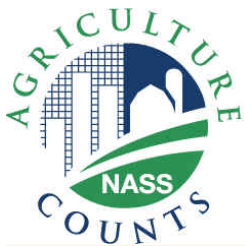


Custom Rates

2006



USDA/NASS
Kansas Field Office



Fact Finders for Agriculture

National Agricultural Statistics Service/ USDA

Website: http://www.nass.usda.gov/Statistics_by_State/Kansas/Publications/Custom_Rates/index.asp

2006 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 2007

KANSAS DISTRICTS

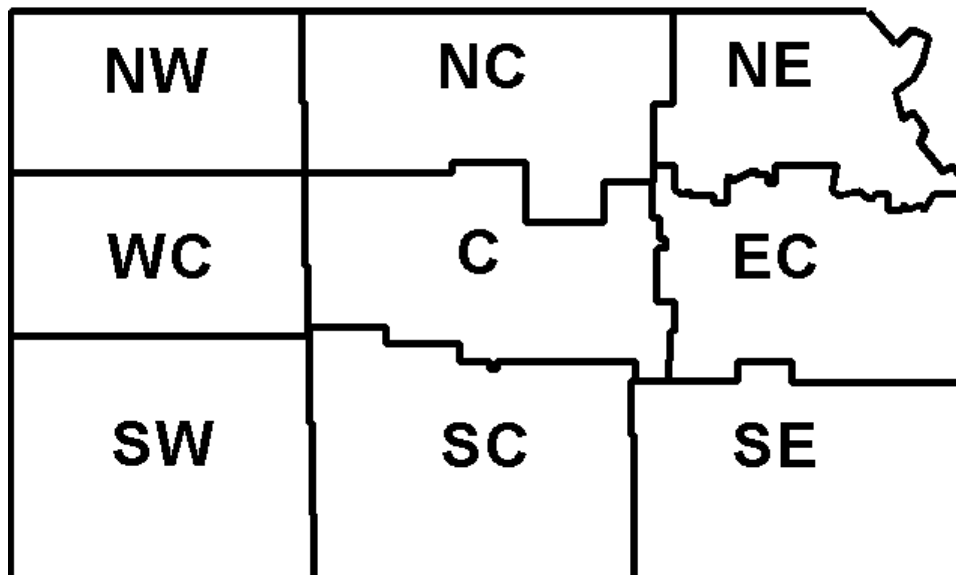


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INTRODUCTION

This publication reports the average rates paid by Kansas farmers and ranchers for custom work performed on their operation in 2006. A special thanks to the 1,239 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 2006 are generally similar to those reported in 2005. Of the over 130 custom work items or machinery rentals in this report, 88 increased in price, 8 were unchanged, and 36 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 \$15.78 per acre with, in most cases, an additional average charge of 14.9 cents per bushel for yields greater than 21 bushels per acre. The per acre rate is up 54 cents from 2005. 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, 2006, by District

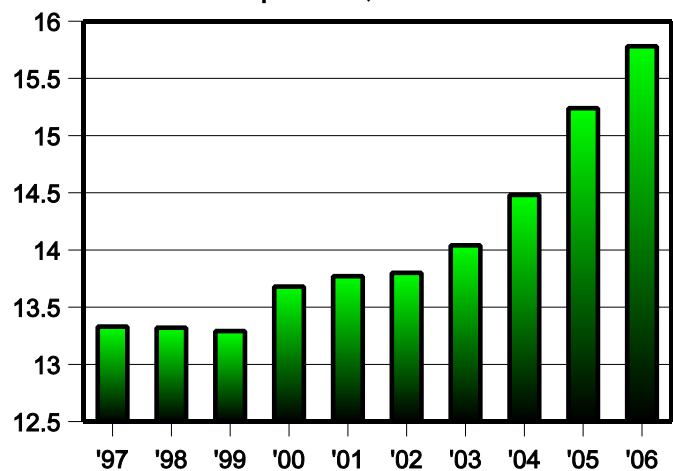
District	Number of Reports <u>1/</u>	Dollars per Acre		Number of Reports <u>1/</u>	Extra Charge for High Yield	
		Range	Avg.		¢ per Bushel	Above Bushels
NW	54	12.00-18.00	14.94	50	14.8	21
WC	55	12.00-18.00	15.04	53	15.0	22
SW	57	10.00-18.00	14.56	49	14.7	21
NC	66	12.00-21.00	15.30	53	14.9	22
C	74	12.00-22.00	15.14	69	14.9	21
SC	110	13.00-20.00	15.16	100	14.9	21
NE	37	14.00-25.00	18.84	11	15.9	22
EC	33	15.00-30.00	19.42	8	15.1	24
SE	37	14.00-24.00	17.65	15	14.7	23
STATE	523	10.00-30.00	15.78	408	14.9	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
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
2006	15.78	14.9	21

Custom Wheat Harvest Dollars per Acre, 1997-2006



GRAIN HARVESTING (Continued)

GRAIN SORGHUM: Custom rates charged for harvesting of grain sorghum averaged \$16.64 per acre, an increase of \$0.13 per acre from last year. Additional charges averaged 14.8 cents per bushel for yields over 36 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, 2006, by District

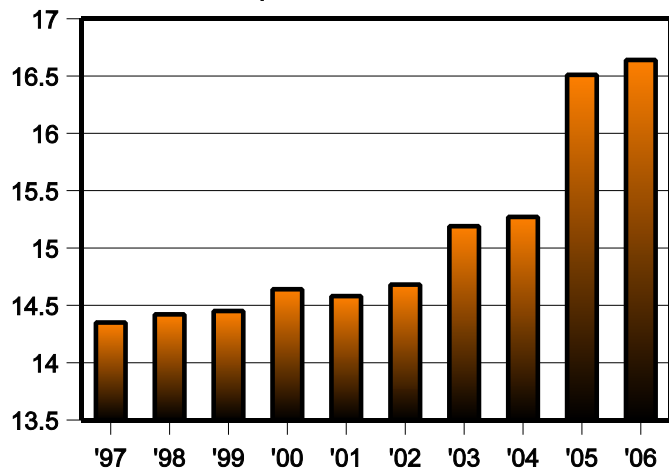
District	Number of Reports <u>1/</u>	Dollars per Acre		Number of Reports <u>1/</u>	Extra Charge for High Yield	
		Range	Avg.		¢ per Bu.	Above Bushels
NW	22	14.00-22.00	15.68	20	15.1	36
WC	26	12.00-25.00	15.62	22	15.2	34
SW	18	13.00-20.00	16.17	14	15.5	40
NC	32	13.00-33.00	16.38	23	14.5	36
C	34	12.00-24.00	15.29	29	14.6	34
SC	34	13.00-33.00	16.91	25	14.8	34
NE	15	14.00-26.00	19.87	<u>2/</u>		
EC	10	15.00-22.00	19.80	<u>2/</u>		
SE	14	15.00-21.00	18.21	5	13.0	49
STATE	205	12.00-33.00	16.64	141	14.8	36

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
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
2006	16.64	14.8	36

**Custom Grain Sorghum Harvest
Dollars per Acre, 1997-2006**



GRAIN HARVESTING (Continued)

CORN: Custom harvesters charged a flat rate of 27 cents per bushel in 2006, up 1 cent from 2005. The per acre charge to have corn custom harvested was \$21.75, up \$0.07 from last year, with some operators adding an average extra charge of 15.0 cents per bushel for yields above 74 bushels per acre.

