# [IJ WYOMING 

# CUSTOM RATES FOR FARM/RANCH OPERATIONS IN WYOMING 1995-96 



## ACKNOWLEDGEMENTS

The authors would like to acknowledge custom operators, farmers, ranchers, and agribusiness personnel who generously provided the time and information necessary for this report.

University of Wyoming Cooperative Extension Service agents in all counties also assisted with the report. They helped identify custom operators for the survey and their contributions are greatly appreciated.

Recognition is also given to Doug Agee, whose hard work and dedication over the years have provided the groundwork for this publication.

## CONTENTS

ITEM PAGE
Introduction ..... 1
Objective ..... 2
Use of Custom Rates ..... 2
Procedure ..... 2
Related Publications ..... 3
Factors Influencing Custom Rates ..... 3
Reported Values ..... 4
Abbreviations ..... 4
Custom Tillage ..... 5
Custom Planting ..... 6
Fertilizer Applicators ..... 7
Chemical Applicators ..... 8
Contract Crop Labor ..... 10
Machinery and Equipment Rental ..... 10
Custom Harvesters ..... 11
Custom Hauling ..... 14
Custom Feeding ..... 15
Auction Yard ..... 16
Custom Shearing ..... 17
Laboratory Analysis ..... 17
Feed Processors ..... 18
Seed Cleaners ..... 18
Apiary Services ..... 18
Excavation Work ..... 19
Welding Services ..... 20
Farrier Services ..... 20
Custom Fencing ..... 21
Miscellaneous ..... 21

# CUSTOM RATES FOR FARM/RANCH OPERATIONS IN WYOMING <br> 1995-96 

John P. Hewlett, Omar Ahmed, and Carl E. Olson ${ }^{1}$

## Introduction

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

Custom work for purposes of this bulletin is defined as contract labor, power units, machinery, equipment, or services performed for a farm/ranch operation. Such custom rates normally include all costs of owning, operating, and performing the custom operation. This includes all machine operator labor, management, interest on equipment
 investments, and operating profits. Additional operation costs for materials--such as seed, chemicals, fertilizers, and twine--and additional labor are not included in the custom rate (unless noted otherwise).

[^0]
## Objective

The objective of this report is to collect, organize, and present operators with current information on rates for farm/ranch custom operations in Wyoming. The purpose is not to evaluate whether or not 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/ranch operators may use listed custom rates as guides in financial planning/budgeting, as well as negotiating charges for work performed for neighbors or others. Lending institutions, government agency personnel, and others preparing budgets or conducting planning activities should also find the listed rates useful as guides. In addition, custom operators may find this publication useful in analyzing their fees.

## Procedure

Custom rates reported in this publication were obtained from custom operators, farmers, ranchers, and various agribusiness firms throughout Wyoming and surrounding states. Data were gathered through a mail survey or telephone interview. Information from more than 160 respondents was obtained and used to generate the custom rates statistics reported. Survey participants were asked to provide the custom rates for either the 1995 or 1996 operating season.

## Related Publications

The University of Wyoming Cooperative Extension Service bulletin and software entitled Wyoming Machinery and Operation Costs provides readers with the data and formulas necessary to calculate ownership and operation costs for farm/ranch machinery and equipment. Comparing the results of calculations derived from this listed publication with reported custom rates 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

1. Neighborliness or friendly work exchange.
2. Location of job in relation to custom operator.
3. Operator's desire to keep equipment working and perhaps cover variable costs, but not necessarily all fixed costs.
4. Use of older equipment, where current investment costs are not reflected in the rate.
5. The farmer/rancher hiring the custom services may pay for some part of the operation costs by indirect means. This might include providing meals, fuel, transportation, some supervision of labor, or other services.
6. Finally, large jobs or a combination of jobs at a common site may receive lower quotes than smaller jobs.

## Higher Rates May Be Influenced By

1. Reports from pure custom operators, or operators using new equipment who are attempting to cover all costs.
2. Setting rates by what the market will bear.
3. Tough jobs requiring extra power, fuel, repairs, labor, and/or repairs will cost more.
4. Conditions such as rocks, irregular fields, rough terrain, or crop differences may all contribute to higher rates.
5. A quoted rate also may be higher than usual due to a shortage of necessary labor or equipment resources for a particular job.
6. Small or low-yielding jobs may raise rates.

## Reported Values

Data gathered from survey participants were entered into an electronic spreadsheet and summary statistics were then calculated. Tables in this report provide a listing of the calculated statistics. Tabled values include the average rate charged, as well as the range of values reported for the operation. For example, the average value for subsoiling in irrigated areas of Wyoming was $\$ 15.75 /$ acre. However, reported rates ranged from $\$ 6.75 /$ acre to $\$ 25 /$ acre. Custom operators unable to find rates reported for operations of interest to them should contact either the local extension agent or one of the authors so that future editions of this bulletin might include such operations.

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 in this report.

| ABBREVIATIONS USED |  |  |
| :---: | :---: | :---: |
| ITEM | ABBREVIATIONS USED | DESCRIPTIONS |
| Machinery and Equipment Rental | HP | Horse Power |
| Laboratory Analysis | N-P-K <br> pH <br> CEC | Nitrogen-Phosphate-Potash <br> Acidity (<7) or Alkalinity (>7), with 7 being neutral <br> Cation Exchange Capacity |
| Miscellaneous | U/A | Unavailable |


| CUSTOM TILLAGE |  | Dryland Areas | Irrigated Areas |
| :---: | :---: | :---: | :---: |
| Subsoiling: 20" deep | \$/Acre | \$30.00 | \$15.75 |
|  |  | 12.00-48.00 | 6.75-25.00 |
| Moldboard Plow: |  | \$19.17 | \$25.50 |
| Heavy draft, break sod - toughest | \$/Acre | 12.00-30.00 | 12.00-35.00 |
| Heavy draft, turn old alfalfa | \$/Acre | \$18.28 | \$22.71 |
|  |  | 12.00-30.00 | 15.00-30.00 |
| Heavy draft, plow only - deep | \$/Acre | $\begin{gathered} \$ 17.83 \\ 15.50-22.00 \end{gathered}$ | \$21.39 |
|  |  |  | 13.00-26.00 |
| Heavy draft, plow, inject nematicide | \$/Acre | U/A | \$18.67 |
|  |  |  | 15.00-25.00 |
| Light draft, plow only | \$/Acre | \$11.83 | $\begin{gathered} \$ 18.15 \\ 10.00-25.00 \end{gathered}$ |
|  |  | 10.00-15.50 |  |
| Chisel Plow: |  | \$14.70 | \$11.50 |
| Heavy draft, 10" deep | \$/Acre | 8.00-35.00 | 8.50-20.00 |
| Light draft, 10" deep | \$/Acre | $\begin{gathered} \$ 12.30 \\ 6.00-30.00 \end{gathered}$ | $\begin{gathered} \$ 9.90 \\ 8.00-15.00 \end{gathered}$ |
|  |  |  |  |
| Roller Harrow: | \$/Acre | \$13.20 | \$10.03 |
| Plowed ground |  | 5.00-30.00 | 5.00-15.00 |
| Second time over | \$/Acre | $\begin{gathered} \$ 5.50 \\ 5.00-6.00 \end{gathered}$ | $\begin{gathered} \$ 8.92 \\ 5.00-13.00 \end{gathered}$ |
|  |  |  |  |
| To corrugate small grains | \$/Acre | $\begin{gathered} \$ 12.00 \\ 12.00-12.00 \end{gathered}$ | $\begin{gathered} \$ 9.79 \\ 5.50-13.00 \end{gathered}$ |
|  |  |  |  |
| Tool Bar: Corrugation | \$/Acre | U/A | $\begin{gathered} \$ 10.20 \\ 8.00-13.00 \end{gathered}$ |
|  |  |  |  |
| Disk: |  | $\begin{gathered} \$ 15.80 \\ 6.00-45.00 \end{gathered}$ | $\begin{gathered} \$ 12.00 \\ 6.00-22.50 \end{gathered}$ |
| Tandem, toughest conditions | \$/Acre |  |  |
| Tandem, stubble | \$/Acre | $\begin{gathered} \$ 10.83 \\ 5.00-30.00 \end{gathered}$ | $\begin{gathered} \$ 10.03 \\ 6.00-22.50 \end{gathered}$ |
|  |  |  |  |
| Double offset, large fields | \$/Acre | $\begin{gathered} \$ 18.50 \\ 6.00-40.00 \end{gathered}$ | $\begin{gathered} \$ 13.00 \\ 6.00-20.00 \end{gathered}$ |
|  |  |  |  |
| Double offset, disk sod, 38" disks | \$/Acre | $\begin{gathered} \$ 21.87 \\ 6.00-50.00 \end{gathered}$ | $\begin{gathered} \$ 6.00 \\ 6.00-6.00 \end{gathered}$ |
|  |  |  |  |
| Level (Float): Minimum dirt moved | \$/Acre | $\begin{gathered} \$ 8.00 \\ 6.00-10.00 \end{gathered}$ | $\begin{gathered} \$ 11.05 \\ 6.00-20.00 \end{gathered}$ |
|  |  |  |  |
| Chisel: |  | $\begin{gathered} \$ 10.21 \\ 5.00-25.00 \end{gathered}$ | $\begin{gathered} \$ 10.17 \\ 8.50-15.00 \end{gathered}$ |
| Points, 6-8" deep | \$/Acre |  |  |
| Sweeps, 6-8" deep | \$/Acre | $\begin{gathered} \$ 7.33 \\ 5.00-8.00 \end{gathered}$ | $\begin{gathered} \$ 8.40 \\ 7.00-10.00 \end{gathered}$ |
|  |  |  |  |


