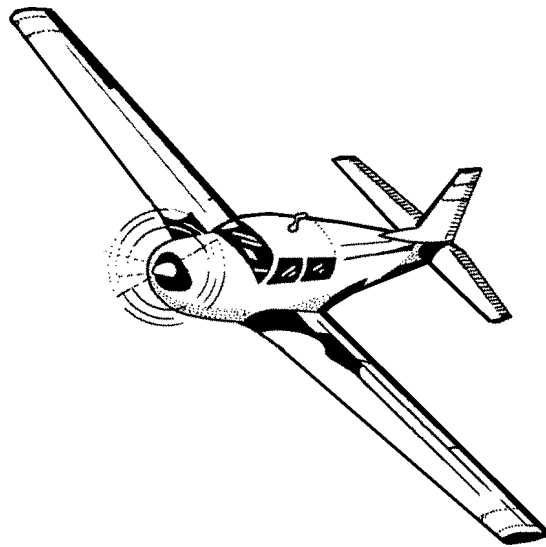


2001 KANSAS CUSTOM RATES



KANSAS
AGRICULTURAL
STATISTICS
SERVICE

Kansas Department of Agriculture
U.S. Department of Agriculture

Fact Finders for Agriculture

2001

RATES PAID BY KANSAS FARMERS FOR CUSTOM WORK

KANSAS AGRICULTURAL STATISTICS SERVICE

In Cooperation With

U.S. Department of Agriculture
National Agricultural Statistics Service

Kansas Department of Agriculture
Division of Statistics

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December 2001

The ranges and averages in this bulletin reflect the rates paid by Kansas farmers during 2001 for various custom operations.

Special thanks are due the almost 1,450 custom operators, farmers, and ranchers who took the time to report the data in this publication. Our appreciation also goes to the Cooperative Extension Service's county agricultural agents who reviewed the survey questionnaire.

Eldon J. Thiessen
State Statistician

KANSAS AGRICULTURAL STATISTICS DISTRICTS

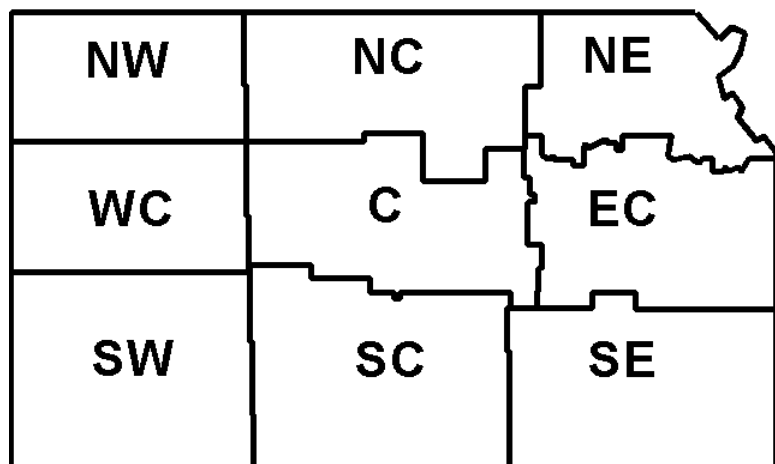


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INTRODUCTION

This publication reports average rates paid by Kansas farmers for custom work in 2001. The figures come from an annual survey of Kansas farmers, custom operators, coops and elevators. Questionnaires were mailed to about 2,100 operations. Almost 1,450 responded by mail or telephone.

The Custom Rates book is intended to be a guide to help custom operators and farmers reach mutual agreements. 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 are charges for machines, power, fuel, and operator. Costs of chemicals, seeds, and most other materials are excluded. 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 2001 are generally similar to those reported in 2000. At the State level, most average prices changed by less than 10 percent, up or down. Of the more than 130 custom work items or machinery rentals in this report, 72 increased in price, 9 were unchanged, and 31 decreased in price. The report contains historical tables and graphs which show the results of previous surveys. Data are missing for 1986 because the funding for this project was temporarily halted.

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: Rates for custom combining wheat averaged \$13.77 per acre with, in most cases, an additional average charge of 13.1 cents per bushel for yields greater than 20 bushels per acre. The per acre rate is up 9 cents from last year. Some respondents reported a flat rate per bushel harvesting charge, but there were too few reports to publish the data.

CUSTOM RATES FOR COMBINE HARVESTING OF WHEAT, 2001

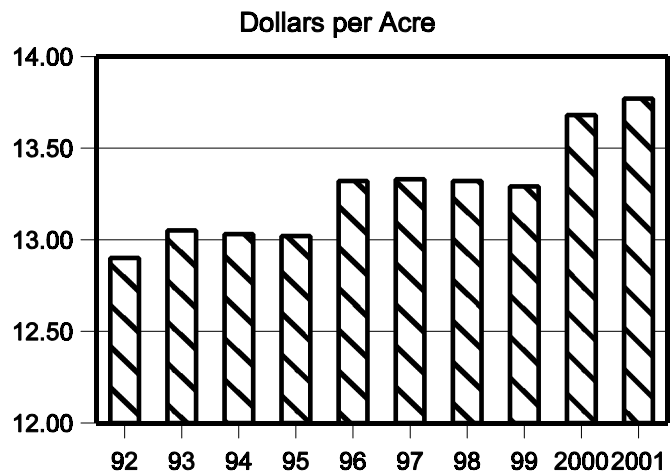
District	No. of Reports ^{1/}	Dollars per Acre		No. of Reports ^{1/}	Extra Charge for High Yield	
		Range	Avg.		¢ per Bu.	Above Bushels
NW	99	12.00-18.00	13.32	92	13.2	20
WC	67	12.00-15.00	13.25	65	13.2	20
SW	77	10.00-15.00	13.02	76	12.9	19
NC	78	11.00-16.50	13.37	72	13.1	20
C	95	10.00-20.00	13.31	84	13.0	20
SC	129	12.00-20.00	13.29	121	13.2	21
NE	42	12.00-25.00	15.42	23	12.9	21
EC	39	12.00-25.00	17.06	11	13.0	21
SE	52	11.00-20.00	15.26	18	13.1	21
STATE	678	10.00-25.00	13.77	562	13.1	20

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

HISTORICAL CUSTOM RATES FOR WHEAT HARVESTING

Year	Dollars Per Acre	Extra Charge for High Yield	
		¢ per Bushel	Above Bushels
1985	13.18	12.3	21
1987	12.43	11.6	21
1988	12.66	11.6	21
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

WHEAT HARVESTING



GRAIN HARVESTING

GRAIN SORGHUM: Rates charged for custom harvesting of grain sorghum averaged \$14.58 per acre, a decrease of 6 cents from last year. Additional charges averaged 12.9 cents per bushel for yields over 35 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 COMBINE HARVESTING OF GRAIN SORGHUM, 2001

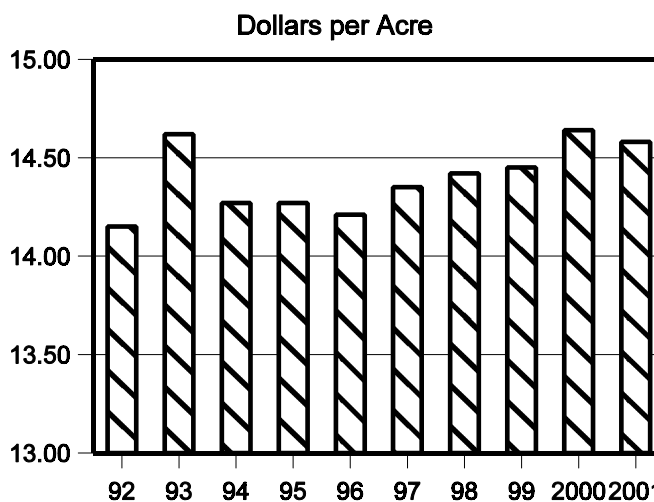
District	No. of Reports <u>1/</u>	Dollars per Acre		No. of Reports <u>1/</u>	Extra Charge for High Yield	
		Range	Avg.		¢ per Bu.	Above Bushels
NW	50	12.00-22.00	13.99	42	13.1	33
WC	46	10.00-19.00	13.34	41	12.8	33
SW	47	11.00-22.00	13.47	41	12.9	33
NC	50	11.00-22.00	13.98	37	13.0	38
C	54	10.00-22.00	13.82	44	12.7	35
SC	67	10.00-25.00	14.07	48	12.9	34
NE	36	12.00-25.00	17.24	10	13.0	41
EC	30	13.00-25.00	17.62	7	12.6	37
SE	37	12.00-22.00	16.11	10	12.6	38
STATE	417	10.00-25.00	14.58	280	12.9	35

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

HISTORICAL CUSTOM RATES FOR GRAIN SORGHUM HARVESTING

Year	Dollars Per Acre	Extra Charge for High Yield	
		¢ per Bushel	Above Bushels
1984	14.15	12.4	31
1985	13.99	12.1	33
1987	13.22	11.2	33
1988	13.61	11.9	32
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

GRAIN SORGHUM HARVESTING



GRAIN HARVESTING

CORN: The charge to have corn custom harvested in 2001 was \$19.43 per acre with some operators adding an average extra charge of 11.9 cents per bushel for yields above 48 bushels per acre. This is an increase of 20 cents per acre from the previous year.