Custom Rates for Corn Harvest, 2006, by District

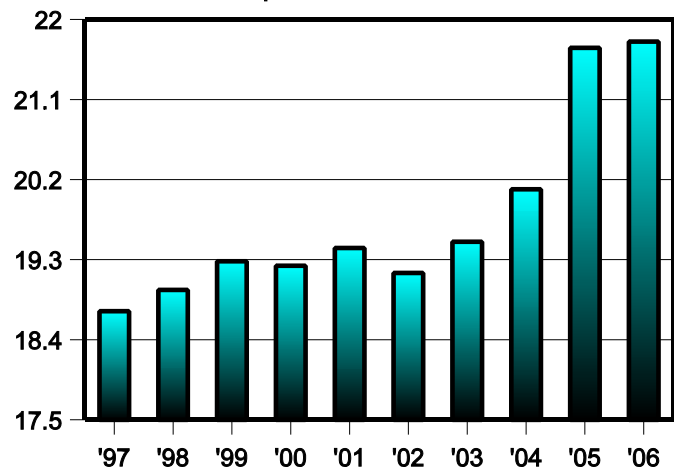
Dist.	Flat Rate Charge			Per Acre Charge					
	Number of Reports 1/	Cents per Bushel		Number of Reports 1/	Dollars per Acre		Number of Reports 1/	Extra Charge for High Yield	
		Range	Avg.		Range	Avg.		¢ per Bushel	Above Bushels
NW	15	15-35	27	15	15.00-26.00	19.60	8	14.9	65
WC	12	18-37	28	12	14.00-31.00	20.50	5	16.0	75
SW	22	16-33	27	12	12.00-29.00	20.58	4	16.3	81
NC	8	19-33	25	14	14.00-31.00	21.43	6	16.7	73
C	22	18-36	26	14	17.00-30.00	21.93	4	16.0	64
SC	28	18-35	27	20	15.00-35.00	21.45	7	15.0	74
NE	5	22-33	28	39	17.00-32.00	23.13	5	16.4	90
EC	2/			27	20.00-30.00	22.89	5	10.4	78
SE	4	22-33	28	26	15.00-26.00	21.15	7	13.7	69
STATE	117	15-37	27	179	12.00-35.00	21.75	51	15.0	74

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
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
2006	21.75	15.0	74	27

Custom Corn Harvest
Dollars per Acre, 1997-2006



GRAIN HARVESTING (Continued)

SOYBEANS: The charge to custom harvest soybeans increased by \$0.40 per acre from 2005 for an average per acre cost of \$21.88 for 2006. Some operators added an extra charge averaging 17.2 cents per bushel for yields over 27 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, 2006, by District

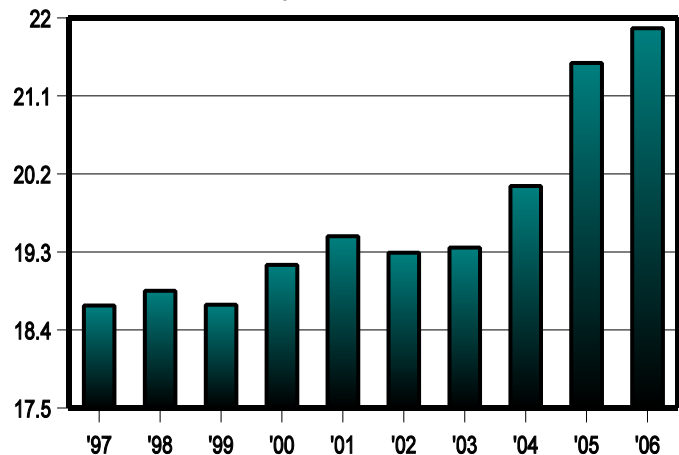
District	Number of Reports ^{1/}	Dollars per Acre		Number of Reports ^{1/}	Extra Charge for High Yield	
		Range	Avg.		¢ per Bushel	Above Bushels
NW	21	14.00-30.00	20.90	9	17.2	26
WC	12	14.00-32.00	22.50	5	19.4	29
SW	18	16.00-30.00	22.17	8	18.5	29
NC	34	15.00-32.00	22.68	11	19.1	28
C	40	14.00-27.00	21.20	18	16.5	25
SC	52	14.00-30.00	22.29	19	16.6	27
NE	55	18.00-27.00	22.71	5	17.8	34
EC	38	18.00-30.00	21.89	4	18.0	26
SE	34	16.00-26.00	20.09	12	15.3	25
STATE	304	14.00-32.00	21.88	91	17.2	27

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

Custom Soybean Harvest Historical Rates

Year	Dollars Per Acre	Extra Charge for High Yield	
		¢ per Bushel	Above Bushels
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
2006	21.88	17.2	27

Custom Soybean Harvest
Dollars per Acre, 1997-2006



GRAIN HARVESTING (Continued)

SUNFLOWERS: Custom harvesting of sunflowers averaged \$19.55 per acre in 2006. This compares to \$20.24 per acre in 2005. Some operators charged an extra charge for high yield of 21.3 cents per hundredweight for yields above 12.0 hundredweight per acre.

**Custom Rates for Sunflower Harvest,
2006, by District**

Dist.	Number of Reports ^{1/}	Dollars per Acre	
		Range	Avg.
NW	8	16.00-22.00	18.00
WC	3	17.00-25.00	20.67
SW	5	15.00-20.00	17.60
NC	8	15.00-22.00	19.25
C	5	17.00-25.00	20.80
SC	9	17.00-25.00	21.22
NE	<u>2/</u>		
EC	3	17.00-22.00	19.67
SE	<u>2/</u>		
STATE	44	15.00-25.00	19.55

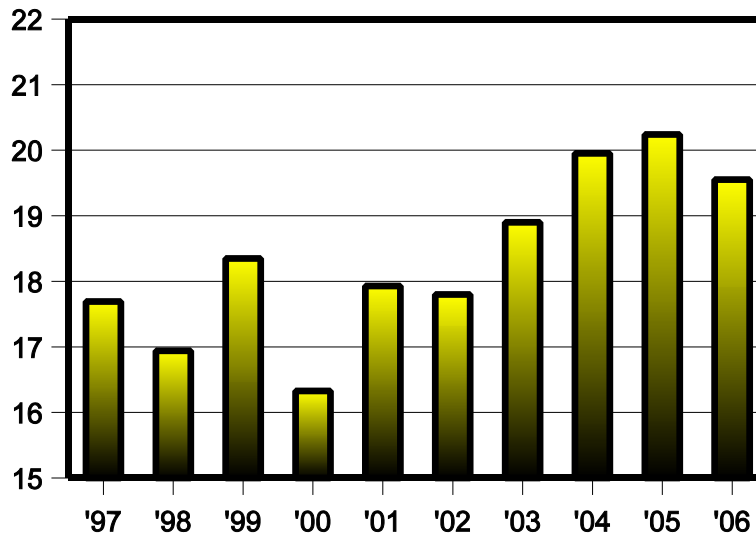
**Custom Sunflower Harvest
Historical Rates**

Year	Dollars per Acre	Extra Charges for High Yield	
		¢ per Cwt.	Above Cwt.
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
2006	19.55	21.3	12.0

^{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, 1997-2006



SEED CLEANING

Wheat seed cleaning with treatment averaged 114 cents per bushel, up from 98 cents the previous year. Rates for cleaning wheat without treatment averaged 51 cents per bushel, compared to 48 cents in 2005. The average cost for cleaning soybeans with treatment was \$1.07 per bushel, a decrease of 6 cents from the year earlier. The average cost of cleaning soybeans without any treatment was 47 cents, down 8 cents from the 2005 average.

