



Custom rates for Wyoming farm & ranch operations

2000-2002

JOHN P. HEWLETT, JESSICA BROWN, CARL E. OLSON

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Authors

John P. Hewlett, Farm and Ranch Management Extension Specialist, University of Wyoming, College of Agriculture, Department of Agricultural and Applied Economics

Jessica Brown, Research Assistant, University of Wyoming, College of Agriculture, Department of Agricultural and Applied Economics

Carl E. Olson, Professor Emeritus, University of Wyoming, College of Agriculture, Department of Agricultural and Applied Economics



Introduction

Many agricultural operators choose not to own all of the machinery and equipment necessary to perform every farm and ranch operation. In some cases labor is not available and in others owning the equipment is simply too costly for relatively small jobs. Therefore, many farms and ranches use custom operators and/or machinery rental to accomplish the needed tasks.

Custom work can be defined as the use of labor, power units, machinery, equipment, or services performed for a farm and ranch operation. Rates for custom work normally include all costs of owning, operating, and performing the custom operation such as machine operator labor, management services, interest on equipment investments, and operating profits. Costs for materials such as seeds, chemicals, fertilizers, twine, and additional labor are not included in the custom rate unless noted otherwise.

The objective of this report is to collect, organize, and present operators with current information on rates for Wyoming custom operations. The purpose is not to evaluate whether the rates are fair but rather to describe what is being charged by operators in the state.

Use of Custom Rates

Custom-rate information is useful to operators involved in commercial agriculture and related industries. Farm and ranch operators may use listed custom rates as guides in financial planning and budgeting as well as in negotiating charges for work performed for neighbors or others. Lending institutions, government agency personnel, and those who prepare budgets or conduct planning activities should find the listed rates useful. Custom operators also may use this publication to analyze their fees.

Procedure

Custom rates reported in this publication were obtained from mail surveys or telephone interviews with custom operators, farmers, ranchers, and various agribusiness firms throughout Wyoming and adjacent areas in the surrounding states. Information from more than 78 respondents was used to generate the 2000 to 2002 statistics. The response rate for the sur-

vey to collect data for this report was quite low. Reported values should be used with caution since many are based on the report from a single operator. Other values have been carried forward from the previous report (*Wyoming Custom Rates for Wyoming Farm and Ranch Operations, 1998-99*) to fill gaps in the reported data.

Related Publications

Wyoming Machinery and Operation Costs (University of Wyoming Cooperative Extension Service Bulletin B-982 and Software MP-92) provides readers with data and formulas to calculate ownership and operation costs for farm and ranch machinery and equipment. Comparing the results of those calculations with the custom rates reported here may give the reader a means for evaluating the reasonableness of quoted custom rates.

Factors Influencing Custom Rates

Custom rates may vary from one region to another for several reasons. A list of factors influencing the rates set for custom operations is provided below.

Lower rates may be influenced by:	Higher rates may be influenced by:
<ul style="list-style-type: none"> • Neighborliness or friendly work exchange • Location of job in relation to custom operator • Operator's desire to keep equipment working and perhaps cover variable costs but not necessarily all fixed costs • Use of older equipment where current investment costs are not reflected in the rate • Indirectly paying for portions of the operation costs including providing meals, fuel, transportation, and some supervision of labor • Number of jobs at a particular site 	<ul style="list-style-type: none"> • Reports from pure custom operators or operators using new equipment who are attempting to cover all costs • Setting rates by what the market will bear • Tougher jobs that require extra power, fuel, labor, and/or repairs • Conditions such as rocks, irregular fields, rough terrain, or crop differences • A shortage of necessary labor or equipment resources for a particular job • Small or low-yielding jobs

Reported Values

Survey data were entered into an electronic spreadsheet, and summary statistics were calculated. This report provides a listing of the calculated statistics. Tabled values include the average rate charged as well as the range of rates reported for the operation. For example, the average rate for subsoiling in irrigated areas of Wyoming was \$23.50 per acre; however, reported rates ranged from \$15 per acre to \$27.50 per acre.

Information was also collected on how custom operators accomplish their custom services. These data are reported for the size of the power unit, the size of the implement, and the accomplishment rate expressed as acres completed per 10 hours. Again, looking at 20-inch-deep subsoiling, the average power unit is 169 horse power (HP) with a range of 150 to 220 HP, the average implement has seven shanks, and the accomplishment rate averages 35 acres per 10 hours with a range of 20 to 50 acres per 10 hours. This data, coupled with formulas provided in the accompanying publication *Wyoming Machinery and Operation Costs*, can assist individuals in setting custom rates.

The data in this report should be used as a guide or starting place for negotiating charges for custom operations. Actual charges for services rendered will probably vary from those listed.

Abbreviations Used

Item	Abbreviation	Descriptions
Machinery and Equipment Rental	HP	Horse Power
Laboratory Analysis	N-P-K pH CEC	Nitrogen-Phosphate-Potash Acidity (<7) or Alkalinity (>7) with 7 being neutral Cation Exchange Capacity
Miscellaneous	U/A	Unavailable