CUSTOM RATES FOR COMBINE HARVESTING OF CORN, BY DISTRICTS, 2001

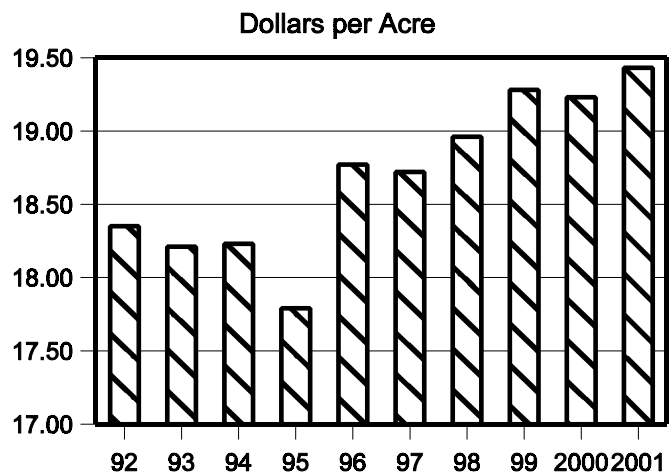
Dist.	No. of Rpts. ^{1/}	Cents per Bushel		No. of Rpts. ^{1/}	Dollars per Acre		No. of Rpts. ^{1/}	Extra Charge for High Yields	
		Range	Avg.		Range	Avg.		¢ per Bushel	Above Bushels
NW	42	15-28	23	21	12.00-26.00	18.67	9	12.1	36
WC	21	15-28	24	11	12.00-25.00	17.77	7	12.0	33
SW	33	13-28	23	7	12.00-22.00	16.36	5	12.4	50
NC	15	13-28	23	21	12.00-25.00	19.48	5	14.0	48
C	24	15-28	22	17	12.00-25.00	20.18	6	10.5	40
SC	38	14-28	22	18	16.00-25.00	20.67	3	12.7	40
NE	8	15-28	23	51	10.00-26.00	20.24	8	12.0	78
EC	3	24-28	26	31	11.00-25.00	19.68	5	9.6	45
SE	3	15-25	21	30	12.00-25.00	18.43	4	11.8	56
STATE	187	13-28	23	207	10.00-26.00	19.43	52	11.9	48

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

HISTORICAL CUSTOM RATES FOR CORN HARVESTING

Year	Dollars per Acre	Extra Charge for High Yield		Flat Rate Charge
		¢ per Bushel	Above Bushels	¢ per Bushel
1984	18.79	10.7	44	23
1985	16.67	10.9	55	21
1987	17.71	10.5	58	20
1988	17.78	12.2	64	22
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

CORN HARVESTING



GRAIN HARVESTING

SOYBEANS: The charge to harvest soybeans increased by 33 cents per acre to \$19.48. Some operators added an extra charge averaging 12.7 cents per bushel for yields above 24 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 COMBINE HARVESTING OF SOYBEANS, 2001

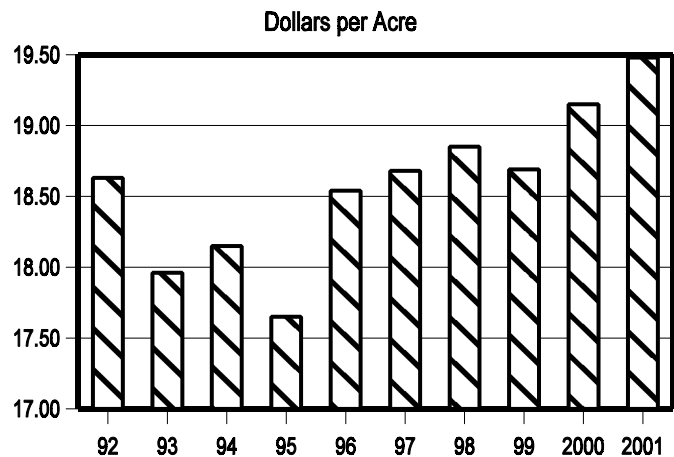
District	No. of Rpts. ^{1/}	Dollars per Acre		No. of Rpts. ^{1/}	Extra Charge for High Yield	
		Range	Avg.		¢ per Bu.	Above Bushels
NW	37	12.00-25.00	19.72	12	12.1	21
WC	17	12.00-25.00	19.12	6	12.3	25
SW	26	14.00-27.00	21.27	5	12.4	27
NC	47	12.00-25.00	20.05	11	12.5	22
C	52	12.00-26.00	18.90	15	12.3	25
SC	64	12.00-28.00	19.20	19	13.3	24
NE	73	16.00-26.00	20.45	3	13.0	24
EC	44	13.00-25.00	19.17	3	12.7	23
SE	49	14.00-25.00	17.73	6	13.8	23
STATE	409	12.00-28.00	19.48	80	12.7	24

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

HISTORICAL CUSTOM RATES FOR SOYBEAN HARVESTING

Year	Dollars Per Acre	Extra Charge for High Yield	
		¢ per Bushel	Above Bushels
1984	18.05	13.7	24
1985	18.05	12.2	23
1987	17.46	12.4	24
1988	17.31	12.1	24
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

SOYBEAN HARVESTING



GRAIN HARVESTING

SUNFLOWERS: Custom harvesting of sunflowers averaged \$17.93 per acre in 2001. This compares to the average of \$16.33 per acre in 2000.

CUSTOM RATES FOR COMBINE HARVESTING OF SUNFLOWERS, 2001

Dist.	Number of Rpts. <u>1/</u>	Dollars per Acre	
		Range	Avg.
NW	22	13.00-22.00	16.59
WC	10	13.00-25.00	18.00
SW	9	15.00-25.00	18.22
NC	15	12.00-22.00	17.27
C	11	15.00-25.00	18.27
SC	21	14.00-28.00	19.79
NE	<u>2/</u>		
EC	<u>2/</u>		
SE	<u>2/</u>		
ST	94	12.00-28.00	17.93

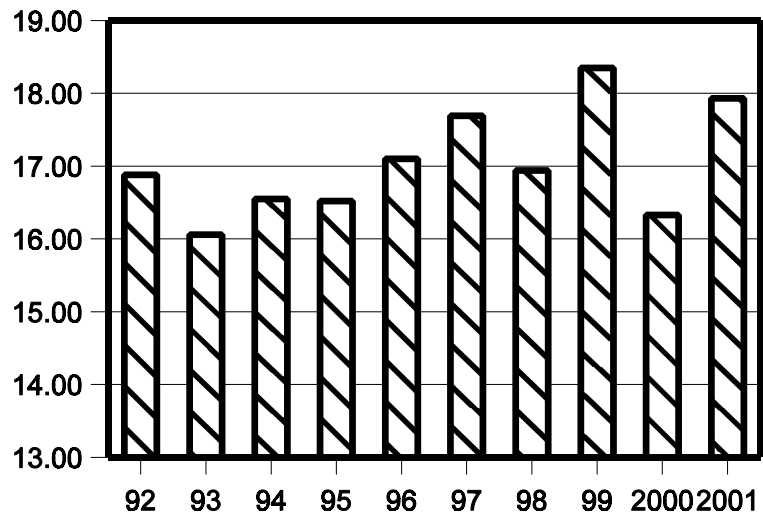
HISTORICAL CUSTOM RATES FOR SUNFLOWER HARVESTING

Year	Dollars per Acre	Extra Charges for High Yield	
		¢ per Bushel	Above Bushels
1991	\$15.50	11.4	38
1992	\$16.88	<u>2/</u>	<u>2/</u>
1993	\$16.06	12.0	27
1994	\$16.55	11.3	37
1995	\$16.52	<u>2/</u>	<u>2/</u>
1996	\$17.10	11.0	30
1997	\$17.69	11.6	18
1998	\$16.94	11.9	37
1999	\$18.35	12.0	34
2000	\$16.33	12.7	30
2001	\$17.93	13.8	26

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

SUNFLOWER HARVESTING

Dollars per Acre



SEED CLEANING

Wheat seed cleaning with treatment averaged \$1.03 per bushel. Rates for cleaning wheat without treatment averaged 46 cents per bushel. The average cost for cleaning soybeans with treatment was \$1.26 per bushel, while the cost excluding treatment averaged 50 cents. Cleaning alfalfa seed without treatment cost 13 cents per pound and the average reported charge for cleaning red clover seed without treatment was 12 cents per pound. There were not enough reports for cleaning red clover or alfalfa seed with treatment to be published.

