

2016 Texas Agricultural Custom Rates

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Custom Rates Survey
Conducted and Compiled by
Texas A&M AgriLife Extension Service
Department of Agricultural Economics

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2016 Texas Agricultural Custom Rates

Table of Contents

Introduction	1
Survey Map	2
Survey Methodology	3
Tractor Rental	4
Land Tillage Operations.....	5
Planting Operations	8
Application of Fertilizer and Lime	10
Application of Chemicals.....	11
Cotton Harvesting/Ginning	12
Peanut Harvesting	13
Grain Harvesting/Hauling.....	14
Hay Cutting and Baling	19
Hay Hauling	21
Farm or Ranch Land Improvements.....	22
Fencing and Livestock Operations.....	25
Livestock Operations.....	26
Cattle Hauling.....	27
Consulting Services	27

2016 Texas Agricultural Custom Rates

Introduction

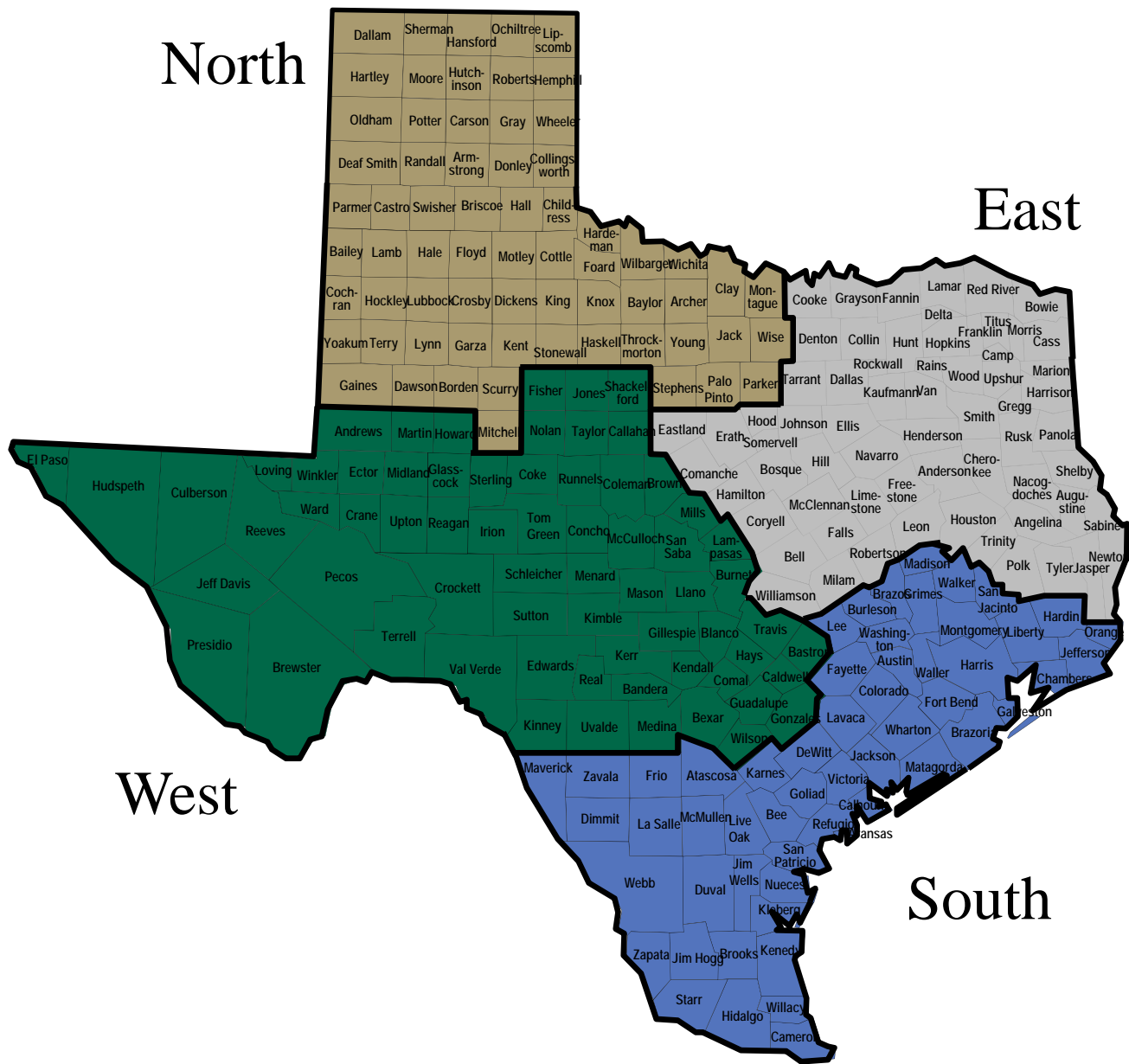
The data presented in this publication represent the responses of a survey conducted from January through April of 2016 by the Texas A&M AgriLife Extension Service, Department of Agricultural Economics. Survey respondents include both providers and users of custom services, and data reflect the prices paid for typical farm and ranch custom operations. Survey sampling and methodology were changed in 2011. Prior Texas Custom Rate Statistics Reports may not be directly comparable to reports of 2011 and after.

The survey data and publication include rates for tractor rental, row crop field operations, harvesting, hay baling, various land improvements, and livestock services. Inclusions and exclusions are noted in each section, but typically materials are not included in the rates listed. For each rate, five statistics are reported: number of responses, average rate, minimum, maximum, and most common. For rates where no common responses are recorded, the most common statistic will indicate N/A. Some custom rates are charged based on a set of factors rather than a single rate. For example, wheat harvesting may be priced at a rate/acre + rate/bushel + overage charge for yield over a specified level. For these combination rates, we simply report the statistics of each individual factor.

Reliability of rates and statistics reported are highly dependent on the number of responses in each category. Categories were left blank if fewer than three useable responses were collected. Data are presented on a regional and statewide level only. Geographic regions (North, East, West, and South) are based on combinations of administrative districts of the Texas A&M AgriLife Extension Service.