Custom Rates for Seed Cleaning, 2006, 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	<u>1/</u>			11	40-75	58	-			-		
WC	<u>1/</u>			14	30-75	46	-			-		
SW	<u>1/</u>			11	35-70	52	-			-		
NC	10	60-200	134	30	10-100	52	-			-		
C	16	20-215	118	35	30-75	52	-			-		
SC	12	40-210	97	46	30-90	48	-			<u>1/</u>		
NE	6	55-400	172	6	40-60	53	<u>1/</u>			<u>1/</u>		
EC	<u>1/</u>			8	45-100	62	-			-		
SE	7	45-190	111	14	35-125	52	<u>1/</u>			7	25-75	44
ST	58	20-400	114	175	10-125	51	3	50-215	107	9	25-75	47

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

Historical Custom Rates for Seed Cleaning

Crop	2001	2002	2003	2004	2005	2006
Wheat (Cents/Bushel)						
With Treatment	103	86	90	82	98	114
Without Treatment	46	46	48	47	48	51
Soybeans (Cents/Bushel)						
With Treatment	126	137	110	96	113	107
Without Treatment	50	47	50	49	55	47
Alfalfa (Cents/Pound)						
With Treatment	<u>1/</u>	<u>1/</u>	<u>1/</u>	-	<u>1/</u>	<u>1/</u>
Without Treatment	13	25	33	-	18	<u>1/</u>
Red Clover (Cents/Pound)						
With Treatment	<u>1/</u>	<u>1/</u>	<u>1/</u>	-	-	<u>1/</u>
Without Treatment	12	27	<u>1/</u>	<u>1/</u>	22	<u>1/</u>
All Other Seed Cleaned (Cents/Pound)						
With Treatment	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>	-	35
Without Treatment	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>	47	43

1/ Insufficient data to publish. 2/ Data not collected.

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 14.1 cents per bushel with an extra charge of 0.9 cent per bushel per mile over 15 miles. This compares with the 2005 average of 13.8 cents per bushel plus 1.2 cent per bushel per mile over 15 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, 2006, 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								
NW	34	14.5	18	0.5	14	14.6	21	0.4
WC	41	14.6	11	0.7	17	14.5	13	0.6
SW	32	13.9	12	0.7	5	14.0	14	0.3
NC	50	15.2	15	0.8	24	14.2	14	0.7
C	46	14.6	12	1.0	20	14.9	17	0.6
SC	78	14.7	14	2.2	22	14.8	13	0.9
NE	28	14.4	15	0.9	13	14.5	15	1.2
EC	20	13.4	11	0.9	7	11.9	9	1.0
SE	23	13.6	16	0.9	11	13.5	19	0.8
STATE	352	14.5	14	1.0	133	14.3	15	0.8
Corn								
NW	8	13.9	21	0.3	14	13.9	24	0.4
WC	7	16.0	16	0.8	4	14.5	14	0.8
SW	6	14.8	13	0.5	4	15.5	16	0.3
NC	11	14.5	16	0.5	21	15.0	16	0.9
C	5	13.6	10	0.7	13	13.8	12	0.8
SC	17	13.5	10	1.0	28	14.4	14	1.0
NE	26	13.0	17	1.0	32	12.8	15	0.8
EC	21	12.2	12	0.8	27	13.0	15	0.8
SE	18	15.3	24	0.8	20	13.9	18	0.9
STATE	119	13.8	15	0.8	163	13.8	16	0.8
Soybeans								
Region	Number of Reports	Cents per Cwt.	Miles Limit	Cents/Cwt. /Mile Over Basic Mileage				
Sunflowers								
West	10	31.3	18	0.9				
Central	11	27.3	15	1.0				
Eastern	1/							
State	23	30.9	16	1.0				

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 \$6.93 per ton, up from \$6.71 from the 2005 average. Operations which included only chopping and hauling averaged \$5.79, which was up 20 cents from 2005. Chopping averaged \$4.03, compared to \$3.76 the previous year, and hauling only averaged \$2.22 per ton, up 10 cents from the year earlier.

Custom Rates for Silage Operations, per Ton, 2006, 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	3	5.50-7.85	6.38	7	4.50-6.00	5.25
WC	5	5.00-7.50	5.95	7	5.25-8.00	6.18
SW	4	5.90-7.25	6.70	6	4.90-7.00	5.69
NC	3	2.75-12.00	7.08	11	2.75-10.00	6.08
C	5	5.50-13.00	7.35	7	4.75-6.50	5.68
SC	5	6.00-7.25	6.70	7	5.00-6.50	5.54
NE	4	6.00-10.50	8.00	10	4.50-10.00	6.01
EC	1/			3	5.00-6.50	5.83
SE	1/			1/		
STATE	31	2.75-13.00	6.93	60	2.75-10.00	5.79

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	7	2.50-6.00	3.74	7	0.20-3.00	2.12
WC	3	2.55-3.50	2.93	3	2.45-4.00	2.98
SW	6	2.45-5.25	3.30	8	0.20-3.00	2.24
NC	9	2.00-7.00	4.47	3	1.00-2.75	2.00
C	7	3.50-6.50	4.86	3	2.25-2.60	2.45
SC	6	2.65-6.50	4.26	6	1.35-2.75	2.36
NE	3	3.00-4.50	3.58	3	0.20-2.30	1.37
EC	-			-		
SE	-			-		
STATE	41	2.00-7.00	4.03	33	0.20-4.00	2.22

HAYING

Mowing or swathing hay cost an average of \$9.65 per acre, 43 cents more than in 2005. Mowing or swathing forage cost an average of \$11.05 per acre, compared to \$11.03 the previous year. Mowing or swathing with conditioning was \$10.03 per acre, up 57 cents from the preceding year, and the charge for side raking averaged \$3.40 per acre, up 18 cents from 2005.

Custom Rates for Mowing or Swathing, 2006, by District

District	Hay			Forage		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
NW	11	8.00-13.00	10.32	7	12.00-14.00	12.43
WC	7	10.00-13.00	11.57	6	7.50-16.00	11.42
SW	21	7.00-13.00	10.13	6	6.00-14.00	11.00
NC	15	6.00-12.00	8.77	12	8.00-13.00	10.46
C	24	3.00-12.00	9.10	6	8.50-12.00	11.00
SC	45	3.75-16.00	10.09	22	8.00-15.50	11.33
NE	13	7.00-15.00	10.40	1/		
EC	14	7.00-14.00	9.30	1/		
SE	34	4.00-15.00	8.76	4	8.00-14.00	10.75
STATE	184	3.00-16.00	9.65	67	5.50-16.00	11.05

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

Custom Rates for Swathing & Conditioning and Sideraking, 2006, by District

District	Swathing and Conditioning			Sideraking		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
NW	13	8.00-14.00	11.27	4	3.00-5.00	3.94
WC	11	10.00-12.00	11.18	1/		
SW	20	8.00-13.00	10.60	10	2.00-5.00	3.73
NC	23	6.00-13.00	9.26	11	1.00-4.00	2.91
C	26	7.00-17.00	9.88	13	1.00-5.00	3.50
SC	60	7.50-17.00	9.96	26	1.00-7.00	3.17
NE	21	3.00-17.00	9.56	4	2.00-4.00	3.00
EC	14	7.50-15.00	9.86	6	2.50-5.00	3.50
SE	16	3.00-15.00	9.84	16	2.00-6.00	3.75
STATE	204	3.00-17.00	10.03	91	1.00-7.00	3.40

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

HAYING (Continued)

Custom baling of small square bales with wire cost an average of 71 cents per bale, while baling with twine averaged 67 cents per bale in 2006. Large round bales weighing less than 1500 lbs. without net wrapping cost an average of \$8.59 per bale, while bales of the same size with net wrapping cost an average of \$9.08 per bale. Large round bales weighing over 1500 lbs. without net wrapping cost an average of \$8.85 per bale. Bales of the same size but being net wrapped cost an average of \$9.58 per bale. The charge for large square bales weighing about one ton averaged \$12.90 per bale, up \$0.10 from 2005.