CUSTOM RATES FOR SEED CLEANING, 2001

Dist.	WHEAT						SOYBEANS					
	With Treatment			Without Treatment			With Treatment			Without Treatment		
	Number of Rpts.	Cents per Bushel		Number of Rpts.	Cents per Bushel		Number of Rpts.	Cents per Bushel		Number of Rpts.	Cents per Bushel	
		Range	Avg.		Range	Avg.		Range	Avg.		Range	Avg.
NW	<u>1/</u>			21	30-65	46	-			-		
WC	4	90-100	98	20	25-50	37	-			-		
SW	<u>1/</u>			31	30-100	46	-			-		
NC	11	40-150	105	36	27-100	52	-			<u>1/</u>		
C	13	35-135	100	57	25-90	48	-			5	40-60	47
SC	17	30-175	94	57	25-100	44	<u>1/</u>			<u>1/</u>		
NE	4	120-205	154	11	35-100	54	3	120-205	155	7	40-100	60
EC	4	45-140	109	9	35-60	50	<u>1/</u>			<u>1/</u>		
SE	6	35-135	97	30	30-100	45	<u>1/</u>			15	30-60	45
ST	61	30-205	103	272	25-100	46	7	40-205	126	30	30-100	50

1/ Insufficient reports; included in State totals.

HISTORICAL CUSTOM RATES FOR SEED CLEANING

Crop	1996	1997	1998	1999	2000	2001
Wheat (Cents/Bushel)						
With Treatment	80	96	87	91	94	103
Without Treatment	42	41	43	44	46	46
Soybeans (Cents/Bushel)						
With Treatment	87	91	68	109	81	126
Without Treatment	43	46	44	46	46	50
Alfalfa (Cents/Pound)						
With Treatment	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	-	<u>1/</u>
Without Treatment	14	18	22	18	<u>1/</u>	13
Red Clover (Cents/Pound)						
With Treatment	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	-	<u>1/</u>
Without Treatment	12	17	20	13	<u>1/</u>	12

1/ Insufficient data to publish; included in State totals.

GRAIN HAULING

Custom rates for hauling wheat, grain sorghum, corn, soybeans, and sunflowers from the field to farm or to the nearest elevator changed very little from 2000. The overall average charge for these five crops was 12.2 cents per bushel with an extra charge of 1.1 cents per bushel per mile over 13 miles. This compares with 2000 averages of 12.1 cents per bushel plus the 1.0 cent a bushel per mile over 13 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, 2001

District	No. of Reports	Cents per Bu.	Miles Limit	Cents/bu. /Mile Over Basic Mileage	No. of Reports	Cents per Bu.	Miles Limit	Cents/bu. /Mile Over Basic Mileage
WHEAT								
NW	56	13.0	13	0.9	24	12.6	11	1.1
WC	48	12.9	13	1.2	26	12.7	13	1.1
SW	42	12.6	13	0.8	22	12.7	13	0.8
NC	61	12.8	13	1.2	34	12.7	13	1.3
C	60	12.7	12	1.1	34	12.5	13	1.0
SC	97	12.6	13	1.0	36	12.2	12	0.9
NE	32	13.6	15	1.6	25	13.1	17	1.5
EC	24	11.2	13	1.2	13	10.3	11	1.0
SE	30	11.5	10	0.9	20	11.5	8	1.0
STATE	450	12.6	13	1.1	234	12.4	12	1.1
CORN								
NW	20	11.3	12	0.9	15	11.9	12	1.2
WC	12	11.3	15	1.3	1/			
SW	7	11.1	13	1.0	1/			
NC	15	12.3	11	0.8	22	11.9	13	1.3
C	15	10.1	13	1.4	24	11.5	13	1.0
SC	20	9.9	11	0.9	38	11.7	12	1.0
NE	34	12.4	16	1.3	46	12.6	16	1.3
EC	18	11.1	12	1.0	24	11.0	13	1.1
SE	18	11.0	10	1.0	26	11.3	9	0.9
STATE	159	11.3	13	1.1	200	11.8	13	1.1
SOYBEANS								
Region	No. of Reports	Cents per Cwt.	Miles Limit	Cents/Cwt. /Mile Over Basic Mileage				
Sunflowers								
West	13	20.4	13	0.9				
Central	12	14.3	10	0.8				
Eastern	1/							
State	28	17.2	12	0.8				

1/ Insufficient 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 \$5.50 per ton, up from \$5.04 in 2000. Operations which included only chopping and hauling averaged \$4.87 per ton, up 18 cents from 2000, chopping only averaged \$3.09, compared to \$3.19 in 2000, and hauling only averaged \$2.16, unchanged from last year.

CUSTOM RATES FOR MAKING SILAGE, PER TON, 2001

District	Chopping, Hauling, & Filling Silo			Chopping & Hauling		
	No. of Rpts.	Dollars per Ton		No. of Rpts.	Dollars per Ton	
		Range	Average		Range	Average
NW	1/			14	4.50-7.50	4.84
WC	6	4.00-7.00	5.53	8	4.50-5.00	4.68
SW	3	5.50-5.75	5.65	6	4.00-5.25	4.67
NC	5	4.50-5.25	4.85	22	4.25-7.50	4.97
C	3	4.60-6.00	5.45	15	4.50-7.00	4.99
SC	8	5.00-8.00	6.01	19	4.00-7.00	4.84
NE	3	4.50-6.00	5.17	6	4.00-6.00	4.75
EC	3	4.85-6.50	5.62	7	4.00-6.00	5.01
SE	1/			1/		
STATE	33	4.00-8.00	5.50	99	4.00-7.50	4.87

1/ Insufficient reports; included in State totals.

SILAGE CHOPPING, HAULING, 2001

District	Chopping Only			Hauling Only		
	No. of Rpts.	Dollars per Ton		No. of Rpts.	Dollars per Ton	
		Range	Average		Range	Average
NW	3	2.25-4.50	3.58	4	1.50-2.25	2.06
WC	5	2.25-2.75	2.40	6	2.00-2.37	2.23
SW	4	2.25-4.25	2.84	4	2.00-2.50	2.28
NC	7	2.25-5.00	3.39	6	2.00-2.50	2.33
C	3	3.25-5.00	4.08	1/		
SC	9	2.25-3.75	2.76	8	1.00-2.50	2.01
NE	5	2.50-3.75	2.97	3	1.50-2.25	2.00
EC	1/			-		
SE	-			-		
STATE	37	2.25-5.00	3.09	32	1.00-2.50	2.16

1/ Insufficient reports; included in State totals.

HAYING

Mowing or swathing hay cost an average of \$8.20 per acre, 40 cents more than in 2000. Mowing or swathing forage cost \$9.29 per acre on average. Mowing or swathing with conditioning was \$8.50 per acre, 23 cents higher than the 2000 average. The average charge for sideraking hay in 2001 was \$2.88 per acre, down 3 cents from the 2000 figure.

CUSTOM RATES FOR MOWING OR SWATHING, 2001

District	Hay			Forage		
	No. of Rpts.	Dollars per Acre		No. of Rpts.	Dollars per Acre	
		Range	Average		Range	Average
NW	17	6.00-10.00	8.65	12	8.00-12.00	10.42
WC	3	7.50-10.00	8.83	4	8.50-10.00	9.63
SW	13	8.00-12.00	9.12	7	8.00-10.00	9.00
NC	9	6.00-8.50	7.67	6	6.00-12.00	9.17
C	16	6.00-10.00	7.75	4	7.00-8.00	7.63
SC	28	6.00-10.00	8.03	23	7.00-12.00	9.34
NE	14	6.00-12.00	8.96	1/		
EC	10	5.50-10.00	7.88	-		
SE	18	5.00-10.00	7.55	4	7.00-10.00	8.25
STATE	128	5.00-12.00	8.20	62	6.00-12.00	9.29

1/ Insufficient reports; included in State totals.

CUSTOM RATES FOR SWATHING & CONDITIONING AND SIDERAKING, 2001

District	Swathing and Conditioning			Sideraking		
	No. of Rpts.	Dollars per Acre		No. of Rpts.	Dollars per Acre	
		Range	Average		Range	Average
NW	24	4.00-13.00	8.98	6	2.00-4.50	3.25
WC	23	7.50-12.00	9.91	1/		
SW	35	7.00-12.00	8.38	12	2.50-4.50	3.58
NC	33	6.00-12.00	8.14	8	2.00-3.00	2.69
C	49	5.00-11.00	8.01	17	1.50-4.00	2.78
SC	69	7.00-12.00	8.64	21	1.75-4.00	2.63
NE	20	4.00-12.00	8.33	7	1.50-5.00	2.71
EC	12	5.00-10.00	7.83	7	2.00-4.00	2.98
SE	27	6.00-10.50	8.48	16	1.00-5.00	2.81
STATE	292	4.00-13.00	8.50	95	1.00-5.00	2.88

1/ Insufficient reports; included in State totals.

HAYING

Custom baling of small square bales with wire cost an average of 58 cents per bale with twine averaged 49 cents per bale in 2001. Large round bales weighing under 1500 lbs. without net wrapping cost an average of \$7.19 per bale, while bales weighing the same but being net wrapped cost an average of \$7.73 per bale. Large round bales weighing over 1500 lbs. without net wrapping cost an average of \$7.64 per bale. Bales of the same size but being net wrapped cost an average of \$8.65 per bale. The charge for large square bales weighing about one ton averaged \$11.70, down 30 cents from 2000.