CUSTOM TILLAGE		Rate for dryland areas*	Rate for irrigated areas*	Size of power unit*	Size of implement*	Acres per 10 hours*
<u>Subsoiling: 20" deep</u>	\$/A	\$55.00 55.00-55.00	\$23.50 15.00-27.50	169HP 150-220	7 shanks 7-7	35 20-50
Moldboard Plow:						
<u>Heavy draft, break sod - toughest</u>	\$/A	\$12.00 12.00-12.00	\$26.28 12.00-38.00	188HP 150-225	6 bottoms 4-10	33 20-50
<u>Heavy draft, turn old alfalfa</u>	\$/A	\$12.00 12.00-12.00	\$22.13 12.00-35.00	173HP 150-220	5 bottoms 4-10	37 20-50
<u>Heavy draft, plow only - deep</u>	\$/A	\$25.00 25.00-25.00	\$23.92 20.00-32.50	216HP 150-300	6 bottoms 5-10	49 30-75
<u>Heavy draft, plow, inject nematicide</u>	\$/A	U/A	\$18.00 18.00-18.00	U/A	U/A	U/A
<u>Light draft, plow only</u>	\$/A	\$20.00 20.00-20.00	\$21.58 18.00-31.50	191HP 110-300	6 bottoms 4-10	41 20-75
Chisel Plow:						
<u>Heavy draft, 10" deep</u>	\$/A	\$45.00 45.00-45.00	\$18.63 9.00-25.00	184HP 155-220	13 feet 10-15	60 35-85
<u>Light draft, 10" deep</u>	\$/A	\$26.00 12.00-40.00	\$17.50 15.00-20.00	225HP 155-300	22 feet 10-41	150 150-150
Roller Harrow:						
<u>Plowed ground</u>	\$/A	\$20.00 15.00-25.00	\$13.00 10.00-20.00	176HP 130-225	20 feet 10-33	98 50-150
<u>Second time over</u>	\$/A	\$17.50 15.00-20.00	\$8.64 5.00-11.00	176HP 130-225	20 feet 10-33	108 50-150
<u>To corrugate small grains</u>	\$/A	U/A	\$10.38 10.00-11.50	138HP 125-150	17 feet 15-18	100 50-150
Tool Bar: Corrugation	\$/A	U/A	\$9.33 8.00-10.00	100HP 100-100	12 feet 12-12	50 50-50
Disk:						
<u>Tandem, toughest conditions</u>	\$/A	\$30.00 15.00-45.00	\$13.00 10.00-15.00	188HP 150-250	20 feet 10-30	95 50-125
<u>Tandem, stubble</u>	\$/A	\$25.00 10.00-40.00	\$9.00 6.50-10.00	180HP 125-250	21 feet 10-28	90 70-120
<u>Double offset, large fields</u>	\$/A	\$25.00 10.00-40.00	\$13.33 10.00-20.00	195HP 150-250	20 feet 10-31	85 50-120
<u>Double offset, disk sod, 38" disks</u>	\$/A	\$55.00 55.00-55.00	\$8.00 8.00-8.00	243HP 225-260	23 feet 14-31	110 110-110
Level (float): Minimum dirt moved	\$/A	U/A	\$13.40 10.00-20.00	158HP 100-225	21 feet 15-24	70 50-90
Chisel:						
<u>Points, 6 to 8" deep</u>	\$/A	\$10.00 10.00-10.00	\$10.00 10.00-10.00	230HP 210-250	34 feet 27-41	125 100-150
<u>Sweeps, 6 to 8" deep</u>	\$/A	\$10.00 10.00-10.00	\$8.17 6.50-10.00	250HP 250-250	41 feet 41-41	150 150-150
<u>With rodweeder, 6 to 8" deep</u>	\$/A	\$12.00 12.00-12.00	\$9.50 7.50-12.00	250HP 250-250	41 feet 41-41	150 150-150
Field Cultivate: Depth, 6"	\$/A	\$10.00 10.00-10.00	\$9.25 8.50-10.00	250HP 250-250	32 feet 30-33	150 150-150
Rodweeder: Fallow land	\$/A	\$10.00 10.00-10.00	\$8.00 8.00-8.00	250HP 250-250	30 feet 30-30	150 150-150

* Average rate reported/range of rates reported – Highlighted items are 1998-99 values.

CUSTOM TILLAGE (continued)	Rate for dryland areas*	Rate for irrigated areas*	Size of power unit*	Size of implement*	Acres per 10 hours*
Land Plane: _____ \$/A	\$6.00 6.00-6.00	\$11.17 6.00-15.00	165HP 150-200	17 feet 14-24	92 40-160
Cultivate Corn: _____ \$/A	U/A	\$7.00 6.00-8.00	150 HP 125-175	7 rows 6-8	40 40-40
Corrugate: _____ \$/A	U/A	\$12.33 12.00-13.00	100HP 100-100	12 feet 12-12	50 50-50
Cultivate Beans: _____ \$/A	U/A	\$8.00 8.00-8.00	130HP 130-130	8 Rows 8-8	120 120-120
Cultivate Beets: Early cultivation _____ \$/A	U/A	\$10.00 10.00-10.00	130HP 130-130	8 rows 8-8	100 100-100
Cultivate Beans: Late cultivation _____ \$/A	U/A	\$8.00 8.00-8.00	130HP 130-130	8 rows 8-8	150 150-150
Noble Blade: Depth, 4 to 6" _____ \$/A	\$15.00 15.00-15.00	U/A	300HP 300-300	33 feet 33-33	150 150-150
Rototilling: Depth, 4 to 6" _____ \$/A	U/A	\$25.00 25.00-25.00	150HP 150-150	10 feet 10-10	U/A

CUSTOM PLANTING (Application ONLY, NO materials)	Rate for dryland areas*	Rate for irrigated areas*	Size of power unit*	Size of implement*	Acres per 10 hours*
Prepare Seed Bed and Plant: <u>Plow, roller harrow, level corrugate, and drill</u> _____ \$/A	\$66.00 66.00-66.00	\$64.80 14.00-100.00	164HP 80-225	U/A	45 45-45
Plant Grains: <u>Barley/oats/wheat (no materials)</u> _____ \$/A	\$11.00 10.00-12.00	\$11.94 8.00-17.50	140HP 90-250	23 feet 12-50	129 38-250
Plant Grass: <u>Mixed grasses (CRP Acres)</u> _____ \$/A	\$20.00 20.00-20.00	\$12.00 12.00-12.00	150HP 150-150	24 feet 24-24	80 80-80
Plant Corn: <u>Plant only</u> _____ \$/A	U/A	\$13.00 13.00-13.00	155HP 130-180	8 rows 8-8	70 10-150
<u>Plant plus one chemical</u> _____ \$/A	\$11.00 11.00-11.00	\$12.67 11.00-14.00	157HP 130-180	9 rows 8-12	100 100-100
<u>Plant plus two chemicals</u> _____ \$/A	U/A	\$15.00 15.00-15.00	130HP 130-130	8 rows 8-8	U/A
Plant Beans: <u>Plant only</u> _____ \$/A	U/A	\$14.00 14.00-14.00	145HP 130-160	10 rows 8-12	80 80-80
<u>Plant plus two chemicals</u> _____ \$/A	U/A	\$16.00 16.00-16.00	130HP 130-130	8 rows 8-8	U/A
Plant Sugar Beets: <u>Plant only</u> _____ \$/A	U/A	\$18.25 14.00-22.50	130HP 130-130	8 rows 8-8	U/A
<u>Plant plus two chemicals</u> _____ \$/A	U/A	\$16.00 16.00-16.00	130HP 130-130	8 rows 8-8	U/A
Ridge: Apply two chemicals _____ \$/A	U/A	\$22.50 22.50-22.50	30HP 30-30	12 rows 12-12	100 100-100

* Average rate reported/range of rates reported – Highlighted items are 1998-99 values.