Custom Rates for Baling Hay, 2006

Type of Bale	Number of Reports	Dollars per Bale	
		Range	Average
Small: Square w/Wire	46	0.20-2.05	0.71
Square w/Twine	35	0.20-2.10	0.67
Large: Round (under 1,500 lbs.) wo/net	140	5.00-15.00	8.59
Round (under 1,500 lbs.) w/net	101	6.00-15.00	9.08
Round (over 1,500 lbs.) wo/net	90	5.00-17.00	8.85
Round (over 1,500 lbs.) w/net	147	7.00-15.00	9.58
Square (approx. 1 ton)	45	7.00-20.00	12.90

Custom Rates for Baling, Square Bales, 2006, 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/			-		
WC	1/			5	20-65	50	-		
SW	1/			6	36-100	61	11	12.00-20.00	15.52
NC	7	50-125	77	1/			4	8.25-17.00	10.69
C	4	60-100	74	3	30-135	88	8	9.50-16.00	11.63
SC	10	50-100	68	6	32-80	51	11	8.00-19.20	14.65
NE	4	25-65	48	3	36-210	107	1/		
EC	6	50-205	86	7	50-125	77	4	7.00-9.00	7.78
SE	11	50-110	74	1/			6	8.35-20.00	12.31
STATE	46	20-205	71	35	20-210	67	45	7.00-20.00	12.90

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

Custom Rates for Baling, Large Round Bales, 2006, 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	9	6.00-9.00	7.83	4	7.00-9.50	8.44	7	8.00-11.00	9.43	16	7.00-15.00	8.70
WC	9	5.00-12.00	8.61	8	5.00-8.00	7.00	1/			5	7.00-12.75	9.95
SW	11	8.00-15.00	10.02	6	10.00-15.00	11.33	8	7.50-15.00	10.06	16	8.00-15.00	10.09
NC	16	6.00-9.00	7.56	7	6.00-9.00	8.14	9	7.00-9.00	7.94	7	8.00-12.00	9.43
C	16	6.00-12.00	8.47	22	6.50-11.00	8.28	11	7.00-11.00	8.95	23	7.50-12.00	9.25
SC	29	6.00-10.00	8.36	20	8.00-10.00	8.63	26	6.00-12.00	9.09	52	8.00-12.00	9.41
NE	12	5.50-12.00	7.98	16	7.00-11.00	8.84	11	6.50-10.00	8.27	13	8.00-13.50	10.17
EC	13	5.50-15.00	8.62	3	12.00-17.00	14.00	9	6.00-14.00	8.97	4	7.00-14.50	10.13
SE	25	6.50-15.00	9.50	4	9.50-14.00	10.88	19	7.00-15.00	9.53	11	7.50-13.00	10.59
STATE	140	5.00-15.00	8.59	90	5.00-17.00	8.85	101	6.00-15.00	9.08	147	7.00-15.00	9.58

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

HAYING (Continued)

Custom rates for hauling small bales from the field to farm storage averaged 58 cents per bale in 2006, up 8 cents from the previous year. Rates for hauling large bales averaged \$3.63 per bale or \$6.96 per ton. Custom rates for hay stacking averaged \$55.00 per stack for stacks 4 tons and more.

Custom Rates for Hauling Small Bales from Field to Storage, 2006

District	No. of Rpts.	Cents per Bale	
		Range	Average
NW	-		
WC	-		
SW	<u>1/</u>		
NC	3	30-50	40
C	<u>1/</u>		
SC	6	25-150	68
NE	-		
EC	5	50-65	54
SE	4	45-75	64
STATE	21	25-150	58

Custom Rates for Stacking Hay, 2006

Stack Size (Tons)	No. of Rpts.	Dollars per Stack	
		Range	Average
4 or More Tons	3	35.00-65.00	55.00

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

Custom Rates for Hauling Large Bales from Field to Storage, 2006, by District

District	Number of Reports	Dollars per Bale		Number of Reports	Dollars per Ton	
		Range	Average		Range	Average
NW	6	2.00-7.50	3.92	<u>1/</u>		
WC	-			<u>1/</u>		
SW	11	2.00-5.00	3.09	<u>1/</u>		
NC	4	2.00-11.50	4.63	-		
C	5	2.00-5.00	3.00	<u>1/</u>		
SC	19	1.00-7.50	3.46	<u>1/</u>		
NE	3	2.00-5.00	3.33	-		
EC	4	2.50-5.00	3.60	<u>1/</u>		
SE	13	1.00-7.00	4.19	<u>1/</u>		
STATE	65	1.00-11.50	3.63	8	2.00-14.00	6.96

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 \$1.35 per bale, down 6 cents from 2005. The large bale rate, at \$16.51 per bale was up 96 cents from a year earlier. Rates reported on a per ton basis averaged \$27.79, up from the average of \$26.23 the prior year.

Custom Rates for Entire Haying Operation, per Bale, 2006, by District

District	Small Bales			Large Bales		
	Number of Reports	Dollars per Bale		Number of Reports	Dollars per Bale	
		Range	Average		Range	Average
NW	-			1/		
WC	-			-		
SW	3	0.75-2.00	1.25	1/		
NC	-			1/		
C	-			1/		
SC	-			1/		
NE	-			1/		
EC	5	1.00-2.25	1.49	12	13.00-25.00	15.96
SE	1/			16	13.00-21.00	16.00
STATE	10	0.58-2.25	1.35	37	5.00-28.00	16.51

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

Custom Rates for Entire Haying Operation, per Ton, 2006, by Region

Region	Number of Reports	Dollars per Ton		Region	Number of Reports	Dollars per Ton	
		Range	Average			Range	Average
WEST	7	24.00-28.00	26.14	EAST	4	13.00-45.00	28.25
CENTRAL	3	27.00-39.00	31.00	STATE	14	13.00-45.00	27.79

ROTARY MOWING AND TREE SHEARING

The average custom rate for rotary mowing was \$10.35 per acre or \$63.16 per hour in 2006. In 2005, charges were \$9.58 per acre or \$55.28 per hour. The average custom rate for tree shearing was \$60.71 per hour for 2006.

Custom Rates for Rotary Mowing, 2006, by District

Dist.	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Hour	
		Range	Avg.		Range	Avg.
NW	1/			-		
WC	1/			-		
SW	1/			1/		
NC	1/			1/		
C	1/			1/		
SC	1/			4	45.00-80.00	63.75
NE	1/			1/		
EC	4	10.00-20.00	13.63	7	45.00-90.00	61.43
SE	4	7.50-10.00	8.38	3	25.00-90.00	50.00
STATE	17	6.00-20.00	10.35	19	25.00-90.00	63.16

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

Skid Loader Tree Shearing, 2006, by District

Dist.	Number of Reports	Dollars per Hour	
		Range	Avg.
NW	-		
WC	1/		
SW	-		
NC	3	50.00-65.00	58.33
C	6	48.00-75.00	58.83
SC	6	30.00-150.00	65.83
NE	8	35.00-105.00	60.63
EC	5	40.00-60.00	49.00
SE	9	45.00-90.00	64.33
STATE	38	30.00-150.00	60.71

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 \$7.79, up 25 cents from the 2005 rate. The average charge per acre for one-way disking was \$8.00, up \$1.34 from the previous year average of \$6.66. The average offset disking charge of \$8.53 was up 77 cents per acre from the 2005 rate.

Custom Rates for Disking, 2006, 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	4	5.00-7.00	5.75	-			3	6.00-8.00	7.00
WC	4	6.00-7.00	6.31	<u>1/</u>			<u>1/</u>		
SW	7	6.50-10.00	7.93	-			4	7.00-12.00	9.88
NC	5	6.50-9.00	7.80	<u>1/</u>			<u>1/</u>		
C	9	6.00-9.00	7.49	-			9	5.00-10.00	7.94
SC	11	5.50-10.00	7.66	-			9	7.00-10.50	8.78
NE	9	6.00-12.00	8.83	<u>1/</u>			<u>1/</u>		
EC	4	8.00-10.00	9.13	-			<u>1/</u>		
SE	10	5.00-12.00	8.05	<u>1/</u>			5	6.00-11.00	7.80
STATE	63	5.00-12.00	7.79	6	6.00-12.00	8.00	37	5.00-15.00	8.53

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

In 2006, charges for spiketooth harrowing averaged \$5.88, an increase of 57 cents per acre. The average for springtooth harrowing in 2006 was 5.58 per acre, down 17 cents from 2005.