CUSTOM RATES FOR BALING HAY, 2001

Type of Bale	No. of Rpts.	Dollars per Bale	
		Range	Average
Small: Square w/Wire	60	.35-1.00	.58
Square w/Twine	39	.30-0.75	.49
Large: Round (under 1,500 lbs.) wo/net	194	4.00-10.00	7.19
Round (under 1,500 lbs.) w/net	80	5.00-12.00	7.73
Round (over 1,500 lbs.) wo/net	179	5.00-14.75	7.64
Round (over 1,500 lbs.) w/net	118	6.50-15.00	8.65
Square (approx. 1 ton)	47	6.00-16.00	11.70

CUSTOM RATES FOR BALING, SQUARE BALES, 2001

District	Small Square With Wire			Small Square With Twine			Large Square		
	No. of Rpts.	Cents per Bale		No. of Rpts.	Cents per Bale		No. of Rpts.	Dollars per Bale	
		Range	Average		Range	Average		Range	Average
NW	1/			5	35-75	51	1/		
WC	-			3	50-60	53	4	12.00-14.00	12.80
SW	1/			10	40-60	50	10	10.00-16.00	13.50
NC	6	50-95	71	4	30-50	41	3	8.00-14.00	10.00
C	4	48-60	55	4	45-60	51	12	8.00-15.00	11.30
SC	14	45-65	53	5	30-50	43	9	8.00-16.00	12.70
NE	4	35-100	56	1/			1/		
EC	7	40-85	52	5	35-75	52	4	7.00-12.50	9.88
SE	22	36-100	55	1/			3	8.00-10.00	8.67
STATE	60	35-100	58	39	30-75	49	47	6.00-16.00	11.70

1/ Insufficient reports; included in State totals.

CUSTOM RATES FOR BALING, LARGE ROUND BALES, 2001

Dist.	Without Net						With Net					
	Under 1,500 lbs.			Over 1,500 lbs.			Under 1,500 lbs.			Over 1,500 lbs.		
	No. of Rpts.	Dol. per Bale		No. of Rpts.	Dol. per Bale		No. of Rpts.	Dol. per Bale		No. of Rpts.	Dol. per Bale	
Range		Avg.	Range		Avg.	Range		Avg.	Range		Avg.	
NW	21	5.00-8.50	6.86	17	5.00-10.00	6.91	7	6.00-9.00	7.43	7	7.00-9.00	8.07
WC	12	4.00-8.00	6.40	11	6.00-10.00	7.32	6	5.00-9.50	6.75	1/		
SW	11	7.00-10.00	8.34	13	7.00-12.00	9.31	8	8.00-12.00	8.81	17	7.50-15.00	9.18
NC	24	5.00-8.50	6.70	19	5.50-8.00	7.28	8	6.00-9.00	7.31	14	6.50-9.00	7.89
C	27	6.00-9.00	7.11	32	5.00-9.00	7.10	9	6.00-8.85	7.51	18	7.00-10.00	8.08
SC	32	6.00-9.50	7.35	42	6.00-12.00	7.58	18	6.00-10.00	7.92	31	6.50-13.00	8.35
NE	13	6.00-9.00	7.13	22	6.50-14.75	7.53	9	5.50-8.50	6.89	17	6.50-12.00	8.38
EC	15	6.00-9.50	7.43	9	6.00-12.50	8.39	5	7.50-10.00	8.80	4	9.00-13.00	11.80
SE	39	5.00-10.00	7.40	14	7.50-13.00	8.90	10	7.00-9.50	8.10	8	7.50-15.00	11.00
STATE	194	4.00-10.00	7.19	179	5.00-14.75	7.64	80	5.00-12.00	7.73	118	6.50-15.00	8.65

1/ Insufficient reports; included in State totals.

HAYING

Custom rates for hauling small bales from field to farm storage averaged 42 cents per bale in 2001, up 3 cents from 2000. Rates for hauling large bales average \$2.95 per bale or \$5.89 per ton. The custom rate for stacking hay in stacks of 4-6 tons averaged \$52.00 and compares to \$50.00 in 2000.

CUSTOM RATES FOR HAULING SMALL BALES FROM FIELD TO STORAGE, 2001

District	No. of Rpts.	Cents per Bale	
		Range	Average
NW	-		
WC	-		
SW	4	20-40	30
NC	<u>1/</u>		
C	<u>1/</u>		
SC	6	40-50	45
NE	<u>1/</u>		
EC	7	30-50	42
SE	18	35-52	45
STATE	39	20-50	42

CUSTOM RATES FOR STACKING HAY, 2001

Stack Size (Tons)	No. of Rpts.	Dollars per Stack	
		Range	Average
4-6	5	45.00-55.00	52.00
Over 6	<u>1/</u>		

1/ Insufficient data to publish.

1/ Insufficient reports; included in State totals.

CUSTOM RATES FOR HAULING LARGE BALES FROM FIELD TO STORAGE, 2001

District	No. of Rpts.	Dollars per Bale		No. of Rpts.	Dollars per Ton	
		Range	Average		Range	Average
NW	5	2.00-8.00	3.90	-		
WC	7	2.00-4.00	2.86	-		
SW	15	2.00-5.00	2.92	<u>1/</u>		
NC	4	1.00-4.00	2.06	<u>1/</u>		
C	9	1.50-8.00	2.89	<u>1/</u>		
SC	19	1.00-5.00	2.59	<u>1/</u>		
NE	9	1.50-5.00	2.63	<u>1/</u>		
EC	6	1.15-5.00	3.11	<u>1/</u>		
SE	15	2.00-5.00	3.59	4	2.00-10.00	5.25
STATE	89	1.00-8.00	2.95	14	2.00-10.00	5.89

1/ Insufficient reports; included in State totals.

HAYING

Rates per bale for the entire haying operation, including cutting, baling, hauling, and stacking, at \$1.14 per small bale, were down 1 cent from 2000. Large bales, at \$14.15 per bale, were up 48 cents from 2000. Rates reported on a per ton basis averaged \$23.21, up from the 2000 figure of \$21.44.

CUSTOM RATES FOR ENTIRE HAYING OPERATION, PER BALE, 2001

District	Small Bales			Large Bales		
	No. of Rpts.	Cents per Bale		No. of Rpts.	Dollars per Bale	
		Range	Average		Range	Average
NW	-			1/		
WC	-			-		
SW	-			5	12.00-25.00	17.60
NC	-			1/		
C	-			-		
SC	1/			1/		
NE	1/			1/		
EC	4	80-140	110	8	11.00-15.00	12.88
SE	7	95-130	119	14	12.00-20.00	14.07
STATE	13	80-140	114	31	10.50-25.00	14.15

1/ Insufficient reports; included in State totals.

CUSTOM RATES FOR ENTIRE HAYING OPERATION, PER TON, 2001

Region	No. of Reports	Dollars per Ton		Region	No. of Reports	Dollars per Ton	
		Range	Average			Range	Average
WEST	9	14.00-30.00	23.22	EAST	5	14.00-26.00	20.80
CENTRAL	5	20.00-30.00	25.60	STATE	19	14.00-30.00	23.21

ROTARY MOWING AND TREE SHEARING

The average custom rate for rotary mowing was \$7.90 per acre or \$38.17 per hour in 2001. The average custom rate for skid loader tree shearing was \$46.92 per hour.

CUSTOM RATES FOR ROTARY MOWING, 2001

Dist.	No. of Rpts.	Dollars per Acre		No. of Rpts.	Dollars per Hour	
		Range	Avg.		Range	Avg.
NW	1/			-		
WC	-			1/		
SW	6	5.00-12.00	8.00	1/		
NC	-			-		
C	1/			1/		
SC	5	4.00-7.50	5.70	3	35.00-40.00	38.33
NE	5	5.10-9.00	7.22	1/		
EC	1/			4	35.00-55.00	45.00
SE	10	6.00-14.00	9.15	3	30.00-40.00	36.67
STATE	30	4.00-14.00	7.90	15	15.00-57.50	38.17

1/ Insufficient reports; included in State totals.

SKID LOADER TREE SHEARING, 2001

Dist.	No. of Rpts.	Dollars per Hour	
		Range	Avg.
NW	-		
WC	-		
SW	1/		
NC	4	40.00-60.00	47.50
C	1/		
SC	4	38.00-70.00	54.50
NE	4	35.00-80.00	50.00
EC	1/		
SE	9	30.00-50.00	41.11
STATE	25	30.00-80.00	46.92

1/ Insufficient 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 size of equipment. Average charges for regular disking were \$6.48 per acre, up 46 cents per acre from the 2000 rate. The average charge per acre for one-way disking was \$6.21, a 15 cent decrease from the 2000 figure of \$6.36. The average offset disking charge of \$6.54 was down 22 cents an acre from the 2000 rate.

CUSTOM RATES FOR DISKING, 2001

Dist.	Disking			One-Way Disk			Offset Disk		
	No. of Rpts.	Dollars per Acre		No. of Rpts.	Dollars per Acre		No. of Rpts.	Dollars per Acre	
		Range	Avg.		Range	Avg.		Range	Avg.
NW	10	4.50-6.50	5.20	<u>1/</u>			12	4.00-8.00	6.04
WC	4	4.50-9.50	6.00	3	4.50-5.50	4.83	<u>1/</u>		
SW	4	6.00-7.00	6.38	-			10	5.00-7.00	6.13
NC	3	5.00-6.00	5.67	-			3	7.00-8.50	7.83
C	13	4.75-8.00	6.06	-			7	5.50-9.00	6.43
SC	17	3.50-8.50	6.66	-			9	5.00-8.00	6.61
NE	10	5.50-10.00	7.60	<u>1/</u>			<u>1/</u>		
EC	10	5.50-8.00	6.60	-			3	6.50-7.50	7.08
SE	18	5.00-12.50	6.89	-			6	6.00-10.00	7.50
STATE	89	3.50-12.50	6.48	7	4.50-8.00	6.21	54	4.00-10.00	6.54

1/ Insufficient reports; included in State totals.