| CUSTOM TILLAGE cont. |  | Dryland Areas | Irrigated Areas |
| :---: | :---: | :---: | :---: |
| Chisel cont.: <br> With rodweeder, 6-8" deep | \$/Acre | $\begin{gathered} \$ 8.63 \\ 7.50-10.00 \end{gathered}$ | $\begin{gathered} \$ 10.17 \\ 7.50-12.00 \end{gathered}$ |
| Field Cultivate: Depth, 6" | \$/Acre | $\begin{gathered} \$ 6.38 \\ 5.00-8.00 \end{gathered}$ | $\begin{gathered} \$ 7.93 \\ 5.00-10.00 \end{gathered}$ |
| Rodweeder: Fallow land | \$/Acre | $\begin{gathered} \$ 5.75 \\ 5.00-8.00 \end{gathered}$ | $\begin{gathered} \$ 5.00 \\ 5.00-5.00 \end{gathered}$ |
| Land Plane: | \$/Acre | U/A | $\begin{gathered} \$ 13.06 \\ 10.00-20.00 \end{gathered}$ |
| Cultivate Corn: | \$/Acre | $\begin{gathered} \$ 6.00 \\ 5.00-7.00 \end{gathered}$ | $\begin{gathered} \$ 8.00 \\ 5.00-12.00 \end{gathered}$ |
| Corrugate: | \$/Acre | $\begin{gathered} \$ 12.00 \\ 12.00-12.00 \end{gathered}$ | $\begin{gathered} \$ 8.93 \\ 7.00-12.00 \end{gathered}$ |
| Cultivate Beans: | \$/Acre | $\begin{gathered} \$ 5.00 \\ 5.00-5.00 \end{gathered}$ | $\begin{gathered} \$ 8.50 \\ 5.00-12.00 \end{gathered}$ |
| Cultivate Beets: Early cultivation | \$/Acre | U/A | $\begin{gathered} \$ 10.17 \\ 7.00-13.50 \end{gathered}$ |
| Cultivate Beans: Late cultivation | \$/Acre | $\begin{gathered} \$ 5.00 \\ 5.00-5.00 \end{gathered}$ | $\begin{gathered} \$ 7.50 \\ 5.00-10.00 \end{gathered}$ |
| Noble Blade: Depth, 4-6" | \$/Acre | $\begin{gathered} \$ 7.00 \\ 7.00-7.00 \end{gathered}$ | $\begin{gathered} \$ 7.00 \\ 7.00-7.00 \end{gathered}$ |
| Rototilling: Depth, 4-6" | \$/Acre | $\begin{gathered} \$ 108.00 \\ 108.00-108.00 \\ \hline \end{gathered}$ | $\begin{gathered} \$ 75.00 \\ 25.00-125.00 \\ \hline \end{gathered}$ |
| CUSTOM PLANTING (Application ONLY, NO materials) |  | Dryland Areas | Irrigated Areas |
| Prepare Seed Bed and Plant: <br> Plow, roller harrow, level, corrugate, drill | \$/Acre | $\begin{gathered} \$ 67.00 \\ 37.00-97.00 \end{gathered}$ | $\begin{gathered} \$ 70.28 \\ 37.00-97.00 \end{gathered}$ |
| Plant Grains: <br> Barley, oats, or wheat (no materials included) | \$/Acre | $\begin{gathered} \$ 9.43 \\ 6.50-15.00 \end{gathered}$ | $\begin{gathered} \$ 9.11 \\ 5.00-15.00 \end{gathered}$ |
| Plant Grass: <br> Mixed grasses (conservation reserve acres) | \$/Acre | $\begin{gathered} \$ 9.60 \\ 5.00-15.00 \end{gathered}$ | $\begin{gathered} \$ 10.50 \\ 5.00-15.00 \end{gathered}$ |
| Plant Corn: <br> Plant only | \$/Acre | $\begin{gathered} \$ 9.00 \\ 9.00-9.00 \end{gathered}$ | $\begin{gathered} \$ 11.86 \\ 9.00-15.00 \end{gathered}$ |
| Plant plus one chemical | \$/Acre | $\begin{gathered} \$ 12.00 \\ 12.00-12.00 \end{gathered}$ | $\begin{gathered} \$ 13.43 \\ 11.50-17.00 \end{gathered}$ |
| Plant plus two chemicals | \$/Acre | $\begin{gathered} \$ 12.00 \\ 12.00-12.00 \end{gathered}$ | $\begin{gathered} \$ 15.00 \\ 12.00-20.00 \end{gathered}$ |


| CUSTOM PLANTING cont. |  | Dryland Areas | Irrigated Areas |
| :---: | :---: | :---: | :---: |
| Plant Beans: <br> Plant only, 6-row equipment | \$/Acre | $\begin{gathered} \$ 9.00 \\ 9.00-9.00 \end{gathered}$ | $\begin{gathered} \$ 12.25 \\ 9.00-15.00 \end{gathered}$ |
| Plant plus two chemicals, 6-row equipment | \$/Acre | $\begin{gathered} \$ 12.00 \\ 12.00-12.00 \end{gathered}$ | $\begin{gathered} \$ 17.33 \\ 12.00-20.00 \end{gathered}$ |
| Plant Sugar Beets: <br> Plant only, 6-row equipment | \$/Acre | U/A | $\begin{gathered} \$ 17.33 \\ 12.00-25.00 \end{gathered}$ |
| Plant plus two chemicals, 6-row equipment | \$/Acre | U/A | $\begin{gathered} \$ 24.50 \\ 14.00-35.00 \end{gathered}$ |
| Ridge: Apply two chemicals | \$/Acre | U/A | $\begin{gathered} \$ 27.33 \\ 12.00-55.00 \end{gathered}$ |
| Plant Potatoes: Owner hauls seed to field | \$/Acre | U/A | U/A |
| FERTILIZER APPLICATORS (Application ONLY, NO materials) |  | Dryland Areas | Irrigated Areas |
| Dry Fertilizer: <br> Self-propelled unit, rig rent only | \$/Acre | $\begin{gathered} \$ 2.50 \\ 2.00-3.00 \end{gathered}$ | $\begin{gathered} \$ 3.17 \\ 2.00-4.50 \end{gathered}$ |
| Truck spreader, dealer applies | \$/Acre | $\begin{gathered} \$ 3.08 \\ 2.00-4.00 \end{gathered}$ | $\begin{gathered} \$ 3.12 \\ 2.00-4.00 \end{gathered}$ |
| Self-propelled flotation unit, dealer applies | \$/Acre | $\begin{gathered} \$ 3.51 \\ 2.95-4.00 \end{gathered}$ | $\begin{gathered} \$ 3.61 \\ 2.95-4.00 \end{gathered}$ |
| Liquid Fertilizer: <br> Pull-type sprayer, rig rent only | \$/Acre | $\begin{gathered} \$ 2.83 \\ 1.00-4.00 \end{gathered}$ | $\begin{gathered} \$ 2.13 \\ 0.00-4.00 \end{gathered}$ |
| Truck sprayer, dealer applies | \$/Acre | $\begin{gathered} \$ 3.67 \\ 3.50-4.00 \end{gathered}$ | $\begin{gathered} \$ 3.79 \\ 3.50-4.50 \end{gathered}$ |
| Self-propelled floatation unit, dealer applies | \$/Acre | $\begin{gathered} \$ 3.75 \\ 3.00-4.00 \end{gathered}$ | $\begin{gathered} \$ 3.69 \\ 3.00-4.00 \end{gathered}$ |
| Spray on fertilizer and incorporate | \$/Acre | $\begin{gathered} \$ 6.25 \\ 3.50-10.00 \end{gathered}$ | $\begin{gathered} \$ 6.36 \\ 3.50-10.00 \end{gathered}$ |
| Shank in Anhydrous: Rig rent only | \$/Acre | $\begin{gathered} \$ 1.19 \\ 0.50-3.00 \end{gathered}$ | $\begin{gathered} \$ 0.99 \\ 0.00-3.00 \end{gathered}$ |
| Tractor, rig and operator | \$/Acre | $\begin{gathered} \$ 6.50 \\ 6.50-6.50 \end{gathered}$ | $\begin{gathered} \$ 6.25 \\ 6.00-6.50 \end{gathered}$ |
| Sidedress, complete job | \$/Acre | $\begin{gathered} \$ 8.00 \\ 8.00-8.00 \end{gathered}$ | $\begin{gathered} \$ 7.33 \\ 6.00-8.00 \end{gathered}$ |
| And spray on herbicide with disk incorporate | \$/Acre | U/A | $\begin{gathered} \$ 6.50 \\ 6.50-6.50 \end{gathered}$ |

