

# AGRICULTURAL GUIDE

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Farm Management R

## 1982 Custom Rates for Farm Services in Missouri

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Norlin A. Hein, Richard Rudel, David Schroder, and Kevin Walker,  
Department of Agricultural Economics  
Donald Pfost, Department of Agricultural Engineering  
College of Agriculture

The custom rates reported in this guide were revised based on a statewide survey conducted in December 1982. Questionnaires were sent to farmers, agri-business firms, aerial applicators, and land improvement contractors known to be performing custom services.

Rate data from the questionnaires were tabulated according to the most common rate reported, a simple average of all rates, and the range of the rates reported for the custom service being performed.

BASIS FOR CHARGES. In general, rates are reported on the basis of acres or yield. In some cases, however, rates were reported on an hourly basis.

Hourly rates are often difficult to interpret because they depend on the size of equipment used. Whenever acres per hour were reported along with the hourly charges, these rates were converted to dollars per acre.

Earth moving charges are reported per hour by size of equipment used. However, contractor estimates for performing various jobs are also reported by cubic yard or other appropriate quantity units.

RATES MAY NOT COVER COSTS. The rates in this guide are the "going rates" charged in 1982. There is no assurance that the average or most common rate reported will cover the cost of performing the service. In some cases the reported rates are less than the amount needed to cover operating, labor and fixed machinery costs. The farmer who performs custom services is able to charge a rate below total cost because any income over cash expenses goes toward paying the fixed cost of a machine he already owns. The full-time custom operator, however, must charge a rate to cover all costs (including a normal profit). A custom operator should, therefore, carefully estimate his costs to determine if they are, or will be covered by the "going rate."\*

RATES VARY WIDELY. The range in rates charged varied widely for a great many custom jobs. Rates can vary for several reasons: (1) competition for custom work in an area; (2) field conditions including size, shape and topography; (3) crop conditions and yields; (4) differences in type and size of equipment; (5) quality of work performed; (6) distance to job; and (7) speed at which operators adjust rates to current costs.

\*See UMC Guide 303, "Estimating Custom Work Costs."

| CUSTOM JOB PERFORMED      | Basis of Charge | Most Common Rate | Average Rate      | Range in Rates |                   | Number Reporting |
|---------------------------|-----------------|------------------|-------------------|----------------|-------------------|------------------|
|                           |                 |                  |                   | Low            | High              |                  |
| <b>TILLAGE:</b>           |                 |                  |                   |                |                   |                  |
| Plowing, moldboard        | Normal soil     | Acre             | \$10.00           | \$ 9.36        | \$ 4.00 - \$20.00 | 99               |
|                           | Heavy soil      | Acre             | 10.00             | 11.06          | 4.00 - 22.50      | 63               |
| Plowing, chisel plow:     | Normal soil     | Acre             | 7.00              | 7.60           | 3.50 - 15.00      | 71               |
|                           | Heavy soil      | Acre             | 8.00              | 8.35           | 4.00 - 16.00      | 47               |
| Plowing, disk plow        |                 | Acre             | 10.00             | 7.80           | 4.00 - 12.00      | 42               |
| Disk only                 |                 | Acre             | 5.00              | 5.38           | 2.00 - 14.00      | 107              |
| Harrow only               |                 | Acre             | 3.00 <sup>1</sup> | 3.16           | 1.00 - 6.00       | 21               |
| Disk with harrow attached |                 | Acre             | 6.00              | 6.12           | 2.00 - 10.00      | 53               |
| Rotary hoe                |                 | Acre             | 3.00              | 3.31           | 1.00 - 6.00       | 40               |
| Cultivate rows            |                 | Acre             | 5.00 <sup>2</sup> | 4.62           | 2.00 - 10.00      | 54               |
| Cultipack                 |                 | Acre             | 6.00              | 4.18           | 2.00 - 7.00       | 24               |
| Cut stalks                |                 | Acre             | 4.00              | 5.46           | 3.75 - 10.00      | 24               |

<sup>1</sup>\$2.50 reported an equal number of times.

