	1/			5	25.00-80.00	55.00
NE	1/			4	35.00-85.00	63.75
EC	1/			1/		
SE	9	6.50-15.00	9.28	5	25.00-80.00	51.00
STATE	20	6.50-15.00	9.58	18	25.00-85.00	55.28

1/ Insufficient number of reports; included in State totals.

Skid Loader Tree Shearing, 2005, by District

Dist.	Number of Reports	Dollars per Hour	
		Range	Avg.
NW	-		
WC	-		
SW	-		
NC	1/		
C	1/		
SC	3	50.00-80.00	61.67
NE	9	40.00-65.00	53.33
EC	1/		
SE	8	35.00-75.00	47.50
STATE	25	35.00-80.00	52.20

1/ Insufficient number of reports; included in State totals.

LAND TILLAGE

Custom rates for tillage operations vary depending on the area of the State, type of soil tillage practice, size of fields, and the size of equipment. Average charges for regular disking were \$7.54, up 70 cents from the 2004 rate. The average charge per acre for one-way disking was \$6.66, down 56 cents from previous year average of \$7.22. The average offset disking charge of \$7.76 was up 70 cents per acre from the 2004 rate.

Custom Rates for Disking, 2005, by District

Dist.	Disking			One-Way Disk			Offset Disk		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Avg.		Range	Avg.		Range	Avg.
NW	9	4.75-10.00	6.44	<u>1/</u>			3	6.50-12.00	8.83
WC	7	6.00-8.00	6.93	-			7	5.00-10.00	6.82
SW	7	6.00-8.50	7.14	<u>1/</u>			3	5.00-6.50	5.83
NC	5	6.00-8.50	7.50	-			3	6.50-9.00	7.83
C	13	5.75-10.00	7.37	3	5.50-6.50	6.00	6	6.00-10.00	7.46
SC	9	6.00-9.00	7.28	-			4	6.00-7.63	6.66
NE	10	6.00-14.00	9.35	-			<u>1/</u>		
EC	4	7.00-10.00	8.25	<u>1/</u>			<u>1/</u>		
SE	10	6.00-12.00	7.65	-			5	7.00-10.00	8.50
STATE	74	4.75-14.00	7.54	7	5.50-8.60	6.66	33	5.00-15.00	7.76

1/ Insufficient number of reports; included in State totals.

In 2005, charges for spiketooth harrowing averaged \$5.31, an increase of 6 cents per acre. The average for springtooth harrowing in 2005 was 5.75 per acre, up 87 cents from 2004.

Custom Rates for Harrowing, 2005, by District

District	Spiketooth Harrow			Springtooth Harrow		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
NW	<u>1/</u>			-		
WC	<u>1/</u>			-		
SW	-			<u>1/</u>		
NC	-			-		
C	3	5.00-6.00	5.33	<u>1/</u>		
SC	4	2.00-6.50	4.38	<u>1/</u>		
NE	<u>1/</u>			-		
EC	<u>1/</u>			<u>1/</u>		
SE	<u>1/</u>			<u>1/</u>		
STATE	13	2.00-8.00	5.31	8	4.00-7.00	5.75

1/ Insufficient number of reports; included in State totals.

LAND TILLAGE (Continued)

Rates for custom chiseling 4-12 inches deep averaged \$8.45 per acre, a 49 cents per acre increase from the 2004 rate. Deep chiseling, over 12 inches deep, averaged \$10.85 per acre, an increase of 80 cents from the previous year average of \$10.05.

Custom Rates for Chiseling, 2005, by District

District	Chisel (4-12")			Deep Chisel (Over 12")		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
NW	5	6.00-12.00	8.00	3	8.00-15.00	10.67
WC	4	6.50-10.00	8.38	3	8.00-12.00	10.67
SW	6	4.25-8.00	6.25	4	6.00-14.00	8.50
NC	-			-		
C	5	6.00-10.00	8.30	4	6.50-15.00	10.38
SC	6	7.00-10.00	7.96	4	8.00-14.00	10.25
NE	<u>1/</u>			<u>1/</u>		
EC	<u>1/</u>			<u>1/</u>		
SE	6	7.00-12.00	9.83	<u>1/</u>		
STATE	36	4.25-13.00	8.45	24	6.00-16.00	10.85

1/ Insufficient number of reports; included in State totals.