Custom Rates for Harrowing, 2006, by District

District	Spiketooth Harrow			Springtooth Harrow		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
NW	-			-		
WC	-			<u>1/</u>		
SW	-			<u>1/</u>		
NC	<u>1/</u>			-		
C	<u>1/</u>			3	4.00-7.00	5.67
SC	3	3.50-6.00	5.00	<u>1/</u>		
NE	-			-		
EC	<u>1/</u>			-		
SE	<u>1/</u>			-		
STATE	8	3.50-7.50	5.88	6	4.00-7.00	5.58

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

LAND TILLAGE (Continued)

Rates for custom chiseling 4-12 inches deep averaged \$9.10 per acre, a 65 cent per acre increase from the 2005 rate. Deep chiseling, over 12 inches deep, averaged \$11.88 per acre, an increase of \$1.03 from the previous year average of \$10.85.

Custom Rates for Chiseling, 2006, 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	1/			1/		
WC	1/			1/		
SW	5	7.00-11.00	8.80	5	8.00-16.25	13.10
NC	1/			1/		
C	4	6.00-8.00	6.63	3	12.00-16.00	14.33
SC	9	7.00-10.00	8.92	5	8.00-12.00	10.30
NE	6	6.00-15.00	11.17	5	12.00-16.00	13.40
EC	4	7.00-10.00	8.50	3	8.50-16.00	11.17
SE	4	8.00-12.00	10.75	3	6.00-14.00	10.33
STATE	37	6.00-15.00	9.10	28	6.00-16.25	11.88

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

The average moldboard plowing rate decreased 32 cents per acre to \$11.04 while undercutting operations averaged \$6.43, up 36 cents from 2005.

Custom Rates for Plowing and Undercutting, 2006, 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	-			10	4.50-7.00	5.78
WC	1/			21	4.00-8.50	6.07
SW	1/			18	3.75-10.50	6.71
NC	-			1/		
C	1/			6	5.00-8.00	6.47
SC	5	8.00-18.00	11.80	4	5.50-8.00	6.75
NE	1/			-		
EC	1/			1/		
SE	1/			-		
STATE	13	5.00-18.00	11.04	62	3.75-12.00	6.43

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

LAND TILLAGE (Continued)

The average rate charged by custom operators for shank cultivation was \$7.37 in 2006, up 24 cents from the prior year. Wheel springtooth charges averaged \$7.02 per acre, up \$1.27 from 2005.

Custom Rates for Field Cultivation, 2006, 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	<u>1/</u>			-		
WC	<u>1/</u>			<u>1/</u>		
SW	4	6.00-8.50	7.19	<u>1/</u>		
NC	3	7.50-8.00	7.83	-		
C	11	5.00-10.00	7.80	3	6.75-8.00	7.25
SC	10	4.00-9.00	6.63	4	4.00-6.50	5.50
NE	7	7.00-12.00	8.93	<u>1/</u>		
EC	4	7.00-10.00	8.38	-		
SE	8	3.50-10.00	6.28	<u>1/</u>		
STATE	51	3.50-12.00	7.37	13	4.00-11.00	7.02

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

Custom Rates for Land Tillage, Historical Averages

Type of Operation	1998	1999	2000	2001	2002	2003	2004	2005	2006
	Dollars per Acre								
Disking	5.79	5.70	6.02	6.48	6.34	6.42	6.84	7.54	7.79
One-Way Disk	5.60	5.65	6.36	6.21	6.11	6.50	7.22	6.66	8.00
Offset Disk	6.16	6.29	6.76	6.54	6.72	7.02	7.01	7.76	8.53
Spiketooth Harrow	4.73	4.59	4.56	4.80	4.82	5.33	5.25	5.31	5.88
Springtooth Harrow	4.61	4.50	4.93	5.20	4.03	4.17	4.88	5.75	5.58
Chisel 4-12"	6.96	7.00	7.44	7.79	7.61	8.02	7.96	8.45	9.10
Deep Chisel Over 12"	8.61	8.84	9.13	9.54	10.33	8.94	10.05	10.85	11.88
Moldboard Plow	9.10	9.15	9.00	8.98	9.45	9.98	11.63	11.36	11.04
Undercutter	5.02	5.21	5.49	5.38	5.38	5.47	5.58	6.07	6.43
Shank Cultivator	5.42	5.57	5.66	5.92	6.16	6.18	6.27	7.13	7.37
Wheel Springtooth Cultivator	5.08	5.36	5.20	5.36	5.67	5.27	6.00	5.75	7.02

PLANTING Regular-Till

Small grain seeding charges averaged \$8.52 per acre, an increase of 35 cents per acre. Charges for planting grain sorghum increased 48 cents per acre to \$9.65 in 2006. The average price charged for planting corn was \$10.30 per acre, compared to \$9.69 per acre in 2005. Soybean planting charges averaged \$10.33 per acre in 2006, which is an increase of 57 cents from the year earlier. The grass seeding rate decreased 1 cent per acre to \$11.44 per acre in 2006. The price for seeding alfalfa-legumes averaged \$10.79 per acre, compared to \$10.52 in 2005.

Custom Rates for Regular-Till Planting, 2006, by District

District	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
Small Grains				Grain Sorghum		
NW	14	4.50-14.00	8.04	6	6.00-12.50	8.33
WC	20	4.00-11.00	7.35	11	7.00-12.00	9.73
SW	22	5.30-11.00	8.10	8	7.00-12.00	8.91
NC	9	6.00-12.00	8.89	6	8.00-9.50	8.55
C	19	5.00-14.00	8.79	9	9.00-14.00	11.39
SC	23	5.00-14.00	8.84	17	7.00-15.00	10.56
NE	5	7.00-10.00	9.00	1/		
EC	13	7.00-15.00	10.42	1/		
SE	10	5.00-12.00	8.10	9	5.00-12.00	8.44
STATE	135	4.00-15.00	8.52	70	5.00-15.00	9.65
Corn				Soybeans		
NW	4	6.00-10.00	7.25	3	8.00-12.50	10.50
WC	8	7.00-12.00	9.94	6	7.00-11.00	9.75
SW	6	8.00-12.00	9.88	1/		
NC	5	8.00-10.50	8.96	6	8.00-12.00	9.47
C	9	9.50-14.00	12.17	10	8.00-14.00	11.45
SC	14	8.50-15.00	11.04	21	6.50-15.00	10.48
NE	13	8.00-14.00	10.62	11	8.00-14.00	10.55
EC	10	4.00-12.50	9.70	8	8.00-12.50	10.19
SE	4	9.00-11.00	10.13	10	7.00-12.00	9.60
STATE	73	4.00-15.00	10.30	77	6.50-15.00	10.33
Grass Seeding				Alfalfa-legume Seeding		
NW	4	8.50-12.00	10.63	1/		
WC	1/			1/		
SW	1/			1/		
NC	-			3	10.00-13.00	11.83
C	3	12.00-12.00	12.00	5	4.50-14.00	10.60
SC	3	6.00-8.00	7.33	12	6.00-18.00	10.67
NE	-			1/		
EC	4	12.00-15.00	13.75	-		
SE	3	12.00-17.00	14.67	4	7.00-17.00	11.75
STATE	21	6.00-17.00	11.44	29	4.50-18.00	10.79