In 2001, charges for spiketooth harrowing averaged \$4.80, an increase of 24 cents per acre. The average for springtooth harrowing increased by 27 cents in 2001 to \$5.20 per acre.

CUSTOM RATES FOR HARROWING, 2001

District	Spiketooth Harrow			Springtooth Harrow		
	No. of Rpts.	Dollars per Acre		No. of Rpts.	Dollars per Acre	
		Range	Average		Range	Average
NW	6	4.00-6.50	4.92	3	4.50-6.00	5.17
WC	-			<u>1/</u>		
SW	3	5.00-5.50	5.17	<u>1/</u>		
NC	-			-		
C	3	3.00-5.50	4.17	3	4.50-6.00	5.50
SC	5	3.00-6.00	4.60	-		
NE	<u>1/</u>			-		
EC	-			-		
SE	<u>1/</u>			<u>1/</u>		
STATE	20	3.00-7.00	4.80	10	3.50-6.00	5.20

1/ Insufficient reports; included in State totals.

LAND TILLAGE

Rates for custom chiseling 4-12 inches deep averaged \$7.79 per acre, a 35 cent per acre increase from the 2000 rate. Deep chiseling, over 12 inches deep, averaged \$9.54 per acre, an increase of 41 cents from the 2000 average.

CUSTOM RATES FOR CHISELING, 2001

District	Chisel (4-12")			Deep Chisel (Over 12")		
	No. of Rpts.	Dollars per Acre		No. of Rpts.	Dollars per Acre	
		Range	Average		Range	Average
NW	5	5.00-10.00	6.50	6	5.00-12.00	8.58
WC	-			<u>1/</u>		
SW	8	4.50-8.00	6.44	6	8.00-12.00	9.92
NC	-			-		
C	4	6.00-9.50	7.50	<u>1/</u>		
SC	10	5.50-12.00	8.03	10	6.50-12.00	9.75
NE	7	7.50-12.00	9.57	3	10.00-14.00	12.00
EC	<u>1/</u>			<u>1/</u>		
SE	4	7.00-10.00	8.13	4	6.75-12.00	8.56
STATE	39	4.50-12.00	7.79	34	5.00-15.00	9.54

1/ Insufficient reports; included in State totals.

The average moldboard plowing rate decreased 2 cents per acre to \$8.98, while undercutting operations averaged \$5.38 an acre, compared to \$5.49 an acre in 2000.

CUSTOM RATES FOR PLOWING AND UNDERCUTTING, 2001

District	Moldboard Plow			Undercutter (Large "V" Blade)		
	No. of Rpts.	Dollars per Acre		No. of Rpts.	Dollars per Acre	
		Range	Average		Range	Average
NW	<u>1/</u>			24	3.50-8.00	5.20
WC	<u>1/</u>			23	4.00-7.00	4.67
SW	<u>1/</u>			25	4.00-8.00	5.38
NC	<u>1/</u>			4	5.00-8.00	6.28
C	<u>1/</u>			11	4.50-8.50	5.73
SC	7	8.00-10.00	9.14	7	5.50-8.50	7.07
NE	<u>1/</u>			-		
EC	-			-		
SE	4	7.00-12.00	9.25	<u>1/</u>		
STATE	23	4.50-14.00	8.98	95	3.50-8.50	5.38

1/ Insufficient reports; included in State totals.

LAND TILLAGE

The shank cultivator rate was \$5.92 and wheel springtooth cultivation averaged \$5.36 per acre. The table at the bottom shows historical average custom rate charges for land tillage in Kansas.

CUSTOM RATES FOR FIELD CULTIVATION, 2001

District	Shank Cultivator			Wheel Springtooth Cultivator		
	No. of Rpts.	Dollars per Acre		No. of Rpts.	Dollars per Acre	
		Range	Average		Range	Average
NW	7	4.50-5.00	4.86	<u>1/</u>		
WC	3	4.50-5.00	4.83	<u>1/</u>		
SW	6	4.25-8.00	6.08	3	4.00-5.00	4.33
NC	<u>1/</u>			<u>1/</u>		
C	14	4.00-10.00	5.61	3	6.00-9.50	7.83
SC	11	4.00-8.00	6.02	<u>1/</u>		
NE	11	4.00-9.00	7.05	-		
EC	9	3.50-7.00	5.69	3	3.50-7.00	5.50
SE	13	3.50-11.00	6.15	4	3.50-6.00	4.88
STATE	76	3.50-11.00	5.92	18	3.50-9.50	5.36

1/ Insufficient reports; included in State totals.

CUSTOM RATES FOR LAND TILLAGE, HISTORICAL AVERAGES

Type of Operation	1993	1994	1995	1996	1997	1998	1999	2000	2001
	Dollars per Acre								
Disking	5.36	5.26	5.60	5.46	5.53	5.79	5.70	6.02	6.48
One-Way Disk	5.63	5.07	5.58	5.42	5.05	5.60	5.65	6.36	6.21
Offset Disk	5.81	5.77	5.74	6.02	6.17	6.16	6.29	6.76	6.54
Spiketooth Harrow	4.34	4.04	4.21	4.17	4.65	4.73	4.59	4.56	4.80
Springtooth Harrow	4.53	4.36	4.13	4.34	4.79	4.61	4.50	4.93	5.20
Chisel 4-12"	6.36	6.34	6.76	7.21	6.70	6.96	7.00	7.44	7.79
Deep Chisel Over 12"	7.99	7.72	8.24	8.24	8.76	8.61	8.84	9.13	9.54
Moldboard Plow	8.50	8.78	8.99	8.23	8.95	9.10	9.15	9.00	8.98
Undercutter	4.83	4.93	4.91	4.98	4.86	5.02	5.21	5.49	5.38
Shank Cultivator	5.10	5.12	5.17	5.33	5.33	5.42	5.57	5.66	5.92
Wheel Springtooth Cultivator	4.69	4.69	4.55	4.70	4.74	5.08	5.36	5.20	5.36

PLANTING (Regular-Till)

Small grain seeding charges averaged \$6.49 per acre, an increase of 39 cents per acre. Grain sorghum charges increased by 74 cents per acre, to \$7.72 per acre, in 2001. The average price charged for planting corn was \$8.19 per acre, compared to \$7.77 per acre in 2000. Soybean seeding charges averaged \$8.17 per acre in 2001. This is a decrease of 6 cents per acre from last year. The grass seeding rate increased by 24 cents an acre, to \$8.92 per acre, in 2001. The price for seeding alfalfa-legumes averaged \$8.59 an acre, an increase of \$1.13 per acre.

CUSTOM RATES FOR REGULAR-TILL PLANTING, 2001

District	No. of Rpts.	Dollars per Acre		No. of Rpts.	Dollars per Acre	
		Range	Average		Range	Average
		SMALL GRAINS			GRAIN SORGHUM	
NW	21	4.00-8.00	5.83	11	5.00-8.50	7.05
WC	20	4.50-9.00	5.88	12	5.25-10.00	7.81
SW	27	4.00-9.00	6.20	13	5.00-9.50	7.46
NC	8	6.00-9.00	7.44	14	6.00-8.50	7.27
C	20	3.50-11.00	6.54	20	3.00-13.00	7.93
SC	23	4.50-12.50	7.03	24	5.40-13.00	8.54
NE	8	6.00-10.50	7.56	7	6.00-10.00	7.43
EC	7	5.00-12.00	7.79	6	4.00-12.00	8.17
SE	11	4.00-8.00	6.05	12	5.00-9.00	7.00
STATE	145	3.50-12.50	6.49	119	3.00-13.00	7.72
		CORN			SOYBEANS	
NW	15	5.00-9.00	7.10	4	5.00-8.50	6.88
WC	8	7.00-10.00	8.50	1/		
SW	7	5.00-10.00	8.07	1/		
NC	7	6.00-9.00	7.64	9	6.00-9.00	7.58
C	13	4.00-13.00	9.69	19	4.00-13.00	8.51
SC	20	6.00-12.00	8.93	18	6.00-13.00	8.81
NE	18	6.00-12.00	8.22	13	6.00-11.00	8.92
EC	10	4.00-12.00	7.60	10	4.00-12.00	8.05
SE	12	5.00-9.00	7.33	16	5.00-10.00	7.25
STATE	110	4.00-13.00	8.19	93	4.00-13.00	8.17
		GRASS SEEDING			ALFALFA-LEGUME SEEDING	
NW	3	7.00-9.00	8.00	1/		
WC	1/			3	4.00-10.00	7.33
SW	3	6.00-11.00	9.00	4	7.00-12.00	9.25
NC	1/			7	6.00-12.00	8.86
C	3	12.00-13.00	12.33	8	5.50-13.00	9.38
SC	1/			1/		
NE	1/			-		
EC	1/			1/		
SE	6	6.00-12.00	8.50	7	5.00-11.00	8.29
STATE	23	4.25-13.00	8.92	34	4.00-13.00	8.59

1/ Insufficient reports; included in State totals.