The average moldboard plowing rate decreased 27 cents per acre to \$11.36 while undercutting operations averaged \$6.07, up 49 cents from 2004.

Custom Rates for Plowing and Undercutting, 2005, by District

District	Moldboard Plow			Undercutter (Large "V" Blade)		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
NW	-			12	4.75-10.00	6.23
WC	-			24	4.00-8.50	5.70
SW	-			16	3.50-8.50	5.88
NC	-			<u>1/</u>		
C	3	7.00-13.00	10.67	11	5.75-8.50	6.82
SC	4	10.00-14.00	11.50	<u>1/</u>		
NE	<u>1/</u>			-		
EC	-			-		
SE	3	10.00-15.00	12.33	-		
STATE	11	7.00-15.00	11.36	67	3.50-10.00	6.07

1/ Insufficient number of reports; included in State totals.

LAND TILLAGE (Continued)

The average rate charged by custom operators for shank cultivation was \$7.13 in 2005, up 86 cents from last year. Wheel springtooth charges averaged \$5.75 per acre, down 25 cents from 2004.

Custom Rates for Field Cultivation, 2005, by District

District	Shank Cultivator			Wheel Springtooth Cultivator		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
NW	3	6.00-8.00	7.00	-		
WC	3	6.00-9.00	7.00	-		
SW	4	6.00-8.00	7.00	3	4.00-5.75	4.58
NC	3	6.50-7.50	7.17	-		
C	11	5.00-9.00	6.77	-		
SC	6	4.00-8.00	6.21	<u>1/</u>		
NE	7	6.00-11.00	7.93	-		
EC	4	6.00-10.00	8.25	<u>1/</u>		
SE	10	4.50-10.00	7.20	-		
STATE	51	4.00-11.00	7.13	7	4.00-10.00	5.75

1/ Insufficient number of reports; included in State totals.

Custom Rates for Land Tillage, Historical Averages

Type of Operation	1997	1998	1999	2000	2001	2002	2003	2004	2005
	Dollars per Acre								
Disking	5.53	5.79	5.70	6.02	6.48	6.34	6.42	6.84	7.54
One-Way Disk	5.05	5.60	5.65	6.36	6.21	6.11	6.50	7.22	6.66
Offset Disk	6.17	6.16	6.29	6.76	6.54	6.72	7.02	7.01	7.76
Spiketooth Harrow	4.65	4.73	4.59	4.56	4.80	4.82	5.33	5.25	5.31
Springtooth Harrow	4.79	4.61	4.50	4.93	5.20	4.03	4.17	4.88	5.75
Chisel 4-12"	6.70	6.96	7.00	7.44	7.79	7.61	8.02	7.96	8.45
Deep Chisel Over 12"	8.76	8.61	8.84	9.13	9.54	10.33	8.94	10.05	10.85
Moldboard Plow	8.95	9.10	9.15	9.00	8.98	9.45	9.98	11.63	11.36
Undercutter	4.86	5.02	5.21	5.49	5.38	5.38	5.47	5.58	6.07
Shank Cultivator	5.33	5.42	5.57	5.66	5.92	6.16	6.18	6.27	7.13
Wheel Springtooth Cultivator	4.74	5.08	5.36	5.20	5.36	5.67	5.27	6.00	5.75

PLANTING Regular-Till

Small grain seeding charges averaged \$8.17 per acre, an increase of 82 cents per acre. Charges for planting grain sorghum increased by 69 cents per acre to \$9.17 in 2005. The average price charged for planting corn was \$9.69 per acre, compared to \$9.21 per acre in 2004. Soybean planting charges averaged \$9.76 per acre in 2005, which is an increase of 81 cents from last year. The grass seeding rate increased by 62 cents an acre to \$11.45 per acre in 2005. The price for seeding alfalfa-legumes averaged \$10.52 per acre.