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

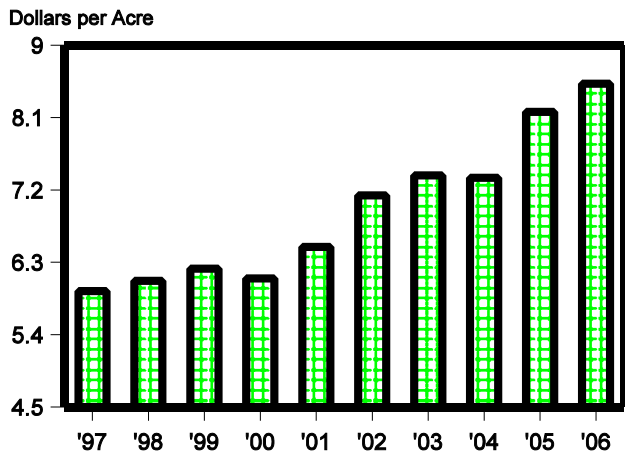
PLANTING (Continued)

Custom Rates for Regular-Till Planting, Historical Averages

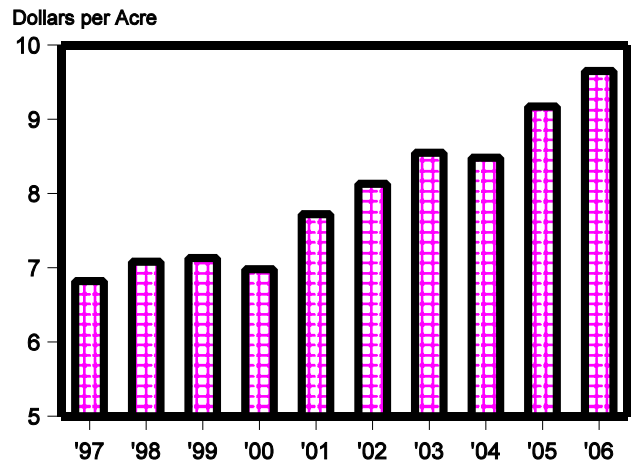
Crops	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Dollars per Acre										
Small Grains	5.94	6.07	6.22	6.10	6.49	7.13	7.38	7.35	8.17	8.52
Grain Sorghum	6.82	7.08	7.13	6.98	7.72	8.13	8.55	8.48	9.17	9.65
Corn	7.28	7.36	7.53	7.77	8.19	8.54	8.95	9.21	9.69	10.30
Soybeans	7.06	7.38	7.46	8.23	8.17	8.47	9.06	8.95	9.76	10.33
Grass	8.27	7.82	8.37	8.68	8.92	9.77	10.61	10.83	11.45	11.44
Alfalfa-Legume	7.42	7.41	7.76	7.46	8.59	9.83	10.29	9.63	10.52	10.79

Regular-Till Planting 1997-2006

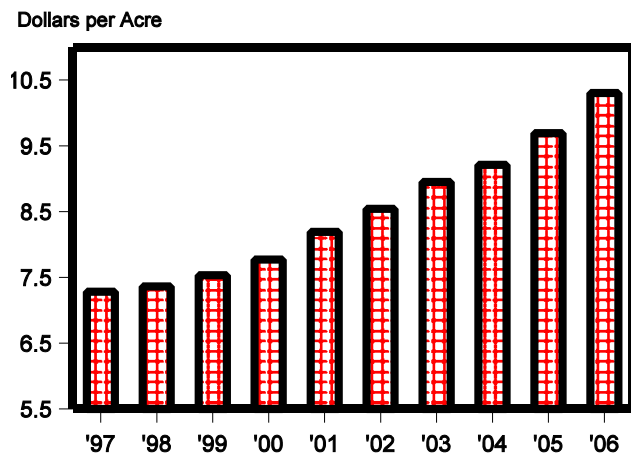
Small Grains



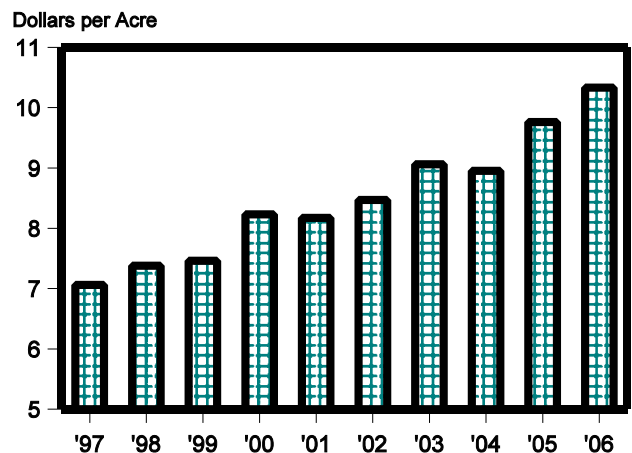
Grain Sorghum



Corn



Soybeans



PLANTING (Continued) Minimum-Till

Rates for minimum-till planting of small grains averaged \$11.77 per acre, up from \$11.45 in 2005. Minimum-till grain sorghum planting averaged \$11.26, up 32 cents from last year's rate. Corn planting averaged \$11.57 per acre, a 46 cent increase. Soybean planting averaged \$12.00 per acre, compared to last year's average of \$11.75 per acre.

Custom Rates for Minimum-Till or No-Till Planting, 2006, by District

District	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
Small Grains				Grain Sorghum		
NW	14	6.00-18.00	11.46	12	6.00-15.00	10.13
WC	18	5.00-15.00	10.74	17	6.00-14.00	10.34
SW	15	7.00-14.00	10.63	9	5.00-14.00	9.31
NC	18	8.00-16.95	12.72	15	8.00-16.00	11.92
C	27	8.00-16.00	11.91	20	7.00-15.00	11.55
SC	32	8.50-16.00	12.14	22	7.50-15.00	11.91
NE	14	8.50-13.00	11.39	7	10.00-14.75	12.25
EC	14	10.00-16.00	12.68	3	12.00-13.00	12.33
SE	14	7.00-15.00	11.75	7	10.00-15.00	12.21
STATE	166	5.00-18.00	11.77	112	5.00-16.00	11.26
Corn				Soybeans		
NW	15	6.00-15.00	10.13	3	10.00-15.00	13.33
WC	17	8.00-14.00	10.99	6	7.00-14.00	10.63
SW	3	8.00-12.50	10.83	3	12.00-14.00	12.67
NC	14	8.00-15.00	11.13	13	8.00-16.00	11.68
C	11	9.50-16.00	12.64	15	10.00-17.00	13.00
SC	16	10.25-15.00	12.92	16	9.00-14.00	12.19
NE	18	9.00-15.00	11.64	17	10.00-14.75	11.66
EC	17	8.00-15.00	11.68	18	8.00-15.00	11.67
SE	6	10.00-15.00	12.17	12	9.00-15.00	12.00
STATE	117	6.00-16.00	11.57	103	7.00-17.00	12.00

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

Crops	1998	1999	2000	2001	2002	2003	2004	2005	2006
Dollars per Acre									
Small Grains	8.91	9.76	9.77	9.89	10.11	10.36	10.72	11.45	11.77
Grain Sorghum	8.70	8.85	9.16	9.56	9.91	10.19	10.29	10.94	11.26
Corn	8.65	8.96	9.40	10.00	10.04	10.31	10.55	11.11	11.57
Soybeans	9.29	9.61	9.96	10.50	10.46	10.90	10.84	11.75	12.00

CHEMICAL APPLICATIONS

The custom rates for chemical applications presented here include the cost of machine, power, and the operator; however, the cost of the chemicals is excluded. Rates charged for crop cultivation with fertilizer application averaged \$7.60 per acre, while cultivation without fertilizer application averaged \$7.09. This compares with \$7.59 and \$7.05 per acre, respectively, in 2005.