<sup>2</sup>\$4.00 reported an equal number of times.

| CUSTOM JOB PERFORMED                            | Basis of Charge | Most Common Rate  | Average Rate | Range in Rates |         | Number Reporting |
|---|-----------------|-------------------|--------------|----------------|---------|------------------|
|   |                 |                   |              | Low            | High    |                  |
| <b>PLANTING (MATERIALS NOT INCLUDED)</b>        |                 |                   |              |                |         |                  |
| Corn: Planting only                             | Acre            | \$ 5.00           | \$ 5.98      | \$ 2.00 -      | \$10.00 | 65               |
| Planting + fertilizing                          | Acre            | 7.00              | 7.13         | 3.00 -         | 13.00   | 32               |
| Planting + fertilizer + weed or insect chemical | Acre            | 8.00 <sup>3</sup> | 8.32         | 4.00 -         | 15.00   | 34               |
| No-till planting                                | Acre            | 10.00             | 9.53         | 6.00 -         | 12.00   | 39               |
| Soybeans: Plant only                            | Acre            | 5.00              | 6.57         | 2.00 -         | 16.00   | 96               |
| Small grain: Drill only                         | Acre            | 5.00              | 5.52         | 2.00 -         | 15.00   | 75               |
| Drill + fertilize                               | Acre            | 6.00              | 7.15         | 3.50 -         | 12.00   | 17               |
| Drill + fertilize + other seed                  | Acre            | 7.00 <sup>4</sup> | 7.48         | 3.50 -         | 13.00   | 14               |

**FERTILIZER & CHEMICAL APPLICATION (MATERIALS NOT INCLUDED):**

● RATES REPORTED BY FARMERS:

|  |      |                   |      |        |       |     |
|--|------|-------------------|------|--------|-------|-----|
| Fert. Application: anhydrous ammonia               | Acre | 5.00              | 5.31 | 2.50 - | 11.00 | 61  |
| (includes labor & spreading fert. - Dry equipment) | Acre | 3.00              | 2.71 | 1.00 - | 5.00  | 137 |
| Liquid   | Acre | 3.50              | 3.28 | 2.50 - | 4.00  | 52  |
| combination liquid fert. + chemicals               | Acre | 3.50              | 3.40 | 2.50 - | 5.00  | 51  |
| combined dry fertilizer application + seeding      | Acre | 3.00              | 3.61 | 1.50 - | 7.00  | 94  |
| Spraying Crops: applying chemicals with truck      | Acre | 3.50              | 3.36 | 2.50 - | 4.50  | 70  |
| tractor-mounted or pulled sprayer                  | Acre | 3.00              | 3.20 | 1.00 - | 6.00  | 88  |
| highboy sprayer                                    | Acre | 4.00 <sup>5</sup> | 4.06 | 2.00 - | 7.00  | 24  |
| flotation sprayer                                  | Acre | 3.50              | 3.66 | 3.00 - | 6.00  | 28  |

● RATES REPORTED BY AGRI-BUSINESS FIRMS:

|   |      |                   |      |        |       |    |
|---|------|-------------------|------|--------|-------|----|
| <b>Complete Custom Application Service:</b>         |      |                   |      |        |       |    |
| Anhydrous ammonia                                   | Acre | 5.00              | 5.80 | 1.00 - | 10.00 | 22 |
| Dry fertilizer                                      | Acre | 3.00              | 2.84 | 1.00 - | 8.50  | 93 |
| Liquid fertilizer                                   | Acre | 3.00              | 3.13 | 2.00 - | 4.00  | 89 |
| Comb. liq. fert. + chemicals                        | Acre | 3.50              | 3.25 | 2.00 - | 4.50  | 84 |
| <b>Partial Application Services (equip. rental)</b> |      |                   |      |        |       |    |
| Anhydrous ammonia                                   | Acre | .75 <sup>6</sup>  | 3.67 | .25 -  | 10.00 | 12 |
| Ton   |      | 5.00              | 7.80 | 5.00 - | 15.00 | 34 |
| Dry fertilizer                                      | Acre | .50               | .91  | .35 -  | 3.50  | 37 |
| Ton   |      | 4.00              | 3.93 | .50 -  | 10.00 | 38 |
| Liquid fertilizer                                   | Acre | 3.50              | 2.31 | 1.00 - | 3.50  | 8  |
| Comb. liq. fert. + chemicals                        | Acre | 3.50 <sup>7</sup> | 2.33 | 1.00 - | 3.50  | 6  |
| Spraying Crops: applying chemicals with truck       | Acre | 3.50              | 3.34 | 1.00 - | 4.50  | 73 |
| Tractor mounted or pulled sprayer                   | Acre | 3.50              | 2.81 | .50 -  | 4.50  | 12 |
| Highboy sprayer                                     | Acre | 5.00              | 3.84 | 1.00 - | 5.00  | 16 |
| Flotation sprayer                                   | Acre | 3.50              | 3.38 | 1.00 - | 4.50  | 54 |