Custom Rates for Regular-Till Planting, 2005, by District

District	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre		
		Range	Average		Range	Average	
Small Grains				Grain Sorghum			
NW	17	4.00-12.00	7.10	8	6.50-12.00	9.13	
WC	28	4.00-12.00	6.95	12	6.00-12.00	9.00	
SW	22	4.00-13.00	7.52	9	6.00-11.50	8.44	
NC	7	7.00-14.00	9.75	5	7.50-10.00	8.90	
C	20	5.50-15.00	8.86	10	6.50-14.00	10.65	
SC	25	5.00-15.00	8.93	14	7.00-13.35	9.31	
NE	10	8.00-11.50	9.75	6	6.00-12.00	9.25	
EC	6	7.00-11.00	9.08	4	10.00-12.00	10.50	
SE	14	6.00-12.00	8.29	10	6.00-10.00	7.95	
STATE	149	4.00-15.00	8.17	78	6.00-14.00	9.17	
Corn				Soybeans			
NW	8	7.00-12.00	9.50	5	7.50-14.00	10.30	
WC	10	6.50-12.00	9.40	3	10.00-12.00	10.67	
SW	6	8.50-13.00	10.00	1/			
NC	4	9.50-11.00	10.25	6	8.00-11.00	9.50	
C	10	7.50-15.00	11.50	10	10.00-15.00	11.45	
SC	12	6.00-13.35	9.38	10	7.00-13.35	9.44	
NE	20	6.00-12.00	9.80	10	6.00-12.00	9.65	
EC	11	8.00-12.00	9.48	10	7.00-12.00	9.30	
SE	7	6.00-10.00	7.71	9	6.00-12.00	8.37	
STATE	88	6.00-15.00	9.69	65	6.00-15.00	9.76	
Grass Seeding				Alfalfa-legume Seeding			
NW	1/			1/			
WC	1/			1/			
SW	5	8.50-12.50	10.00	-			
NC	-			1/			
C	-			7	6.50-14.00	10.71	
SC	-			6	6.00-15.00	10.08	
NE	1/			1/			
EC	1/			3	8.00-12.00	10.67	
SE	1/			3	7.50-13.00	10.50	
STATE	11	8.50-20.00	11.45	25	6.00-15.00	10.52	

1/ Insufficient number of reports; included in State totals.

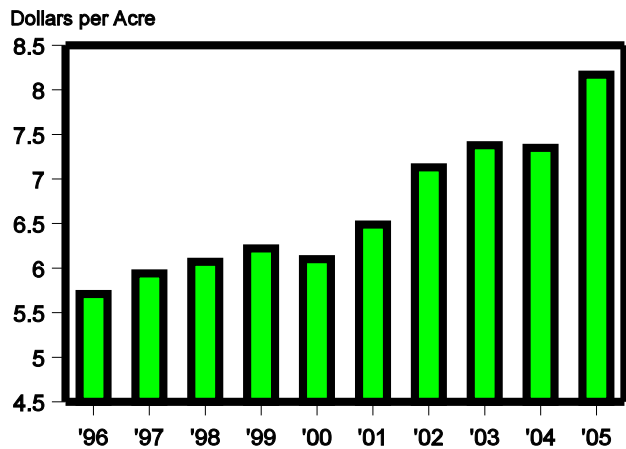
PLANTING (Continued)

Custom Rates for Regular-Till Planting, Historical Averages

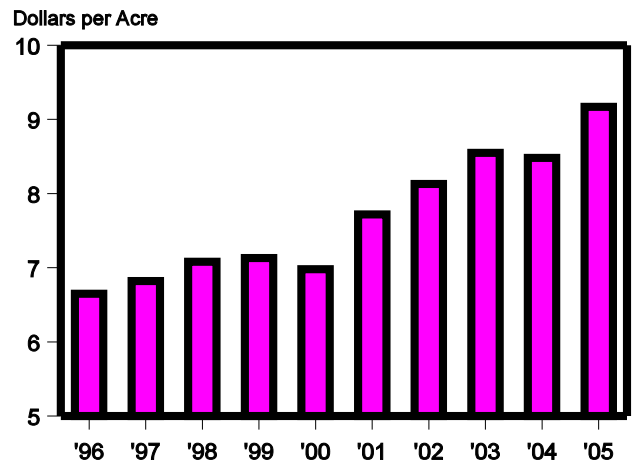
Crops	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Dollars per Acre										
Small Grains	5.71	5.94	6.07	6.22	6.10	6.49	7.13	7.38	7.35	8.17
Grain Sorghum	6.65	6.82	7.08	7.13	6.98	7.72	8.13	8.55	8.48	9.17
Corn	7.19	7.28	7.36	7.53	7.77	8.19	8.54	8.95	9.21	9.69
Soybeans	6.97	7.06	7.38	7.46	8.23	8.17	8.47	9.06	8.95	9.76
Grass	8.50	8.27	7.82	8.37	8.68	8.92	9.77	10.61	10.83	11.45
Alfalfa-Legume	7.29	7.42	7.41	7.76	7.46	8.59	9.83	10.29	9.63	10.52