FERTILIZER APPLICATORS cont.

| Shank in Liquid Fertilizer and Fumigant: Rig rent only | \$/Acre | $\begin{gathered} \$ 1.00 \\ 1.00-1.00 \end{gathered}$ | $\begin{gathered} \$ 2.00 \\ 1.00-4.00 \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| $\underline{\text { Rig and operator }}$ | \$/Acre | $\begin{gathered} \$ 13.00 \\ 13.00-13.00 \end{gathered}$ | $\begin{gathered} \$ 11.33 \\ 10.00-13.00 \end{gathered}$ |
| Tank and Injector Pump (Irrigation Systems): <br> Rent for season | \$/Season | $\begin{gathered} \$ 142.50 \\ 35.00-250.00 \end{gathered}$ | $\begin{gathered} \$ 142.50 \\ 35.00-250.00 \end{gathered}$ |
| Rent per ton of fertilizer | \$/Ton | $\begin{gathered} \$ 10.00 \\ 10.00-10.00 \end{gathered}$ | $\begin{gathered} \$ 10.00 \\ 10.00-10.00 \end{gathered}$ |
| Rent for pump only | \$/Season | U/A | U/A |
| Delivery: Varies by distance to location | \$/Ton | $\begin{gathered} \$ 0.00 \\ 0.00-0.00 \end{gathered}$ | $\begin{gathered} \$ 0.00 \\ 0.00-0.00 \end{gathered}$ |
| CHEMICAL APPLICATORS (Application ONLY, NO materials) |  | Dryland Areas | Irrigated Areas |
| Ground Spraying Operations: Herbicide, pre or post emergence | \$/Acre | $\begin{gathered} \$ 3.66 \\ 2.95-4.00 \end{gathered}$ | $\begin{gathered} \$ 3.71 \\ 2.95-5.00 \end{gathered}$ |
| Herbicide, application and incorporation | \$/Acre | $\begin{gathered} \$ 6.83 \\ 3.50-9.00 \end{gathered}$ | $\begin{gathered} \$ 6.81 \\ 3.50-10.00 \end{gathered}$ |
| Ground Spraying Operations cont.: Insecticide, application only | \$/Acre | $\begin{gathered} \$ 3.58 \\ 2.95-4.00 \end{gathered}$ | $\begin{gathered} \$ 3.61 \\ 2.95-4.00 \end{gathered}$ |
| Truck, sprayer, 2 men, roadsides, ditches | \$/Hour | $\begin{gathered} \$ 37.67 \\ 18.00-55.00 \end{gathered}$ | $\begin{gathered} \$ 55.00 \\ 55.00-55.00 \end{gathered}$ |
| Ground rig rental, pull type | \$/Acre | $\begin{gathered} \$ 3.00 \\ 3.00-3.00 \end{gathered}$ | $\begin{gathered} \$ 5.33 \\ 3.00-8.00 \end{gathered}$ |
| Aerial Spraying Operations - Fixed Wing Aircraft: Herbicide, insecticide, fungicides, defoliants- 1 gal carrier/ac | \$/Acre | $\begin{gathered} \$ 4.10 \\ 3.95-4.50 \end{gathered}$ | $\begin{gathered} \$ 4.38 \\ 4.25-4.50 \end{gathered}$ |
| Herbicide, insecticide, fungicides, defoliants- 2 gal carrier/ac | \$/Acre | $\begin{gathered} \$ 4.93 \\ 4.25-6.80 \end{gathered}$ | $\begin{gathered} \$ 5.13 \\ 4.50-7.00 \end{gathered}$ |
| Herbicide, insecticide, fungicides, defoliants- 3 gal carrier/ac | \$/Acre | $\begin{gathered} \$ 5.17 \\ 4.50-5.50 \end{gathered}$ | $\begin{gathered} \$ 5.31 \\ 4.75-5.50 \end{gathered}$ |
| Herbicide, insecticide, fungicides, defoliants- 5 gal carrier/ac | \$/Acre | $\begin{gathered} \$ 6.17 \\ 5.00-7.00 \end{gathered}$ | $\begin{gathered} \$ 6.20 \\ 5.00-7.00 \end{gathered}$ |
| Spray Sagebrush: <br> Guarantee kill, $80 \%$ diesel carrier, up to 249 acres | \$/Acre | $\begin{gathered} \$ 6.15 \\ 6.15-6.15 \end{gathered}$ | U/A |
| Guarantee kill, $80 \%$ diesel carrier, 250 to 499 acres | \$/Acre | $\begin{gathered} \$ 5.75 \\ 5.75-5.75 \end{gathered}$ | U/A |
| Guarantee kill, $80 \%$ diesel carrier, 500 to 749 acres | \$/Acre | $\begin{gathered} \$ 5.55 \\ 5.55-5.55 \end{gathered}$ | U/A |


| CHEMICAL APPLICATORS cont. |  | Dryland Areas | Irrigated Areas |
| :---: | :---: | :---: | :---: |
| Guarantee kill, $80 \%$ diesel carrier, 750 to 1000 acres | \$/Acre | $\begin{gathered} \$ 5.45 \\ 5.45-5.45 \end{gathered}$ | U/A |
| Guarantee kill, 80\% diesel carrier, over 1000 acres | \$/Acre | $\begin{gathered} \$ 5.35 \\ 5.35-5.35 \end{gathered}$ | U/A |
| Guarantee kill, $70 \%$ water carrier, up to 199 acres | \$/Acre | $\begin{gathered} \$ 4.63 \\ 4.25-5.00 \end{gathered}$ | $\begin{gathered} \$ 6.25 \\ 6.25-6.25 \end{gathered}$ |
| Guarantee kill, $70 \%$ water carrier, 200 to 399 acres | \$/Acre | $\begin{gathered} \$ 4.63 \\ 4.25-5.00 \end{gathered}$ | $\begin{gathered} \$ 5.90 \\ 5.90-5.90 \end{gathered}$ |
| Guarantee kill, $70 \%$ water carrier, 400 to 599 acres | \$/Acre | $\begin{gathered} \$ 4.63 \\ 4.25-5.00 \end{gathered}$ | $\begin{gathered} \$ 5.65 \\ 5.65-5.65 \end{gathered}$ |
| Guarantee kill, $70 \%$ water carrier, 600 to 799 acres | \$/Acre | $\begin{gathered} \$ 4.63 \\ 4.25-5.00 \end{gathered}$ | $\begin{gathered} \$ 5.45 \\ 5.45-5.45 \end{gathered}$ |
| Guarantee kill, $70 \%$ water carrier, 800 to 999 acres | \$/Acre | $\begin{gathered} \$ 4.63 \\ 4.25-5.00 \end{gathered}$ | $\begin{gathered} \$ 5.40 \\ 5.40-5.40 \end{gathered}$ |
| Guarantee kill, $70 \%$ water carrier, over 1000 acres | \$/Acre | $\begin{gathered} \$ 4.25 \\ 4.25-4.25 \end{gathered}$ | $\begin{gathered} \$ 5.35 \\ 5.35-5.35 \end{gathered}$ |
| Insect control- mosquitoes \& leaf hoppers, low volume | \$/Acre | $\begin{gathered} \$ 1.33 \\ 1.00-2.00 \end{gathered}$ | $\begin{gathered} \$ 1.00 \\ 1.00-1.00 \end{gathered}$ |
| Aerial Spraying Operations - Fixed Wing Aircraft cont.: Insect control- mosquitoes \& leaf hoppers, large jobs by bid | \$/Acre | $\begin{gathered} \$ 0.91 \\ 0.82-1.00 \end{gathered}$ | U/A |
| Insect control- grasshoppers | \$/Acre | $\begin{gathered} \$ 3.33 \\ 1.50-4.50 \end{gathered}$ | $\begin{gathered} \$ 4.50 \\ 4.50-4.50 \end{gathered}$ |
| Spray farmsteads, several farmsteads per trip | \$/Farmstead | $\begin{gathered} \$ 70.00 \\ 35.00-100.00 \end{gathered}$ | $\begin{gathered} \$ 35.00 \\ 35.00-35.00 \end{gathered}$ |
| Custom charter- pilot \& plane, large aircraft | \$/Hour | $\begin{gathered} \$ 200.00 \\ 200.00-200.00 \end{gathered}$ | U/A |
| Custom charter- pilot \& plane, medium aircraft | \$/Hour | $\begin{gathered} \$ 145.00 \\ 145.00-145.00 \end{gathered}$ | U/A |
| Custom charter- pilot \& plane, small aircraft | \$/Hour | $\begin{gathered} \$ 78.33 \\ 75.00-80.00 \end{gathered}$ | $\begin{gathered} \$ 80.00 \\ 80.00-80.00 \end{gathered}$ |
| Custom charter- pilot \& plane | \$/Air Mile | $\begin{gathered} \$ 0.55 \\ 0.55-0.55 \end{gathered}$ | U/A |