● RATES REPORTED BY AERIAL APPLICATORS:

|                            |      |                   |       |         |       |    |
|----------------------------|------|-------------------|-------|---------|-------|----|
| Spraying crops             | Acre | 4.00 <sup>8</sup> | 3.78  | 2.75 -  | 5.00  | 31 |
| Spraying brush             | Acre | 4.00              | 5.57  | 3.50 -  | 9.00  | 7  |
| Spraying brush + chemicals | Acre | 20.00             | 24.80 | 20.00 - | 33.00 | 5  |
| Crop dusting               | Acre | 5.00              | 4.64  | 4.00 -  | 5.00  | 7  |
| Fertilizer spreading       | Acre | 7.00              | 6.32  | 3.50 -  | 9.00  | 22 |
| Seeding                    | Acre | 6.00 <sup>9</sup> | 5.15  | 2.50 -  | 9.00  | 28 |
| Defoliation of cotton      | Acre | 3.00              | 3.38  | 2.95 -  | 4.50  | 12 |

**HARVESTING GRAIN, SEED, AND COTTON:**

|   |      |                   |       |         |       |     |
|---|------|-------------------|-------|---------|-------|-----|
| Combining small grains                    | Acre | 20.00             | 18.88 | 10.00 - | 25.00 | 239 |
| Bu.                                       |      | .50               | .46   | .30 -   | .60   | 7   |
| Combining grass & other seed crops        | Acre | 20.00             | 19.66 | 8.00 -  | 30.00 | 40  |
| WITHOUT flex. cutter bar                  | Acre | 20.00             | 20.13 | 15.00 - | 25.00 | 67  |
| Bu.                                       |      | .55 <sup>10</sup> | .52   | .40 -   | .65   | 4   |
| Combining soybeans: WITH flex. cutter bar | Acre | 20.00             | 20.90 | 11.00 - | 30.00 | 198 |
| Bu.                                       |      | .60               | .61   | .50 -   | .80   | 15  |

<sup>3</sup>\$10 reported an equal number of times  
<sup>4</sup>\$5 & \$9.50 reported an equal number of times  
<sup>5</sup>\$3.50 & \$4.50 reported an equal number of times  
<sup>6</sup>\$0.50 & \$10.00 reported an equal number of times

<sup>7</sup>\$1.50 reported an equal number of times  
<sup>8</sup>\$3.50 reported an equal number of times  
<sup>9</sup>\$4.00 reported an equal number of times  
<sup>10</sup>\$0.40, 0.50, 0.65 reported an equal number of times