Regular-Till Planting

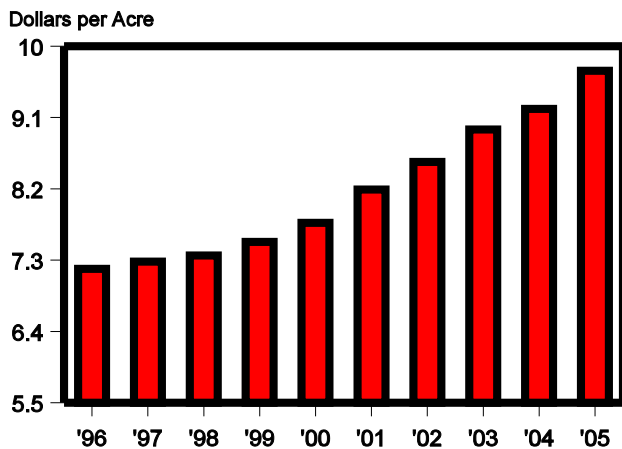
Small Grains



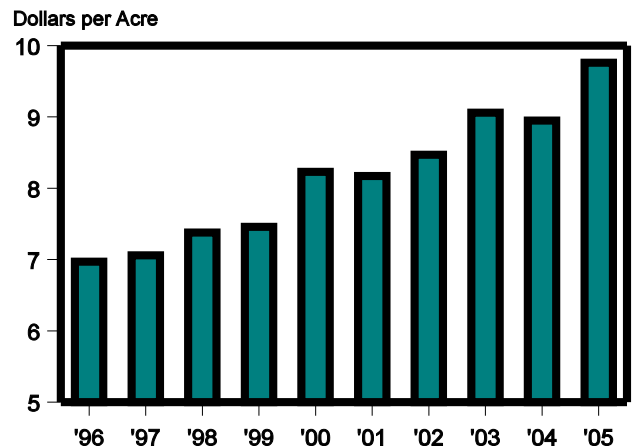
Grain Sorghum



Corn



Soybeans



PLANTING (Continued) Minimum-Till

Rates for minimum-till planting of small grains averaged \$11.45 per acre, up from \$10.72 in 2004. Minimum-till grain sorghum planting averaged \$10.94, up 65 cents from last year's rate. Corn planting averaged \$11.11 per acre, a 56 cent increase. Soybean planting averaged \$11.75 per acre, compared to last year's average of \$10.84 per acre.

Custom Rates for Minimum-Till or No-Till Planting, 2005, by District

District	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
Small Grains				Grain Sorghum		
NW	13	8.00-15.00	10.92	12	6.50-13.00	9.79
WC	13	4.00-13.00	10.42	16	7.00-12.00	9.91
SW	17	7.00-13.50	10.94	8	6.00-13.00	9.88
NC	21	8.00-16.00	12.02	16	8.00-15.00	11.16
C	18	7.00-15.00	10.86	19	7.00-16.00	11.50
SC	19	9.00-15.00	12.29	15	8.00-15.00	11.79
NE	12	10.00-18.00	12.67	10	8.00-18.00	12.00
EC	7	9.50-14.00	11.64	4	10.00-14.00	12.00
SE	12	7.00-14.00	11.08	5	9.00-13.00	10.40
STATE	132	4.00-18.00	11.45	105	6.00-18.00	10.94
Corn				Soybeans		
NW	12	7.00-15.00	10.67	4	10.00-14.00	11.75
WC	16	7.50-13.00	10.41	4	10.00-12.00	10.75
SW	9	8.00-13.00	10.50	5	10.50-13.00	12.00
NC	16	8.00-16.00	10.91	14	8.00-15.00	11.07
C	9	9.00-15.00	12.28	13	9.00-17.00	12.69
SC	10	8.50-14.00	11.44	13	8.50-15.00	12.10
NE	18	8.00-16.00	11.78	23	8.00-18.00	11.91
EC	9	8.00-14.00	11.61	14	8.00-15.00	11.43
SE	4	9.00-10.00	9.75	9	9.00-14.00	11.31
STATE	103	7.00-16.00	11.11	99	8.00-18.00	11.75