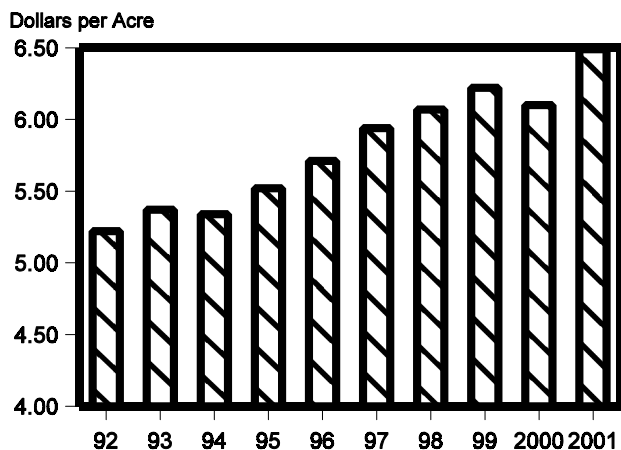
PLANTING

CUSTOM RATES FOR REGULAR-TILL PLANTING, KANSAS HISTORICAL AVERAGES

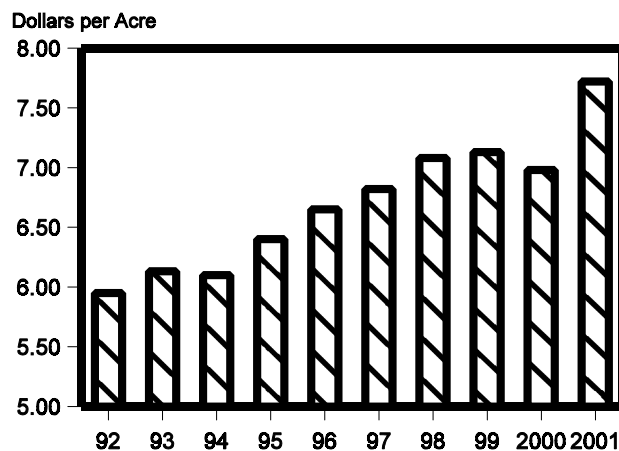
Crops	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Dollars per Acre										
Small Grains	5.22	5.37	5.34	5.52	5.71	5.94	6.07	6.22	6.10	6.49
Grain Sorghum	5.95	6.13	6.10	6.40	6.65	6.82	7.08	7.13	6.98	7.72
Corn	6.21	6.41	6.33	6.81	7.19	7.28	7.36	7.53	7.77	8.19
Soybeans	6.09	6.23	6.27	6.69	6.97	7.06	7.38	7.46	8.23	8.17
Grass	7.38	7.37	7.19	7.93	8.50	8.27	7.82	8.37	8.68	8.92
Alfalfa-Legume	6.96	6.42	6.41	7.24	7.29	7.42	7.41	7.76	7.46	8.59

REGULAR-TILL PLANTING

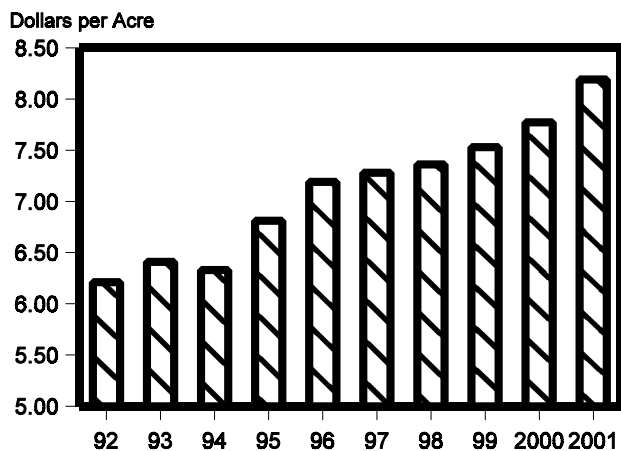
SMALL GRAINS



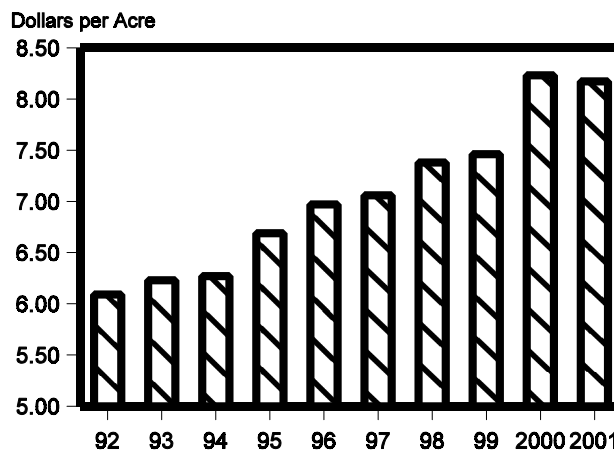
GRAIN SORGHUM



CORN



SOYBEANS



PLANTING (Minimum-Till)

Rates for minimum-till planting of small grains averaged \$9.89 per acre, up from \$9.77 in 2000. Minimum-till grain sorghum planting averaged \$9.56, up 40 cents from last year's rate. Corn planting averaged \$10.00 per acre, a 60 cent increase. Soybean planting averaged \$10.50, compared to last year's average of \$9.96 per acre.

CUSTOM RATES FOR MINIMUM-TILL OR NO-TILL PLANTING, 2001

District	No. of Rpts.	Dollars per Acre		No. of Rpts.	Dollars per Acre		
		Range	Average		Range	Average	
SMALL GRAINS				GRAIN SORGHUM			
NW	15	6.00-10.00	8.60	11	7.00-10.00	8.77	
WC	14	5.00-11.50	8.04	22	6.50-10.00	8.63	
SW	9	6.00-12.00	9.67	17	6.00-12.50	8.44	
NC	14	6.50-14.00	10.75	20	6.00-13.50	8.60	
C	29	5.00-14.00	10.97	31	5.00-16.00	10.75	
SC	14	5.50-14.00	9.46	22	6.25-14.00	10.17	
NE	9	8.00-15.00	10.83	5	10.00-12.00	10.80	
EC	11	7.50-13.00	10.55	6	10.00-13.00	10.83	
SE	15	5.00-12.00	9.53	12	6.00-12.00	9.90	
STATE	130	5.00-15.00	9.89	146	5.00-16.00	9.56	
CORN				SOYBEANS			
NW	16	6.00-12.00	8.84	5	6.00-10.00	8.50	
WC	14	7.00-10.00	8.93	5	8.00-12.00	9.20	
SW	11	7.50-12.50	9.43	3	6.00-14.50	10.17	
NC	10	7.00-13.50	9.63	11	6.50-13.50	9.68	
C	19	5.00-15.00	10.93	26	8.00-16.00	11.73	
SC	18	6.50-14.00	10.81	17	6.50-15.00	10.54	
NE	18	8.00-15.00	10.64	16	9.00-14.00	10.97	
EC	9	10.00-13.00	11.00	14	6.00-13.00	10.18	
SE	8	6.00-11.75	8.91	17	6.00-12.50	9.93	
STATE	123	5.00-15.00	10.00	114	6.00-16.00	10.50	

CUSTOM RATES FOR MINIMUM-TILL OR NO-TILL PLANTINGS, HISTORICAL AVERAGES

Crops	1993	1994	1995	1996	1997	1998	1999	2000	2001
Dollars per Acre									
Small Grains	7.28	7.41	8.31	9.26	8.88	8.91	9.76	9.77	9.89
Grain Sorghum	7.08	6.96	7.70	8.06	8.12	8.70	8.85	9.16	9.56
Corn	7.35	7.47	8.39	8.44	8.46	8.65	8.96	9.40	10.00
Soybeans	7.51	7.53	8.61	8.87	8.88	9.29	9.61	9.96	10.50

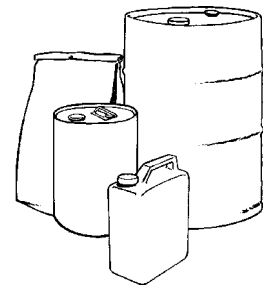
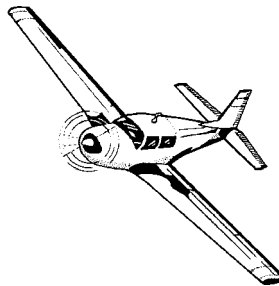
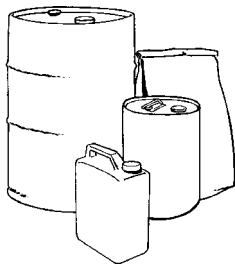
CHEMICAL APPLICATIONS

The custom rates for chemical applications presented here include the cost of machine, power, and operator, but the cost of the chemicals is excluded. Rates charged for crop cultivation with fertilizer application averaged \$6.77 per acre, while cultivation without fertilizer application averaged \$6.25. This compares with \$6.48 and \$5.75 per acre, respectively, in 2000.