| CUSTOM JOBS PERFORMED                                | Basis<br>of<br>Charge | Most<br>Common<br>Rate | Average<br>Rate              | Range in Rates |                   | Number<br>Reporting |
|--|-----------------------|------------------------|------------------------------|----------------|-------------------|---------------------|
|  |                       |                        |                              | Low            | High              |                     |
| <b>HARVESTING GRAIN, SEED &amp; COTTON (CON'T.):</b> |                       |                        |                              |                |                   |                     |
| Combining grain sorghum: straight charge             | Acre                  | \$20.00                | \$19.94                      | \$10.00 -      | \$25.00           | 123                 |
|  | Bu.                   | .35 <sup>11</sup>      | .32                          | .22 -          | .40               | 3                   |
|  | combination charge    | [Acre<br>Bu.+]         | [24.00 <sup>12</sup><br>.05] | [24.20<br>.05] | [20.00 -<br>.05 - | 30.00<br>.05]       |
| minimum charge                                       | Bu.                   | .22 <sup>13</sup>      | .31                          | .20 -          | .50               | 3                   |
| Combining corn:                                      | Acre                  | 20.00                  | 21.04                        | 10.00 -        | 28.50             | 187                 |
|  | Bu.                   | .25 <sup>14</sup>      | .24                          | .15 -          | .35               | 10                  |
|  | combination charge    | [Acre<br>Bu.+]         | [20.00<br>.05]               | [17.73<br>.11] | [10.00 -<br>.05 - | 25.00<br>.80]       |
| minimum charge                                       | Bu.                   | .20                    | .21                          | .15            | .30               | 10                  |
| Picking corn (with picker)                           | Acre                  | 20.00                  | 19.50                        | 15.00 -        | 23.00             | 8                   |
|  | Bu.                   | .50 <sup>15</sup>      | .30                          | .10 -          | .50               | 2                   |
| Corn: pick, haul and crib                            | Bu.                   | 25.00                  | 25.00                        | 25.00 -        | 25.00             | 1                   |
| Picking cotton (by machine)                          | Cwt.                  | 3.75                   | 3.75                         | 3.75 -         | 3.75              | 3                   |
| Grain hauling (field to farm)                        | Bu.                   | .10                    | .09                          | .05 -          | .30               | 131                 |

### HARVESTING HAY:

|   |                                  |                   |       |         |       |     |
|---|----------------------------------|-------------------|-------|---------|-------|-----|
| Mowing Hay  | Acre                             | 5.00              | 4.68  | 1.50 -  | 8.00  | 43  |
|   | Bale                             | .15 <sup>16</sup> | .14   | .07 -   | .25   | 9   |
| Hay conditioning (crushing or crimping)                   | Acre                             | 6.00              | 6.53  | 2.00 -  | 10.50 | 15  |
|   | Bale                             | .10               | .15   | .05 -   | .30   | 16  |
| Mowing and conditioning                                   | Acre                             | 6.00              | 7.06  | 4.00 -  | 15.00 | 73  |
|   | Bale                             | .25               | .20   | .10 -   | .30   | 16  |
| Mow, condition, windrow<br>(self-propelled)               | Acre                             | 6.00              | 6.88  | 5.00 -  | 12.00 | 16  |
|   | Bale                             | .15               | .22   | .15 -   | .35   | 3   |
| Raking hay  | Acre                             | 3.00              | 2.72  | 1.50 -  | 5.00  | 54  |
|   | Bale                             | .10               | .08   | .02 -   | .15   | 36  |
| Baling hay: Square bale, wire tie                         | Bale                             | .30               | .32   | .20 -   | .50   | 31  |
|   | Ton                              | 8.00              | 8.00  | 8.00 -  | 8.00  | 1   |
| Square bale, twine tie                                    | Bale                             | .25               | .32   | .10 -   | .75   | 100 |
|   | twine tie (with<br>bale thrower) | Bale              | .30   | .44     | .25 - | .75 |
| Small round--AC--bales                                    | Bale                             | .30               | .30   | .15 -   | .65   | 15  |
| Hauling and storing bales                                 | Bale                             | .30               | .29   | .15 -   | .50   | 50  |
| Complete hay harvest (mow, rake,<br>bale, haul and store) | Bale                             | .80               | .82   | .55 -   | 1.25  | 43  |
|   | Ton                              | 20.00             | 20.00 | 20.00 - | 20.00 | 1   |