Custom Rates for Minimum-Till or No-Till Plantings, State Historical Averages

Crops	1997	1998	1999	2000	2001	2002	2003	2004	2005
Dollars per Acre									
Small Grains	8.88	8.91	9.76	9.77	9.89	10.11	10.36	10.72	11.45
Grain Sorghum	8.12	8.70	8.85	9.16	9.56	9.91	10.19	10.29	10.94
Corn	8.46	8.65	8.96	9.40	10.00	10.04	10.31	10.55	11.11
Soybeans	8.88	9.29	9.61	9.96	10.50	10.46	10.90	10.84	11.75

CHEMICAL APPLICATIONS

The custom rates for chemical applications presented here include the cost of machinery, fuel, and labor; however, the cost of the fertilizers and pesticides is excluded. Rates charged for crop cultivation with fertilizer application averaged \$7.59 per acre, while cultivation without fertilizer application averaged \$7.05. This compares with \$6.73 and \$6.08 per acre, respectively, in 2004.

Custom Rates for Row Crop Cultivation, 2005, by Region

Region	With Fertilizer			Without Fertilizer		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
WEST	6	6.75-13.00	9.58	11	4.00-10.00	7.11
CENTRAL	6	3.25-10.00	5.38	7	4.00-10.00	6.54
EAST	1/			3	7.00-9.00	8.00
STATE	14	3.25-13.00	7.59	21	4.00-10.00	7.05

1/ Insufficient number of reports; included in State totals.



Dry fertilizer applications averaged \$4.01 per acre, 23 cents more per acre than in the previous year. Liquid fertilizer was applied for an average per acre charge of \$4.17, which is up 30 cents from last year.

Custom Rates for Fertilizer Application, 2005, by District

District	Dry Fertilizer			Liquid Fertilizer		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
NW	13	3.00-5.00	4.08	16	3.50-5.00	4.13
WC	8	3.00-6.00	4.00	16	3.50-6.00	4.06
SW	13	3.25-4.50	3.94	23	3.50-7.50	4.35
NC	21	4.00-4.50	4.20	31	3.25-10.00	4.35
C	32	2.00-4.50	3.79	45	2.50-8.50	3.93
SC	54	2.25-4.50	3.71	54	3.00-4.50	3.86
NE	36	3.00-6.00	4.25	35	3.50-6.00	4.54
EC	29	3.50-6.00	4.55	24	3.50-5.85	4.73
SE	44	2.50-4.75	3.87	36	3.00-5.00	4.02
STATE	250	2.00-6.00	4.01	280	2.50-10.00	4.17

CHEMICAL APPLICATIONS (Continued)

Custom chemical applicators charged an average of \$7.12 per acre to apply anhydrous ammonia, 19 cents more than the 2004 average.

Custom Rates for Application of Anhydrous Ammonia, 2005, by District

District	Number of Reports	Dollars per Acre	
		Range	Average
NW	6	2.00-8.00	5.34
WC	4	3.75-12.00	6.56
SW	5	6.00-10.00	7.90
NC	4	4.00-9.00	6.63
C	7	1.00-8.00	4.64
SC	6	4.00-5.50	4.50
NE	15	2.10-15.00	9.52
EC	6	4.00-15.00	8.88
SE	<u>1</u>		
STATE	54	1.00-15.00	7.12

1/ Insufficient number of reports; included in State total.

The average cost for aerial application of herbicide was \$4.56 per acre, up 27 cents from 2004. When herbicides were applied with a ground rig, the average cost was \$4.26, an increase of 23 cents from last year's average of \$4.03.