The survey coordinating team extends its gratitude to the survey respondents that took the time to complete and return the survey, as well as the AgriLife Extension County Agents and Specialists that supported the survey process.

Texas Custom Rates Survey Regions



2016 Texas Agricultural Custom Rates

Survey Methodology

The 2016 Texas Agricultural Custom Rates Survey was developed to provide information regarding typical prices paid/charged for custom agricultural services or operations.

The sampling of agricultural custom service providers and users was developed with the assistance of the entire Texas A&M AgriLife Extension Service network across the State. On a county by county basis individuals were selected for their anticipated knowledge of custom rates in the area. A total of 1895 surveys were mailed to individuals covering 231 counties. A reminder postcard was sent two weeks after the first mailing. A second survey was mailed a month after the first to individuals that had not responded initially. Participants were asked to voluntarily provide information on only the custom rates with which they were familiar. Valid responses were received from 17% (322) of the original 1895 sample. Of the 322 responses, 18 chose to provide a response online.

In addition to the mailed survey sample, an online version was available and published through a variety of sources inviting public participation. Valid survey responses were collected online from 73 individuals not connected to the original sample.

A total of 395 usable responses were collected and analyzed for publication. Prior to publication, the survey data was reviewed and a minimal number of responses were eliminated to avoid unreasonable price ranges.

2016 Texas Agricultural Custom Rates, Sample and Response by Region

	Paper Copy Survey				Public Internet Response	Total Usable Response
	Mailed Surveys	Usable Response		Response Rate		
		Paper	Internet			
North	563	80	14	16.7%	23	117
East	338	60	1	18.0%	33	94
West	569	102	3	18.5%	7	112
South	425	62	0	14.6%	10	72
Total	1895	304	18	17.0%	73	395



IRB Number: IRB2010-0988M
 IRB Approval Date: 01/12/2016
 IRB Expiration Date: 11/15/2016

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

TRACTOR RENTAL

Tractor only, excluding cost of operator and fuel

		North	East	West	South	State
Tractor Only: Less than 100 h.p. Rate per Hour	Responses	11	7	10	10	38
	Average	39.27	30.71	35.50	47.50	38.87
	Minimum	15.00	10.00	3.00	25.00	3.00
	Maximum	100.00	65.00	75.00	95.00	100.00
	Most Common	25.00	25.00	10.00	40.00	25.00
Tractor Only: 100 to 149 h.p. Rate per Hour	Responses	15	7	10	9	41
	Average	50.27	37.14	52.25	51.67	48.82
	Minimum	18.75	10.00	10.00	30.00	10.00
	Maximum	110.00	75.00	100.00	75.00	110.00
	Most Common	75.00	#N/A	#N/A	#N/A	75.00
Tractor Only: 150 to 250 h.p. Rate per Hour	Responses	22	6	13	10	51
	Average	63.36	63.33	52.12	70.50	61.89
	Minimum	30.00	10.00	20.00	45.00	10.00
	Maximum	150.00	125.00	150.00	130.00	150.00
	Most Common	50.00	#N/A	20.00	65.00	50.00
Tractor Only: More than 250 h.p. Rate per Hour	Responses	16	6	6	7	35
	Average	80.22	67.08	56.25	63.00	70.41
	Minimum	37.50	10.00	25.00	30.00	10.00
	Maximum	150.00	87.50	90.00	100.00	150.00
	Most Common	100.00	#N/A	#N/A	#N/A	80.00

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

LAND TILLAGE OPERATIONS		North	East	West	South	State
Including cost of operator, machine and fuel						
Moldboard: Shallow (less than 12 inches)	Responses	14	2	11	4	31
Rate per Acre	Average	19.21		19.32	21.25	19.47
	Minimum	12.00		12.00	10.00	10.00
	Maximum	27.00		30.00	30.00	30.00
	Most Common	15.00		20.00	#N/A	15.00
Moldboard: Deep (deeper than 12 inches)	Responses	16	2	10	4	32
Rate per Acre	Average	22.88		24.70	31.00	24.25
	Minimum	12.00		13.00	19.00	12.00
	Maximum	40.00		40.00	45.00	45.00
	Most Common	20.00		25.00	#N/A	25.00
Surface chisel (3 to 8 inches)	Responses	37	9	34	4	84
Rate per Acre	Average	13.84	13.44	15.93	20.00	14.93
	Minimum	5.00	6.00	6.00	15.00	5.00
	Maximum	25.00	22.00	30.00	25.00	30.00
	Most Common	12.00	15.00	12.00	20.00	15.00
Deep chisel (deeper than 8 inches)	Responses	32	8	22	4	66
Rate per Acre	Average	16.90	16.38	18.43	25.25	17.85
	Minimum	5.00	10.00	10.00	16.00	5.00
	Maximum	28.00	22.00	30.00	35.00	35.00
	Most Common	25.00	18.00	15.00	#N/A	15.00
Tandem disc	Responses	50	27	33	16	126
Rate per Acre	Average	13.01	13.74	14.17	16.41	13.90
	Minimum	3.00	4.44	6.00	2.50	2.50
	Maximum	25.00	30.00	28.00	30.00	30.00
	Most Common	12.00	15.00	12.00	15.00	15.00
Offset disc	Responses	29	10	25	14	78
Rate per Acre	Average	14.00	17.96	16.22	20.21	16.33
	Minimum	4.00	8.60	10.00	9.00	4.00
	Maximum	25.00	25.00	30.00	30.00	30.00
	Most Common	12.00	18.00	12.00	20.00	12.00