### LARGE PACKAGE MACHINES:

|                                  |       |       |       |         |       |     |
|----------------------------------|-------|-------|-------|---------|-------|-----|
| Round Bales: Under 1,000 pounds  | Bale  | 6.00  | 5.79  | 4.00 -  | 11.00 | 26  |
|                                  | Bale  | 6.00  | 6.02  | 3.25 -  | 12.50 | 151 |
|                                  | Ton   | 8.00  | 8.00  | 8.00 -  | 8.00  | 1   |
| Over 1,000 pounds                | Ton   | 8.00  | 8.00  | 8.00 -  | 8.00  | 1   |
| Moving large bales               | Bale  | 1.00  | 1.84  | .50 -   | 5.00  | 50  |
| Haystacking machine: 2 to 4 tons | Stack | 20.00 | 20.00 | 20.00 - | 20.00 | 1   |

### HARVESTING SILAGE:

|  |                 |                     |                     |          |         |       |
|--|-----------------|---------------------|---------------------|----------|---------|-------|
| Corn silage: Field chop only                                   | Acre            | 30.00               | 24.50               | 15.00 -  | 35.00   | 8     |
|  | Ton             | 3.50 <sup>17</sup>  | 3.42                | 2.25 -   | 5.00    | 9     |
|  | Hour            | 50.00               | 43.50               | 24.00 -  | 50.00   | 4     |
| Sorghum silage: Field chop only                                | Acre            | 25.00 <sup>18</sup> | 24.00               | 16.00 -  | 35.00   | 4     |
|  | Ton             | 3.50                | 4.00                | 3.00 -   | 6.00    | 5     |
|  | Hour            | 24.00               | 24.00               | 24.00 -  | 24.00   | 1     |
| Small grain or grass: Field chop only                          | Acre            | 20.00               | 26.57               | 16.00 -  | 40.00   | 7     |
|  | Ton             | 4.00                | 3.83                | 3.50 -   | 4.00    | 3     |
| Corn or sorghum silage<br>(chop, haul & fill): Tower silo      | Acre            | 50.00 <sup>19</sup> | 47.50               | 45.00 -  | 50.00   | 2     |
|  | Ton             | 5.50 <sup>20</sup>  | 4.75                | 3.75 -   | 5.50    | 3     |
|  | Horizontal silo | Acre                | 50.00 <sup>21</sup> | 47.00    | 44.00 - | 50.00 |
| Ton  |                 | 5.00                | 4.46                | 3.50 -   | 5.00    | 6     |
| Hour   |                 | 110.00              | 110.00              | 110.00 - | 110.00  | 1     |
| Small grain & grass silage<br>(chop, haul, & fill): Tower silo | Acre            | 50.00               | 50.00               | 50.00 -  | 50.00   | 1     |
|  | Ton             | 5.00                | 5.00                | 5.00 -   | 5.00    | 2     |
|  | Horizontal silo | Acre                | 50.00 <sup>22</sup> | 45.00    | 40.00 - | 50.00 |
| Ton  |                 | 5.00                | 4.83                | 4.50 -   | 5.00    | 3     |

|                      |                                   |                 |                                   |
|----------------------|-----------------------------------|-----------------|-----------------------------------|
| 11 \$0.22, 0.40      | reported an equal number of times | 17 \$3, \$4     | reported an equal number of times |
| 12 \$20, 22, 25 & 30 | " "                               | 18 \$16, 20, 35 | " "                               |
| 13 \$0.20, 0.50      | " "                               | 19 \$45         | " "                               |
| 14 \$0.22, 0.30      | " "                               | 20 \$3.75, \$5  | " "                               |
| 15 \$0.10            | " "                               | 21 \$44         | " "                               |
| 16 \$0.10            | " "                               | 22 \$40         | " "                               |