Custom Rates for Herbicide Application, 2005, by District

District	Aerial			Ground Rig		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
NW	10	4.00-5.50	4.68	26	3.00-4.50	4.14
WC	5	3.75-6.00	4.35	28	3.25-5.00	3.99
SW	8	4.00-5.50	4.57	25	3.50-4.75	4.10
NC	8	3.50-10.00	5.31	40	3.25-5.60	4.24
C	4	2.75-4.25	3.50	49	3.00-5.00	4.01
SC	9	3.75-7.00	5.00	49	2.75-6.30	3.88
NE	4	3.50-5.00	4.00	48	3.00-6.00	4.68
EC	4	3.00-4.50	4.00	37	3.00-6.15	4.81
SE	3	3.00-5.00	4.17	37	3.50-7.30	4.37
STATE	55	2.75-10.00	4.56	339	2.75-7.30	4.26

CHEMICAL APPLICATIONS (Continued)

The average cost for aerial application of insecticide was \$4.74 per acre, up 44 cents from last year. When insecticides were applied with a ground rig, the average cost was \$4.33 per acre, up 31 cents from the 2004 rate.

Custom Rates for Insecticide Application, 2005, by District

District	Aerial			Ground Rig		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
NW	7	3.75-5.50	4.93	18	4.00-5.00	4.25
WC	3	3.50-6.00	4.50	12	3.50-8.00	4.35
SW	8	3.75-5.25	4.44	15	3.75-5.00	4.23
NC	8	4.50-5.50	4.78	21	3.25-4.50	4.15
C	3	4.25-5.00	4.58	37	3.00-5.25	4.02
SC	5	4.00-5.50	4.70	41	3.00-5.50	3.99
NE	-			25	3.75-6.00	4.85
EC	<u>1/</u>			18	3.50-6.15	5.21
SE	3	4.00-5.00	4.50	25	3.25-7.30	4.40
STATE	39	3.50-8.00	4.74	212	3.00-8.00	4.33

1/ Insufficient number of reports; included in State total.

Custom Rates for Chemical Application, State Historical Averages

Type of Operation or Application	1997	1998	1999	2000	2001	2002	2003	2004	2005
Dollars per Acre									
Cultivation with Fertilizer	5.91	6.43	5.61	6.48	6.77	6.19	6.64	6.73	7.59
Cultivation without Fertilizer	5.96	6.11	5.88	5.75	6.25	6.01	5.95	6.08	7.05
Dry Fertilizer	3.06	3.12	3.23	3.40	3.53	3.58	3.68	3.78	4.01
Liquid Fertilizer	3.19	3.29	3.33	3.50	3.57	3.72	3.78	3.87	4.17
Anhydrous Ammonia	5.24	5.59	5.28	5.67	5.61	5.90	6.18	6.93	7.12
Herbicide									
Aerial	3.30	4.11	4.15	4.20	4.39	4.52	4.30	4.29	4.56
Ground Rig	3.28	3.39	3.48	3.59	3.72	3.81	3.85	4.03	4.26
Insecticide									
Aerial	3.91	4.11	4.16	4.19	4.42	4.49	4.83	4.30	4.74
Ground Rig	3.30	3.41	3.54	3.66	3.77	3.90	3.92	4.02	4.33

FEED PREPARATION

Rates for custom feed preparations are those generally charged by grain elevators and feed mills. Rates charged in 2005 are very close to those reported in 2004. Reports averaged 39 cents per hundredweight (cwt.) for grinding grain, 36 cents per cwt. for rolling grain, 32 cents per cwt. for grinding hay, 28 cents per cwt. for mixing, 58 cents per cwt. for rolling and mixing, and 62 cents per cwt. for grinding and mixing.

Custom Rates for Feed Preparation, 2005, by District

District	Grinding Grain			Rolling Grain			Grinding Hay		
	Number of Reports	Cents per Cwt.		Number of Reports	Cents per Cwt.		Number of Reports	Cents per Cwt.	
		Range	Avg.		Range	Avg.		Range	Avg.
NW	3	25-50	35	<u>1/</u>			4	25-50	39
WC	<u>1/</u>			8	22-45	35	<u>1/</u>		
SW	3	30-40	35	4	30-40	33	<u>1/</u>		
NC	5	15-60	32	12	15-60	33	5	10-25	16
C	<u>1/</u>			7	20-60	32	7	17-70	31
SC	8	25-50	36	16	25-50	35	7	40-53	43
NE	5	20-60	41	4	25-60	43	<u>1/</u>		
EC	9	15-60	39	8	30-60	44	-		
SE	13	25-75	40	13	25-75	35	-		
STATE	49	15-75	39	73	15-75	36	27	10-70	32

1/ Insufficient number of reports; included in State totals.