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

LAND TILLAGE OPERATIONS		North	East	West	South	State
Including cost of operator, machine and fuel						
Field cultivator (spring tooth harrow) Rate per Acre	Responses	37	16	25	8	86
	Average	11.77	10.50	12.38	13.25	11.85
	Minimum	4.00	6.00	8.00	9.00	4.00
	Maximum	25.00	15.00	20.00	20.00	25.00
	Most Common	10.00	10.00	10.00	15.00	10.00
Listing / Shaping Beds Rate per Acre	Responses	21	1	8	5	35
	Average	11.50		12.38	13.80	12.56
	Minimum	8.00		8.00	10.00	8.00
	Maximum	16.00		18.00	20.00	30.00
	Most Common	10.00		#N/A	10.00	10.00
Sand fighter Rate per Acre	Responses	22	0	4	1	27
	Average	7.95		5.88		8.02
	Minimum	4.00		4.00		4.00
	Maximum	15.00		7.00		18.00
	Most Common	8.00		#N/A		8.00
Rotary hoe Rate per Acre	Responses	23	0	6	2	31
	Average	8.30		7.75		8.37
	Minimum	5.00		4.00		4.00
	Maximum	15.00		12.00		15.00
	Most Common	8.00		#N/A		8.00
Row crop cultivator Rate per Acre	Responses	25	3	6	2	36
	Average	11.23	12.67	10.25		11.34
	Minimum	6.50	10.00	6.50		6.50
	Maximum	16.00	15.00	14.00		18.00
	Most Common	8.00	#N/A	10.00		10.00

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

LAND TILLAGE OPERATIONS

Including cost of operator, machine and fuel

		North	East	West	South	State
Stalk cutting/shredding Rate per Acre	Responses	29	9	14	7	59
	Average	12.76	11.00	11.54	18.43	12.87
	Minimum	5.00	4.00	6.50	12.00	4.00
	Maximum	25.00	20.00	20.00	25.00	25.00
	Most Common	10.00	12.00	9.00	25.00	10.00
Stalk pulling Rate per Acre	Responses	5	0	3	2	10
	Average	12.90		13.00		12.65
	Minimum	6.50		9.00		6.50
	Maximum	16.00		18.00		18.00
	Most Common	15.00		#N/A		15.00
Strip Till Rate per Acre	Responses	29	2	7	3	41
	Average	16.34		12.50	18.00	15.98
	Minimum	5.00		8.00	12.00	5.00
	Maximum	25.00		16.00	22.00	25.00
	Most Common	20.00		15.00	#N/A	20.00

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

PLANTING OPERATIONS

Including operator, machine and fuel; Excluding seed and materials

		North	East	West	South	State
Planting and Chemical Application	Responses	17	6	9	3	35
Row Crops	Average	16.62	16.67	16.56	21.83	17.06
Rate per Acre	Minimum	9.00	10.00	11.00	13.00	9.00
	Maximum	25.00	25.00	25.00	35.00	35.00
	Most Common	16.00	#N/A	12.00	#N/A	16.00
Planting Only	Responses	42	14	17	7	80
Row Crops	Average	13.83	15.32	13.88	16.57	14.34
Rate per Acre	Minimum	8.00	10.00	8.00	9.00	8.00
	Maximum	20.00	25.00	20.00	25.00	25.00
	Most Common	10.00	20.00	16.00	25.00	15.00
Planting and Chemical Application	Responses	10	1	4	1	16
No till: Row crops	Average	19.80		12.75		18.69
Rate per Acre	Minimum	13.00		11.00		11.00
	Maximum	30.00		14.00		35.00
	Most Common	20.00		14.00		20.00
Planting Only	Responses	24	6	7	2	39
No till: Row crops	Average	16.35	15.94	13.36		15.94
Rate per Acre	Minimum	9.00	12.00	8.50		8.50
	Maximum	22.50	25.00	22.00		25.00
	Most Common	20.00	12.00	10.00		15.00
Planting and Chemical Application	Responses	11	1	2	2	16
No till: Drilling	Average	19.09				18.81
Rate per Acre	Minimum	13.00				12.00
	Maximum	30.00				35.00
	Most Common	20.00				20.00
Planting Only	Responses	33	14	7	7	61
No till: Drilling	Average	15.97	14.71	15.57	20.29	16.13
Rate per Acre	Minimum	9.00	8.00	12.00	12.00	8.00
	Maximum	30.00	25.00	20.00	30.00	30.00
	Most Common	20.00	12.00	20.00	25.00	20.00

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

PLANTING OPERATIONS		North	East	West	South	State
Including operator, machine and fuel; Excluding seed and materials						
Planting Only peanuts Rate per Acre	Responses	9	2	0	1	12
	Average	15.33				16.50
	Minimum	9.00				9.00
	Maximum	20.00				25.00
	Most Common	15.00				15.00
Drilling: Small grains, sudan, grain sorghum, ryegrass, soybeans, beans Rate per Acre	Responses	49	19	36	9	113
	Average	13.82	14.11	15.06	17.78	14.58
	Minimum	7.00	7.00	8.00	8.00	7.00
	Maximum	20.00	25.00	40.00	35.00	40.00
	Most Common	15.00	15.00	15.00	20.00	15.00
Drilling: Alfalfa and other legumes Rate per Acre	Responses	5	3	4	2	14
	Average	14.60	20.00	21.50		19.21
	Minimum	10.00	15.00	16.00		10.00
	Maximum	20.00	25.00	30.00		30.00
	Most Common	10.00	#N/A	20.00		20.00
Grass seeding Rate per Acre	Responses	18	11	13	8	50
	Average	17.47	27.05	25.85	28.75	23.56
	Minimum	7.00	10.00	13.00	8.00	7.00
	Maximum	30.00	60.00	50.00	70.00	70.00
	Most Common	18.00	15.00	20.00	#N/A	20.00
Sprigging bermuda grass (does not include cost of sprigs) Rate per Acre	Responses	8	14	9	12	43
	Average	73.50	54.46	51.11	80.21	64.49
	Minimum	18.00	14.00	30.00	35.00	14.00
	Maximum	125.00	100.00	85.00	120.00	125.00
	Most Common	#N/A	100.00	40.00	80.00	100.00