| CUSTOM JOBS PERFORMED                          | Basis of Charge        | Most Common Rate | Average Rate       | Range in Rates |                   | Number Reporting |
|--|------------------------|------------------|--------------------|----------------|-------------------|------------------|
|  |                        |                  |                    | Low            | High              |                  |
| <b>PROCESSING GRAINS, FEED, AND SEEDS:</b>     |                        |                  |                    |                |                   |                  |
| ● <i>RATES REPORTED BY AGRI-BUSINESS FIRMS</i> |                        |                  |                    |                |                   |                  |
| Grind and mix grains:                          | at farm (1-2 tons)     | Ton              | \$10.00            | \$ 7.50        | \$ 4.00 - \$10.00 | 4                |
|  | at farm (over 2 tons)  | Ton              | 8.00 <sup>23</sup> | 8.00           | 6.00 - 10.00      | 3                |
|  | at elev. (1-2 tons)    | Ton              | 6.00               | 7.27           | 2.00 - 16.00      | 78               |
|  | at elev. (over 2 tons) | Ton              | 6.00               | 7.27           | 2.00 - 20.00      | 72               |
| Reclean grass seed                             |                        | Cwt.             | 5.00               | 4.56           | 1.80 - 10.00      | 26               |
| Reclean clover seed                            |                        | Cwt.             | 4.00               | 4.46           | 1.30 - 10.00      | 30               |
| Reclean soybeans or small grain                |                        | Bu.              | .60 <sup>24</sup>  | .58            | .15 - 1.00        | 48               |
| Hay Pelleting                                  |                        | Ton              | .70                | .70            | .70 - .70         | 1                |
|  |                        | Hour             | 3.00               | 3.00           | 3.00 - 3.00       | 1                |

**GRAIN DRYING**

|  |           |      |      |             |    |
|--|-----------|------|------|-------------|----|
| Charge for each 1% moisture removed                            | 1% moist. | .03  | .04  | .01 - .18   | 59 |
| Shrinkage rate used in computing number of dry bushels of corn | % Gr.Wt.  | 1.50 | 1.43 | 1.00 - 3.00 | 62 |

**MISCELLANEOUS FARM JOBS:**

|  |  |         |                     |       |               |    |
|--|--|---------|---------------------|-------|---------------|----|
| Fence building & repairing                     |  | Hour    | 5.00                | 5.52  | 3.50 - 10.00  | 31 |
| Fence building: 4-barb wires, set posts        |  | Hour    | 6.00 <sup>25</sup>  | 5.89  | 4.00 - 11.00  | 14 |
|  |  | Rod     | 2.50                | 4.96  | 2.00 - 14.00  | 8  |
| Woven, 2-barb wires, set posts                 |  | Hour    | 6.00 <sup>26</sup>  | 6.50  | 4.00 - 11.00  | 10 |
|  |  | Rod     | 2.75                | 6.29  | 2.75 - 19.00  | 7  |
| Post hole digging                              |  | Hole    | 1.00                | .81   | .10 - 4.00    | 23 |
|  |  | Hour    | 12.00 <sup>27</sup> | 13.50 | 12.00 - 15.00 | 2  |
| Post driving                                   |  | Post    | .50                 | 1.02  | .05 - 8.00    | 17 |
|  |  | Hour    | 15.00               | 12.80 | 4.00 - 18.00  | 5  |
| Saw lumber from logs                           |  | Bd. Ft. | 12.00               | 11.67 | 5.00 - 20.00  | 9  |
| Saw firewood: 2 ft. lengths with chainsaw      |  | Hour    | 1.00                | 1.00  | 1.00 - 1.00   | 9  |
| Cutting brush with brush hog                   |  | Acre    | 10.00 <sup>28</sup> | 9.85  | 4.00 - 15.00  | 13 |
|  |  | Hour    | 25.00               | 27.50 | 15.00 - 45.00 | 4  |
| Mowing weeds                                   |  | Acre    | 5.00                | 5.62  | 2.00 - 10.00  | 19 |
|  |  | Hour    | 10.00 <sup>29</sup> | 14.36 | 5.00 - 30.00  | 22 |
| Loading manure: Dry                            |  | Hour    | 25.00               | 30.00 | 25.00 - 40.00 | 3  |
| Liquid   |  | Hour    | 1.00                | 1.00  | 1.00 - 1.00   | 3  |
| Loading & spreading manure (liquid)--knifed in |  | Hour    | 30.00               | 31.00 | 20.00 - 50.00 | 5  |
| Pumping lagoons with traveling gun             |  | Hour    | 1.00                | 1.00  | 1.00 - 1.00   | 5  |
| Cleaning septic tanks                          |  | Tank    | 35.00 <sup>30</sup> | 33.33 | 25.00 - 40.00 | 3  |