District	Mixing			Rolling and Mixing			Grinding and Mixing		
	Number of Reports	Cents per Cwt.		Number of Reports	Cents per Cwt.		Number of Reports	Cents per Cwt.	
		Range	Avg.		Range	Avg.		Range	Avg.
NW	<u>1/</u>			<u>1/</u>			<u>1/</u>		
WC	6	10-35	25	3	50-80	63	<u>1/</u>		
SW	4	20-30	28	3	50-70	60	<u>1/</u>		
NC	10	10-60	27	9	25-100	49	4	16-60	32
C	10	12-40	25	6	25-100	52	<u>1/</u>		
SC	13	20-35	26	9	45-75	61	7	50-80	65
NE	<u>1/</u>			<u>1/</u>			<u>1/</u>		
EC	9	10-80	35	9	50-100	73	7	30-100	79
SE	14	10-75	29	8	20-75	52	6	40-70	60
STATE	69	10-80	28	50	20-100	58	31	16-100	62

1/ Insufficient number of reports; included in State totals.

FEED PREPARATION (Continued)

Charges for pelleting feed operations averaged 89 cents per cwt., 10 cents more than in 2004. The charge for grinding, mixing, and pelleting operations combined averaged 120 cents per cwt., 4 cents higher than in 2004. Sacking operations, excluding the cost of sacks, averaged 115 cents per cwt., 3 cents more than last year's average.

Custom Rates for Feed Preparation, 2005

District	Pelleting Only			Grinding, Mixing and Pelleting			Sacking		
	Number of Reports	Cents per Cwt.		Number of Reports	Cents per Cwt.		Number of Reports	Cents per Cwt.	
		Range	Avg.		Range	Avg.		Range	Avg.
NW	-			-			<u>1/</u>		
WC	-			-			<u>1/</u>		
SW	<u>1/</u>			<u>1/</u>			4	65-125	90
NC	-			-			9	50-300	128
C	<u>1/</u>			-			5	115-210	161
SC	5	50-175	84	3	110-140	122	12	30-300	121
NE	-			-			4	70-160	113
EC	<u>1/</u>			-			10	75-200	150
SE	3	50-100	77	<u>1/</u>			15	25-240	83
STATE	11	50-175	89	6	80-150	120	62	25-300	115

1/ Insufficient number of reports; included in State totals.

Custom Rates for Feed Preparation, State Historical Averages

Type of Preparation	1997	1998	1999	2000	2001	2002	2003	2004	2005
Cents per Cwt.									
Grinding Grain	29	33	31	35	34	36	35	36	39
Rolling Grain	28	30	29	30	31	33	33	34	36
Grinding Hay	-	56	-	-	66	74	62	25	32
Mixing	22	22	22	23	23	26	26	26	28
Rolling and Mixing	42	44	45	42	49	51	52	56	58
Grinding and Mixing	44	49	46	51	53	53	57	57	62
Pelleting	67	77	73	82	70	76	84	79	89
Grinding, Mixing, and Pelleting	95	99	122	126	118	119	114	116	120
Sacking (excluding sacks)	73	76	88	93	91	95	116	112	115

FEED DELIVERY

There are many different methods of charging for bulk feed deliveries. Rates for four of the most commonly reported methods are presented below. Method 1 has a charge per load plus a charge per mile. Other types of charges were reported but could not be summarized for this report. Many operators also charged extra for miles beyond a specified limit. For all methods, the average extra charge was \$1.31 per mile after 14 miles.