CUSTOM RATES FOR ROW CROP CULTIVATION, 2001

Region	With Fertilizer			Without Fertilizer		
	No. of Rpts.	Dollars per Acre		No. of Rpts.	Dollars per Acre	
		Range	Average		Range	Average
WEST	8	5.50-10.50	7.16	14	4.00-9.00	6.12
CENTRAL	12	3.25-10.00	6.18	8	3.75-10.00	6.34
EAST	1/			3	6.00-7.50	6.60
STATE	22	3.25-10.50	6.77	25	3.75-10.00	6.25

1/ Insufficient reports; included in State totals.



Dry fertilizer applications averaged \$3.53 per acre, 13 cents more than in 2000. Liquid fertilizer was applied for an average charge of \$3.57 per acre, up 7 cents from last year.

CUSTOM RATES FOR FERTILIZER APPLICATION, 2001

District	Dry Fertilizer			Liquid Fertilizer		
	No. of Rpts.	Dollars per Acre		No. of Rpts.	Dollars per Acre	
		Range	Average		Range	Average
NW	27	2.50-4.50	3.60	33	3.00-4.50	3.59
WC	15	3.00-4.00	3.38	22	3.00-4.50	3.48
SW	22	3.00-4.50	3.51	25	3.00-6.00	3.62
NC	45	1.00-4.50	3.69	47	2.70-4.50	3.56
C	47	1.00-4.50	3.34	60	2.50-4.75	3.27
SC	73	2.25-5.00	3.36	82	2.00-5.00	3.37
NE	45	3.00-6.00	4.02	55	3.00-5.00	4.06
EC	32	2.00-5.00	3.66	29	2.75-5.50	3.88
SE	50	2.50-4.50	3.28	44	2.50-4.50	3.53
STATE	356	1.00-6.00	3.53	397	2.00-6.00	3.57

CHEMICAL APPLICATIONS

Custom chemical applicators charged an average of \$5.61 per acre to apply anhydrous ammonia, 6 cents less than the 2000 average.

CUSTOM RATES FOR APPLICATION OF ANHYDROUS AMMONIA, 2001

District	No. of Rpts.	Dollars per Acre	
		Range	Average
NW	6	3.50-7.65	5.19
WC	6	3.00-5.00	3.83
SW	10	4.50-7.00	5.93
NC	9	3.25-8.00	5.03
C	7	3.25-8.00	5.72
SC	6	3.50-7.00	4.71
NE	16	3.50-8.50	6.82
EC	9	4.00-8.00	6.22
SE	4	3.25-7.00	4.31
STATE	73	3.00-8.50	5.61

The average cost for aerial application of herbicide was \$4.39 per acre, up 19 cents from 2000. When herbicides were applied with a ground rig, the average cost was \$3.72, 13 cents above 2000.

CUSTOM RATES FOR HERBICIDE APPLICATION, 2001

District	Aerial			Ground Rig		
	No. of Rpts.	Dollars per Acre		No. of Rpts.	Dollars per Acre	
		Range	Average		Range	Average
NW	12	3.50-5.10	4.38	31	3.25-4.50	3.72
WC	5	3.00-7.00	4.35	32	3.00-4.50	3.47
SW	17	3.50-7.00	4.18	33	2.00-4.25	3.56
NC	17	3.50-5.00	4.13	54	2.50-5.00	3.67
C	8	3.25-6.00	4.16	65	2.50-4.50	3.34
SC	11	3.00-6.50	4.62	69	2.25-4.75	3.58
NE	1/			72	3.50-5.00	4.21
EC	1/			35	2.45-6.00	4.09
SE	3	6.00-6.00	6.00	50	2.50-5.00	3.73
STATE	77	3.00-7.00	4.39	441	2.00-6.00	3.72

1/ Insufficient reports; included in State total.

CHEMICAL APPLICATIONS

The average cost for aerial application of insecticide was \$4.42 per acre, up 23 cents from last year. When insecticides were applied with a ground rig, the average cost was \$3.77 per acre, up 11 cents from the 2000 rate.

CUSTOM RATES FOR INSECTICIDE APPLICATION, 2001

District	Aerial			Ground Rig		
	No. of Rpts.	Dollars per Acre		No. of Rpts.	Dollars per Acre	
		Range	Average		Range	Average
NW	13	3.50-5.10	4.28	20	3.00-4.50	3.78
WC	4	3.00-4.25	3.69	18	3.00-4.00	3.43
SW	15	3.50-7.00	4.31	18	3.00-4.25	3.64
NC	9	4.00-5.00	4.47	27	3.00-5.00	3.80
C	6	3.50-5.00	4.25	47	2.75-4.50	3.45
SC	13	3.00-5.50	4.53	49	2.50-4.50	3.65
NE	1/			36	3.50-5.00	4.29
EC	1/			25	3.25-5.50	4.19
SE	3	5.00-6.00	5.67	35	2.55-5.00	3.76
STATE	65	3.00-7.00	4.42	275	2.50-5.50	3.77

1/ Insufficient reports; included in State total.

CUSTOM RATES FOR CHEMICAL APPLICATION, HISTORICAL AVERAGES

Type of Operation or Application	1993	1994	1995	1996	1997	1998	1999	2000	2001
	Dollars per Acre								
Cultivation with Fertilizer	5.39	5.69	6.08	5.78	5.91	6.43	5.61	6.48	6.77
Cultivation without Fertilizer	4.76	5.16	5.31	5.74	5.96	6.11	5.88	5.75	6.25
Dry Fertilizer	2.88	2.91	2.93	3.02	3.06	3.12	3.23	3.40	3.53
Liquid Fertilizer	3.02	3.09	3.09	3.14	3.19	3.29	3.33	3.50	3.57
Anhydrous Ammonia	4.71	4.87	5.09	5.56	5.24	5.59	5.28	5.67	5.61
Herbicide									
Aerial	4.30	4.46	3.89	4.20	3.30	4.11	4.15	4.20	4.39
Ground Rig	3.11	3.18	3.25	3.32	3.28	3.39	3.48	3.59	3.72
Insecticide									
Aerial	4.25	4.53	3.81	4.20	3.91	4.11	4.16	4.19	4.42
Ground Rig	3.12	3.24	3.22	3.34	3.30	3.41	3.54	3.66	3.77

FEED PREPARATION

Rates for custom feed preparations are those generally charged by grain elevators and feed mills. Rates charged in 2001 are very close to those reported in 2000. Reports averaged 34 cents per cwt. for grinding grain, 31 cents per cwt. for rolling grain, 66 cents per cwt. for grinding hay, 23 cents per cwt. for mixing, 49 cents per cwt. for rolling and mixing, and 53 cents per cwt. for grinding and mixing.

CUSTOM RATES FOR FEED PREPARATION, 2001

District	Grinding Grain			Rolling Grain			Grinding Hay		
	No. of Rpts.	Cents per Cwt.		No. of Rpts.	Cents per Cwt.		No. of Rpts.	Cents per Cwt.	
		Range	Avg.		Range	Avg.		Range	Avg.
NW	1/			6	25-50	29	-		
WC	5	30-50	34	10	20-40	31	-		
SW	4	20-40	30	4	30-40	33	3	40-75	52
NC	12	25-50	33	17	20-50	31	1/		
C	10	20-40	32	17	20-50	31	1/		
SC	16	20-50	33	24	25-40	30	4	45-150	73
NE	12	15-45	28	10	20-45	26	1/		
EC	9	30-50	41	6	20-50	32	-		
SE	15	25-50	39	17	21-50	35	-		
STATE	85	15-50	34	111	20-50	31	12	30-150	66

1/ Insufficient reports; included in State totals.

District	Mixing			Rolling and Mixing			Grinding and Mixing		
	No. of Rpts.	Cents per Cwt.		No. of Rpts.	Cents per Cwt.		No. of Rpts.	Cents per Cwt.	
		Range	Avg.		Range	Avg.		Range	Avg.
NW	3	15-15	15	1/			3	35-40	37
WC	7	10-30	18	9	40-75	53	5	40-50	42
SW	4	20-30	28	3	50-70	60	3	50-70	60
NC	9	10-50	26	13	20-70	47	10	25-80	51
C	16	10-35	20	18	25-70	46	6	30-75	57
SC	21	15-30	22	20	30-70	51	12	40-70	56
NE	12	10-40	18	10	25-50	34	11	30-80	45
EC	8	20-40	29	6	25-75	50	7	50-80	63
SE	17	10-50	28	14	50-75	60	13	30-75	55
STATE	97	10-50	23	95	20-75	49	70	25-80	53

1/ Insufficient reports; included in State totals.

FEED PREPARATION

Pelleting feed operations averaged 70 cents per cwt., 12 cents less than in 2000. The charge for grinding, mixing, and pelleting operations combined was an average of 118 cents per cwt., 8 cents lower than in 2000. Sacking operations, excluding the cost of sacks, averaged 91 cents per cwt., 2 cents lower than last year.