| Weeding Operations: <br> Beets, owner supplies hoes | \$/Acre | $\begin{gathered} \$ 3.00 \\ 3.00-3.00 \end{gathered}$ | $\begin{gathered} \$ 19.83 \\ 3.00-30.00 \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| Beans, owner supplies hoes | \$/Acre | $\begin{gathered} \$ 3.00 \\ 3.00-3.00 \end{gathered}$ | $\begin{gathered} \$ 6.50 \\ 3.00-10.00 \end{gathered}$ |
| Thinning Operations: <br> Beets, owner supplies hoes | \$/Acre | U/A | U/A |
| MACHINERY AND EQUIPMENT RENTAL |  | Dryland Areas | Irrigated Areas |
| Tractor Rental: 40-60 HP tractor only | \$/Hour | $\begin{gathered} \$ 23.50 \\ 9.00-55.00 \end{gathered}$ | $\begin{gathered} \$ 22.75 \\ 9.00-55.00 \end{gathered}$ |
| 70-90 HP tractor only | \$/Hour | $\begin{gathered} \$ 16.17 \\ 12.00-22.00 \end{gathered}$ | $\begin{gathered} \$ 23.08 \\ 12.00-35.00 \end{gathered}$ |
| 100-125 HP tractor only | \$/Hour | $\begin{gathered} \$ 16.00 \\ 15.00-17.00 \end{gathered}$ | $\begin{gathered} \$ 18.13 \\ 15.00-25.00 \end{gathered}$ |
| 130-150 HP tractor only | \$/Hour | $\begin{gathered} \$ 20.88 \\ 20.00-21.75 \end{gathered}$ | $\begin{gathered} \$ 29.85 \\ 20.00-60.00 \end{gathered}$ |
| 160-200 HP tractor only | \$/Hour | $\begin{gathered} \$ 31.00 \\ 23.00-45.00 \end{gathered}$ | $\begin{gathered} \$ 29.07 \\ 23.00-45.00 \end{gathered}$ |
| Over 200 HP tractor only | \$/Hour | $\begin{gathered} \$ 25.00 \\ 25.00-25.00 \end{gathered}$ | $\begin{gathered} \$ 31.50 \\ 25.00-37.50 \end{gathered}$ |
| Equipment Rental: <br> Moldboard plow, 2-way, 4-18" | \$/Acre | $\begin{gathered} \$ 8.00 \\ 8.00-8.00 \end{gathered}$ | $\begin{gathered} \$ 6.00 \\ 5.00-8.00 \end{gathered}$ |
| Switch plow, 5-18" | \$/Acre | $\begin{gathered} \$ 8.00 \\ 8.00-8.00 \end{gathered}$ | $\begin{gathered} \$ 6.00 \\ 5.00-8.00 \end{gathered}$ |
| Disk, tandem, 25' | \$/Acre | $\begin{gathered} \$ 3.63 \\ 3.00-4.25 \end{gathered}$ | $\begin{gathered} \$ 3.21 \\ 2.58-4.25 \end{gathered}$ |
| Field cultivator, 25 | \$/Acre | $\begin{gathered} \$ 3.00 \\ 3.00-3.00 \end{gathered}$ | $\begin{gathered} \$ 2.56 \\ 2.11-3.00 \end{gathered}$ |
| Roller harrow, $25{ }^{\prime}$ | \$/Acre | $\begin{gathered} \$ 3.00 \\ 3.00-3.00 \end{gathered}$ | $\begin{gathered} \$ 3.28 \\ 1.61-5.50 \end{gathered}$ |
| Land plane, pull type, 20' | \$/Acre | $\begin{gathered} \$ 3.00 \\ 3.00-3.00 \end{gathered}$ | $\begin{gathered} \$ 4.33 \\ 3.00-6.00 \end{gathered}$ |
| Grain drill, 24' | \$/Acre | $\begin{gathered} \$ 4.00 \\ 3.00-5.00 \end{gathered}$ | $\begin{gathered} \$ 5.00 \\ 3.00-6.00 \end{gathered}$ |
| Swather, self-propelled, 14' | \$/Hour | $\begin{gathered} \$ 25.00 \\ 20.00-30.00 \end{gathered}$ | $\begin{gathered} \$ 19.33 \\ 8.00-30.00 \end{gathered}$ |

## MACHINERY AND EQUIPMENT RENTAL cont.

| Equipment Rental cont.: |  | $\begin{gathered} \$ 22.00 \\ 22.00-22.00 \end{gathered}$ | $\begin{gathered} \$ 15.33 \\ 4.00-22.00 \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| Combine, $180 \mathrm{bu}, 24{ }^{\text {c }}$ header | \$/Hour | $\begin{gathered} \$ 80.00 \\ 80.00-80.00 \end{gathered}$ | $\begin{gathered} \$ 82.50 \\ 80.00-85.00 \end{gathered}$ |
|  |  | Dryland Areas | Irrigated Areas |
| Hay Harvesting: Swath only, with conditioner | \$/Acre | $\begin{gathered} \$ 9.79 \\ 8.00-14.00 \end{gathered}$ | $\begin{gathered} \$ 11.42 \\ 8.00-20.00 \end{gathered}$ |
| Small Square Bales - Farm Areas: |  | $\begin{gathered} \$ 17.12 \\ 9.23-25.00 \end{gathered}$ | $\begin{gathered} \$ 22.74 \\ 17.14-28.57 \end{gathered}$ |
| Bale only, includes wire/twine | \$/Ton | $\begin{gathered} \$ 15.00 \\ 15.00-15.00 \end{gathered}$ | $\begin{gathered} \$ 11.53 \\ 8.57-15.00 \end{gathered}$ |
| Swath, bale and stack, includes wire/twine, short hauls | \$/Ton | $\begin{gathered} \$ 28.75 \\ 17.50-40.00 \end{gathered}$ | $\begin{gathered} \$ 31.71 \\ 17.50-45.00 \end{gathered}$ |
| Stack only, in field or short hauls (approx. 30 bales per ton) | \$/Ton | $\begin{gathered} \$ 7.39 \\ 6.77-8.00 \end{gathered}$ | $\begin{gathered} \$ 7.81 \\ 6.00-10.00 \end{gathered}$ |
| Small Square Bales - Ranch Areas: |  | $\begin{gathered} \$ 9.23 \\ 9.23-9.23 \end{gathered}$ | $\begin{gathered} \$ 23.26 \\ 17.14-28.57 \end{gathered}$ |
| Bale only, includes wire/twine | \$/Ton | $\begin{gathered} \$ 25.50 \\ 15.00-36.00 \end{gathered}$ | $\begin{gathered} \$ 22.00 \\ 15.00-36.00 \end{gathered}$ |
| Swath, bale and stack, includes wire/twine, short hauls | \$/Ton | $\begin{gathered} \$ 26.50 \\ 20.00-33.00 \end{gathered}$ | $\begin{gathered} \$ 32.80 \\ 20.00-45.00 \end{gathered}$ |
| Stack only, in field or short hauls | \$/Ton | $\begin{gathered} \$ 6.55 \\ 3.00-8.00 \end{gathered}$ | $\begin{gathered} \$ 8.03 \\ 3.00-12.86 \end{gathered}$ |
| Round Bales: |  | $\begin{gathered} \$ 13.50 \\ 6.50-16.00 \end{gathered}$ | $\begin{gathered} \$ 14.38 \\ 6.50-20.00 \end{gathered}$ |
| Combine 2 windrows and bale, includes twine | \$/Ton | $\begin{gathered} \$ 14.17 \\ 6.50-18.00 \end{gathered}$ | $\begin{gathered} \$ 14.57 \\ 6.50-18.00 \end{gathered}$ |