FERTILIZER APPLICATORS (Application ONLY, NO materials)

		Dryland areas*	Irrigated areas*
Dry Fertilizer:		\$8.33	\$6.70
Self-propelled unit, rig rent only	\$/A	0.00-25.00	0.00-25.00
Truck spreader, dealer applies	\$/A	\$3.55	\$3.71
		3.00-4.00	3.00-4.50
Self-propelled flotation unit, dealer applies	\$/A	\$4.05	\$3.92
		3.25-5.00	2.00-5.00
Liquid Fertilizer:		\$0.00	\$0.00
Pull-type sprayer, rig rent only	\$/A	0.00-0.00	0.00-0.00
Truck sprayer, dealer applies	\$/A	U/A	\$4.50
			4.00-5.00
Self-propelled floatation unit, dealer applies	\$/A	\$4.00	\$4.25
		3.50-4.50	3.50-5.00
Spray on fertilizer and incorporate	\$/A	U/A	\$6.50
			6.50-6.50
Shank in Anhydrous:		\$0.50	\$1.50
Rig rent only	\$/A	0.00-1.00	0.00-3.50
Tractor, rig, and operator	\$/A	\$6.00	\$6.00
		6.00-6.00	6.00-6.00
Sidedress, complete job	\$/A	\$6.00	\$6.00
		6.00-6.00	6.00-6.00
Spray on herbicide with disk incorporate	\$/A	\$8.00	\$8.00
		8.00-8.00	8.00-8.00
Shank in Liquid Fertilizer and Fumigant:		\$0.50	\$0.50
Rig rent only	\$/A	0.00-1.00	0.00-1.00
Rig and operator	\$/A	\$6.00	\$6.00
		6.00-6.00	6.00-6.00
Tank and Injector Pump (Irrigation Systems):		\$0.00	\$162.50
Rent for season	\$/Season	0.00-0.00	0.00-325.00
Rent per ton of fertilizer	\$/T	\$10.00	\$10.00
		0.00-20.00	0.00-20.00
Rent for pump only	\$/Season	\$0.00	\$162.50
		0.00-0.00	0.00-325.00
Delivery: Varies by distance to location	\$/T	U/A	\$4.00
			4.00-4.00

CHEMICAL APPLICATORS (Application ONLY, NO materials)

		Dryland areas*	Irrigated areas*
Ground Spraying Operations:		\$4.07	\$4.10
Herbicide, pre or postemergence	\$/A	2.00-5.00	2.00-5.00
Herbicide, application and incorporation	\$/A	\$4.67	\$4.75
		3.50-6.50	3.50-6.50
Insecticide, application only	\$/A	\$3.75	\$3.80
		2.00-5.50	2.00-5.50
Truck, sprayer, two men, roadsides, ditches	\$/Hour	\$35.00	\$33.33
		10.00-50.00	10.00-50.00
Ground rig rental, pull type	\$/A	U/A	U/A

* Average rate reported/range of rates reported - Highlighted items are 1998-99 values.

CHEMICAL APPLICATORS (Application ONLY, NO materials) continued

		Dryland areas*	Irrigated areas*
Aerial Spraying Operations - Fixed Wing Aircraft:		\$4.47	\$4.89
<u>Herbicide, insecticide, fungicides, defoliant – 1-gallon carrier/acre</u>	\$/A	4.10-5.00	4.25-6.00
<u>Herbicide, insecticide, fungicides, defoliant – 2-gallon carrier/acre</u>	\$/A	\$4.93 4.30-5.50	\$5.42 4.85-6.25
<u>Herbicide, insecticide, fungicides, defoliant – 3-gallon carrier/acre</u>	\$/A	\$5.40 4.70-6.00	\$5.99 5.50-6.45
<u>Herbicide, insecticide, fungicides, defoliant – 5-gallon carrier/acre</u>	\$/A	\$6.53 5.10-7.50	\$7.47 6.85-8.00
Spray sagebrush:		\$7.82	U/A
<u>Guarantee kill, 80% diesel carrier, up to 249 acres</u>	\$/A	4.30-14.98	U/A
<u>Guarantee kill, 80% diesel carrier, 250 to 499 acres</u>	\$/A	\$8.71 5.75-14.63	U/A
<u>Guarantee kill, 80% diesel carrier, 500 to 749 acres</u>	\$/A	\$8.46 5.50-14.38	U/A
<u>Guarantee kill, 80% diesel carrier, 750 to 1,000 acres</u>	\$/A	\$7.98 5.00-13.95	U/A
<u>Guarantee kill, 80% diesel carrier, more than 1,000 acres</u>	\$/A	\$7.78 4.75-13.85	U/A
<u>Guarantee kill, 70% water carrier, up to 199 acres</u>	\$/A	\$6.00 6.00-6.00	U/A
<u>Guarantee kill, 70% water carrier, 200 to 399 acres</u>	\$/A	\$5.75 5.75-5.75	U/A
<u>Guarantee kill, 70% water carrier, 400 to 599 acres</u>	\$/A	\$5.50 5.50-5.50	U/A
<u>Guarantee kill, 70% water carrier, 600 to 799 acres</u>	\$/A	\$5.25 5.25-5.25	U/A
<u>Guarantee kill, 70% water carrier, 800 to 1,000 acres</u>	\$/A	\$5.00 5.00-5.00	U/A
<u>Guarantee kill, 70% water carrier, more than 1,000 acres</u>	\$/A	\$4.75 4.75-4.75	U/A
<u>Insect control- mosquitoes and leaf hoppers, low volume</u>	\$/A	\$2.13 1.00-3.00	\$3.00 3.00-3.00
<u>Insect control- mosquitoes and leaf hoppers, large jobs by bid</u>	\$/A	\$1.08 1.00-1.25	\$1.00 1.00-1.00
<u>Insect control- grasshoppers</u>	\$/A	\$1.91 1.00-4.25	\$5.25 5.25-5.25
<u>Spray farmsteads, several farmsteads per trip</u>	\$/Farmstead	\$86.67 75.00-110.00	\$100.00 100.00-100.00
<u>Custom charter- pilot and plane, large aircraft</u>	\$/Hour	\$185.00 185.00-185.00	U/A
<u>Custom charter- pilot and plane, medium aircraft</u>	\$/Hour	\$140.00 140.00-140.00	U/A
<u>Custom charter- pilot and plane, small aircraft</u>	\$/Hour	\$123.33 85.00-185.00	\$75.00 75.00-75.00
<u>Custom charter- pilot and plane</u>	\$/Air Mile	\$0.75 0.75-0.75	U/A