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

APPLICATION OF FERTILIZER AND LIME		North	East	West	South	State
Including operator, machine and fuel; Excluding materials						
Anhydrous ammonia Rate per Acre	Responses	15	9	3	2	29
	Average	11.63	11.11	9.17		11.79
	Minimum	5.00	6.00	5.50		5.00
	Maximum	22.00	20.00	15.00		22.00
	Most Common	15.00	10.00	#N/A		20.00
Dry mixed fertilizer Rate per Acre	Responses	39	27	22	14	102
	Average	5.48	6.09	6.08	6.34	5.89
	Minimum	3.00	2.50	4.00	2.00	2.00
	Maximum	11.00	10.00	11.00	10.00	11.00
	Most Common	5.00	5.00	6.00	8.00	5.00
Liquid fertilizer Rate per Acre	Responses	45	30	25	15	115
	Average	5.72	6.43	6.60	7.15	6.28
	Minimum	3.75	5.00	3.75	5.00	3.75
	Maximum	11.00	14.00	12.00	10.00	14.00
	Most Common	5.00	6.00	6.00	8.00	6.00
Aerial application of fertilizer Rate per Acre	Responses	14	5	4	7	30
	Average	6.43	8.90	9.63	9.90	8.08
	Minimum	3.00	6.00	6.50	7.00	3.00
	Maximum	11.00	15.00	12.00	15.00	15.00
	Most Common	6.00	8.00	12.00	#N/A	6.00
Lime application Rate per Ton	Responses	7	3	1	6	17
	Average	10.43	9.67		11.50	10.76
	Minimum	6.00	6.00		7.00	6.00
	Maximum	20.00	15.00		15.00	20.00
	Most Common	10.00	#N/A		15.00	15.00
Manure/compost spreading Rate per Ton	Responses	11	5	0	1	17
	Average	6.70	6.20			7.04
	Minimum	3.00	2.00			2.00
	Maximum	15.50	15.00			15.50
	Most Common	3.50	#N/A			15.00

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

APPLICATION OF CHEMICALS		North	East	West	South	State
Including operator, machine and fuel; Excluding materials						
Insecticides and fungicides	Responses	27	13	10	11	61
Flat Rate Aerial Application	Average	6.93	8.92	7.03	8.71	7.69
Rate per Acre	Minimum	4.50	6.00	5.50	5.00	4.50
	Maximum	25.00	28.00	10.00	20.00	28.00
	Most Common	6.00	7.50	5.50	7.00	6.00
Insecticides and fungicides	Responses	45	29	27	13	114
Flat Rate Ground Application	Average	5.96	7.69	7.86	7.21	6.99
Rate per Acre	Minimum	3.75	3.00	3.50	5.00	3.00
	Maximum	20.00	20.00	35.00	15.00	35.00
	Most Common	5.00	6.00	5.50	5.00	5.00
Herbicides	Responses	29	12	12	12	65
Flat Rate Aerial Application	Average	7.28	8.38	9.47	9.24	8.25
Rate per Acre	Minimum	4.50	6.00	5.75	5.00	4.50
	Maximum	20.00	20.00	33.40	20.00	33.40
	Most Common	6.00	7.50	8.00	7.00	6.00
Herbicides	Responses	57	41	29	20	147
Flat Rate Ground Application	Average	6.29	9.15	8.42	9.14	7.89
Rate per Acre	Minimum	3.75	4.75	3.50	2.50	2.50
	Maximum	25.00	35.00	30.00	32.00	35.00
	Most Common	5.00	6.00	5.50	8.00	5.00
Plant growth regulators/defoliants	Responses	22	7	8	6	43
Flat Rate Aerial Application	Average	6.45	7.43	6.97	8.21	6.95
Rate per Acre	Minimum	5.00	6.00	5.75	5.00	5.00
	Maximum	11.00	8.50	9.00	10.50	11.00
	Most Common	6.00	7.50	6.50	#N/A	6.00
Plant growth regulators/defoliants	Responses	36	13	18	8	75
Flat Rate Ground Application	Average	5.69	5.73	6.04	6.59	5.88
Rate per Acre	Minimum	4.00	5.00	3.50	5.00	3.50
	Maximum	10.00	7.00	10.00	8.50	10.00
	Most Common	5.00	6.00	5.50	8.00	5.00

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

COTTON HARVESTING			North	East	West	South	State
Including operator, machine and fuel							
Stripping cotton	Responses		33	9	13	4	59
Rate per Lint Pound	Average		0.09	0.10	0.09	0.11	0.09
	Minimum		0.06	0.08	0.06	0.10	0.06
	Maximum		0.15	0.12	0.12	0.12	0.15
	Most Common		0.08	0.10	0.08	0.12	0.10
Picking cotton	Responses		15	2	5	9	31
Rate per Lint Pound	Average		0.11		0.11	0.13	0.12
	Minimum		0.10		0.09	0.10	0.09
	Maximum		0.13		0.14	0.15	0.15
	Most Common		0.10		0.11	0.12	0.12
Picking cotton (with on board module building)	Responses		11	2	4	7	24
Rate per Lint Pound	Average		0.12		0.14	0.14	0.13
	Minimum		0.11		0.10	0.12	0.10
	Maximum		0.14		0.15	0.18	0.18
	Most Common		0.14		0.15	0.14	0.14
Ginning cotton (one price)	Responses		6	1	2	1	10
Rate per CWT of Seed Cotton	Average		2.27				2.49
	Minimum		1.50				1.50
	Maximum		2.95				3.60
	Most Common		2.00				2.00
Two price cotton ginning	Responses		8	1	2	1	12
a. Ginning cotton	Average		2.53				2.65
Rate per CWT of Seed Cotton	Minimum		1.80				1.80
	Maximum		3.25				3.25
	Most Common		2.75				2.75
Two price cotton ginning	Responses		11	1	2	1	15
b. Bagging and ties	Average		15.41				15.11
Rate per Bale	Minimum		7.00				5.50
	Maximum		21.00				21.00
	Most Common		17.50				17.50