Custom Rates for Row Crop Cultivation, 2006, by Region

Region	With Fertilizer			Without Fertilizer		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
WEST	3	7.25-13.00	10.75	10	5.50-10.00	6.80
CENTRAL	6	3.00-10.50	6.21	6	4.75-10.00	7.59
EAST	1/			1/		
STATE	10	3.00-13.00	7.60	17	4.75-10.00	7.09

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

Dry fertilizer applications averaged \$4.15 per acre, 14 cents more per acre than in the previous year. Liquid fertilizer was applied for an average per acre charge of \$4.42, which was up 25 cents from 2005.

Custom Rates for Fertilizer Application, 2006, by District

District	Dry Fertilizer			Liquid Fertilizer		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
NW	6	4.00-5.00	4.38	15	3.50-13.00	5.43
WC	9	3.75-12.00	4.89	18	2.00-13.00	4.46
SW	16	3.00-5.00	3.98	21	3.00-13.50	4.67
NC	28	4.00-5.25	4.30	30	3.50-11.00	4.64
C	37	3.50-4.50	3.98	43	3.00-5.25	4.04
SC	55	2.25-9.00	3.89	61	1.00-7.00	3.88
NE	31	2.00-5.50	4.37	40	3.50-7.00	4.73
EC	33	3.00-6.00	4.53	26	3.50-10.00	5.14
SE	30	3.00-5.00	3.91	28	2.00-5.00	4.14
STATE	245	2.00-12.00	4.15	282	1.00-13.50	4.42

CHEMICAL APPLICATIONS (Continued)

Custom chemical applicators charged an average of \$6.75 per acre to apply anhydrous ammonia, 37 cents less than the 2005 average.

Custom Rates for Application of Anhydrous Ammonia, 2006, by District

District	Number of Reports	Dollars per Acre	
		Range	Average
NW	6	2.50-13.50	7.79
WC	5	4.25-12.00	6.90
SW	9	3.00-9.00	5.89
NC	6	4.00-8.00	5.46
C	8	1.25-8.00	5.09
SC	13	3.50-9.25	5.72
NE	11	6.50-14.50	9.32
EC	8	4.50-12.00	7.63
SE	3	4.00-12.00	6.67
STATE	69	1.25-14.50	6.75

The average cost for aerial application of herbicide was \$4.83 per acre, up 27 cents from 2005. When herbicides were applied with a ground rig, the average cost was \$4.40, 14 cents above last year's average of \$4.26.

Custom Rates for Herbicide Application, 2006, by District

District	Aerial			Ground Rig		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
NW	8	4.00-6.50	4.84	14	4.00-5.25	4.21
WC	4	3.50-4.25	3.75	21	3.50-7.00	4.11
SW	12	3.50-10.00	5.06	23	3.00-6.00	4.13
NC	5	4.50-5.25	4.95	38	3.70-5.50	4.35
C	8	3.00-5.25	4.37	44	3.00-4.75	4.06
SC	10	3.75-5.75	4.78	52	2.00-6.50	4.01
NE	6	4.00-7.00	5.25	44	2.00-7.00	4.93
EC	6	4.00-8.00	5.21	32	4.00-8.00	5.21
SE	4	3.00-8.50	4.88	30	3.50-5.25	4.45
STATE	63	3.00-10.00	4.83	298	2.00-8.00	4.40

CHEMICAL APPLICATIONS (Continued)

The average cost for aerial application of insecticide was \$5.20 per acre, up 46 cents from the previous year. When insecticides were applied with a ground rig, the average cost was \$4.51, per acre, up 18 cents from the 2005 rate.

Custom Rates for Insecticide Application, 2006, by District

District	Aerial			Ground Rig		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
NW	3	4.00-6.50	5.25	7	4.00-5.25	4.32
WC	<u>1/</u>			11	2.50-7.00	4.02
SW	11	3.50-5.50	4.75	17	3.00-6.00	4.21
NC	5	4.00-5.00	4.80	24	3.70-5.50	4.41
C	5	4.25-5.25	4.95	31	3.00-5.25	4.13
SC	9	4.50-10.00	5.67	44	2.00-11.00	4.31
NE	3	4.75-7.00	5.67	30	4.00-6.50	5.05
EC	<u>1/</u>			20	4.00-8.00	5.42
SE	<u>1/</u>			18	4.00-5.50	4.48
STATE	42	3.50-10.00	5.20	202	2.00-11.00	4.51

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

Custom Rates for Chemical Application, State Historical Averages

Type of Operation or Application	1998	1999	2000	2001	2002	2003	2004	2005	2006
	Dollars per Acre								
Cultivation with Fertilizer	6.43	5.61	6.48	6.77	6.19	6.64	6.73	7.59	7.60
Cultivation without Fertilizer	6.11	5.88	5.75	6.25	6.01	5.95	6.08	7.05	7.09
Dry Fertilizer	3.12	3.23	3.40	3.53	3.58	3.68	3.78	4.01	4.15
Liquid Fertilizer	3.29	3.33	3.50	3.57	3.72	3.78	3.87	4.17	4.42
Anhydrous Ammonia	5.59	5.28	5.67	5.61	5.90	6.18	6.93	7.12	6.75
Herbicide									
Aerial	4.11	4.15	4.20	4.39	4.52	4.30	4.29	4.56	4.83
Ground Rig	3.39	3.48	3.59	3.72	3.81	3.85	4.03	4.26	4.40
Insecticide									
Aerial	4.11	4.16	4.19	4.42	4.49	4.83	4.30	4.74	5.20
Ground Rig	3.41	3.54	3.66	3.77	3.90	3.92	4.02	4.33	4.51

FEED PREPARATION

Rates for custom feed preparations are those generally charged by grain elevators and feed mills. Rates charged in 2006 were very close to those reported in 2005. Reports averaged 38 cents per hundredweight (cwt.) for grinding grain, 37 cents per cwt. for rolling grain, 55 cents per cwt. for grinding hay, 28 cents per cwt. for mixing, 58 cents per cwt. for rolling and mixing, and 61 cents per cwt. for grinding and mixing.

Custom Rates for Feed Preparation, 2006, 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	-			<u>1/</u>			3	20-65	50
WC	-			5	30-80	49	5	50-80	70
SW	<u>1/</u>			<u>1/</u>			<u>1/</u>		
NC	<u>1/</u>			8	25-58	35	5	25-87	65
C	6	30-60	43	10	20-65	37	<u>1/</u>		
SC	8	15-50	32	14	25-45	35	5	30-53	45
NE	3	25-50	35	3	30-50	42	<u>1/</u>		
EC	4	15-50	38	6	30-50	43	<u>1/</u>		
SE	12	30-45	40	14	25-45	33	<u>1/</u>		
STATE	37	15-60	38	63	20-80	37	25	20-87	55

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>		
WC	4	10-45	29	3	50-100	73	-		
SW	<u>1/</u>			<u>1/</u>			<u>1/</u>		
NC	6	10-42	22	10	25-70	47	4	25-42	33
C	10	15-65	31	9	25-70	51	4	50-90	68
SC	13	15-35	27	8	55-135	74	3	55-135	83
NE	3	20-40	33	<u>1/</u>			<u>1/</u>		
EC	7	20-80	37	5	50-100	71	<u>1/</u>		
SE	13	10-30	24	9	30-75	54	4	50-75	64
STATE	59	10-80	28	48	25-135	58	22	25-135	61

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

FEED PREPARATION (Continued)

Charges for pelleting feed operations averaged 86 cents per cwt., 3 cents less than in 2005. The charge for grinding, mixing, and pelleting operations combined averaged 102 cents per cwt., 18 cents lower than in 2005. Sacking operations, excluding the cost of sacks, averaged 113 cents per cwt., 2 cents less than the prior year's average.