* Average rate reported/range of rates reported – Highlighted items are 1998-99 values.

CONTRACT CROP LABOR

Weeding Operations:	
Beets, owner supplies hoes	\$/A
Beans, owner supplies hoes	\$/A
Thinning Operations:	
Beets, owner supplies hoes	\$/A

Dryland areas*	Irrigated areas*
U/A	\$21.63 9.00-40.00
U/A	U/A
U/A	\$40.00 40.00-40.00

MACHINERY AND EQUIPMENT RENTAL

Tractor Rental:	
40-60 HP tractor only	\$/Hour
	\$/HP-hour
70-90 HP tractor only	\$/Hour
	\$/HP-hour
100-125 HP tractor only	\$/Hour
	\$/HP-hour
130-150 HP tractor only	\$/Hour
	\$/HP-hour
160-200 HP tractor only	\$/Hour
	\$/HP-hour
Over 200 HP tractor only	\$/Hour
	\$/HP-hour
Equipment Rental:	
Moldboard plow, two-way, 4-18"	\$/A
Switch plow, 5-18"	\$/A
Disk, tandem, 25'	\$/A
Field cultivator, 25'	\$/A
Roller harrow, 25'	\$/A
Land plane, pull type, 20'	\$/A
Grain drill, 24'	\$/A
Swather, self-propelled, 14'	\$/Hour
Round baler, 1,000 pounds	\$/Bale
Combine, 180 Bu, 24' header	\$/Hour

Dryland areas*	Irrigated areas*
\$8.83 8.00-9.50	\$20.07 10.20-25.00
\$0.18 0.17-0.20	\$0.17 0.17-0.17
\$22.00 22.00-22.00	\$21.95 15.00-30.00
\$0.18 0.17-0.20	\$0.17 0.17-0.17
\$24.00 24.00-24.00	\$27.06 21.25-35.00
\$0.18 0.17-0.20	\$0.17 0.17-0.17
\$20.00 15.00-22.50	\$34.33 25.50-45.00
\$0.18 0.17-0.20	\$0.17 0.17-0.17
\$23.75 16.00-29.25	\$34.50 34.00-35.00
\$0.17 0.15-0.20	\$0.17 0.17-0.17
\$50.00 50.00-50.00	\$49.00 48.00-50.00
\$0.18 0.17-0.20	\$0.18 0.17-0.20
U/A	\$8.00 8.00-8.00
U/A	\$8.00 8.00-8.00
\$7.00 7.00-7.00	\$8.00 8.00-8.00
U/A	\$8.75 5.00-12.50
\$8.00 8.00-8.00	\$8.00 8.00-8.00
U/A	\$7.00 7.00-7.00
\$10.00 10.00-10.00	\$12.00 12.00-12.00
\$8.00 8.00-8.00	\$27.00 9.00-45.00
\$6.75 5.50-8.00	\$4.25 4.00-4.50
\$95.00 85.00-100.00	\$100.00 100.00-100.00

* Average rate reported/range of rates reported – Highlighted items are 1998-99 values.

CUSTOM HARVESTERS	Rate for dryland areas*	Rate for irrigated areas*	Size of power unit*	Size of implement*	Acres per 10 hours*
Hay Harvesting:	\$9.00	\$12.90	85HP	14 feet	55
Swath only, with conditioner \$/A	8.00-10.00	9.00-20.00	70-100	12-16	30-100
Small square bales - Farm Areas:	\$0.30	\$0.35	98HP	14X18 -	34
Bale only, includes wire/twine \$/Bale	0.30-0.30	0.30-0.50	80-115	16X18	15-30
Bale only, includes wire/twine \$/T	U/A	\$13.50 12.00-15.00	98HP 80-115	14X18 - 16X18	34 15-30
Swath, bale and stack, includes wire \$/T	\$37.00 37.00-37.00	\$40.00 35.00-45.00	105HP 100-110	14X18X37	40 40-40
Stack only, in field or short hauls \$/Bale	\$0.25 0.25-0.25	\$0.30 0.24-0.35	125HP 100-150	69 bales	15 10-20
Small square bales - Ranch Areas:	\$0.40	\$0.58	U/A	16X18	U/A
Bale only, includes wire/twine \$/Bale	0.40-0.40	0.40-0.85	U/A	16X18	U/A
Bale only, includes wire/twine \$/T	U/A	\$19.25 16.50-22.00	100HP 100-100	16X18	U/A
Swath, bale and stack, includes wire \$/T	\$37.00 37.00-37.00	\$46.50 45.00-48.00	100HP 100-100	14X18X37	40 40-40
Stack only, in field or short hauls \$/Bale	\$0.35 0.35-0.35	\$0.43 0.35-0.50	U/A	14X18X37	U/A
Round bales, includes twine:	\$13.50	\$12.75	140HP	5 ft wide -	350
Bale only, 1,000-1,200# bales \$/T	7.00-20.00	6.00-22.00	130-150	6 ft diameter	350-350
Combine two windrows and bale \$/T	\$16.70 16.70-16.70	\$19.00 19.00-19.00	U/A	U/A	U/A
Swath, bale and stack, includes twine, short hauls \$/T	\$28.00 28.00-28.00	\$45.00 45.00-45.00	U/A	U/A	U/A
Stack only, short hauls \$/T	\$4.25 4.25-4.25	\$10.00 10.00-10.00	U/A	U/A	U/A
Big rectangular bales, includes wire:	\$12.25	\$12.67	225HP	1 Ton	110
Bale only \$/T	12.00-12.50	11.00-15.00	225-225	1-1	70-150
Combine two windrows and bale \$/T	\$12.00 12.00-12.00	\$11.00 11.00-11.00	225HP 225-225	1 Ton 1-1	110 70-150
Swath, bale and stack, short hauls \$/T	\$30.00 30.00-30.00	\$28.00 28.00-28.00	225HP 225-225	1 Ton 1-1	125 100-150
Stack only, short hauls \$/T	\$4.25 3.50-5.00	\$5.38 3.00-10.00	U/A	U/A	U/A
Cube hay:	U/A	\$25.50 23.50-28.00	212HP 212-212	U/A	20 20-20
Cube from windrow, owner hauls \$/T	U/A	\$28.00 27.50-28.50	U/A	U/A	U/A
Chop hay:	U/A	\$45.00 45.00-45.00	350HP 350-350	16 feet 16-16	40 40-40
Chop only, dry hay, owner hauls \$/T	U/A	\$8.00 8.00-8.00	U/A	U/A	U/A
Swath, chop, short haul, 70% moist \$/T	U/A	\$6.00 6.00-6.00	450HP 450-450	16 feet 16-16	40 40-40
Green chop and short haul \$/T	U/A	\$5.00 5.00-5.00	U/A	U/A	150 150-150
Loose hay:	U/A	\$5.00 5.00-5.00	U/A	U/A	150 150-150
Swath, rake, sweep and stack \$/T	U/A	\$5.00 5.00-5.00	U/A	U/A	150 150-150