| CUSTOM HARVESTERS cont. |  | Dryland Areas | Irrigated Areas |
| :---: | :---: | :---: | :---: |
| Hay Harvesting - Round Bales cont.: <br> Swath, bale and stack, includes twine, short hauls | \$/Ton | $\begin{gathered} \$ 29.80 \\ 20.00-40.00 \end{gathered}$ | $\begin{gathered} \$ 30.75 \\ 22.00-36.00 \end{gathered}$ |
| Stack only, short hauls | \$/Ton | $\begin{gathered} \$ 7.33 \\ 6.00-8.00 \end{gathered}$ | $\begin{gathered} \$ 8.53 \\ 2.67-20.00 \end{gathered}$ |
| Big Rectangular Bales: Bale only, includes wire/twine | \$/Ton | U/A | $\begin{gathered} \$ 16.50 \\ 11.00-22.00 \end{gathered}$ |
| Combine 2 windrows and bale, includes wire/twine | \$/Bale | U/A | $\begin{gathered} \$ 12.91 \\ 10.00-18.00 \end{gathered}$ |
| Swath, bale and stack, includes wire/twine, short hauls | \$/Ton | U/A | $\begin{gathered} \$ 28.83 \\ 21.00-38.00 \end{gathered}$ |
| Stack only, short hauls | \$/Ton | U/A | $\begin{gathered} \$ 4.40 \\ 3.00-6.00 \end{gathered}$ |
| Cube Hay: <br> Cube from windrows, owner hauls \& piles | \$/Ton | U/A | $\begin{gathered} \$ 21.75 \\ 20.00-23.00 \end{gathered}$ |
| Cube from windrows, short haul \& pile | \$/Ton | U/A | $\begin{gathered} \$ 24.33 \\ 24.00-25.00 \end{gathered}$ |
| Chop Hay: <br> Chop only, self-propelled unit, owner hauls, dry hay | \$/Ton | U/A | $\begin{gathered} \$ 35.00 \\ 35.00-35.00 \end{gathered}$ |
| Swath, chop, short haul, $70 \%$ moisture | \$/Ton | U/A | $\begin{gathered} \$ 23.25 \\ 6.50-40.00 \end{gathered}$ |
| Green chop and short haul | \$/Ton | U/A | $\begin{gathered} \$ 14.58 \\ 3.75-35.00 \end{gathered}$ |
| Loose Hay: <br> Swath, rake, sweep \& stack in cribs or yard | \$/Ton | $\begin{gathered} \$ 32.00 \\ 32.00-32.00 \end{gathered}$ | $\begin{gathered} \$ 29.50 \\ 27.00-32.00 \end{gathered}$ |
| 3-ton loaf stack, stack only, short hauls | \$/Ton | U/A | U/A |
| 6-ton loaf stack, stack only, short hauls | \$/Ton | U/A | U/A |
| Small Grain Harvesting: <br> Swath, highest rates for small jobs | \$/Acre | $\begin{gathered} \$ 8.75 \\ 6.00-13.00 \end{gathered}$ | $\begin{gathered} \$ 19.10 \\ 8.00-100.00 \end{gathered}$ |
| Combine, barley, wheat or oats, low yields | \$/Acre | $\begin{gathered} \$ 12.19 \\ 7.69-15.00 \end{gathered}$ | $\begin{gathered} \$ 20.34 \\ 7.69-30.00 \end{gathered}$ |
| Combine, barley, wheat or oats, high yields | \$/Acre | $\begin{gathered} \$ 13.83 \\ 12.00-18.00 \end{gathered}$ | $\begin{gathered} \$ 23.29 \\ 13.00-35.00 \end{gathered}$ |
| Bale straw, small square bales, includes wire/twine | \$/Acre | $\begin{gathered} \$ 8.33 \\ 8.33-8.33 \end{gathered}$ | $\begin{gathered} \$ 22.13 \\ 13.33-50.00 \end{gathered}$ |

## CUSTOM HARVESTERS cont.

| Small Grain Harvesting cont.: <br> Bale straw, large rectangular bales, includes wire/twine | \$/Acre | U/A | $\begin{gathered} \$ 15.00 \\ 12.00-18.00 \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| Stack straw, small square bales | \$/Ton | $\begin{gathered} \$ 7.33 \\ 7.33-7.33 \end{gathered}$ | $\begin{gathered} \$ 9.93 \\ 7.33-14.00 \end{gathered}$ |
| Stack straw, large rectangular bales | \$/Ton | U/A | $\begin{gathered} \$ 7.13 \\ 2.00-19.00 \end{gathered}$ |
| Haul barley, wheat, oats or corn, from field up to 12 miles | \$/Ton | $\begin{gathered} \$ 4.40 \\ 3.60-4.80 \end{gathered}$ | $\begin{gathered} \$ 4.27 \\ 2.50-6.00 \end{gathered}$ |
| Dry Bean Harvesting: Cut only | \$/Acre | $\begin{gathered} \$ 6.00 \\ 6.00-6.00 \end{gathered}$ | $\begin{gathered} \$ 9.00 \\ 6.00-12.00 \end{gathered}$ |
| Cut and rodweed | \$/Acre | $\begin{gathered} \$ 12.00 \\ 12.00-12.00 \end{gathered}$ | $\begin{gathered} \$ 14.67 \\ 12.00-19.00 \end{gathered}$ |
| Combine, not windrowed | \$/Acre | $\begin{gathered} \$ 18.00 \\ 18.00-18.00 \end{gathered}$ | $\begin{gathered} \$ 26.10 \\ 18.00-35.00 \end{gathered}$ |
| Combine from windrows, owner hauls | \$/Acre | U/A | $\begin{gathered} \$ 23.60 \\ 18.00-28.00 \end{gathered}$ |
| Cut, rodweed, windrow, and combine, owner hauls | \$/Acre | $\begin{gathered} \$ 36.00 \\ 36.00-36.00 \end{gathered}$ | $\begin{gathered} \$ 36.00 \\ 36.00-36.00 \end{gathered}$ |
| Sugar Beet Harvesting: <br> Top, lift and load, owner hauls, 6-row equipment | \$/Ton | U/A | $\begin{gathered} \$ 4.00 \\ 4.00-4.00 \end{gathered}$ |
| Top, lift, load and short haul, 6-row equipment | \$/Ton | U/A | U/A |
| Haul only, short hauls | \$/Ton | U/A | $\begin{gathered} \$ 2.42 \\ 2.00-3.00 \end{gathered}$ |
| $\underline{\text { Haul only, longer hauls }}$ | \$/Ton | U/A | $\begin{gathered} \$ 3.08 \\ 2.50-3.50 \end{gathered}$ |
| Corn Harvesting: <br> Silage chop only, owner hauls and packs | \$/Acre | $\begin{gathered} \$ 15.00 \\ 15.00-15.00 \end{gathered}$ | $\begin{gathered} \$ 46.25 \\ 25.00-67.50 \end{gathered}$ |
| Silage chop and short haul, owner packs | \$/Ton | U/A | $\begin{gathered} \$ 11.25 \\ 3.00-45.00 \end{gathered}$ |
| Earlage chop, self propelled unit, owner hauls, 6-8 ton/acre | \$/Acre | U/A | U/A |
| Haul silage to pit, 5-10 miles | \$/Ton | U/A | $\begin{gathered} \$ 0.35 \\ 0.35-0.35 \end{gathered}$ |
| Pick grain in field, picker \& dump wagon, owner hauls | \$/Acre | U/A | U/A |
| Combine only, owner hauls | \$/Acre | $\begin{gathered} \$ 19.50 \\ 18.00-21.00 \end{gathered}$ | $\begin{gathered} \$ 21.56 \\ 18.00-25.00 \end{gathered}$ |
| Combine and short haul | \$/Ton | U/A | $\begin{gathered} \$ 13.75 \\ 7.55-22.00 \end{gathered}$ |


| CUSTOM HAULING |  | Dryland Areas | Irrigated Areas |
| :---: | :---: | :---: | :---: |
| Hay Hauling: |  | $\begin{gathered} \$ 3.90 \\ 3.00-4.80 \end{gathered}$ | $\begin{gathered} \$ 3.77 \\ 3.00-4.80 \end{gathered}$ |
| Small Square Bales: |  |  |  |
| Under 50 miles | \$/Loaded Mile |  |  |
| 50-100 miles | \$/Loaded Mile | $\begin{gathered} \$ 3.00 \\ 3.00-3.00 \end{gathered}$ | $\begin{gathered} \$ 2.75 \\ 2.50-3.00 \end{gathered}$ |
|  |  |  |  |
| Semi-truck \& trailer | \$/Loaded Mile | $\begin{gathered} \$ 3.00 \\ 3.00-3.00 \end{gathered}$ | $\begin{gathered} \$ 2.63 \\ 2.25-3.00 \end{gathered}$ |
|  |  |  |  |
| $\underline{\text { Large Rectangular Bales: }}$ Under 50 miles |  | $\begin{gathered} \$ 2.42 \\ 2.00-3.00 \end{gathered}$ | $\begin{gathered} \$ 2.45 \\ 1.50-3.50 \end{gathered}$ |
|  |  |  |  |
| 50-100 miles | \$/Loaded Mile | $\begin{gathered} \$ 2.50 \\ 2.00-3.00 \end{gathered}$ | $\begin{gathered} \$ 2.19 \\ 1.25-3.00 \end{gathered}$ |
|  |  |  |  |
| Semi-truck \& trailer | \$/Loaded Mile | $\begin{gathered} \$ 2.50 \\ 2.00-3.00 \end{gathered}$ | $\begin{gathered} \$ 2.55 \\ 2.00-3.00 \end{gathered}$ |
|  |  |  |  |
| Hay Cubes: |  | $\begin{gathered} \$ 6.00 \\ 6.00-6.00 \end{gathered}$ | $\begin{gathered} \$ 4.25 \\ 2.50-6.00 \end{gathered}$ |
| Under 50 miles | \$/Loaded Mile |  |  |
| 50-100 miles | \$/Loaded Mile | $\begin{gathered} \$ 12.00 \\ 12.00-12.00 \end{gathered}$ | $\begin{gathered} \$ 2.48 \\ 2.45-2.50 \end{gathered}$ |
|  |  |  |  |
| Straw Bales, Any Type: |  | $\begin{gathered} \$ 3.00 \\ 3.00-3.00 \end{gathered}$ | $\begin{gathered} \$ 2.88 \\ 1.50-4.00 \end{gathered}$ |
| Under 50 miles | \$/Loaded Mile |  |  |
| 50-100 miles | \$/Loaded Mile | $\begin{gathered} \$ 3.00 \\ 3.00-3.00 \end{gathered}$ | $\begin{gathered} \$ 2.56 \\ 1.25-3.00 \end{gathered}$ |
|  |  |  |  |
| Small Grain Hauling: |  | $\begin{gathered} \$ 3.00 \\ 3.00-3.00 \end{gathered}$ | $\begin{gathered} \$ 2.50 \\ 2.00-3.00 \end{gathered}$ |
| Tandem axle, under 10 miles | \$/Loaded Mile |  |  |
| Tandem axle, 10-20 miles | \$/Loaded Mile | $\begin{gathered} \$ 3.00 \\ 3.00-3.00 \end{gathered}$ | $\begin{gathered} \$ 3.00 \\ 3.00-3.00 \end{gathered}$ |
|  |  |  |  |
| Semi-truck \& trailer, under 50 miles | \$/Loaded Mile | $\begin{gathered} \$ 2.83 \\ 2.50-3.00 \end{gathered}$ | $\begin{gathered} \$ 3.00 \\ 3.00-3.00 \end{gathered}$ |
|  |  |  |  |
| Semi-truck \& trailer, over 50 miles | \$/Loaded Mile | $\begin{gathered} \$ 2.42 \\ 2.00-3.00 \end{gathered}$ | $\begin{gathered} \$ 2.63 \\ 2.25-3.00 \end{gathered}$ |
|  |  |  |  |
| Sugar Beet Re-hauling: 10-49 miles |  | $\begin{gathered} \$ 6.00 \\ 6.00-6.00 \end{gathered}$ | $\begin{gathered} \$ 2.50 \\ 2.50-2.50 \end{gathered}$ |
|  | \$/Loaded Mile |  |  |
| 50-100 miles | \$/Loaded Mile | $\begin{gathered} \$ 12.00 \\ 12.00-12.00 \end{gathered}$ | U/A |
|  |  |  |  |
| Corn Silage Hauling: Short hauls | \$/Ton | U/A | $\begin{gathered} \$ 3.00 \\ 1.00-5.00 \end{gathered}$ |
|  |  |  |  |
| Potatoes: |  | $\begin{gathered} \$ 6.00 \\ 6.00-6.00 \end{gathered}$ | U/A |
| 10-49 miles | \$/Loaded Mile |  |  |