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

PEANUT HARVESTING

Including operator, machine and fuel

		North	East	West	South	State
Peanut harvesting	Responses	8	0	0	0	8
a. Dig and shake	Average	22.38				22.38
Rate per Acre	Minimum	15.00				15.00
	Maximum	30.00				30.00
	Most Common	25.00				25.00
Peanut harvesting	Responses	6	0	0	2	8
b. Combining & hauling	Average	45.50				41.63
Rate per Ton (field weight)	Minimum	25.00				20.00
	Maximum	60.00				60.00
	Most Common	40.00				40.00
Peanut harvesting	Responses	1	0	0	0	1
c. Peanut drying	Average					
Rate per Ton (field weight)	Minimum					
	Maximum					
	Most Common					

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

FLAT RATE COMBINING AND HAULING GRAINS					
Including operator, machine and fuel	North	East	West	South	State

Combining and hauling: Flat Rate (no extra charges) Corn	Responses	26	5	6	7	44
Rate per Bushel	Average	0.43	0.51	0.56	0.55	0.48
	Minimum	0.20	0.28	0.30	0.25	0.20
	Maximum	1.00	1.00	0.75	0.85	1.00
	Most Common	0.40	#N/A	#N/A	#N/A	0.40

Combining and hauling: Flat Rate (no extra charges) Grain sorghum	Responses	14	3	4	8	29
Rate per Bushel	Average	0.47	0.63	0.53	0.51	0.51
	Minimum	0.20	0.28	0.36	0.25	0.20
	Maximum	0.90	1.00	0.75	0.75	1.00
	Most Common	0.50	#N/A	#N/A	#N/A	0.60

Combining and hauling: Flat Rate (no extra charges) Soybeans	Responses	5	0	0	1	6
Rate per Bushel	Average	0.66				0.68
	Minimum	0.20				0.20
	Maximum	1.14				1.14
	Most Common	#N/A				#N/A

Combining and hauling: Flat Rate (no extra charges) Wheat and other small grains	Responses	15	3	3	4	25
Rate per Bushel	Average	0.59	0.66	0.61	0.55	0.59
	Minimum	0.20	0.38	0.38	0.40	0.20
	Maximum	1.09	1.00	0.75	0.75	1.09
	Most Common	1.00	#N/A	#N/A	#N/A	1.00

Hauling Only All Grain	Responses	8	2	5	2	17
Rate per Loaded Mile	Average	4.38		3.62		4.21
	Minimum	1.90		3.00		1.90
	Maximum	9.00		4.25		9.00
	Most Common	3.50		#N/A		4.00

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

COMBINING AND HAULING CORN

Including operator, machine and fuel

North

East

West

South

State

Combining and hauling Corn

Reported as Combination of per Acre rate, hauling, plus overage

a. Rate per Acre

	North	East	West	South	State
Responses	11	12	7	7	37
Average	31.82	24.75	25.14	30.00	27.92
Minimum	25.00	18.00	20.00	25.00	18.00
Maximum	40.00	30.00	31.00	35.00	40.00
Most Common	35.00	25.00	24.00	25.00	25.00

b. Hauling per Bushel

	North	East	West	South	State
Responses	10	9	6	5	30
Average	0.19	0.21	0.27	0.37	0.24
Minimum	0.10	0.17	0.20	0.20	0.10
Maximum	0.30	0.30	0.40	0.60	0.60
Most Common	0.25	0.17	0.25	0.20	0.25

c. Overage Rate per Bushel

	North	East	West	South	State
Responses	2	0	1	0	3
Average					0.28
Minimum					0.22
Maximum					0.35
Most Common					#N/A

d. Overage charged on yields over:

	North	East	West	South	State
Responses	2	0	1	0	3
Average					33.33
Minimum					20.00
Maximum					60.00
Most Common					20.00

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

COMBINING AND HAULING GRAIN SORGHUM

Including operator, machine and fuel

North

East

West

South

State

Combining and hauling Grain Sorghum

Reported as Combination of per Acre rate, hauling, plus overage

a. Rate per Acre

Responses	33	10	16	9	68
Average	24.88	24.20	24.63	30.56	25.47
Minimum	15.00	18.00	20.00	25.00	15.00
Maximum	40.00	30.00	30.00	40.00	40.00
Most Common	25.00	25.00	24.00	30.00	25.00

b. Hauling per Bushel

Responses	26	7	11	4	48
Average	0.21	0.21	0.27	0.40	0.24
Minimum	0.10	0.17	0.18	0.20	0.10
Maximum	0.35	0.30	0.40	0.60	0.60
Most Common	0.24	0.17	0.25	0.20	0.20

c. Overage Rate per Bushel

Responses	11	0	4	0	15
Average	0.23		0.23		0.23
Minimum	0.13		0.20		0.13
Maximum	0.27		0.25		0.27
Most Common	0.25		0.25		0.25

d. Overage charged on yields over:

Responses	11	0	5	0	16
Average	35.78		35.71		35.76
Minimum	20.00		20.00		20.00
Maximum	53.57		60.00		60.00
Most Common	30.00		20.00		30.00

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

COMBINING AND HAULING SOYBEANS

Including operator, machine and fuel

North

East

West

South

State

Combining and hauling Soybeans

Reported as Combination of per Acre rate, hauling, plus overage

a. Rate per Acre

	North	East	West	South	State
Responses	8	6	2	2	18
Average	30.56	30.00			30.42
Minimum	20.00	25.00			20.00
Maximum	40.00	45.00			45.00
Most Common	30.00	25.00			25.00

b. Hauling per Bushel

	North	East	West	South	State
Responses	6	4	1	1	12
Average	0.25	0.21			0.27
Minimum	0.15	0.17			0.15
Maximum	0.30	0.30			0.60
Most Common	0.30	#N/A			0.30

c. Overage Rate per Bushel

	North	East	West	South	State
Responses	3	0	0	0	3
Average	0.22				0.22
Minimum	0.15				0.15
Maximum	0.27				0.27
Most Common	#N/A				#N/A

d. Overage charged on yields over:

	North	East	West	South	State
Responses	3	0	0	0	3
Average	25.00				25.00
Minimum	20.00				20.00
Maximum	35.00				35.00
Most Common	20.00				20.00