* Average rate reported/range of rates reported – Highlighted items are 1998-99 values.

CUSTOM HARVESTERS (continued)	Rate for dryland areas*	Rate for irrigated areas*	Size of power unit*	Size of implement*	Acres per 10 hours*
Small-Grain Harvesting:	\$8.00	\$13.13	80HP	17 feet	75
Swath, highest rates for small jobs \$/A	8.00-8.00	8.00-20.00	70-90	12-21	50-100
Thresh, barley/wheat/oats, low yield \$/A	\$14.50 12.00-20.00	\$18.58 12.00-27.50	157HP 70-240	25 feet 20-30	65 10-100
Thresh, barley/wheat/oats, high yield \$/A	\$15.33 12.00-20.00	\$21.44 12.00-30.00	165HP 70-240	21 feet 14-25	62 20-80
Bale straw, small squares, includes wire \$/A	\$6.00 6.00-6.00	\$21.50 13.00-30.00	100HP 100-100	14X18	U/A
Bale straw, large rectangular, includes wire\$/A	\$10.00 10.00-10.00	\$15.00 10.00-25.00	U/A	U/A	U/A
Stack straw, small square bales \$/T	\$10.00 10.00-10.00	\$15.00 15.00-15.00	110HP 110-110	U/A	U/A
Haul barley/wheat/oats, up to 12 miles \$/T	\$5.00 4.00-6.00	\$5.00 5.00-5.00	U/A	U/A	U/A
Dry-Bean Harvesting, owner hauls:	U/A	\$20.00 20.00-20.00	145HP 130-160	6 row 6-6	60 60-60
Cut and rodweed \$/A	U/A	\$0.70 0.70-0.70	130HP 130-130	6 row 6-6	U/A
Thresh from windrows \$/Cwt	U/A	\$0.70 0.70-0.70	130HP 130-130	6 row 6-6	U/A
Sugar-Beet Harvesting:	\$5.00 5.00-5.00	\$45.50 3.50-87.50	130HP 130-130	4 row 4-4	U/A
Top/lift/load/short hauls \$/T	U/A	\$2.53 2.00-3.50	U/A	18 feet 18-18	U/A
Haul only, short hauls \$/T	U/A	\$2.55 2.10-3.00	U/A	18 feet 18-18	U/A
Haul only, longer hauls \$/T	U/A	\$3.98 3.10-5.50	278HP 275-280	5 row 4-6	16 16-16
Corn Harvesting, owner hauls and packs:	U/A	\$3.53 1.25-4.75	365HP 280-450	5 row 4-6	11 6-16
Chop only, owner hauls and packs \$/T	U/A	\$3.04 2.88-3.20	U/A	18 feet 18-18	U/A
Chop and short haul, owner packs \$/T	U/A	U/A	U/A	U/A	U/A
Haul silage to pit, 5-10 miles \$/T	U/A	\$23.75 22.00-25.00	188HP 150-225	8 row 8-8	13 7-25
Pick grain with dump wagon \$/A	U/A	\$18.00 3.00-26.00	225HP 225-225	8 row 8-8	16 7-25
Thresh only, owner hauls \$/A	U/A				
Thresh and short haul \$/T	U/A				