Custom Rates for Feed Preparation, 2006

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	-			-			-		
WC	-			-			3	80-300	160
SW	<u>1/</u>			<u>1/</u>			<u>1/</u>		
NC	-			-			6	100-200	129
C	<u>1/</u>			-			5	65-300	144
SC	<u>1/</u>			<u>1/</u>			11	30-300	100
NE	-			-			6	50-200	119
EC	-			-			7	100-200	146
SE	4	50-110	85	<u>1/</u>			15	25-150	80
STATE	7	50-125	86	3	30-150	102	55	25-300	113

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

Custom Rates for Feed Preparation, State Historical Averages

Type of Preparation	1998	1999	2000	2001	2002	2003	2004	2005	2006
Cents per Cwt.									
Grinding Grain	33	31	35	34	36	35	36	39	38
Rolling Grain	30	29	30	31	33	33	34	36	37
Grinding Hay	56	-	-	66	74	62	25	32	55
Mixing	22	22	23	23	26	26	26	28	28
Rolling and Mixing	44	45	42	49	51	52	56	58	58
Grinding and Mixing	49	46	51	53	53	57	57	62	61
Pelleting	77	73	82	70	76	84	79	89	86
Grinding, Mixing, and Pelleting	99	122	126	118	119	114	116	120	102
Sacking (excluding sacks)	76	88	93	91	95	116	112	115	113

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 due to an insufficient number of reports. Many operators also charged extra for miles beyond a specified limit. For all methods, the average extra charge was \$1.42 per mile after 18 miles.

Custom Rates for Feed Delivery, 2006, 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	Max Miles	Extra Dollars per Mile
NW	-				<u>1/</u>			<u>1/</u>			<u>1/</u>			-		
WC	3	23.33	1.50	7.3	<u>1/</u>			-			<u>1/</u>			<u>1/</u>		
SW	<u>1/</u>				<u>1/</u>			-			3	30.00	7.3	<u>1/</u>		
NC	4	28.28	1.54	8.3	5	2.24	11.4	<u>1/</u>			5	27.00	7.4	5	15	1.29
C	7	22.53	1.04	9.6	<u>1/</u>			-			5	25.00	8.6	<u>1/</u>		
SC	8	17.75	1.68	9.5	<u>1/</u>			<u>1/</u>			6	34.17	6.5	<u>1/</u>		
NE	-				3	3.05	16.3	<u>1/</u>			8	32.66	8.0	4	30	1.38
EC	3	18.73	1.33	6.7	-			<u>1/</u>			7	33.29	7.4	<u>1/</u>		
SE	5	24.00	1.71	7.6	9	2.11	11.2	3	7.22	4.7	5	28.60	5.6	<u>1/</u>		
STATE	31	22.23	1.48	8.5	25	2.41	11.2	9	6.85	10.9	43	29.59	7.3	19	18	1.42

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 number of reports for some rental items.

Machine Rental Rates, 2006

Machine or Tool	Method of Charge	Number of Reports	Range	Average
Combine	\$/Hour	25	55.00-150.00	113.74
Corn Head	\$/Acre	4	5.00-10.00	7.13
No-Till Drill	\$/Acre	7	4.00-8.00	6.14
Drill Seeder	\$/Acre	4	4.00-12.00	8.63
Field Cultivator	\$/Acre	3	2.00-7.00	5.33
Fertilizer Applicators				
Dry	\$/Ton	17	6.00-10.00	8.53
Dry	\$/Acre	14	0.50-15.00	2.98
Anhydrous	\$/Ton	3	7.00-11.00	9.67
Anhydrous	\$/Acre	10	1.00-4.50	2.39
Dual	\$/Acre	3	2.25-3.50	2.83
Liquid	\$/Acre	<u>1/</u>		
Hay Equipment				
Baler, Large Bales	\$/Bale	6	3.00-8.00	4.77
Tub Grinder	\$/Hour	3	40.00-90.00	63.33
Rake	\$/Acre	4	1.00-2.00	1.75
Tractor				
51-100 HP	\$/Hour	<u>1/</u>		
101-150 HP	\$/Hour	7	15.00-65.00	27.14
151-200 HP	\$/Hour	4	15.00-40.00	24.75
201+ HP	\$/Hour	12	8.00-85.00	36.60
Size Not Specified	\$/Hour	7	17.00-40.00	26.14
Skid Loader	\$/Hour	3	25.00-60.00	46.67

1/ Insufficient number of reports.

TERRACING AND DOZING

Building terraces averaged 64 cents per foot, an increase of 11 cents per foot from 2005. The average cost for general dozer work was \$99.79 per hour, compared with \$91.74 from the previous year.

Custom Rates for Terracing and Dozing, 2006, by District

District	Number of Reports	Cents per Foot		Number of Reports	Dollars per Hour	
		Range	Average		Range	Average
		Terracing			Dozing	
NW	1/			4	50.00-85.00	63.75
WC	-			-		
SW	-			-		
NC	1/			3	80.00-125.00	100.00
C	1/			3	90.00-110.00	100.00
SC	1/			11	65.00-140.00	103.60
NE	1/			14	55.00-125.00	97.14
EC	1/			5	85.00-170.00	123.00
SE	1/			7	65.00-125.00	102.90
STATE	10	45-90	64	47	50.00-170.00	99.79

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

MANURE REMOVAL AND SPREADING

Custom rates for manure removal alone averaged \$1.93 per ton for 2006. Manure removal and spreading averaged \$4.49 per ton, and additional mileage charges averaged \$1.22 per mile hauled.

Custom Rates for Manure Removal by Region, 2006

Region	Manure Removal			Removal and Spreading			Additional Charges per Mile		
	Number of Reports	Dollars per Ton		Number of Reports	Dollars per Ton		Number of Reports	Dollars per Mile	
		Range	Avg.		Range	Avg.		Range	Avg.
WEST	4	1.75-5.00	2.65	15	1.25-23.00	3.95	5	0.15-5.00	1.70
CENTRAL	4	0.80-1.50	1.20	7	1.25-22.00	5.64	4	0.12-2.00	0.63
EAST	-			-			-		
STATE	8	0.80-5.00	1.93	22	1.25-23.00	4.49	9	0.12-5.00	1.22

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

FENCE BUILDING

Rates for fence building listed below were reported on the Bluestem Pasture Survey completed in April of 2006. Producers in the 14 Flint Hills counties were surveyed and asked to provide current fence building costs. The reported rates varied considerably due to the difference in materials, equipment, and terrain. The rate charged for building a five-wire, all-steel post fence, excluding materials, averaged \$8.39 per rod. The rate including materials averaged \$19.67 per rod. Average hourly rates charged for fence building are \$33.73 per hour with equipment and \$17.75 per hour without equipment.

Custom Rates for Fence Building, per Rod 1/, 2006

Fence Type	Steel Posts Only			Steel & Wood Posts Only		
	Number of reports	Dollars per Rod		Number of Reports	Dollars per Rod	
		Range	Average		Range	Average
	Excluding Materials			Excluding Materials		
Four Wire	<u>2/</u>			<u>2/</u>		
Five Wire	41	5.00-22.00	8.39	10	5.00-22.77	8.48
	Including Materials			Including Materials		
Four Wire	<u>2/</u>			<u>2/</u>		
Five Wire	41	6.50-48.00	19.67	11	10.73-49.50	19.41

1/ Additional charges for rough and rocky terrain ranged from \$1.00 to \$5.00 per rod and averaged \$2.28 per rod. 2/ Insufficient number of reports.

Custom Fence Builders	Number of Reports	Dollars per Hour		Average Number of Persons
		Range	Average	
With Equipment	30	12.00-57.50	33.73	2.0
Without Equipment	12	7.00-30.00	17.75	1.7