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

COMBINING AND HAULING WHEAT/OTHER SMALL GRAINS					
Including operator, machine and fuel	North	East	West	South	State

Combining and hauling Wheat and other small grains
Reported as Combination of per Acre rate, hauling, plus overage

a. Rate per Acre	Responses	51	16	20	3	90
	Average	23.08	24.06	23.05	30.00	23.48
	Minimum	14.00	20.00	15.00	25.00	14.00
	Maximum	30.00	30.00	28.00	35.00	35.00
	Most Common	25.00	25.00	24.00	#N/A	25.00

b. Hauling per Bushel	Responses	41	8	15	2	66
	Average	0.23	0.27	0.25		0.24
	Minimum	0.10	0.17	0.18		0.10
	Maximum	0.35	0.50	0.40		0.60
	Most Common	0.25	0.20	0.25		0.25

c. Overage Rate per Bushel	Responses	29	1	8	0	38
	Average	0.23		0.22		0.23
	Minimum	0.05		0.10		0.05
	Maximum	0.27		0.25		0.30
	Most Common	0.22		0.23		0.25

d. Overage charged on yields over:	Responses	29	0	8	0	37
	Average	23.10		25.00		23.51
	Minimum	20.00		20.00		20.00
	Maximum	50.00		40.00		50.00
	Most Common	20.00		20.00		20.00

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

HAY CUTTING AND BALING OPERATIONS

Including operator, machine and fuel

North

East

West

South

State

Complete Haying Job (mow, condition, rake, and bale)

For various type/size bales

Excluding Hauling

Small Square Bales

Twine or Wire Tie

Rate per Bale

	North	East	West	South	State
Responses	14	22	19	17	72
Average	2.21	2.57	2.10	2.17	2.28
Minimum	0.75	0.50	0.85	1.00	0.50
Maximum	7.00	7.00	3.50	5.00	7.00
Most Common	2.00	3.00	3.00	2.00	2.00

Round Bales

Less than 1500 lbs

Twine or Wire Tie

Rate per Bale

	North	East	West	South	State
Responses	22	28	21	15	86
Average	26.37	23.70	27.43	26.07	25.71
Minimum	20.00	13.00	17.00	20.00	13.00
Maximum	50.00	35.00	45.00	35.00	50.00
Most Common	25.00	25.00	25.00	25.00	25.00

Round Bales

Over 1500 lbs

Twine or Wire Tie

Rate per Bale

	North	East	West	South	State
Responses	11	16	7	19	53
Average	28.85	24.97	27.57	30.21	28.00
Minimum	23.80	17.50	20.00	25.00	17.50
Maximum	40.00	30.00	35.00	38.00	40.00
Most Common	25.00	25.00	30.00	30.00	25.00

Round Bales

Less than 1500 lbs

Full Wrap

Rate per Bale

	North	East	West	South	State
Responses	27	35	33	16	111
Average	25.17	24.89	27.21	28.19	26.12
Minimum	15.00	14.00	17.00	22.50	14.00
Maximum	30.00	40.00	50.00	35.00	50.00
Most Common	25.00	25.00	30.00	25.00	25.00

Round Bales

Over 1500 lbs

Full Wrap

Rate per Bale

	North	East	West	South	State
Responses	13	19	17	13	62
Average	27.14	27.66	29.53	29.81	28.51
Minimum	23.80	22.00	20.00	22.50	20.00
Maximum	34.00	45.00	36.00	35.00	45.00
Most Common	25.00	25.00	30.00	32.00	30.00

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

HAY BALING OPERATIONS					
Including operator, machine and fuel	North	East	West	South	State

Hay Baling Only
For various type/size bales
 Excluding Hauling

Small Square Bales	Responses	12	6	14	10	42
Twine or Wire Tie	Average	1.43	1.63	1.22	1.07	1.30
Rate per Bale	Minimum	1.00	0.25	0.65	0.50	0.25
	Maximum	5.50	4.00	2.00	2.00	5.50
	Most Common	1.00	#N/A	1.25	1.00	1.00

Round Bales	Responses	12	11	10	10	43
Less than 1500 lbs	Average	17.58	13.41	15.60	15.10	15.48
Twine or Wire Tie	Minimum	12.00	8.00	10.00	10.00	8.00
Rate per Bale	Maximum	25.00	20.00	25.00	20.00	25.00
	Most Common	18.00	12.00	10.00	20.00	15.00

Round Bales	Responses	5	8	5	8	26
Over 1500 lbs	Average	18.80	14.25	15.60	18.19	16.60
Twine or Wire Tie	Minimum	15.00	10.00	12.00	12.00	10.00
Rate per Bale	Maximum	28.00	20.00	20.00	25.00	28.00
	Most Common	#N/A	12.50	#N/A	18.00	20.00

Round Bales	Responses	18	18	16	11	63
Less than 1500 lbs	Average	15.58	17.67	16.77	19.00	17.08
Full Wrap	Minimum	12.00	12.00	10.00	12.00	10.00
Rate per Bale	Maximum	20.00	28.00	35.35	32.00	35.35
	Most Common	14.00	12.00	10.00	12.00	12.00

Round Bales	Responses	9	6	9	6	30
Over 1500 lbs	Average	16.89	17.08	18.44	19.75	17.97
Full Wrap	Minimum	15.00	12.50	12.00	16.00	12.00
Rate per Bale	Maximum	20.00	25.00	30.00	25.00	30.00
	Most Common	18.00	#N/A	20.00	#N/A	20.00