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CUSTOM HAULING

		Dryland areas*	Irrigated areas*
Hay Hauling:			
<u>Small square bales:</u>			
<u>Under 50 miles</u>	\$/T	\$22.50 15.00-30.00	\$20.00 15.00-30.00
<u>50-100 miles</u>	\$/T	\$17.33 2.00-30.00	\$22.50 20.00-30.00
<u>Semi-truck and trailer</u>	\$/T	\$30.00 30.00-30.00	\$26.50 23.00-30.00
<u>Large rectangular bales:</u>			
<u>Under 50 miles</u>	\$/T	\$18.50 12.00-25.00	\$15.67 10.00-25.00
<u>50-100 miles</u>	\$/T	\$21.00 17.00-25.00	\$19.67 17.00-25.00
<u>Semi-truck and trailer</u>	\$/Loaded-mile	\$8.00 1.15-25.00	5.81 1.15-25.00
<u>Hay cubes:</u>			
<u>Under 50 miles</u>	\$/Loaded-mile	\$5.25 3.50-7.00	\$5.25 3.50-7.00
<u>50-100 miles</u>	\$/Loaded-mile	\$2.75 2.75-2.75	\$2.48 2.20-2.75
<u>Straw bales, any type:</u>			
<u>Under 50 miles</u>	\$/Loaded-mile	\$3.75 3.50-4.00	\$3.33 2.50-4.00
<u>50-100 miles</u>	\$/Loaded-mile	\$3.13 2.75-3.50	\$2.74 2.20-3.50
Small-Grain Hauling:			
<u>Tandem axle, under 10 miles</u>	\$/Loaded-mile	\$0.63 0.50-0.75	\$0.63 0.50-0.75
<u>Tandem axle, 10-20 miles</u>	\$/Bushel	\$0.19 0.12-0.25	\$0.19 0.12-0.25
<u>Semi-truck and trailer, under 50 miles</u>	\$/Loaded-mile	\$2.38 2.00-3.50	\$2.38 2.00-3.50
<u>Semi-truck and trailer, over 50 miles</u>	\$/Loaded-mile	\$2.04 1.20-2.75	\$2.07 1.20-2.75
Sugar-Beet Re-Hauling:			
<u>10-49 miles</u>	\$/T	\$3.50 3.50-3.50	\$3.50 3.50-3.50
<u>50-100 miles</u>	\$/T	\$11.00 11.00-11.00	U/A
Corn Silage Hauling: Short hauls	\$/T	\$7.50 7.50-7.50	\$3.31 1.75-7.50
Trucks with Drivers: Tandem axle, beets, silage, or haylage	\$/Hour	U/A	\$50.00 50.00-50.00
Livestock Hauling: Within Wyoming	\$/Loaded-mile	\$3.68 2.25-6.50	\$3.68 2.25-6.50

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CUSTOM FEEDING

		Dryland areas*	Irrigated areas*
Cattle Feeding - Calves Less Than 600 Pounds:			
<u>Charge for feed</u>	\$/Pound Gain	\$0.50 0.50-0.50	\$0.555 0.55-0.56
<u>Charge for veterinary services and medicine</u>	\$/Pound Gain	\$0.0275 0.0275-0.0275	\$0.0275 0.0275-0.0275
<u>Yardage/processing charges</u>	\$/Day	\$0.25 0.25-0.25	\$0.25 0.25-0.25
<u>Total charge</u>	\$/Pound Gain	\$0.90 0.90-0.90	\$0.90 0.90-0.90
Cattle Feeding - Feeders Over 600 Pounds:			
<u>Charge for feed</u>	\$/Pound Gain	\$0.42 0.42-0.42	\$0.485 0.42-0.55
<u>Charge for veterinary services and medicine</u>	\$/Pound Gain	\$0.0275 0.0275-0.0275	\$0.0275 0.0275-0.0275
<u>Yardage/processing charges</u>	\$/Day	\$0.25 0.25-0.25	\$0.25 0.25-0.25
Winter Range-Type Cows:			
<u>Charge for feed</u>	\$/Head	U/A	\$1.00 1.00-1.00
<u>Charge for calving</u>	\$/Head	\$25.00 25.00-25.00	\$25.00 25.00-25.00
<u>Charge for veterinary services and medicine</u>	\$/Head	U/A	\$0.0275 0.0275-0.0275
Winter Range-Type Heifers:			
<u>Charge for feed</u>	\$/Head	\$0.60 0.60-0.60	\$0.85 0.85-0.85
<u>Charge for calving</u>	\$/Head	U/A	\$30.00 30.00-30.00
<u>Charge for veterinary services and medicine</u>	\$/Head	U/A	\$0.0275 0.0275-0.0275

LABORATORY ANALYSIS

		Dryland areas*	Irrigated areas*
Soil Tests:			
<u>Nematode count</u>	\$/Sample	U/A	\$15.00 15.00-15.00
<u>Basic N-P-K analysis</u>	\$/Sample	U/A	\$18.33 15.00-20.00
<u>Basic plus minor elemental analysis</u>	\$/Sample	U/A	\$28.00 26.00-30.00
<u>Elements, pH, organic matter, soluble salts, texture, CEC</u>	\$/Sample	U/A	\$30.00 30.00-30.00
<u>Plant Tissue: complete analysis</u>	\$/Sample	U/A	U/A
Feed/Roughage Analysis:			
<u>Moisture, phosphorus, calcium, crude protein</u>	\$/Sample	\$17.83 13.50-25.00	\$14.50 14.00-15.00
<u>Complete analysis</u>	\$/Sample	\$25.00 25.00-25.00	\$19.25 13.50-25.00

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AUCTION YARD

	Feed* \$/Head	Health* \$/Head	Brand inspect* \$/Head	Insur- ance* \$/Head	Com- mission* \$/Head	Yard- age* \$/Head	Check- off* \$/Head	Total cost* \$/Head
Calves under 300 pounds	\$0.93 0.50-1.50	\$0.22 0.20-0.25	\$0.80 0.40-1.00	\$0.16 0.13-0.22	\$6.95 3.00-9.25	\$1.00 1.00-1.00	\$1.00 1.00-1.00	\$5.98 5.00-6.95
Cattle over 300 pounds	\$1.50 1.00-2.50	\$0.22 0.20-0.25	\$0.80 0.40-1.00	\$0.16 0.13-0.22	\$7.50 4.00-10.00	\$1.30 1.00-2.50	\$1.00 1.00-1.00	\$7.73 6.95-8.50
Regist- ered bulls	\$2.07 1.00-3.00	\$0.22 0.20-0.25	\$0.80 0.40-1.00	\$0.13 0.05-0.22	\$31.50 13.00-60.00	\$1.80 1.00-4.00	\$1.00 1.00-1.00	\$27.50 25.00-30.00
Beef bulls	\$2.07 1.00-3.00	\$0.22 0.20-0.25	\$0.80 0.40-1.00	\$0.16 0.13-0.22	\$16.50 10.00-20.00	\$1.80 1.00-4.00	\$1.00 1.00-1.00	\$16.50 15.00-18.00
Cows	\$1.75 1.00-3.00	\$0.48 0.20-1.00	\$0.53 0.20-1.00	\$0.16 0.13-0.22	\$12.21 6.50-22.50	\$1.40 1.00-3.00	\$1.00 1.00-1.00	\$9.96 8.85-11.50
Stock- bred cows	\$1.50 1.00-2.00	\$0.20 0.20-0.20	\$1.00 1.00-1.00	\$0.13 0.13-0.13	\$15.25 1.40-16.50	\$1.00 1.00-1.00	\$1.00 1.00-1.00	\$12.95 12.00-13.90
Cow/ calf pairs	\$1.50 1.00-2.00	\$0.20 0.20-0.20	\$1.00 1.00-1.00	\$0.13 0.13-0.13	\$17.75 17.50-18.00	\$1.00 1.00-1.00	\$1.00 1.00-1.00	\$16.38 15.00-17.75
Breeding hogs	\$1.01 0.50-2.00	\$0.018 0.15-0.20	\$1.00 1.00-1.00	\$0.18 0.13-0.22	\$6.00 2.00-9.00	\$0.67 0.50-1.00		\$5.00 5.00-5.00
Market hogs	\$1.01 0.50-2.00	\$0.18 0.15-0.20	\$1.00 1.00-1.00	\$0.18 0.13-0.22	\$3.58 2.00-4.75	\$0.67 0.50-1.00		\$3.50 3.25-3.75
Sheep	\$0.52 0.30-1.00	\$0.15 0.10-0.20	\$0.47 0.20-1.00	\$0.15 0.07-0.22	\$2.38 1.25-3.00	\$0.67 0.50-1.00		\$2.00 1.75-2.50
Horses	\$2.55 1.00-3.00	\$0.60 0.20-1.00	\$1.00 1.00-1.00	\$0.18 0.13-0.22	\$9.00 3.00-14.00	\$3.00 1.00-5.00		U/A