| CUSTOM HAULING cont. |  | Dryland Areas | Irrigated Areas |
| :---: | :---: | :---: | :---: |
| Potatoes cont.: over 50 miles | \$/Loaded Mile | $\begin{gathered} \$ 12.00 \\ 12.00-12.00 \end{gathered}$ | U/A |
| Trucks with Drivers: Tandem axle, beets, silage or haylage | \$/Hour | U/A | $\begin{gathered} \$ 12.67 \\ 6.50-25.00 \end{gathered}$ |
| Livestock Hauling: Within Wyoming | \$/Loaded Mile | $\begin{gathered} \$ 1.99 \\ 0.73-3.00 \end{gathered}$ | $\begin{gathered} \$ 2.33 \\ 0.73-3.00 \end{gathered}$ |
| CUSTOM FEEDING |  | Dryland Areas | Irrigated Areas |
| Cattle Feeding - Calves Less Than 600 Lbs.: <br> Charge for feed | \$/Pound Gain | U/A | $\begin{gathered} \$ 0.47 \\ 0.41-0.55 \end{gathered}$ |
| Charge for veterinary and medicine | \$/Pound Gain | U/A | U/A |
| Yardage/processing charges | \$/Pound Gain | U/A | $\begin{gathered} \$ 0.15 \\ 0.09-0.20 \end{gathered}$ |
| TOTAL CHARGE for calves less than 600 Lbs . | \$/Pound Gain | U/A | $\begin{gathered} \$ 0.48 \\ 0.47-0.50 \end{gathered}$ |
| TOTAL CHARGE for calves less than 600 Lbs . | \$/Head/Day | $\begin{gathered} \$ 0.20 \\ 0.20-0.20 \end{gathered}$ | $\begin{gathered} \$ 0.20 \\ 0.20-0.20 \end{gathered}$ |
| Cattle Feeding - Feeders Over 600 Lbs.: Charge for feed | \$/Pound Gain | U/A | $\begin{gathered} \$ 0.54 \\ 0.41-0.65 \end{gathered}$ |
| Charge for veterinary and medicine | \$/Pound Gain | U/A | $\begin{gathered} 0.10 \\ 0.10-0.10 \end{gathered}$ |
| Yardage/processing charges | \$/Pound Gain | U/A | $\begin{gathered} \$ 0.16 \\ 0.09-0.22 \end{gathered}$ |
| TOTAL CHARGE for feeders over 600 Lbs . | \$/Pound Gain | U/A | $\begin{gathered} \$ 0.56 \\ 0.48-0.65 \end{gathered}$ |
| TOTAL CHARGE for feeders over 600 Lbs . | \$/Head/Day | $\begin{gathered} \$ 0.20 \\ 0.20-0.20 \end{gathered}$ | $\begin{gathered} \$ 0.20 \\ 0.20-0.20 \end{gathered}$ |
| Sheep Feeding: Charge for feed | \$/Pound Gain | $\begin{gathered} \$ 0.65 \\ 0.65-0.65 \end{gathered}$ | $\begin{gathered} \$ 0.63 \\ 0.60-0.65 \end{gathered}$ |
| Charge for veterinary and medicine | \$/Pound Gain | $\begin{gathered} \$ 0.01 \\ 0.01-0.01 \end{gathered}$ | $\begin{gathered} \$ 0.01 \\ 0.01-0.01 \end{gathered}$ |
| Yardage/processing charges | \$/Head/Day | $\begin{gathered} \$ 0.05 \\ 0.05-0.05 \end{gathered}$ | $\begin{gathered} \$ 0.05 \\ 0.05-0.05 \end{gathered}$ |
| TOTAL CHARGE for sheep | \$/Pound Gain | $\begin{gathered} \$ 0.71 \\ 0.71-0.71 \end{gathered}$ | $\begin{gathered} \$ 0.66 \\ 0.61-0.71 \end{gathered}$ |