CUSTOM RATES FOR FEED PREPARATION, 2001

District	Pelleting Only			Grinding, Mixing and Pelleting			Sacking		
	No. of Rpts.	Cents per Cwt.		No. of Rpts.	Cents per Cwt.		No. of Rpts.	Cents per Cwt.	
		Range	Avg.		Range	Avg.		Range	Avg.
NW	-			-			<u>1/</u>		
WC	-			-			3	75-150	117
SW	-			-			3	50-130	80
NC	-			-			10	45-150	103
C	<u>1/</u>			<u>1/</u>			12	50-150	98
SC	5	60-75	66	6	75-125	110	17	40-150	88
NE	-			-			11	50-150	102
EC	-			-			10	40-140	92
SE	5	60-100	79	<u>1/</u>			18	40-120	70
STATE	11	50-100	70	9	75-150	118	85	40-150	91

1/ Insufficient reports; included in State totals.

CUSTOM RATES FOR FEED PREPARATION, HISTORICAL AVERAGES

Type of Preparation	1993	1994	1995	1996	1997	1998	1999	2000	2001
Cents per Cwt.									
Grinding Grain	29	29	30	29	29	33	31	35	34
Rolling Grain	26	27	28	28	28	30	29	30	31
Grinding Hay	58	56	49	75	-	56	-	-	66
Mixing	20	21	20	21	22	22	22	23	23
Rolling and Mixing	40	43	40	44	42	44	45	42	49
Grinding and Mixing	42	43	45	46	44	49	46	51	53
Pelleting	71	72	69	72	67	77	73	82	70
Grinding, Mixing, and Pelleting	115	107	108	118	95	99	122	126	118
Sacking (excluding sacks)	64	76	69	72	73	76	88	93	91

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. Method 2 is a straight charge per mile while Method 3 is a straight charge per ton. Method 4, the most commonly reported, is a flat rate per load. Five reports included charge per load plus charge per ton. This averaged \$19.50 per load plus \$2.05 per ton with loads averaging 8.8 tons. Other types of charges were reported but could not be summarized for this report. Many operators also charge extra for miles beyond a specified limit. For all methods, the average extra charge was \$1.06 per mile after 12.0 miles.

CUSTOM RATES FOR FEED DELIVERY, 2001

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)		
	No. of Reports	Dollars per Load	Dollars per Mile	Avg. Load (Tons)	No. of Reports	Dollars per Mile	Avg. Load (Tons)	No. of Reports	Dollars per Ton	Avg. Load (Tons)	No. of Reports	Dollars per Load	Avg. Load (Tons)	No. of Reports	Maxim. Miles	Extra Charge \$ per Mile
NW	<u>1/</u>				-			-			5	16.00	6.8	<u>1/</u>		
WC	3	15.00	1.33	8.0	5	1.97	7.0	-			<u>1/</u>			<u>1/</u>		
SW	<u>1/</u>				-			-			<u>1/</u>			<u>1/</u>		
NC	6	14.17	1.18	7.3	<u>1/</u>			3	5.67	6.3	8	18.00	6.0	5	12.0	0.94
C	10	14.60	.94	8.2	<u>1/</u>			<u>1/</u>			6	15.50	6.7	<u>1/</u>		
SC	9	14.17	1.31	7.8	3	1.67	9.3	<u>1/</u>			6	20.17	7.7	3	11.7	1.08
NE	8	16.50	1.04	6.6	<u>1/</u>			<u>1/</u>			12	18.88	6.6	4	8.8	1.00
EC	6	19.50	1.18	8.0	<u>1/</u>			-			7	25.71	4.4	3	13.3	1.17
SE	6	16.92	1.27	6.0	7	2.35	7.1	4	6.50	10.6	6	17.54	7.3	<u>1/</u>		
STATE	50	15.58	1.14	7.4	20	1.91	7.3	11	5.45	8.2	54	19.25	6.5	21	12.0	1.06

1/ Insufficient 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 tillage equipment. Many items, such as row crop head, chisel, 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 only small increases or decreases. Some of the variation may be due to the small numbers of reports for some rental items.

MACHINE RENTAL RATES, 2001

Machine or Tool	Method of Charge	Number of Reports	Range	Average
Combine	\$/Hour	37	60.00-160.00	94.66
Corn Head	\$/Acre	10	6.00-8.00	7.15
Row Crop Head	\$/Acre	4	4.00-8.00	7.00
Flex Head	\$/Acre	3	7.00-9.00	8.00
Chisel	\$/Acre	4	1.00-5.00	2.13
Field Cultivator	\$/Acre	4	1.00-3.00	1.88
V-Blade	\$/Acre	4	2.00-3.50	2.38
No-Till Drill	\$/Acre	17	4.00-14.00	8.00
Drill-Seeder	\$/Acre	3	7.75-12.00	9.25
Grass/Alfalfa Drill	\$/Acre	3	3.50-4.50	4.00
Fertilizer Applicators				
Dry	\$/Ton	43	1.00-27.00	9.48
Dry	\$/Acre	25	.50-2.75	1.33
Liquid	\$/Acre	9	1.50-2.50	2.17
Anhydrous	\$/Ton	15	5.00-20.00	8.43
Anhydrous	\$/Acre	29	.50-5.25	1.82
Dual	\$/Acre	22	1.00-7.00	2.77
Hay Equipment				
Baler, Large Bales	\$/Bale	4	4.00-7.00	5.25
Mower, Conditioner	\$/Hour	3	5.00-10.00	7.33
Tractor				
50-100 HP	\$/Hour	6	6.00-35.00	17.86
101-150 HP	\$/Hour	8	12.00-26.50	18.54
151-200 HP	\$/Hour	12	20.00-40.00	25.25
201+ HP	\$/Hour	7	23.50-40.00	34.24
Size Not Specified	\$/Hour	11	15.00-50.00	28.45
	¢/HP/Hour	8	.10-0.17	0.13

FENCE BUILDING

Rates for fence building listed below were reported on the Bluestem Pasture Survey completed in April of 2001. 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 equipment and terrain. The rate charged for building a five-wire, all-steel post fence, including materials, averaged \$13.69 per rod. The rate excluding materials averaged \$7.00 per rod. Average hourly rates charged for fence building are \$12.21 per hour without equipment, and \$28.84 per hour with equipment.

CUSTOM RATES FOR FENCE BUILDING, PER ROD 1/, 2001

Fence Type	Steel Posts Only		
	No. of Rpts.	Dollars per Rod	
		Range	Average
	Excluding Materials		
Four Wire	8	4.00-18.00	6.88
Five Wire	34	4.95-12.50	7.00
	Including Materials		
Four Wire	<u>2/</u>		
Five Wire	22	10.00-22.50	13.69

1/ Additional charges for rough and rocky terrain ranged from \$1.00-\$2.50 per rod and averaged \$1.67 per rod. 2/ Insufficient reports.

Custom Fence Builders	No. of Rpts.	Dollars per Hour		Average Number of Persons
		Range	Average	
With Equipment	19	10.00-70.00	28.84	1.8
Without Equipment	7	8.00-20.00	12.21	1.8

TERRACING AND DOZING

Building terraces averaged 52 cents per foot, an increase of 3 cents from 2000. The average cost for general dozer work was \$77.20 per hour, compared to \$72.77 last year.

CUSTOM RATES FOR TERRACING AND DOZING, 2001

District	No. of Rpts.	Cents per Foot		No. of Rpts.	Dollars per Hour	
		Range	Average		Range	Average
	Terracing			Dozing		
NW	<u>1/</u>			3	40.00-90.00	60.00
WC	<u>1/</u>			<u>1/</u>		
SW	5	35-70	48	<u>1/</u>		
NC	<u>1/</u>			5	50.00-85.00	73.00
C	3	48-55	51	3	60.00-110.00	78.33
SC	<u>1/</u>			5	45.00-100.00	70.00
NE	<u>1/</u>			16	60.00-90.00	77.25
EC	3	49-69	61	6	60.00-90.00	79.17
SE	<u>1/</u>			13	60.00-120.00	81.77
STATE	21	30-80	52	54	40.00-120.00	77.20

1/ Insufficient reports; included in State totals.

PUBLICATION REQUEST

CR

Reports issued by Kansas Agricultural Statistics Service are free for Kansas farmers and Kansas agribusiness firms who provide the basic data and cooperating USDA and Kansas State agencies. Others are required to pay an annual fee to cover mailing costs. Please answer the following questions to help verify your status.

- 1. Do you operate a farm, ranch, or feedlot in Kansas? Yes No
 Major county of operation _____ Total acres in operation _____
- 2. Do you buy farm products directly from Kansas farmers or sell farm equipment or supplies at the retail level including custom farm work? Yes No
- 3. Do you represent a USDA or Kansas State agency? Yes No

If you checked no to all of the questions, you must pay an annual fee for certain reports. The annual subscription fees are listed with a description of each release below.

I WOULD LIKE TO RECEIVE KANSAS AGRICULTURAL STATISTICS SERVICE REPORTS CHECKED () BELOW:

USDA/KASS REPORTS

- \$12.00 () 901 WEEKLY CROP-WEATHER -- Issued each Monday, March 4 through December 2, 2002. Provides crop and weather information for previous week.
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