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CUSTOM SHEARING

		Dryland areas*	Irrigated areas*
Farm Flocks:		\$2.40	\$2.50
Shear ewes, owner ties and bags	\$/Head	2.30-2.50	2.50-2.50
Shear rams, owner ties and bags	\$/Head	\$5.00	\$5.00
		5.00-5.00	5.00-5.00
Shear ewes, tie and bag	\$/Head	\$2.50	\$2.50
		2.50-2.50	2.50-2.50
Shear rams, tie and bag	\$/Head	\$5.00	\$5.00
		5.00-5.00	5.00-5.00
Shear feedlot lambs, tie and bag	\$/Head	\$1.78	\$1.75
		1.75-1.80	1.75-1.75
Range Operations:		\$2.25	\$2.25
Shear ewes, owner ties and bags	\$/Head	2.25-2.25	2.25-2.25
Shear rams, owner ties and bags	\$/Head	\$4.50	\$4.50
		4.50-4.50	4.50-4.50
Shear ewes, tie and bag	\$/Head	\$2.50	\$2.50
		2.50-2.50	2.50-2.50
Shear rams, tie and bag	\$/Head	\$5.00	\$5.00
		5.00-5.00	5.00-5.00
Shear Lambs: _____	\$/Head	\$1.75	\$1.75
		1.75-1.75	1.75-1.75
Tag Ewes: _____	\$/Head	\$0.75	\$0.75
		0.75-0.75	0.75-0.75

FEED PROCESSORS (Process ONLY, NO materials included)

		Dryland areas*	Irrigated areas*
Grind Hay:		\$4.00	\$10.00
Tractor plus tub-grinder, operator, hay owner feeds grinder	\$/T	4.00-4.00	10.00-10.00
Tractor plus tub-grinder and operator, loader tractor and operator	\$/T	U/A	\$10.00
			10.00-10.00
Grinder only	\$/T	U/A	U/A
Cubes into Range Cake:		\$30.00	U/A
Bulk processing	\$/T	30.00-30.00	
Sacked, includes paper sack	\$/T	\$20.00	U/A
		20.00-20.00	
Alfalfa Pelletting: bulk processing	\$/T	U/A	U/A
Small Grains:		\$30.00	\$20.00
Steam and roll, bulk processing	\$/T	30.00-30.00	20.00-20.00
Grind, bulk processing	\$/T	\$30.00	\$20.00
		30.00-30.00	20.00-20.00

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SEED CLEANERS

		Dryland areas*	Irrigated areas*
Barley, Wheat, or Oats:		\$1.00	\$1.38
Clean only, bulk processing	\$/Hundredweight	1.00-1.00	0.75-2.00
Clean and sack, includes sacks	\$/Hundredweight	\$1.00	\$2.50
		1.00-1.00	2.50-2.50
Clean and treat, bulk processing	\$/Hundredweight	\$2.50	\$3.50
		2.00-3.00	3.50-3.50
Clean, treat, and sack, includes sacks	\$/Hundredweight	\$3.13	\$4.00
		2.00-4.25	4.00-4.00
Dry Beans:		U/A	\$3.00
Clean, bulk processing	\$/Hundredweight		3.00-3.00
Clean and sack, includes sacks	\$/Hundredweight	U/A	\$3.00
			3.00-3.00
Grass Seed: Cleaning, based on "uncleaned" weight	\$/Hundredweight	U/A	U/A

CUSTOM STORAGE

		Dryland areas*	Irrigated areas*
Barley or Wheat:		\$0.0010	\$0.0010
By the day	\$/Bushel/Day	0.0010-0.0010	0.0010-0.0010
By the month	\$/Bushel/Month	\$0.0100	\$0.0500
		0.0100-0.0100	0.0500-0.0500
Dry Beans:		U/A	\$0.0750
By the month	\$/Hundredweight/Day		0.0500-0.1000

WELDING SERVICES

		Dryland areas*	Irrigated areas*
"In-Shop" Welding Jobs:		\$36.67	\$40.00
Small to medium jobs	\$/Hour	10.00-50.00	30.00-50.00
Large jobs	\$/Hour	\$40.00	\$40.00
		25.00-50.00	25.00-50.00
"In-the-Field" Welding Jobs:		\$52.20	\$52.20
Small to medium jobs	\$/Hour	35.00-75.00	35.00-75.00
Large jobs	\$/Hour	\$56.50	\$56.50
		45.00-75.00	45.00-75.00