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

HAY HAULING

Including operator, machine and fuel

		North	East	West	South	State
Hauling hay (field to storage): Small Square Bales	Responses	8	15	10	12	45
Rate per Bale	Average	0.91	1.17	1.00	1.11	1.07
	Minimum	0.50	0.75	0.50	0.60	0.50
	Maximum	1.50	2.25	1.25	2.00	2.25
	Most Common	1.00	1.00	1.00	1.00	1.00
Hauling hay (field to storage): Round Bales, less than 1500 lbs.	Responses	20	22	16	14	72
Rate per Bale	Average	5.78	4.66	5.14	6.54	5.44
	Minimum	2.00	1.02	1.00	3.00	1.00
	Maximum	10.00	8.00	10.00	10.00	10.00
	Most Common	5.00	5.00	5.00	10.00	5.00
Hauling hay (field to storage): Round Bales, over 1500 lbs.	Responses	8	12	5	12	37
Rate per Bale	Average	5.56	5.29	3.80	6.83	5.65
	Minimum	3.00	3.00	1.00	2.00	1.00
	Maximum	10.00	10.00	7.00	15.00	15.00
	Most Common	5.00	5.00	5.00	5.00	5.00
Flat Rate Hay Hauling Semi-Trailer	Responses	9	10	9	9	37
Rate per Loaded Mile	Average	5.08	3.11	3.44	4.61	4.04
	Minimum	3.50	2.00	1.00	3.00	1.00
	Maximum	10.00	4.00	4.50	10.00	10.00
	Most Common	3.50	4.00	4.00	4.00	4.00
Flat Rate Hay Hauling Other Trailers	Responses	5	12	7	7	31
Rate per Loaded Mile	Average	4.60	2.77	2.36	3.85	3.21
	Minimum	3.00	0.50	0.75	2.50	0.50
	Maximum	8.00	5.00	5.50	5.00	8.00
	Most Common	4.00	3.00	#N/A	4.00	3.00

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

FARM OR RANCH LAND IMPROVEMENT OPERATIONS		North	East	West	South	State
Including operator, machine and fuel						
Bulldozer, Land clearing	Responses	27	27	32	22	108
Rate per Hour	Average	117.41	97.96	100.86	109.09	105.95
	Minimum	60.00	50.00	55.00	60.00	50.00
	Maximum	160.00	160.00	180.00	200.00	200.00
	Most Common	125.00	100.00	100.00	75.00	125.00
Bulldozer, Root plowing	Responses	6	5	8	6	25
Rate per Hour	Average	148.33	107.00	115.63	128.33	124.80
	Minimum	120.00	50.00	80.00	105.00	50.00
	Maximum	200.00	125.00	180.00	155.00	200.00
	Most Common	125.00	125.00	125.00	125.00	125.00
Bulldozer, Rake and stack	Responses	11	5	20	6	42
Rate per Hour	Average	120.00	84.00	104.25	125.00	108.93
	Minimum	105.00	50.00	45.00	105.00	45.00
	Maximum	130.00	120.00	180.00	150.00	180.00
	Most Common	125.00	75.00	80.00	125.00	125.00
Bulldozer, Heavy offset plowing	Responses	5	2	5	5	17
Rate per Hour	Average	117.00		112.50	150.00	121.62
	Minimum	80.00		50.00	125.00	50.00
	Maximum	130.00		180.00	195.00	195.00
	Most Common	125.00		#N/A	150.00	125.00
Terracing	Responses	11	6	8	2	27
Rate per Hour	Average	111.36	126.67	98.13		112.22
	Minimum	90.00	100.00	60.00		60.00
	Maximum	135.00	160.00	140.00		160.00
	Most Common	125.00	#N/A	85.00		125.00
Leveling	Responses	7	7	10	6	30
Rate per Hour	Average	116.43	105.71	102.50	143.83	114.77
	Minimum	100.00	50.00	60.00	78.00	50.00
	Maximum	140.00	160.00	225.00	200.00	225.00
	Most Common	110.00	#N/A	60.00	#N/A	125.00

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

FARM OR RANCH LAND IMPROVEMENT OPERATIONS		North	East	West	South	State
Including operator, machine and fuel						
Stock tank construction and/or maintenance Rate per Hour	Responses	18	13	20	9	60
	Average	116.67	112.69	97.50	121.11	110.08
	Minimum	100.00	60.00	65.00	85.00	60.00
	Maximum	140.00	160.00	150.00	150.00	160.00
	Most Common	125.00	100.00	80.00	150.00	100.00
Grubbing (Approx. 40 small trees/shrubs per acre) Rate per Acre	Responses	10	2	18	3	33
	Average	159.50		131.39	125.00	136.67
	Minimum	75.00		20.00	85.00	20.00
	Maximum	300.00		400.00	150.00	400.00
	Most Common	125.00		150.00	#N/A	100.00
Excavator Rate per Acre	Responses	7	1	9	6	23
	Average	181.43		141.94	162.50	157.50
	Minimum	80.00		100.00	50.00	50.00
	Maximum	300.00		225.00	300.00	300.00
	Most Common	300.00		100.00	#N/A	100.00
Pasture shredding Rate per Acre	Responses	9	20	11	24	64
	Average	23.78	23.33	29.18	19.38	22.91
	Minimum	8.00	4.00	8.00	6.00	4.00
	Maximum	75.00	75.00	75.00	65.00	75.00
	Most Common	25.00	15.00	15.00	20.00	15.00
Pasture aeration Rate per Acre	Responses	10	12	11	13	46
	Average	18.78	18.96	28.64	22.81	22.32
	Minimum	5.75	10.00	12.00	5.00	5.00
	Maximum	35.00	50.00	80.00	75.00	80.00
	Most Common	15.00	15.00	15.00	15.00	15.00

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

FARM OR RANCH LAND IMPROVEMENT OPERATIONS		North	East	West	South	State
Including operator, machine and fuel						
Brush Spraying	Responses	14	5	8	6	33
Aerial Application	Average	11.25	7.50	26.89	8.80	14.03
Rate per Acre	Minimum	3.50	7.00	8.00	7.00	3.50
	Maximum	35.00	8.00	43.75	10.00	43.75
	Most Common	6.00	7.00	#N/A	10.00	8.00
Brush Spraying	Responses	8	10	6	14	38
Ground Application	Average	6.19	16.55	16.75	10.43	12.14
Rate per Acre	Minimum	4.00	5.00	4.00	5.00	4.00
	Maximum	10.00	60.00	40.00	25.00	60.00
	Most Common	6.00	20.00	#N/A	8.00	6.00
Brush Spraying	Responses	1	5	6	6	18
Individual Plant Treatment	Average		36.92	30.42	77.50	53.17
Rate per Acre	Minimum		9.60	10.00	35.00	9.60
	Maximum		100.00	50.00	150.00	150.00
	Most Common		#N/A	45.00	#N/A	15.00