**WATER MANAGEMENT AND EARTH MOVING:**

● *ESTIMATED JOB COSTS:*

|                                 |  |         |                     |        |                 |    |
|---------------------------------|--|---------|---------------------|--------|-----------------|----|
| Building terraces: conventional |  | Cu. Yd. | .55 <sup>31</sup>   | .65    | .50 - .80       | 7  |
|                                 |  | Ln. Ft. | .60                 | .48    | .21 - 1.00      | 42 |
| parallel                        |  | Cu. Yd. | .80                 | .71    | .55 - .80       | 9  |
|                                 |  | Ln. Ft. | .60                 | .76    | .28 - 1.50      | 37 |
| diversion                       |  | Cu. Yd. | .70                 | .67    | .40 - .80       | 21 |
|                                 |  | Ln. Ft. | .65 <sup>32</sup>   | .71    | .30 - 1.35      | 21 |
| Building ponds and lakes        |  | Cu. Yd. | .80 <sup>33</sup>   | .84    | .60 - 1.50      | 58 |
| Ditch construction              |  | Hour    | 53.00 <sup>34</sup> | 57.67  | 45.00 - 75.00   | 3  |
|                                 |  | Cu. Yd. | .80 <sup>35</sup>   | .67    | .30 - 1.00      | 25 |
| Land leveling                   |  | Hour    | 55.00 <sup>36</sup> | 54.38  | 42.50 - 75.00   | 4  |
|                                 |  | Cu. Yd. | .80 <sup>37</sup>   | .81    | .50 - 1.25      | 15 |
| Land clearing                   |  | Hour    | 50.00               | 54.20  | 30.00 - 90.00   | 25 |
|                                 |  | Acre    | 250.00              | 298.33 | 100.00 - 750.00 | 30 |

● *EQUIPMENT CHARGES:*

|  |  |         |                     |       |               |    |
|--|--|---------|---------------------|-------|---------------|----|
| Small bulldozer (under 100 h.p.)                   |  | Hour    | 45.00               | 45.22 | 30.00 - 55.00 | 18 |
| Medium bulldozer (100-150 h.p.)                    |  | Hour    | 50.00               | 53.28 | 40.00 - 80.00 | 62 |
| Large bulldozer (over 150 h.p.)                    |  | Hour    | 60.00               | 68.70 | 50.00 - 90.00 | 23 |
| Motor grader                                       |  | Hour    | 40.00               | 42.50 | 25.00 - 70.00 | 34 |
| Dragline   |  | Hour    | 45.00 <sup>38</sup> | 44.58 | 27.50 - 70.00 | 6  |
| Small scoop (10 yds. or less)                      |  | Hour    | 45.00               | 51.60 | 30.00 - 75.00 | 29 |
| Large scoop (over 10 yards)                        |  | Hour    | 60.00               | 61.75 | 50.00 - 85.00 | 28 |
|  |  | Cu. Yd. | .65 <sup>39</sup>   | .67   | .45 - .90     | 3  |
| Tiling (trenching, laying, backfilling)--          |  | Hour    | 40.00               | 40.00 | 40.00 - 40.00 | 2  |
| Tile NOT furnished                                 |  | Foot    | .50                 | .48   | .40 - .60     | 14 |
| Trenching (Ln. ft., per ft. of depth, or per hour) |  | Foot    | .40                 | .50   | .30 - .80     | 11 |

23 \$6, \$10 reported an equal number of times  
 24 \$0.50 " "  
 25 \$4.00 " "  
 26 \$5.00 " "  
 27 \$15 " "  
 28 \$8, \$15 " "  
 29 \$20 " "  
 30 \$25, \$40 " "  
 31 \$0.80 " "

32 \$0.50 reported an equal number of times  
 33 \$0.75, 0.90 reported an equal number of times  
 34 \$45, 75 " "  
 35 \$0.50 " "  
 36 \$42.50, 45, 75 " "  
 37 \$0.50, 0.65, 0.70, \$1 reported " "  
 38 \$17.50, \$30, \$35, \$60, \$70 " "  
 39 \$0.45, 0.90 " "

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