Custom Rates for Feed Delivery, 2005, by District

District	Method 1 (Charge per Load plus Mileage)				Method 2 (Charge per Mile)			Method 3 (Charge per Ton)			Method 4 (Charge per Load)			Extra Charge (All Methods)		
	Number of Reports	Dollars per Load	Dollars per Mile	Avg. Load (Tons)	Number of Reports	Dollars per Mile	Avg. Load (Tons)	Number of Reports	Dollars per Ton	Avg. Load (Tons)	Number of Reports	Dollars per Load	Avg. Load (Tons)	Number of Reports	Maxim. Miles	Extra Dollars per Mile
NW	-				-			-			<u>1/</u>			<u>1/</u>		
WC	3	15.00	1.25	8.7	<u>1/</u>			<u>1/</u>			<u>1/</u>			3	28	1.17
SW	<u>1/</u>				<u>1/</u>			<u>1/</u>			<u>1/</u>			<u>1/</u>		
NC	3	18.52	1.16	7.7	<u>1/</u>			-			11	20.41	7.0	7	9	1.50
C	4	25.39	1.08	8.8	<u>1/</u>			-			6	23.33	8.0	3	8	1.08
SC	7	16.00	1.65	8.7	4	2.58	12.5	<u>1/</u>			4	36.75	9.0	<u>1/</u>		
NE	<u>1/</u>				<u>1/</u>			<u>1/</u>			6	29.00	6.5	<u>1/</u>		
EC	3	20.50	1.67	12.7	-			<u>1/</u>			12	32.85	6.6	5	9	1.30
SE	<u>1/</u>				7	1.77	10.3	4	6.38	11.5	9	22.78	6.6	5	25	1.40
STATE	25	19.10	1.56	8.9	19	1.97	10.8	10	6.55	9.4	54	25.98	7.1	29	14	1.31

1/ Insufficient number of reports; included in State totals.

MACHINERY RENTAL

Rental costs listed below do not include the cost of fuel or labor for self-propelled equipment and tractors. Fertilizer applicators were the most commonly reported rental items, followed by tractors, combines, and planting equipment. Many items, such as cultivators, chisels, and mower/conditioners, were reported but had too few reports to summarize.

Rental charges are similar to those reported in recent years. Average rental costs for most items show increases or decreases due to the varied demand and increasing costs of implements. Some of the variation may be due to the small numbers of reports for some rental items.

Machine Rental Rates, 2005

Machine or Tool	Method of Charge	Number of Reports	Range	Average
Combine	\$/Hour	24	34.00-175.00	113.30
Grain Cart	\$/Hour	<u>1</u> /		
No-Till Drill	\$/Acre	13	1.00-10.00	7.77
Row Planter	\$/Acre	5	2.50-6.00	4.03
Field Cultivator	\$/Acre	<u>1</u> /		
Fertilizer Applicators				
Dry	\$/Ton	23	1.50-30.00	9.31
Dry	\$/Acre	9	1.00-4.25	1.92
Anhydrous	\$/Ton	9	6.00-40.00	14.33
Anhydrous	\$/Acre	18	1.00-5.50	1.99
Dual	\$/Acre	4	1.75-2.50	2.09
Liquid	\$/Acre	4	1.50-6.00	3.13
Hay Equipment				
Baler, Large Bales	\$/Bale	3	3.50-7.00	5.00
Tub Grinder	\$/Hour	-		
Swather	\$/Hour	<u>1</u> /		
Tractor				
51-100 HP	\$/Hour	<u>1</u> /		
101-150 HP	\$/Hour	5	15.00-30.00	22.80
151-200 HP	\$/Hour	4	18.50-60.00	37.13
201+ HP	\$/Hour	7	22.50-100.00	41.93
Size Not Specified	\$/Hour	10	17.00-36.00	28.35
KAT (Rubber Track)	\$/Hour	<u>1</u> /		

1/ Insufficient number of reports.

TERRACING AND DOZING

Building terraces averaged 53 cents per foot, an increase of 2 cents per foot from 2004. The average cost for general dozer work was \$91.74 per hour, compared with \$90.02 last year.

Custom Rates for Terracing and Dozing, 2005, by District

District	Number of Reports	Cents per Foot		Number of Reports	Dollars per Hour	
		Range	Average		Range	Average
		Terracing			Dozing	
NW	1/			1/		
WC	1/			-		
SW	-			-		
NC	1/			5	75.00-87.50	80.50
C	1/			1/		
SC	-			-		
NE	-			18	55.00-140.00	94.72
EC	-			1/		
SE	-			7	80.00-125.00	98.57
STATE	4	15-70	53	36	45.00-140.00	91.74

1/ Insufficient number of reports; included in State totals.