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

FENCING AND MISCELLANEOUS LIVESTOCK OPERATIONS

Including operator, machine and fuel

		North	East	West	South	State
Fence building (including materials)	Responses	32	13	30	15	90
4 to 6 wire with steel posts	Average	9,497	11,874	12,269	9,482	10,762
Rate per Mile	Minimum	3,432	5,000	4,000	4,000	3,432
	Maximum	26,400	19,800	29,568	15,000	29,568
	Most Common	10,000	11,880	15,840	13,200	10,000
Fence building (including materials)	Responses	5	7	4	9	25
4 to 6 wire with wood posts	Average	10,050	14,254	8,175	12,186	11,696
Rate per Mile	Minimum	7,250	7,000	4,000	4,000	4,000
	Maximum	14,000	19,800	13,200	20,000	20,000
	Most Common	#N/A	16,000	#N/A	#N/A	10,000
Fence building (including materials)	Responses	3	0	6	5	14
Deer-proof fencing	Average	22,920		25,770	29,317	26,426
8-foot with steel posts	Minimum	15,000		20,000	19,000	15,000
Rate per Mile	Maximum	30,000		42,240	35,904	42,240
	Most Common	#N/A		#N/A	#N/A	23,760
Fence building (including materials)	Responses	2	3	21	7	33
Net wire	Average		20,487	14,913	13,996	15,201
Rate per Mile	Minimum		14,000	7,500	5,300	5,300
	Maximum		31,460	23,760	25,000	31,460
	Most Common		#N/A	17,160	#N/A	15,840

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

LIVESTOCK OPERATIONS			North	East	West	South	State
Including labor and equipment							
Cattle Day Labor for weaning, branding, etc. (Labor provides mount) Rate per Day	Responses	41	15	39	28	123	
	Average	139.76	146.33	144.62	167.86	148.50	
	Minimum	50.00	100.00	75.00	60.00	50.00	
	Maximum	200.00	300.00	300.00	400.00	400.00	
	Most Common	150.00	150.00	150.00	150.00	150.00	
Small grains, stocker cattle care (including mount) Rate per Head per Month	Responses	18	1	2	0	21	
	Average	4.17				3.95	
	Minimum	2.00				2.00	
	Maximum	8.00				8.00	
	Most Common	3.00				3.00	
Cattle: Artificial Insemination Rate per Head	Responses	5	6	3	5	19	
	Average	27.80	18.33	30.00	31.40	26.11	
	Minimum	9.00	10.00	10.00	15.00	9.00	
	Maximum	50.00	25.00	50.00	50.00	50.00	
	Most Common	50.00	25.00	#N/A	#N/A	50.00	
Cattle: Pregnancy Testing Rate per Head	Responses	15	9	12	10	46	
	Average	4.47	5.56	6.63	7.40	5.88	
	Minimum	1.25	3.00	2.50	3.00	1.25	
	Maximum	20.00	12.00	20.00	20.00	20.00	
	Most Common	5.00	3.00	5.00	5.00	5.00	
Cattle: Spraying Rate per Head	Responses	3	1	6	2	12	
	Average	4.00		3.92		5.21	
	Minimum	1.00		0.50		0.50	
	Maximum	10.00		10.00		10.00	
	Most Common	1.00		#N/A		10.00	
Cattle Processing (dehorning, branding, castrating, vaccinating, deworming) Rate per Head	Responses	10	5	7	10	32	
	Average	7.33	21.80	10.71	18.90	13.95	
	Minimum	2.00	5.00	2.00	4.00	2.00	
	Maximum	35.00	50.00	20.00	50.00	50.00	
	Most Common	2.00	#N/A	10.00	10.00	10.00	

2016 Texas Agricultural Custom Rates

Number of Survey Responses and Rates (\$) per Unit for Regions of Texas

LIVESTOCK OPERATIONS

Including labor and equipment

		North	East	West	South	State
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Sheep Shearing Rate per Head	Responses	2	0	13	1	16
	Average			3.77		4.25
	Minimum			1.00		1.00
	Maximum			10.00		10.00
	Most Common			3.00		3.00

Sheep Tagging Rate per Head	Responses	2	1	7	1	11
	Average			2.84		3.35
	Minimum			1.00		1.00
	Maximum			10.00		10.00
	Most Common			2.00		2.00

CATTLE HAULING

Including labor and equipment

		North	East	West	South	State
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Cattle hauling Semi-Truck & Trailer (18-wheeler) Rate per Loaded Mile	Responses	21	8	13	10	52
	Average	4.41	3.94	3.50	3.56	3.95
	Minimum	3.00	3.10	2.00	2.00	2.00
	Maximum	9.00	6.00	4.25	5.00	9.00
	Most Common	4.00	4.00	3.75	4.00	4.00

Cattle hauling All other Trucks and Trailers Rate per Loaded Mile	Responses	17	13	11	10	51
	Average	3.53	3.33	2.55	3.35	3.23
	Minimum	1.00	2.00	1.00	1.00	1.00
	Maximum	8.50	6.25	4.00	5.00	8.50
	Most Common	3.00	3.00	3.00	4.00	3.00

CONSULTING SERVICES

		North	East	West	South	State
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Crop Production Consulting Services Rate per Acre	Responses	27	9	5	10	51
	Average	8.03	8.42	9.60	10.45	8.73
	Minimum	4.25	3.00	4.00	3.00	3.00
	Maximum	13.00	22.00	16.00	25.00	25.00
	Most Common	8.00	6.00	#N/A	5.00	8.00

Use of Fee Based Predator Management Service Rate per Acre	Responses	2	1	5	1	9
	Average			0.33		0.40
	Minimum			0.15		0.15
	Maximum			1.00		1.00
	Most Common			0.15		0.15