## AUCTION YARD

|  | Feed ${ }^{2}$ <br> \$/Head | Health \$/Head | Insurance \$/Head | Commission \$/Head | Yardage \$/Head | $\begin{gathered} \text { Other Fees }^{3} \\ \$ / \text { Head } \end{gathered}$ | Total Cost \$/Head |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cattle: Calves under 300 lbs . | $\begin{gathered} \$ 1.00 \\ 1.00-1.00 \end{gathered}$ | $\begin{gathered} \$ 0.63 \\ 0.25-1.00 \end{gathered}$ | $\begin{gathered} \$ 0.13^{*} \\ 0.11-0.15 \end{gathered}$ | $\begin{gathered} \$ 6.78 \\ 3.00-8.50 \end{gathered}$ | $\begin{gathered} \$ 1.00 \\ 1.00-1.00 \end{gathered}$ | $\begin{gathered} \$ 1.87 \\ 1.54-2.20 \end{gathered}$ | $\begin{gathered} \$ 8.50 \\ 8.50-8.50 \end{gathered}$ |
| Cattle over 300 lbs . | $\begin{gathered} \$ 1.38 \\ 1.00-2.50 \end{gathered}$ | $\begin{gathered} \$ 0.48 \\ 0.20-1.00 \end{gathered}$ | $\begin{gathered} \$ 0.16^{*} \\ 0.11-0.26 \end{gathered}$ | $\begin{gathered} \$ 7.18 \\ 4.00-9.50 \end{gathered}$ | $\begin{gathered} \$ 1.30 \\ 1.00-2.50 \end{gathered}$ | $\begin{gathered} \$ 1.98 \\ 1.54-2.20 \end{gathered}$ | $\begin{gathered} \$ 10.05 \\ 8.50-11.61 \end{gathered}$ |
| Registered bulls | $\begin{gathered} \$ 1.75 \\ 1.00-3.00 \end{gathered}$ | $\begin{gathered} \$ 0.63 \\ 0.25-1.00 \end{gathered}$ | $\begin{gathered} \$ 0.13^{*} \\ 0.11-0.15 \end{gathered}$ | $\begin{gathered} \$ 26.86 \\ 13.00-60.00 \end{gathered}$ | $\begin{gathered} \$ 2.00 \\ 1.00-4.00 \end{gathered}$ | $\begin{gathered} \$ 1.87 \\ 1.54-2.20 \end{gathered}$ | $\begin{gathered} \$ 25.00 \\ 25.00-25.00 \end{gathered}$ |
| Beef bulls | $\begin{gathered} \$ 1.70 \\ 1.00-3.00 \end{gathered}$ | $\begin{gathered} \$ 0.63 \\ 0.25-1.00 \end{gathered}$ | $\begin{gathered} \$ 0.12^{*} \\ 0.11-0.13 \end{gathered}$ | $\begin{gathered} \$ 16.25 \\ 8.00-23.00 \end{gathered}$ | $\begin{gathered} \$ 2.00 \\ 1.00-4.00 \end{gathered}$ | $\begin{gathered} \$ 1.87 \\ 1.54-2.20 \end{gathered}$ | $\begin{gathered} \$ 17.50 \\ 17.50-17.50 \end{gathered}$ |
| Stock cows | $\begin{gathered} \$ 1.70 \\ 1.00-3.00 \end{gathered}$ | $\begin{gathered} \$ 0.63 \\ 0.25-1.00 \end{gathered}$ | $\begin{gathered} \$ 0.12^{*} \\ 0.11-0.13 \end{gathered}$ | $\begin{gathered} \$ 9.87 \\ 7.50-13.00 \end{gathered}$ | $\begin{gathered} \$ 1.50 \\ 1.00-3.00 \end{gathered}$ | $\begin{gathered} \$ 1.87 \\ 1.54-2.20 \end{gathered}$ | $\begin{gathered} \$ 8.50 \\ 8.50-8.50 \end{gathered}$ |
| Bred cows | $\begin{gathered} \$ 1.75 \\ 1.00-3.00 \end{gathered}$ | $\begin{gathered} \$ 1.00 \\ 1.00-1.00 \end{gathered}$ | $\begin{gathered} \$ 0.13^{*} \\ 0.11-0.15 \end{gathered}$ | $\begin{gathered} \$ 13.23 \\ 6.50-20.00 \end{gathered}$ | $\begin{gathered} \$ 1.50 \\ 1.00-3.00 \end{gathered}$ | $\begin{gathered} \$ 2.20 \\ 2.20-2.20 \end{gathered}$ | $\begin{gathered} \$ 11.00 \\ 11.00-11.00 \end{gathered}$ |
| Cow/calf pairs | $\begin{gathered} \$ 1.38 \\ 1.00-2.00 \end{gathered}$ | $\begin{gathered} \$ 1.00 \\ 1.00-1.00 \end{gathered}$ | $\begin{gathered} \$ 0.13^{* *} \\ 0.11-0.15 \end{gathered}$ | $\begin{gathered} \$ 15.45 \\ 12.50-17.75 \end{gathered}$ | $\begin{gathered} \$ 1.00 \\ 1.00-1.00 \end{gathered}$ | $\begin{gathered} \$ 2.20 \\ 2.20-2.20 \end{gathered}$ | $\begin{gathered} \$ 15.00 \\ 15.00-15.00 \end{gathered}$ |
| Hogs: Breeding hogs | $\begin{gathered} \$ 0.63 \\ 0.50-1.00 \end{gathered}$ | $\begin{gathered} \$ 0.15 \\ 0.15-0.15 \end{gathered}$ | $\begin{gathered} \$ 0.12^{*} \\ 0.10-0.13 \end{gathered}$ | $\begin{gathered} \$ 5.09 \\ 2.00-8.00 \end{gathered}$ | $\begin{gathered} \$ 0.50 \\ 0.50-0.50 \end{gathered}$ | ---- | $\begin{gathered} \$ 0.63 \\ 0.50-1.00 \end{gathered}$ |
| Market hogs | $\begin{gathered} \$ 0.63 \\ 0.50-1.00 \end{gathered}$ | $\begin{gathered} \$ 0.15 \\ 0.15-0.15 \end{gathered}$ | $\begin{gathered} \$ 0.12^{*} \\ 0.10-0.13 \end{gathered}$ | $\begin{gathered} \$ 3.81 \\ 2.00-5.00 \end{gathered}$ | $\begin{gathered} \$ 0.50 \\ 0.50-0.50 \end{gathered}$ | ---- | U/A |
| Sheep | $\begin{gathered} \$ 0.51 \\ 0.30-0.75 \end{gathered}$ | $\begin{gathered} \$ 0.18 \\ 0.10-0.25 \end{gathered}$ | $\begin{gathered} \$ 0.11^{*} \\ 0.10-0.13 \end{gathered}$ | $\begin{gathered} \$ 2.81 \\ 1.25-4.00 \end{gathered}$ | $\begin{gathered} \$ 0.50 \\ 0.50-0.50 \end{gathered}$ | $\begin{gathered} \$ 0.80 \\ 0.80-0.80 \end{gathered}$ | $\begin{gathered} \$ 4.50 \\ 4.50-4.50 \end{gathered}$ |
| Mules and Horses | $\begin{gathered} \$ 2.04 \\ 0.25-3.00 \end{gathered}$ | $\begin{gathered} \$ 1.00 \\ 1.00-1.00 \end{gathered}$ | $\begin{gathered} \$ 0.11^{*} \\ 0.10-0.13 \end{gathered}$ | $\begin{gathered} \$ 14.17 \\ 12.50-15.00 \end{gathered}$ | $\begin{gathered} \$ 2.25 \\ 1.50-3.00 \end{gathered}$ | $\begin{gathered} \$ 2.67 \\ 0.34-5.00 \end{gathered}$ | $\begin{gathered} \$ 10.00 \\ 10.00-10.00 \end{gathered}$ |

[^1]| CUSTOM SHEARING |  | Dryland Areas | Irrigated Areas |
| :---: | :---: | :---: | :---: |
| Farm Flocks: <br> Shear ewes, owner ties and bags | \$/Head | $\begin{gathered} \$ 2.25 \\ 2.00-2.50 \end{gathered}$ | $\begin{gathered} \$ 2.17 \\ 2.00-2.50 \end{gathered}$ |
| Shear rams, owner ties and bags | \$/Head | $\begin{gathered} \$ 4.50 \\ 4.00-5.00 \end{gathered}$ | $\begin{gathered} \$ 4.33 \\ 4.00-5.00 \end{gathered}$ |
| Shear ewes, tie and bag | \$/Head | $\begin{gathered} \$ 2.50 \\ 2.25-2.75 \end{gathered}$ | $\begin{gathered} \$ 2.38 \\ 2.00-2.75 \end{gathered}$ |
| $\underline{\text { Shear rams, tie and bag }}$ | \$/Head | $\begin{gathered} \$ 5.50 \\ 5.50-5.50 \end{gathered}$ | $\begin{gathered} \$ 4.75 \\ 4.00-5.50 \end{gathered}$ |
| Shear feedlot lambs, tie and bag | \$/Head | $\begin{gathered} \$ 1.50 \\ 1.50-1.50 \end{gathered}$ | $\begin{gathered} \$ 1.45 \\ 1.40-1.50 \end{gathered}$ |
| Range Operations: <br> Shear ewes, owner ties and bags | \$/Head | $\begin{gathered} \$ 2.13 \\ 2.00-2.25 \end{gathered}$ | U/A |
| Shear rams, owner ties and bags | \$/Head | $\begin{gathered} \$ 4.25 \\ 4.00-4.50 \end{gathered}$ | $\begin{gathered} \$ 5.00 \\ 5.00-5.00 \end{gathered}$ |
| Shear ewes, tie and bag | \$/Head | $\begin{gathered} \$ 2.38 \\ 2.25-2.50 \end{gathered}$ | $\begin{gathered} \$ 2.75 \\ 2.75-2.75 \end{gathered}$ |
| Shear rams, tie and bag | \$/Head | $\begin{gathered} \$ 5.25 \\ 5.00-5.50 \end{gathered}$ | $\begin{gathered} \$ 5.50 \\ 5.50-5.50 \end{gathered}$ |
| Tag and Face Clip Lambs: | \$/Head | U/A | U/A |
| Tag Ewes: | \$/Head | U/A | U/A |
| LABORATORY ANALYSIS |  | Dryland Areas | Irrigated Areas |
| Soil Tests: <br> Nematode count | \$/Sample | $\begin{gathered} \$ 27.50 \\ 15.00-40.00 \end{gathered}$ | $\begin{gathered} \$ 22.50 \\ 15.00-40.00 \end{gathered}$ |
| Basic N-P-K analysis | \$/Sample | $\begin{gathered} \$ 21.88 \\ 15.00-25.00 \end{gathered}$ | $\begin{gathered} \$ 25.42 \\ 15.00-45.00 \end{gathered}$ |
| $\underline{\text { Basic + minor elemental analysis }}$ | \$/Sample | $\begin{gathered} \$ 28.75 \\ 25.00-32.50 \end{gathered}$ | $\begin{gathered} \$ 36.83 \\ 25.00-53.00 \end{gathered}$ |
| Elements, pH , organic matter, soluble salts, texture, CEC | \$/Sample | $\begin{gathered} \$ 47.33 \\ 36.00-69.00 \end{gathered}$ | $\begin{gathered} \$ 40.40 \\ 25.00-69.00 \end{gathered}$ |
| Plant Tissue: Complete analysis | \$/Sample | $\begin{gathered} \$ 28.00 \\ 21.00-35.00 \end{gathered}$ | $\begin{gathered} \$ 23.67 \\ 15.00-35.00 \end{gathered}$ |
| Feed/Roughage Analysis: <br> Moisture, phosphorus, calcium, crude protein | \$/Sample | $\begin{gathered} \$ 34.00 \\ 18.00-50.00 \end{gathered}$ | $\begin{gathered} \$ 26.80 \\ 17.00-50.00 \end{gathered}$ |
| Complete analysis | \$/Sample | $\begin{gathered} \$ 47.33 \\ 25.00-75.00 \end{gathered}$ | $\begin{gathered} \$ 40.40 \\ 25.00-75.00 \end{gathered}$ |