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EXCAVATION WORK

		Dryland areas*	Irrigated areas*
CAT/Dozer and Operator:		\$50.00	\$50.00
<u>Small machine, up to 50 HP</u>	\$/Hour	35.00-65.00	35.00-65.00
<u>Medium machine, 75 to 150 HP</u>	\$/Hour	\$90.00 60.00-125.00	\$86.25 60.00-125.00
<u>Large machine, over 160 HP</u>	\$/Hour	\$132.00 112.00-152.00	\$132.00 112.00-152.00
Power Unit, Scraper, and Operator:		\$78.33	\$78.33
<u>Small machine, up to 9 cubic yards</u>	\$/Hour	75.00-85.00	75.00-85.00
<u>Medium machine, 10 to 15 cubic yards</u>	\$/Hour	\$125.00 125.00-125.00	\$125.00 125.00-125.00
<u>Large machine, over 15 cubic yards</u>	\$/Hour	\$154.00 154.00-154.00	\$154.00 154.00-154.00
Backhoe and Operator:		\$54.17	\$52.14
<u>Small machine</u>	\$/Hour	50.00-65.00	30.00-75.00
<u>Medium machine</u>	\$/Hour	\$56.00 35.00-90.00	\$57.43 35.00-100.00
<u>Large machine</u>	\$/Hour	\$86.33 58.00-126.00	\$86.33 58.00-126.00
Earth Moving: Generally by bid	\$/Yard	\$1.58 1.15-2.00	\$1.58 1.15-2.00
Front Loader and Operator:		\$71.14	\$70.50
<u>Small and medium</u>	\$/Hour	60.00-75.00	60.00-75.00
<u>Large</u>	\$/Hour	\$91.00 60.00-120.00	\$91.00 60.00-120.00
Road Patrol and Operator:		\$81.40	\$81.40
<u>Small to medium</u>	\$/Hour	70.00-102.00	70.00-102.00
<u>Large</u>	\$/Hour	\$75.00 75.00-75.00	\$75.00 75.00-75.00
Dragline and Operator: Small	\$/Hour	\$80.90 65.00-96.80	\$80.90 65.00-96.80
Small CAT/Dozer with Ripper and Operator: To lay water line	\$/Hour	\$55.60 46.20-65.00	\$55.60 46.20-65.00
Trencher:		\$55.00	\$60.00
<u>Small</u>	\$/Hour	50.00-60.00	60.00-60.00
<u>Medium</u>	\$/Hour	\$77.67 63.00-100.00	\$77.67 63.00-100.00
Tractor, Ditcher, Slip, Form and Operator: Concrete ditches	\$/Hour	U/A	U/A
Winch Truck with Gin Poles:	\$/Hour	\$65.00 60.00-70.00	\$65.00 60.00-70.00

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APIARY SERVICES

		Dryland areas*	Irrigated areas*
Fee Paid to Landlord for Bee Yard:	Gallons of Honey/Bee Yard	3.0 2.0-4.0	4.7 4.0-5.0
Fee Paid to Landlord for Bee Yard:	Pounds of Honey/Bee Yard	48.0 48.0-48.0	36.0 24.0-48.0

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FARRIER SERVICES

		Dryland areas*	Irrigated areas*
Riding Horses:		\$22.00	\$20.67
Trim	\$/Head	15.00-35.00	12.00-35.00
Shoe, includes shoes	\$/Head	\$53.57 40.00-90.00	\$60.00 40.00-90.00
Reset shoes	\$/Head	\$48.00 10.00-90.00	\$61.67 45.00-90.00
Broncs: Shoe, includes shoes	\$/Head	\$55.00 50.00-60.00	\$60.00 60.00-60.00
Draft Horses: Shoe, includes shoes	\$/Head	\$166.67 80.00-300.00	\$190.00 80.00-300.00
Race Horses: Shoe, includes shoes	\$/Head	\$78.75 55.00-110.00	\$82.50 55.00-110.00

CUSTOM FENCING (does not include clearing lines or materials)

		Dryland areas*	Irrigated areas*
Fence Building:		\$32.00	\$32.00
Labor only	\$/Hour	32.00-32.00	32.00-32.00
Wooden braces, steel/wooden posts, four barbed wires (usually by bid):		\$6,960.00	\$6,765.00
Smooth to rolling terrain	\$/Mile	5,000.00-10,560.00	4,500.00-10,560.00
Rough terrain	\$/Mile	\$11,730.00 5,800.00-21,120.00	\$13,706.67 10,000.00-21,120.00
Wooden braces, steel/wooden posts, 36" woven wire (usually by bid):		\$8,875.00	\$8,875.00
Smooth to rolling terrain	\$/Mile	6,800.00-13,200.00	6,800.00-13,200.00
Rough terrain	\$/Mile	\$14,945.00 7,900.00-25,080.00	\$17,293.33 11,800.00-25,080.00
Suspension fence, steel/wooden posts (usually by bid):		\$5,300.00	\$5,300.00
Smooth to rolling terrain	\$/Mile	4,000.00-6,600.00	4,000.00-6,600.00
Rough terrain	\$/Mile	\$11,010.00 7,500.00-14,520.00	\$11,010.00 7,500.00-14,520.00
Fence Repair: Two men, equipment (no materials)	\$/Hour	\$64.00 64.00-64.00	\$64.00 64.00-64.00

MISCELLANEOUS

		Dryland areas*	Irrigated areas*
Load and Spread Manure:		U/A	\$40.00
Load only	\$/Hour		40.00-40.00
Load and short haul	\$/Hour	U/A	\$50.00 50.00-50.00
Snow Removal:	\$/Hour	\$68.33 65.00-75.00	\$75.00 75.00-75.00
Clip with Swather: Conservation reserve seedings	\$/A	\$8.50 5.00-12.00	\$5.00 5.00-5.00
Transplant Trees: Treespade, up to 1,900-pound dirt ball	\$/Hour	U/A	U/A
Auctioneer Services:		U/A	U/A
By the hour	\$/Hour		
Percent of sales	Percentage of Gross Sales	U/A	3.5% 1.0-6.0
Hazardous Waste Clean-Up and Handling:		\$85.00	\$85.00
Includes all materials (usually by bid)	\$/Hour	85.00-85.00	85.00-85.00

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UNIVERSITY OF WYOMING

Senior Editor: Vicki Hamende, College of Agriculture, Office of Communications and Technology
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