## FEED PROCESSORS (Process ONLY, NO materials included)

| Grind Hay: |  | U/A | U/A |
| :--- | :--- | :--- | :--- |
| Tractor + tub-grinder, operator, hay owner feeds grinder |  |  |  |
| Tractor + tub-grinder \& operator, loader tractor \& operator |  |  |  |



## EXCAVATION WORK cont.

| Road Patrol and Operator cont.: Large | \$/Hour | $\begin{gathered} \$ 68.50 \\ 60.50-80.00 \end{gathered}$ | $\begin{gathered} \$ 62.75 \\ 60.50-65.00 \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| Dragline and Operator: Small | \$/Hour | $\begin{gathered} \$ 82.93 \\ 60.00-96.80 \end{gathered}$ | $\begin{gathered} \$ 78.40 \\ 60.00-96.80 \end{gathered}$ |
| Small Cat/Dozer with Ripper and Operator: To lay water line | \$/Hour | U/A | U/A |
| Trencher: <br> Small | \$/Hour | $\begin{gathered} \$ 30.00 \\ 30.00-30.00 \end{gathered}$ | $\begin{gathered} \$ 30.00 \\ 30.00-30.00 \end{gathered}$ |
| Medium | \$/Hour | $\begin{gathered} \$ 59.40 \\ 59.40-59.40 \end{gathered}$ | $\begin{gathered} \$ 59.50 \\ 59.50-59.50 \end{gathered}$ |
| Tractor, Ditcher, Slip, Form and Operator: Concrete ditches | \$/Hour | U/A | U/A |
| Winch Truck With Gin Poles: | \$/Hour | $\begin{gathered} \$ 69.25 \\ 63.50-75.00 \end{gathered}$ | $\begin{gathered} \$ 51.17 \\ 15.00-75.00 \end{gathered}$ |
| WELDING SERVICES |  | Dryland Areas | Irrigated Areas |
| "In-Shop" Welding Jobs: Small to medium jobs | \$/Hour | $\begin{gathered} \$ 32.50 \\ 25.00-40.00 \end{gathered}$ | $\begin{gathered} \$ 30.95 \\ 20.00-40.00 \end{gathered}$ |
| Large jobs | \$/Hour | $\begin{gathered} \$ 30.63 \\ 25.00-40.00 \end{gathered}$ | $\begin{gathered} \$ 30.33 \\ 25.00-40.00 \end{gathered}$ |
| "In-The-Field" Welding Jobs: Small to medium jobs | \$/Hour | $\begin{gathered} \$ 36.88 \\ 25.00-50.00 \end{gathered}$ | $\begin{gathered} \$ 36.33 \\ 25.00-50.00 \end{gathered}$ |
| Large jobs | \$/Hour | $\begin{gathered} \$ 36.25 \\ 30.00-45.00 \end{gathered}$ | $\begin{gathered} \$ 35.64 \\ 30.00-45.00 \end{gathered}$ |
| FARRIER SERVICES |  | Dryland Areas | Irrigated Areas |
| Riding Horses: Trim | \$/Head | $\begin{gathered} \$ 15.43 \\ 12.00-20.00 \end{gathered}$ | $\begin{gathered} \$ 16.50 \\ 15.00-18.00 \end{gathered}$ |
| Shoe, includes shoes | \$/Head | $\begin{gathered} \$ 38.50 \\ 28.00-45.00 \end{gathered}$ | $\begin{gathered} \$ 40.00 \\ 40.00-40.00 \end{gathered}$ |
| Reset shoes | \$/Head | $\begin{gathered} \$ 33.88 \\ 24.00-42.00 \end{gathered}$ | $\begin{gathered} \$ 35.00 \\ 35.00-35.00 \end{gathered}$ |
| Broncs: Shoe, includes shoes | \$/Head | $\begin{gathered} \$ 40.00 \\ 35.00-45.00 \end{gathered}$ | $\begin{gathered} \$ 40.00 \\ 40.00-40.00 \end{gathered}$ |
| Draft Horses: Shoe, includes shoes | \$/Head | $\begin{gathered} \$ 86.00 \\ 65.00-100.00 \end{gathered}$ | $\begin{gathered} \$ 67.50 \\ 65.00-70.00 \end{gathered}$ |
| Race Horses: Shoe, includes shoes | \$/Head | $\begin{gathered} \$ 47.50 \\ 45.00-50.00 \end{gathered}$ | $\begin{gathered} \$ 52.50 \\ 50.00-55.00 \end{gathered}$ |


| CUSTOM FENCING (clearing lines and materials NOT included) | Dryland Areas | Irrigated Areas |
| :---: | :---: | :---: |
| Fence Building: <br> Labor only | $\begin{gathered} \$ 32.00 \\ 20.00-50.00 \end{gathered}$ | $\begin{gathered} \$ 32.00 \\ 20.00-50.00 \end{gathered}$ |
| Wooden Braces, Steel/Wooden Posts, 4 Barbed Wires (Usually By Bid): <br> Smooth to rolling terrain | $\begin{gathered} \$ 4,526.00 \\ 1,900-6,230 \end{gathered}$ | $\begin{gathered} \$ 4,620 \\ 2,700-5,900 \end{gathered}$ |
| Rough terrain \$/Mile | $\begin{gathered} \$ 7,775 \\ 6,000-10,000 \end{gathered}$ | $\begin{gathered} \$ 8,833.33 \\ 8,000-10,000 \end{gathered}$ |
| Wooden Braces, Steel/Wooden Posts, 36" Woven Wire (Usually By Bid): <br> Smooth to rolling terrain <br> \$/Mile | $\begin{gathered} \$ 5,500 \\ 5,000-6,500 \end{gathered}$ | $\begin{gathered} \$ 5,375 \\ 2,500-7,000 \end{gathered}$ |
| Rough terrain \$/Mile | $\begin{gathered} \$ 11,750 \\ 11,000-12,500 \end{gathered}$ | $\begin{gathered} \$ 11,750 \\ 11,000-12,500 \end{gathered}$ |
| Suspension Fence, Steel/Wooden Posts (Usually By Bid): <br> Smooth to rolling terrain | $\begin{gathered} \$ 4,100 \\ 2,800-5,000 \end{gathered}$ | $\begin{gathered} \$ 4,433.33 \\ 3,800-5,000 \end{gathered}$ |
| Rough terrain \$/Mile | $\begin{gathered} \$ 7,000 \\ 5,000-10,000 \end{gathered}$ | $\begin{gathered} \$ 7,666.67 \\ 6,000-10,000 \end{gathered}$ |
| Fence Repair:2 men, equipment (no materials) \$/Hour | $\begin{gathered} \$ 52.00 \\ 35.00-60.00 \end{gathered}$ | $\begin{gathered} \$ 52.00 \\ 35.00-60.00 \end{gathered}$ |
| MISCELLANEOUS | Dryland Areas | Irrigated Areas |
| Load and Spread Manure: <br> Load only | $\begin{gathered} \$ 52.50 \\ 40.00-65.00 \end{gathered}$ | $\begin{gathered} \$ 41.25 \\ 25.00-65.00 \end{gathered}$ |
| Load and short haul \$/Hour | $\begin{gathered} \$ 83.33 \\ 35.00-135.00 \end{gathered}$ | $\begin{gathered} \$ 107.50 \\ 80.00-135.00 \end{gathered}$ |
| Snow Removal:_ \$/Hour | $\begin{gathered} \$ 53.33 \\ 40.00-65.00 \end{gathered}$ | $\begin{gathered} \$ 45.83 \\ 25.00-60.00 \end{gathered}$ |
| Clip With Swather: Conservation reserve seedings \$/Acre | $\begin{gathered} \$ 6.30 \\ 5.00-8.00 \end{gathered}$ | $\begin{gathered} \$ 8.00 \\ 8.00-8.00 \end{gathered}$ |
| Transplant Trees: Tree-spade, up to 1900 lb dirt ball ${ }^{\text {a }}$ | U/A | U/A |
| Auctioneer Services: <br> By the hour | U/A | U/A |
| Percent of sales Percentage of Gross Sales | U/A | $\begin{gathered} 0.06 \% \\ 0.06-0.06 \end{gathered}$ |
| Hazardous Waste Clean-up/Handling: <br> Includes all materials (usually by bid) | $\begin{gathered} \$ 60.00 \\ 60.00-60.00 \end{gathered}$ | $\begin{gathered} \$ 60.00 \\ 60.00-60.00 \end{gathered}$ |


[^0]:    1 Authors are farm/ranch management extension specialist, graduate research assistant, and professor, respectively; Department of Agricultural Economics, College of Agriculture, University of Wyoming.

[^1]:    ${ }^{2}$ Feed charges reported here are for day of sale only. Additional fees should be expected for longer stays at the sale yard.
    3 Other fees include Wyoming predator tax on cattle and sheep; Wyoming brand inspection on cattle, sheep, and horses; and national check-off program $\$ 1.00 /$ hd-cattle.

    * Insurance reported as a percentage of gross sales averaged $0.09 \%$ for these classes of livestock..
    ** Insurance reported as a percentage of gross sales averaged $0.10 \%$ for this class of livestock..

